

Table 5. Dry and wet deposition depositions of the analyzed nutrients calculated for the present study and the literature for different Mediterranean regions.

Location	Si _{diss}	PO ₄ ³⁻	NO ₃ ⁻	NH ₄ ⁺	DIN	Reference
<i>Dry Deposition (mmol m⁻² yr⁻¹)</i>						
Erdemli, Turkey ^a	0.54	0.22	38 (22)	5 (3)	43 (25)	This Study
Winter*	0.15	0.05	9 (5)	1 (0.5)	10 (6)	This Study
Transition*	0.24	0.09	14 (8)	2 (1)	16 (9)	This Study
Summer*	0.15	0.07	15 (9)	2 (1)	17 (10)	This Study
Erdemli, Turkey ^a	-	0.16	36 (21)	8 (4)	44 (25)	Markaki <i>et al.</i> [2003]
Finokalia, Crete ^b	-	0.08	10	2	12	Markaki <i>et al.</i> [2003]
Tel Shikmona, Israel ^a	-	0.51	35 (20)	22 (11)	57 (31)	Herut <i>et al.</i> [2002]
Israeli Coast ^a	-	0.45	40 (23)	26 (13)	66 (36)	Carbo <i>et al.</i> [2005]
Eilat, Israel ^b	-	0.25	-	-	38	Chen <i>et al.</i> [2007]
<i>Wet Deposition (mmol m⁻² yr⁻¹)</i>						
Erdemli, Turkey	0.92	0.34	22	23	45	This Study
Winter*	0.54	0.18	13	16	29	This Study
Transition*	0.38	0.16	9	7	16	This Study
Erdemli, Turkey	-	-	16	-	-	Markaki <i>et al.</i> [2003]
Heraklion, Crete	-	0.07	9	11	20	Markaki <i>et al.</i> [2003]
Tel Shikmona, Israel	-	0.30	20	13	33	Herut <i>et al.</i> [1999]
<i>Atmospheric Deposition (mmol m⁻² yr⁻¹)</i>						
Erdemli, Turkey	1.46	0.56	60 (44)	28 (26)	88 (70)	This Study
Crete	-	0.15	19	13	32	Markaki <i>et al.</i> [2003]
Tel Shikmona, Israel	-	0.81	55 (40)	35 (26)	90 (76)	Herut <i>et al.</i> [1999; 2002]

* denotes seasonal fluxes, a and b show Whatman 41 and Teflon filter. Values in parenthesis indicate alternative dry depositions of nitrate and ammonium for Whatman 41 filters after multiplying 0.58 and 0.50, respectively.