

Subregion	Plot name	Lat	Long	Deciduousness	Mean month SL (total)		SL (decomp)	Mean decomp (wet season)	Mean decomp (dry season)	Mean annual litterfall rate (t/ha/yr)	Mean annual leaf decomposability (yr <sup>-1</sup> )	Mean annual leaf litter phenolics (%)	Mean annual leaf litter lignin (%)	Mean annual leaf litter N (%)	Mean annual leaf litter P (%)	Mean annual leaf litter C (%)	Veg type	Plant species richness	Tree species richness	Plant density	Early 2nd sp.	Elevation (m a.s.l.)	Mean annual temperature (°C)	Mean annual rainfall (mm)	Rainfall seasonality (sd monthly rainfall)	Mean annual radiation	Dry season moisture (ave. leaf wetness)	Soil N (%)	Soil P (%)	Soil Ca (%)	Soil Na (%)	Soil organic C (%)	
					SL (leaf)	SL (decomp)																											
Atherton	AU2A2	-17.66251	145.87280	Quasi-evergreen	January	0.16	0.04	0.12	2.36	2.17	11.39±5.09	2.25±0.34	0.22±0.11	33.02±4.56	1.68±0.21	0.07±0.01	44.30±3.00	MVF	10	4	15	30.8	180	22	3379	77	17.8	92.42	0.11	0.029	0.185	0.046	12.55
	AU6A5	-17.67609	145.71264	Quasi-evergreen	December	0.24	0.19	0.08	2.11	2.06	5.97±0.84	2.08±0.36	0.36±0.16	33.73±3.23	1.60±0.18	0.05±0.01	46.96±1.35	NVF	24	14	64	14.5	618	20.5	2920	69	18.0	85.03	0.46	0.123	0.241	0.034	18.6
	AU9A2	-17.70167	145.52354	Quasi-evergreen	November	0.26	0.30	0.07	1.50	1.50	9.19±3.78	1.5±0.31	0.35±0.15	35.64±3.03	1.55±0.25	0.04±0.01	49.16±1.33	NVF	18	9	31	17.2	930	19.1	1864	77	18.8	82.58	0.47	0.216	0.056	0.029	22.37
	AU9A5	-17.70635	145.52579	Quasi-evergreen	November	0.31	0.40	0.05	0.88	0.95	5.58±0.85	0.92±0.29	0.59±0.17	35.31±3.51	1.19±0.14	0.02±0.01	50.67±1.28	NVF	19	10	29	0	918	23.9	1993	96	18.8	82.58	0.5	0.102	0.012	0.034	23.27
	CU1A1	-16.46942	145.32612	Semi-deciduous	February	0.11	0.22	0.17	1.96	1.64	5.47±0.95	1.77±0.35	0.46±0.19	32.22±3.12	1.25±0.14	0.03±0.01	46.61±1.13	MVF	10	3	26	0	115	23.6	1899	97	18.8	82.42	0.28	0.021	0.039	0.032	17.51
	CU1A5	-16.47154	145.32166	Semi-deciduous	December	0.06	0.27	0.12	1.69	1.71	6.69±1.02	1.7±0.44	0.64±0.31	29.69±5.73	1.23±0.21	0.03±0.01	47.59±1.71	MVF	14	6	26	0	162	23.1	1772	97	18.9	82.42	0.21	0.033	0.1	0.025	18.84
	CU2A2	-16.49256	145.35899	Semi-deciduous	February	0.14	0.29	0.15	1.23	0.93	9.43±3.67	1.05±0.43	0.66±0.23	38.69±5.56	1.16±0.16	0.03±0.01	48.92±1.38	MVF	ND	ND	ND	ND	234	22.9	1718	97	19.0	67.78	0.26	0.026	0.028	0.028	18.75
	CU2A5	-16.49399	145.36126	Semi-deciduous	April	0.09	0.20	0.16	1.19	0.90	7.29±2.03	1.01±0.35	0.70±0.20	34.75±4.89	1.09±0.14	0.02±0.01	49.15±1.06	MVF	ND	ND	ND	ND	270	22	1597	97	19.1	67.78	0.26	0.018	0.006	0.049	16.91
	CU4A2	-16.53451	145.37182	Semi-deciduous	December	0.24	0.32	0.14	0.87	0.79	7.80±2.01	0.83±0.40	0.55±0.19	38.84±5.68	1.02±0.12	0.02±0.01	49.24±1.22	MVF	26	10	54	10	440	22.1	1567	98	19.2	91.48	0.34	0.013	0.012	0.091	22.37
	CU4A5	-16.53708	145.36692	Semi-deciduous	December	0.27	0.28	0.12	1.20	1.13	6.75±2.25	1.17±0.37	0.68±0.19	37.10±4.04	1.07±0.14	0.02±0.01	47.73±1.57	MVF	11	10	22	0	420	20.8	1494	95	19.2	91.48	0.26	0.01	0.017	0.042	16.11
Carbine Uplands	CU6A2	-16.57925	145.30465	Evergreen	November	0.42	0.40	0.14	1.28	1.23	11.29±3.32	1.26±0.36	0.47±0.13	37.66±4.65	1.28±0.19	0.03±0.01	49.20±1.71	NVF	9	8	21	0	656	21	1445	97	19.2	76.39	0.24	0.026	0.014	0.051	8.27
	CU6A5	-16.57886	145.31009	Evergreen	December	0.46	0.43	0.19	0.87	0.94	7.58±0.96	0.91±0.38	0.59±0.21	37.02±4.51	1.14±0.16	0.02±0.01	49.00±1.41	NVF	13	5	41	0	606	19.8	1719	90	19.3	76.39	0.2	0.018	0.014	0.046	11.39
	CU8A2	-16.58797	145.29659	Quasi-evergreen	November	0.34	0.30	0.17	1.21	1.11	5.45±0.90	1.15±0.37	0.60±0.14	36.91±3.34	1.16±0.13	0.02±0.01	49.08±1.48	NVF	30	17	79	0	820	19.9	1720	90	19.0	81.36	0.1	0.022	0.013	0.053	28.96
	CU8A5	-16.58551	145.30040	Quasi-evergreen	November	0.36	0.28	0.12	0.98	1.01	6.84±1.97	0.99±0.35	0.62±0.18	39.37±4.41	1.14±0.12	0.02±0.01	48.55±1.60	NVF	26	19	63	14.8	813	18.8	2137	84	19.0	81.36	0.29	0.016	0.01	0.057	13.74
	CU10A2	-16.55723	145.27725	Quasi-evergreen	December	0.16	0.24	0.08	1.42	1.24	7.66±1.24	1.32±0.33	0.56±0.18	35.35±2.72	1.21±0.17	0.02±0.01	48.38±1.16	NVF	13	5	30	20	1016	19.2	1984	86	18.6	84.9	0.13	0.047	0.02	0.075	5.42
	CU10A5	-16.55434	145.28034	Quasi-evergreen	November	0.24	0.31	0.10	1.61	1.47	10.12±5.61	1.54±0.32	0.43±0.18	31.97±3.27	1.14±0.22	0.03±0.01	47.63±1.45	NVF	14	8	24	12.5	943	17.7	2672	78	18.7	84.9	0.26	0.039	0.019	0.052	7.61
	CU12A2	-16.51423	145.26954	Evergreen	December	0.14	0.25	0.10	1.31	1.28	6.00±2.18	1.29±0.42	0.48±0.14	35.13±3.77	1.21±0.13	0.03±0.01	47.93±2.08	MFF	15	10	45	35.6	1210	17.9	2577	79	18.2	80.33	0.13	0.039	0.01	0.038	7.71
	CU12A5	-16.51742	145.27294	Evergreen	November	0.32	0.33	0.09	0.84	0.80	7.58±2.20	0.82±0.31	0.53±0.16	37.54±3.29	1.10±0.14	0.03±0.01	49.15±1.32	MFF	32	21	68	0	1172	22.3	1384	105	18.3	80.33	0.17	0.035	0.015	0.027	21.72
	SU35A1	-19.01403	146.26588	Semi-deciduous	November	0.04	0.05	0.25	0.97	0.72	10.70±1.60	0.84±0.29	0.87±0.33	31.79±2.70	1.15±0.12	0.02±0.01	48.84±1.19	NVF	12	4	41	9.1	334	22.3	1384	105	19.3	67.77	0.26	0.018	0.042	0.033	10.37
	SU35A2	-19.01484	146.26540	Semi-deciduous	January	0.07	0.16	0.18	1.10	0.76	6.99±3.60	0.92±0.39	0.82±0.24	31.21±4.18	1.19±0.14	0.02±0.01	48.51±1.19	NVF	15	10	22	22	342	20.5	1645	102	19.3	67.77	0.25	0.018	0.082	0.029	9.68
Windsor Uplands	SU6A2	-19.00261	146.24308	Semi-deciduous	January	0.14	0.10	0.17	0.41	0.33	10.40±0.86	0.37±0.24	0.74±0.17	36.96±2.90	1.03±0.13	0.01±0.01	51.10±1.18	MOF	11	7	27	48.2	671	20.5	1631	102	19.1	78.29	0.41	0.009	0.049	0.027	34.23
	SU6A3	-19.00262	146.24153	Semi-deciduous	December	0.17	0.10	0.10	0.35	0.30	8.16±3.21	0.32±0.18	0.74±0.14	37.09±2.29	1.03±0.12	0.01±0.01	51.36±1.00	MOF	8	5	22	31.8	661	20.6	1611	102	19.1	78.29	0.14	0.008	0.228	0.033	20.23
	SU8A2	-19.01178	146.22302	Quasi-evergreen	January	0.27	0.19	0.05	1.23	0.93	7.61±1.01	1.07±0.39	0.65±0.25	32.06±4.24	1.06±0.19	0.02±0.01	48.10±1.36	NVF	10	3	28	0	840	19.7	2116	99	18.7	68.31	0.44	0.013	0.009	0.035	3.2
	SU8A3	-19.01134	146.22140	Quasi-evergreen	November	0.22	0.12	0.10	1.16	0.99	8.33±1.51	1.07±0.34	0.63±0.24	34.48±4.30	1.15±0.17	0.02±0.01	48.70±1.06	NVF	15	7	26	0	834	19.8	2041	100	18.7	68.31	0.42	0.037	0.029	0.038	14.31
	SU10A1	-19.01569	146.15677	Evergreen	December	0.34	0.25	0.04	1.12	1.05	6.83±1.14	1.08±0.35	0.63±0.21	32.59±3.74	1.38±0.21	0.03±0.01	50.38±1.44	A-CF	12	7	20	0	979	18.9	2426	96	18.5	74.13	0.43	0.011	0.026	0.028	22.1
	SU10A2	-19.01581	146.15836	Evergreen	December	0.31	0.18	0.03	1.13	1.01	6.86±1.76	1.07±0.3	0.64±0.21	33.16±4.04	1.34±0.18	0.03±0.01	50.49±1.11	A-CF	7	6	16	0	963	19	2393	96	18.5	74.13	0.6	0.022	0.018	0.022	15.18
	WU9A2	-16.28467	145.08403	Semi-deciduous	October	0.21	0.44	0.17	0.99	0.87	5.79±1.83	0.92±0.38	0.81±0.20	33.57±3.91	1.23±0.16	0.03±0.01	50.02±1.19	NVF-AG	13	5	40	4.2	940	19.1	1946	87	18.8	76.33	0.11	0.016	0.023	0.022	10.18
	WU9A5	-16.28550	145.08896	Semi-deciduous	November	0.13	0.44	0.22	1.08	0.83	7.82±2.39	0.93±0.37	0.73±0.20	34.03±3.22	1.22±0.18	0.03±0.01	49.31±2.46	NVF-AG	13	9	24	14.8	914	19.3	1909	87	18.8	76.33	0.14	0.018	0.023	0.022	12.15
	WU11A2	-16.25942	145.04361	Evergreen	April	0.20	0.39	0.14	1.45	1.32	6.11±1.70	1.37±0.37	0.41±0.17	36.10±3.32	1.34±0.27	0.03±0.01	48.33±1.07	NVF	14	7	27	42.5	1071	18.5	2153	84	18.6	86.14	0.15	0.028	0.097	0.027	9.88
	WU11A5	-16.25917	145.04959	Evergreen	December	0.30	0.42	0.13	1.21	1.13	8.79±3.42	1.16±0.38	0.49±0.16	38.69±4.32	1.20±0.16	0.03±0.01	48.96±1.12	NVF	16	7	27	18.5	1080	18.4	2181	84	18.6	86.14	0.15	0.024	0.018	0.02	18.45
WU13A2	-16.23554	145.00882	Evergreen	November	0.26	0.43	0.24	0.87	0.69	5.93±2.57	0.75±0.39	0.72±0.18	34.75±3.91	1.04±0.23	0.01±0.01	50.78±0.90	MFF	21	15	48	2.1	1280	17.4	2546	80	18.3	66.53	0.17	0.014	0.01	0.02	14.16	
WU13A5	-16.23115	145.00777	Evergreen	October	0.28	0.48	0.17	0.98	0.85	7.16±2.43	0.9±0.36	0.73±0.19	34.79±3.19	1.05±0.16	0.02±0.01	49.53±1.25	MFF	21	13	35	0	1260	17.5	2505	81	18.3	66.53	0.14	0.019	0.039	0.028	25.06	

All errors are sd of monthly estimates. S: CS = recent cyclone damage; CMVF complex mesophyll vine forest; MVF = mesophyll vine forest; NVF = notophyll vine forest;

MFF = microphyll fera forest; MOF = medium open forest with regenerating rainforest understorey; A-CF = Acacia sp. closed forest; NVF-AG = notophyll vine forest with