

TABLE I: Climatological Summaries – Means 1925-85

Month	Rainfall (mm)	Days with ≥1 mm of Rain	Evaporation (mm) A Class Pan*	Relative Humidity 0900 h	Hours of Bright Sunshine per Day	Solar Radiation MegJ/m ² /day*
Jan	23.6	3.2	232.3	49.5	9.27	26.99
Feb	24.7	2.8	200.5	52.4	8.82	23.98
Mar	24.0	3.5	168.6	53.9	7.67	19.08
Apr	55.5	7.3	105.9	60.9	5.62	12.90
May	79.4	10.5	64.9	69.0	4.06	8.67
Jun	73.5	11.0	45.3	74.4	3.35	7.25
Jul	88.1	13.3	48.1	75.7	3.25	7.32
Aug	74.8	12.8	66.0	71.6	4.39	10.23
Sep	62.0	10.1	93.4	64.4	5.55	14.39
Oct	53.4	8.6	139.2	58.8	6.69	19.55
Nov	36.8	5.5	174.9	54.1	7.82	23.62
Dec	30.1	4.6	208.7	51.2	8.36	25.66
Year	625.9	93.2	1547.8	61.3	6.24	16.64

*Mean 1959-87

From D.L. Messent, Waite Agric. Res. Inst. Biennial Rep. 1986-87

TABLE II: Soil Type: Urrbrae Fine Sandy Loam from Profile Pit in the Arboretum

Depth (in cm)	0-18	18-35	35-75	75-90	90-115	115-175
Reaction (pH)	5.7	5.9	6.6	7.1	8.6	8.5
Mechanical Analysis	%	%	%	%	%	%
Coarse sand	2.5	2.2	0.9	0.6	0.7	0.6
Fine sand	40.9	40.0	17.1	24.7	21.7	24.0
Silt	33.3	31.7	14.6	26.1	30.6	35.8
Clay	20.2	24.6	65.3	48.1	34.3	36.4
Chemical Analysis						
CaCO ₃	-	-	-	-	9.8	2.4
Organic C	1.43	0.64	0.74	0.53	0.36	0.22
Nitrogen	0.11	0.07	0.09	0.06	0.04	0.03
P ₂ O ₅	0.05	0.04	0.06	0.05	0.04	0.04
Free Fe ₂ O ₃	2.3	2.9	5.6	3.9	3.1	3.1
Total sol. salts	0.06	0.08	0.07	0.08	0.09	0.13

From W.H. Litchfield C.S.I.R.O. Div. Rep. 2/51