

TABLE 3. Moisture source for Caribbean region from FLEXPART model considering the seasonal period 1980-2012 and hydrographic units of Fig 3.

Source		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual mean	
Atlantic ocean (mm/month)	TSA	0.52	0.62	0.61	1.84	7.66	13.49	14.70	11.99	7.48	2.22	3.15	0.87	5.43	
		0.11	0.12	0.08	0.14	0.40	0.85	01.02	0.72	0.43	0.12	0.20	0.11	0.36	
	TNA	149.39	147.10	202.84	281.66	175.20	104.28	107.08	138.95	160.90	189.09	214.99	176.92	170.70	
		31.81	29.05	27.94	21.55	9.24	6.54	7.45	8.37	9.22	9.86	13.33	22.09	16.37	
	TA	23.89	29.29	49.36	88.25	127.97	120.38	98.38	89.52	79.09	56.26	56.09	38.61	71.42	
		05.09	5.78	6.80	6.75	6.75	7.55	6.84	5.39	4.53	2.93	3.48	4.82	5.56	
	STNA	12.35	11.89	10.40	7.94	3.66	5.62	5.92	4.52	2.21	04.04	15.64	14.55	8.23	
		2.63	2.35	1.43	0.61	0.19	0.35	0.41	0.27	0.13	0.21	0.97	1.82	0.95	
	CARS	25.99	30.92	37.55	70.57	106.00	51.41	40.72	68.72	82.52	124.62	149.61	47.89	69.71	
		5.53	6.11	5.17	5.40	5.59	3.22	2.83	4.14	4.73	6.50	9.28	5.98	5.37	
	Total	212.14	219.83	300.76	450.27	420.49	295.17	266.79	313.70	332.20	376.23	439.47	278.84	325.49	
		45.17	43.41	41.43	34.45	22.17	18.51	18.56	18.89	19.05	19.61	27.25	34.81	28.61	
	Pacific ocean (mm/month)	TSP	8.14	3.44	1.79	12.29	100.62	106.56	103.61	140.35	190.91	322.23	238.70	66.36	107.92
			1.73	0.68	0.25	0.94	5.30	6.68	7.21	8.45	10.94	16.80	14.80	8.29	6.84
TNP		14.77	8.14	5.37	33.14	148.56	160.58	133.20	165.25	196.43	296.22	222.53	65.40	120.80	
		3.14	1.61	0.74	2.54	7.83	10.07	9.27	9.95	11.26	15.44	13.80	8.17	7.82	
Total		22.91	11.57	7.16	45.42	249.17	267.14	236.81	305.60	387.33	618.45	461.23	131.76	228.71	
		4.88	2.28	0.99	3.48	13.14	16.75	16.47	18.40	22.21	32.24	28.59	16.45	14.66	
Terrestrial (mm/month)	ORIC	56.67	72.38	117.04	224.97	361.08	331.08	317.14	324.49	285.59	190.16	121.23	74.45	206.36	
		12.07	14.29	16.12	17.21	19.03	20.76	22.06	19.54	16.37	9.91	7.52	9.30	15.35	

	SAMZ	0.33	0.35	0.61	1.38	8.89	7.31	10.85	6.94	1.43	0.45	1.37	0.26	3.35
		0.07	0.07	0.08	0.11	0.47	0.46	0.75	0.42	0.08	0.02	0.08	0.03	0.22
	NOSA	171.54	195.84	288.42	552.75	763.08	596.21	503.33	604.16	673.77	701.19	575.79	309.84	494.66
		36.52	38.67	39.73	42.30	40.23	37.38	35.01	36.38	38.63	36.55	35.70	38.69	37.98
	NAMZ	6.09	6.48	11.95	32.05	94.30	98.06	102.72	105.63	63.95	31.96	13.90	5.76	47.74
		1.30	1.28	1.65	2.45	4.97	6.15	7.15	6.36	3.67	1.67	0.86	0.72	3.18
	Total	06.09	6.48	11.95	32.05	94.30	98.06	102.72	105.63	63.95	31.96	13.90	5.76	752.10
		49.95	54.31	57.58	62.07	64.70	64.75	64.97	62.70	58.75	48.15	44.16	48.73	56.74