

Table 3. Application of Penman method to calculate free water evaporation (E_o) and monthly potential evapotranspiration (ET_p) for three locations in Florida. ET_p was calculated using Equation 10 and a fixed surface albedo of $\alpha = 0.23$ and by multiplying E_o by $k_1 = 0.7$ for comparison.

Month	Hialeah, 25°50' N. Lat.			Lakeland, 28°01' N. Lat.			Milton, 30°47' N. Lat.		
	$\alpha=0.23$ (ET_p)	$\alpha=0.05$ (E_o)	$\alpha=0.05$ $k_1=0.7$ (ET_p)	$\alpha=0.23$ (ET_p)	$\alpha=0.05$ (E_o)	$\alpha=0.05$ $k_1=0.7$ (ET_p)	$\alpha=0.23$ (ET_p)	$\alpha=0.05$ (E_o)	$\alpha=0.05$ $k_1=0.7$ (ET_p)
	-----mm-----								
Jan	68	90	63	56	75	52	46	60	42
Feb	89	116	81	80	104	73	66	85	60
Mar	113	146	102	105	135	95	88	114	80
Apr	142	180	126	137	175	123	127	162	113
May	151	191	134	156	198	138	150	191	134
Jun	145	183	128	161	202	141	166	209	147
Jul	156	197	138	157	197	138	159	200	140
Aug	149	189	131	146	184	129	149	189	132
Sep	126	158	111	125	158	110	119	152	106
Oct	102	130	91	96	123	86	85	113	79
Nov	74	98	68	67	89	62	51	70	49
Dec	59	78	54	48	66	46	39	53	37
Annual	1374	1756	1227	1334	1706	1193	1245	1598	1119