



Appendix 1

APPENDIX 1: Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Letaba	0-20	shallow	drying	0.049092	-54.08
Letaba	0-20	shallow	drying	0.052056	-48.15
Letaba	0-20	shallow	drying	0.055206	-38.73
Letaba	0-20	shallow	drying	0.061319	-30.42
Letaba	0-20	shallow	drying	0.065257	-24.44
Letaba	0-20	shallow	drying	0.068173	-21.05
Letaba	0-20	shallow	drying	0.069669	-17.66
Letaba	0-20	shallow	drying	0.071324	-16.96
Letaba	0-20	shallow	drying	0.072064	-17.13
Letaba	0-20	shallow	drying	0.075398	-13.63
Letaba	0-20	shallow	drying	0.076838	-12.21
Letaba	0-20	shallow	drying	0.078362	-11.27
Letaba	0-20	shallow	drying	0.079228	-11.23
Letaba	0-20	shallow	drying	0.079289	-10.07
Letaba	0-20	shallow	drying	0.082721	-8.71
Letaba	0-20	shallow	drying	0.084105	-9.55
Letaba	0-20	shallow	drying	0.086213	-6.79
Letaba	0-20	shallow	drying	0.08744	-7.83
Letaba	0-20	shallow	drying	0.09096	-6.67
Letaba	0-20	shallow	drying	0.092279	-6.23
Letaba	0-20	shallow	drying	0.094109	-5.43
Letaba	0-20	shallow	drying	0.097243	-5.05
Letaba	0-20	shallow	drying	0.097814	-4.94
Letaba	0-20	shallow	drying	0.100963	-3.96
Letaba	0-20	shallow	drying	0.102757	-3.69
Letaba	0-20	shallow	drying	0.105039	-3.22
Letaba	0-20	shallow	drying	0.108088	-2.73
Letaba	0-20	shallow	drying	0.108188	-3.14
Letaba	0-20	shallow	drying	0.1125	-2.31
Letaba	0-20	shallow	drying	0.115228	-1.07
Letaba	0-20	shallow	drying	0.115809	-1.86
Letaba	0-20	shallow	drying	0.117266	-2.26
Letaba	0-20	shallow	drying	0.119853	-1.57
Letaba	0-20	shallow	drying	0.121341	-1.61
Letaba	0-20	shallow	drying	0.123935	-2.18
Letaba	0-20	shallow	drying	0.134559	-0.36
Letaba	0-20	shallow	drying	0.140257	-0.45
Letaba	0-20	shallow	drying	0.147277	-0.61
Letaba	0-20	shallow	drying	0.14761	-0.47
Letaba	0-20	shallow	drying	0.150184	-0.54
Letaba	0-20	shallow	drying	0.155515	-0.49
Letaba	0-20	shallow	drying	0.188959	-0.24
Letaba	0-20	shallow	drying	0.20239	-0.17
Letaba	0-20	shallow	drying	0.236754	-0.19
Letaba	0-20	shallow	drying	0.284735	-0.18
Letaba	0-20	shallow	drying	0.289522	0
Letaba	0-20	shallow	wetting	0.029116	-98.45
Letaba	0-20	shallow	wetting	0.036762	-68.82
Letaba	0-20	shallow	wetting	0.047706	-43.1
Letaba	0-20	shallow	wetting	0.056093	-26.61
Letaba	0-20	shallow	wetting	0.058076	-23.47
Letaba	0-20	shallow	wetting	0.071935	-9.8
Letaba	0-20	shallow	wetting	0.074539	-9.07
Letaba	0-20	shallow	wetting	0.082247	-5.59
Letaba	0-20	shallow	wetting	0.085752	-3.61
Letaba	0-20	shallow	wetting	0.088158	-4.1
Letaba	0-20	shallow	wetting	0.095963	-1.28
Letaba	0-20	shallow	wetting	0.103378	-1.09

Appendix 1 continues →

APPENDIX 1 (Continues...): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Letaba	0-20	shallow	wetting	0.12263	-0.42
Letaba	0-20	shallow	wetting	0.12294	-0.33
Letaba	0-20	shallow	wetting	0.132647	-0.6
Letaba	40-60	intermediate	drying	0.066125	-48.8
Letaba	40-60	intermediate	drying	0.070187	-43.14
Letaba	40-60	intermediate	drying	0.074024	-34.76
Letaba	40-60	intermediate	drying	0.075378	-35.41
Letaba	40-60	intermediate	drying	0.084857	-22.58
Letaba	40-60	intermediate	drying	0.08937	-18.48
Letaba	40-60	intermediate	drying	0.092981	-14.65
Letaba	40-60	intermediate	drying	0.095932	-14.7
Letaba	40-60	intermediate	drying	0.098272	-13.13
Letaba	40-60	intermediate	drying	0.099712	-11.79
Letaba	40-60	intermediate	drying	0.101152	-10.67
Letaba	40-60	intermediate	drying	0.101783	-10.08
Letaba	40-60	intermediate	drying	0.102952	-10.28
Letaba	40-60	intermediate	drying	0.103137	-7.39
Letaba	40-60	intermediate	drying	0.104212	-9.38
Letaba	40-60	intermediate	drying	0.106371	-7.64
Letaba	40-60	intermediate	drying	0.107199	-7.26
Letaba	40-60	intermediate	drying	0.107651	-9.78
Letaba	40-60	intermediate	drying	0.108171	-8.29
Letaba	40-60	intermediate	drying	0.110511	-7.17
Letaba	40-60	intermediate	drying	0.114291	-6.17
Letaba	40-60	intermediate	drying	0.117711	-5.03
Letaba	40-60	intermediate	drying	0.12131	-3.48
Letaba	40-60	intermediate	drying	0.12563	-2.77
Letaba	40-60	intermediate	drying	0.12995	-1.78
Letaba	40-60	intermediate	drying	0.131389	-2.05
Letaba	40-60	intermediate	drying	0.136429	-2.59
Letaba	40-60	intermediate	drying	0.142189	-1.91
Letaba	40-60	intermediate	drying	0.148128	-1.34
Letaba	40-60	intermediate	drying	0.153708	-1.08
Letaba	40-60	intermediate	drying	0.163607	-0.9
Letaba	40-60	intermediate	drying	0.171526	-0.7
Letaba	40-60	intermediate	drying	0.188085	-0.26
Letaba	40-60	intermediate	drying	0.196364	-0.3
Letaba	40-60	intermediate	drying	0.208783	-0.49
Letaba	40-60	intermediate	drying	0.213722	-0.19
Letaba	40-60	intermediate	drying	0.239561	-0.32
Letaba	40-60	intermediate	drying	0.24892	-0.31
Letaba	40-60	intermediate	drying	0.266531	-0.17
Letaba	40-60	intermediate	drying	0.269078	-0.09
Letaba	40-60	intermediate	wetting	0.031966	-96.45
Letaba	40-60	intermediate	wetting	0.044359	-65.94
Letaba	40-60	intermediate	wetting	0.05548	-47.02
Letaba	40-60	intermediate	wetting	0.060263	-40.28
Letaba	40-60	intermediate	wetting	0.073016	-26.44
Letaba	40-60	intermediate	wetting	0.083384	-15.21
Letaba	40-60	intermediate	wetting	0.091204	-11.28
Letaba	40-60	intermediate	wetting	0.097834	-7.22
Letaba	40-60	intermediate	wetting	0.104568	-4.54
Letaba	40-60	intermediate	wetting	0.126235	-1.39
Letaba	40-60	intermediate	wetting	0.132116	-1.22
Letaba	40-60	intermediate	wetting	0.141158	-0.44
Letaba	40-60	intermediate	wetting	0.142384	-0.47

Note: This is the Online Appendix of Buitenwerf, R., Kulmatiski, A. & Higgins, S.I., 2014, 'Soil water retention curves for the major soil types of the Kruger National Park', *Koedoe* 56(1), Art. #1228, 9 pages. <http://dx.doi.org/10.4102/koedoe.v56i1.1228>

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APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Letaba	40-60	intermediate	wetting	0.159122	-0.43
Letaba	40-60	intermediate	wetting	0.176161	-0.3
Letaba	70-90	deep	drying	0.034891	-48.45
Letaba	70-90	deep	drying	0.035359	-50.43
Letaba	70-90	deep	drying	0.038768	-40.19
Letaba	70-90	deep	drying	0.038991	-44.39
Letaba	70-90	deep	drying	0.04224	-37.71
Letaba	70-90	deep	drying	0.044583	-33.81
Letaba	70-90	deep	drying	0.05065	-28.41
Letaba	70-90	deep	drying	0.051045	-26.1
Letaba	70-90	deep	drying	0.056214	-20.72
Letaba	70-90	deep	drying	0.057148	-20.83
Letaba	70-90	deep	drying	0.061167	-15.12
Letaba	70-90	deep	drying	0.061735	-16.57
Letaba	70-90	deep	drying	0.061813	-14.54
Letaba	70-90	deep	drying	0.065044	-13.37
Letaba	70-90	deep	drying	0.065176	-13.16
Letaba	70-90	deep	drying	0.06594	-12.18
Letaba	70-90	deep	drying	0.07091	-10.65
Letaba	70-90	deep	drying	0.071075	-9.86
Letaba	70-90	deep	drying	0.072152	-7.93
Letaba	70-90	deep	drying	0.074924	-7.8
Letaba	70-90	deep	drying	0.075167	-7.57
Letaba	70-90	deep	drying	0.078182	-6.96
Letaba	70-90	deep	drying	0.078937	-6.63
Letaba	70-90	deep	drying	0.081413	-4.47
Letaba	70-90	deep	drying	0.083142	-5.22
Letaba	70-90	deep	drying	0.086367	-3.52
Letaba	70-90	deep	drying	0.087729	-4.04
Letaba	70-90	deep	drying	0.089813	-3.59
Letaba	70-90	deep	drying	0.090979	-4.15
Letaba	70-90	deep	drying	0.096489	-1.46
Letaba	70-90	deep	drying	0.096521	-2.69
Letaba	70-90	deep	drying	0.098212	-1.61
Letaba	70-90	deep	drying	0.101658	-2.73
Letaba	70-90	deep	drying	0.10302	-1.45
Letaba	70-90	deep	drying	0.105122	-1.8
Letaba	70-90	deep	drying	0.108766	-1.34
Letaba	70-90	deep	drying	0.110474	-1.76
Letaba	70-90	deep	drying	0.112427	-2.4
Letaba	70-90	deep	drying	0.115227	-1.23
Letaba	70-90	deep	drying	0.115252	-1
Letaba	70-90	deep	drying	0.120604	-1.05
Letaba	70-90	deep	drying	0.122981	-0.89
Letaba	70-90	deep	drying	0.123471	-1.49
Letaba	70-90	deep	drying	0.130734	-1.18
Letaba	70-90	deep	drying	0.168196	-0.2
Letaba	70-90	deep	drying	0.221193	-0.17
Letaba	70-90	deep	drying	0.279776	-0.12
Letaba	70-90	deep	wetting	0.028739	-85.51
Letaba	70-90	deep	wetting	0.039477	-58.03
Letaba	70-90	deep	wetting	0.042817	-51.85
Letaba	70-90	deep	wetting	0.056699	-34.61
Letaba	70-90	deep	wetting	0.064592	-24.43
Letaba	70-90	deep	wetting	0.073285	-18.07
Letaba	70-90	deep	wetting	0.08018	-14.17
Letaba	70-90	deep	wetting	0.097124	-4.16
Letaba	70-90	deep	wetting	0.102183	-4.19
Letaba	70-90	deep	wetting	0.126972	-0.74
Letaba	70-90	deep	wetting	0.127305	-0.84

Appendix 1 continues →

APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Letaba	70-90	deep	wetting	0.136381	-0.57
Letaba	70-90	deep	wetting	0.150522	-0.37
Letaba	70-90	deep	wetting	0.165541	-0.04
Letaba	70-90	deep	wetting	0.174161	-0.07
Lower Sabie	0-15	shallow	drying	0.055135	-48.85
Lower Sabie	0-15	shallow	drying	0.057445	-48.57
Lower Sabie	0-15	shallow	drying	0.058217	-46.03
Lower Sabie	0-15	shallow	drying	0.059054	-43.48
Lower Sabie	0-15	shallow	drying	0.061824	-42.86
Lower Sabie	0-15	shallow	drying	0.063235	-39.52
Lower Sabie	0-15	shallow	drying	0.066632	-34.59
Lower Sabie	0-15	shallow	drying	0.066976	-35.53
Lower Sabie	0-15	shallow	drying	0.069767	-30.45
Lower Sabie	0-15	shallow	drying	0.070582	-30.94
Lower Sabie	0-15	shallow	drying	0.074704	-26.07
Lower Sabie	0-15	shallow	drying	0.077084	-22.94
Lower Sabie	0-15	shallow	drying	0.078568	-21.64
Lower Sabie	0-15	shallow	drying	0.079174	-19.97
Lower Sabie	0-15	shallow	drying	0.080481	-27.19
Lower Sabie	0-15	shallow	drying	0.082432	-19.02
Lower Sabie	0-15	shallow	drying	0.083878	-15.62
Lower Sabie	0-15	shallow	drying	0.084493	-16.16
Lower Sabie	0-15	shallow	drying	0.085446	-13.97
Lower Sabie	0-15	shallow	drying	0.086296	-14.4
Lower Sabie	0-15	shallow	drying	0.089104	-11.93
Lower Sabie	0-15	shallow	drying	0.09016	-12.4
Lower Sabie	0-15	shallow	drying	0.091194	-10.9
Lower Sabie	0-15	shallow	drying	0.091705	-12.36
Lower Sabie	0-15	shallow	drying	0.094068	-8.98
Lower Sabie	0-15	shallow	drying	0.094281	-11.82
Lower Sabie	0-15	shallow	drying	0.098511	-6.96
Lower Sabie	0-15	shallow	drying	0.09866	-7.76
Lower Sabie	0-15	shallow	drying	0.102169	-6.19
Lower Sabie	0-15	shallow	drying	0.10304	-7.1
Lower Sabie	0-15	shallow	drying	0.105827	-5
Lower Sabie	0-15	shallow	drying	0.107676	-5.36
Lower Sabie	0-15	shallow	drying	0.11053	-4.02
Lower Sabie	0-15	shallow	drying	0.111283	-5.02
Lower Sabie	0-15	shallow	drying	0.111314	-3.43
Lower Sabie	0-15	shallow	drying	0.113859	-5.26
Lower Sabie	0-15	shallow	drying	0.115756	-2.83
Lower Sabie	0-15	shallow	drying	0.120556	-3.34
Lower Sabie	0-15	shallow	drying	0.120721	-2
Lower Sabie	0-15	shallow	drying	0.125451	-2.37
Lower Sabie	0-15	shallow	drying	0.127515	-1.52
Lower Sabie	0-15	shallow	drying	0.131633	-1.6
Lower Sabie	0-15	shallow	drying	0.133002	-1.28
Lower Sabie	0-15	shallow	drying	0.136785	-1.36
Lower Sabie	0-15	shallow	drying	0.142409	-0.79
Lower Sabie	0-15	shallow	drying	0.148419	-0.65
Lower Sabie	0-15	shallow	drying	0.159454	-0.41
Lower Sabie	0-15	shallow	drying	0.161223	-0.41
Lower Sabie	0-15	shallow	drying	0.177743	-0.2
Lower Sabie	0-15	shallow	drying	0.19423	-0.3
Lower Sabie	0-15	shallow	drying	0.210743	-0.26
Lower Sabie	0-15	shallow	drying	0.235681	-0.21
Lower Sabie	0-15	shallow	drying	0.249657	-0.27
Lower Sabie	0-15	shallow	drying	0.263086	-0.07

Note: This is the Online Appendix of Buitenwerf, R., Kulmatiski, A. & Higgins, S.I., 2014, 'Soil water retention curves for the major soil types of the Kruger National Park', *Koedoe* 56(1), Art. #1228, 9 pages. <http://dx.doi.org/10.4102/koedoe.v56i1.1228>

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APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Lower Sabie	0-15	shallow	drying	0.27487	-0.03
Lower Sabie	0-15	shallow	drying	0.290044	0
Lower Sabie	0-15	shallow	drying	0.322184	0
Lower Sabie	0-15	shallow	drying	0.327151	0
Lower Sabie	0-15	shallow	drying	0.34936	-0.1
Lower Sabie	0-15	shallow	wetting	0.028078	-98.77
Lower Sabie	0-15	shallow	wetting	0.078129	-13.94
Lower Sabie	0-15	shallow	wetting	0.091863	-5.95
Lower Sabie	0-15	shallow	wetting	0.096465	-4.75
Lower Sabie	0-15	shallow	wetting	0.106401	-3.18
Lower Sabie	0-15	shallow	wetting	0.113604	-1.51
Lower Sabie	0-15	shallow	wetting	0.116319	-1.09
Lower Sabie	0-15	shallow	wetting	0.12332	-1.21
Lower Sabie	0-15	shallow	wetting	0.124972	-0.83
Lower Sabie	0-15	shallow	wetting	0.126149	-0.94
Lower Sabie	0-15	shallow	wetting	0.141309	-0.68
Lower Sabie	0-15	shallow	wetting	0.144833	-0.23
Lower Sabie	0-15	shallow	wetting	0.152444	-0.47
Lower Sabie	0-15	shallow	wetting	0.156171	-0.23
Lower Sabie	0-15	shallow	wetting	0.174824	0
Lower Sabie	30-40	intermediate	drying	0.06272	-54.2
Lower Sabie	30-40	intermediate	drying	0.065107	-49.36
Lower Sabie	30-40	intermediate	drying	0.066033	-45.99
Lower Sabie	30-40	intermediate	drying	0.068002	-44.31
Lower Sabie	30-40	intermediate	drying	0.068582	-43.15
Lower Sabie	30-40	intermediate	drying	0.070436	-41.25
Lower Sabie	30-40	intermediate	drying	0.070863	-40.99
Lower Sabie	30-40	intermediate	drying	0.073216	-36.79
Lower Sabie	30-40	intermediate	drying	0.073504	-37.34
Lower Sabie	30-40	intermediate	drying	0.076144	-33.87
Lower Sabie	30-40	intermediate	drying	0.07646	-32.38
Lower Sabie	30-40	intermediate	drying	0.078345	-29.6
Lower Sabie	30-40	intermediate	drying	0.07924	-27.82
Lower Sabie	30-40	intermediate	drying	0.082484	-23.96
Lower Sabie	30-40	intermediate	drying	0.082746	-25.13
Lower Sabie	30-40	intermediate	drying	0.085032	-20.57
Lower Sabie	30-40	intermediate	drying	0.085607	-20.22
Lower Sabie	30-40	intermediate	drying	0.086886	-18.49
Lower Sabie	30-40	intermediate	drying	0.087808	-17.13
Lower Sabie	30-40	intermediate	drying	0.088276	-16.78
Lower Sabie	30-40	intermediate	drying	0.089349	-14.75
Lower Sabie	30-40	intermediate	drying	0.089666	-15.56
Lower Sabie	30-40	intermediate	drying	0.090593	-14.33
Lower Sabie	30-40	intermediate	drying	0.091989	-13
Lower Sabie	30-40	intermediate	drying	0.092215	-13.5
Lower Sabie	30-40	intermediate	drying	0.09291	-12.26
Lower Sabie	30-40	intermediate	drying	0.09309	-12.29
Lower Sabie	30-40	intermediate	drying	0.094069	-11.97
Lower Sabie	30-40	intermediate	drying	0.09485	-11.21
Lower Sabie	30-40	intermediate	drying	0.095951	-10.2
Lower Sabie	30-40	intermediate	drying	0.097491	-9.41
Lower Sabie	30-40	intermediate	drying	0.101232	-6.92
Lower Sabie	30-40	intermediate	drying	0.10241	-5.8
Lower Sabie	30-40	intermediate	drying	0.102773	-7.01
Lower Sabie	30-40	intermediate	drying	0.104313	-6.4
Lower Sabie	30-40	intermediate	drying	0.105653	-5.88
Lower Sabie	30-40	intermediate	drying	0.105854	-5.69
Lower Sabie	30-40	intermediate	drying	0.107835	-4.54
Lower Sabie	30-40	intermediate	drying	0.108897	-4.15
Lower Sabie	30-40	intermediate	drying	0.110255	-3.83

Appendix 1 continues →

APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Lower Sabie	30-40	intermediate	drying	0.111446	-4.37
Lower Sabie	30-40	intermediate	drying	0.113336	-3.06
Lower Sabie	30-40	intermediate	drying	0.114921	-3.36
Lower Sabie	30-40	intermediate	drying	0.116197	-2.59
Lower Sabie	30-40	intermediate	drying	0.117702	-2.71
Lower Sabie	30-40	intermediate	drying	0.119498	-2.05
Lower Sabie	30-40	intermediate	drying	0.120482	-2.05
Lower Sabie	30-40	intermediate	drying	0.122359	-1.67
Lower Sabie	30-40	intermediate	drying	0.123494	-1.88
Lower Sabie	30-40	intermediate	drying	0.12544	-1.11
Lower Sabie	30-40	intermediate	drying	0.126738	-1.81
Lower Sabie	30-40	intermediate	drying	0.13253	-2.33
Lower Sabie	30-40	intermediate	drying	0.153389	-0.45
Lower Sabie	30-40	intermediate	drying	0.168443	-0.54
Lower Sabie	30-40	intermediate	drying	0.179357	0
Lower Sabie	30-40	intermediate	drying	0.191461	-0.24
Lower Sabie	30-40	intermediate	drying	0.202025	-0.55
Lower Sabie	30-40	intermediate	drying	0.202271	-0.35
Lower Sabie	30-40	intermediate	drying	0.235403	-0.34
Lower Sabie	30-40	intermediate	drying	0.237456	-0.4
Lower Sabie	30-40	intermediate	drying	0.247683	-0.31
Lower Sabie	30-40	intermediate	drying	0.257878	-0.31
Lower Sabie	30-40	intermediate	drying	0.264597	-0.32
Lower Sabie	30-40	intermediate	drying	0.264965	-0.26
Lower Sabie	30-40	intermediate	drying	0.274328	-0.09
Lower Sabie	30-40	intermediate	drying	0.290933	-0.27
Lower Sabie	30-40	intermediate	drying	0.3125	-0.2
Lower Sabie	30-40	intermediate	drying	0.324164	-0.22
Lower Sabie	30-40	intermediate	drying	0.333847	-0.16
Lower Sabie	30-40	intermediate	wetting	0.04049	-69.01
Lower Sabie	30-40	intermediate	wetting	0.048115	-54.44
Lower Sabie	30-40	intermediate	wetting	0.054624	-45.83
Lower Sabie	30-40	intermediate	wetting	0.063716	-35.85
Lower Sabie	30-40	intermediate	wetting	0.068662	-30.22
Lower Sabie	30-40	intermediate	wetting	0.073881	-27.06
Lower Sabie	30-40	intermediate	wetting	0.085259	-14.47
Lower Sabie	30-40	intermediate	wetting	0.102624	-3.5
Lower Sabie	30-40	intermediate	wetting	0.110111	-1.64
Lower Sabie	30-40	intermediate	wetting	0.124448	-0.94
Lower Sabie	30-40	intermediate	wetting	0.12776	-1.15
Lower Sabie	30-40	intermediate	wetting	0.131553	-0.75
Lower Sabie	30-40	intermediate	wetting	0.154734	-0.06
Lower Sabie	30-40	intermediate	wetting	0.16973	-0.34
Lower Sabie	30-40	intermediate	wetting	0.171677	-0.18
Lower Sabie	60-75	deep	drying	0.053228	-51.64
Lower Sabie	60-75	deep	drying	0.057717	-41.3
Lower Sabie	60-75	deep	drying	0.059855	-37.49
Lower Sabie	60-75	deep	drying	0.061565	-34.15
Lower Sabie	60-75	deep	drying	0.062029	-25.94
Lower Sabie	60-75	deep	drying	0.063489	-29.37
Lower Sabie	60-75	deep	drying	0.063599	-24.07
Lower Sabie	60-75	deep	drying	0.066268	-25.46
Lower Sabie	60-75	deep	drying	0.066897	-19.91
Lower Sabie	60-75	deep	drying	0.067123	-22.24
Lower Sabie	60-75	deep	drying	0.06926	-18.9
Lower Sabie	60-75	deep	drying	0.070329	-16.89
Lower Sabie	60-75	deep	drying	0.072681	-14.46
Lower Sabie	60-75	deep	drying	0.073963	-13.26

Note: This is the Online Appendix of Buitenwerf, R., Kulmatiski, A. & Higgins, S.I., 2014, 'Soil water retention curves for the major soil types of the Kruger National Park', *Koedoe* 56(1), Art. #1228, 9 pages. <http://dx.doi.org/10.4102/koedoe.v56i1.1228>

Appendix 1 continues on next page →


APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Lower Sabie	60-75	deep	drying	0.076101	-10.77
Lower Sabie	60-75	deep	drying	0.077811	-10.22
Lower Sabie	60-75	deep	drying	0.079307	-8.3
Lower Sabie	60-75	deep	drying	0.081018	-7.38
Lower Sabie	60-75	deep	drying	0.0823	-6.86
Lower Sabie	60-75	deep	drying	0.083796	-6.17
Lower Sabie	60-75	deep	drying	0.085293	-5.14
Lower Sabie	60-75	deep	drying	0.087644	-4.19
Lower Sabie	60-75	deep	drying	0.090637	-3.45
Lower Sabie	60-75	deep	drying	0.093844	-2.66
Lower Sabie	60-75	deep	drying	0.09705	-1.47
Lower Sabie	60-75	deep	drying	0.101325	-1.13
Lower Sabie	60-75	deep	drying	0.103677	-1.19
Lower Sabie	60-75	deep	drying	0.113296	-0.19
Lower Sabie	60-75	deep	drying	0.1351	-0.41
Lower Sabie	60-75	deep	drying	0.144158	0
Lower Sabie	60-75	deep	drying	0.161746	-0.19
Lower Sabie	60-75	deep	drying	0.166524	0
Lower Sabie	60-75	deep	drying	0.170697	-0.23
Lower Sabie	60-75	deep	drying	0.17764	-0.36
Lower Sabie	60-75	deep	drying	0.182161	-0.4
Lower Sabie	60-75	deep	drying	0.206658	-0.41
Lower Sabie	60-75	deep	drying	0.209919	-0.55
Lower Sabie	60-75	deep	drying	0.22299	-0.41
Lower Sabie	60-75	deep	drying	0.230868	-0.29
Lower Sabie	60-75	deep	drying	0.237594	-0.32
Lower Sabie	60-75	deep	drying	0.252031	-0.34
Lower Sabie	60-75	deep	drying	0.253455	-0.28
Lower Sabie	60-75	deep	drying	0.258166	-0.25
Lower Sabie	60-75	deep	drying	0.273194	-0.24
Lower Sabie	60-75	deep	drying	0.286233	-0.36
Lower Sabie	60-75	deep	drying	0.297563	-0.24
Lower Sabie	60-75	deep	drying	0.303762	-0.21
Lower Sabie	60-75	deep	wetting	0.03101	-98.44
Lower Sabie	60-75	deep	wetting	0.03812	-62.04
Lower Sabie	60-75	deep	wetting	0.045659	-46.64
Lower Sabie	60-75	deep	wetting	0.048036	-42.19
Lower Sabie	60-75	deep	wetting	0.052478	-32.46
Lower Sabie	60-75	deep	wetting	0.058143	-30.69
Lower Sabie	60-75	deep	wetting	0.06781	-11.42
Lower Sabie	60-75	deep	wetting	0.071294	-8.2
Lower Sabie	60-75	deep	wetting	0.079949	-4.59
Lower Sabie	60-75	deep	wetting	0.083719	-3.17
Lower Sabie	60-75	deep	wetting	0.098462	-1.2
Lower Sabie	60-75	deep	wetting	0.099594	-1.08
Lower Sabie	60-75	deep	wetting	0.109728	-0.66
Lower Sabie	60-75	deep	wetting	0.112553	-0.46
Lower Sabie	60-75	deep	wetting	0.140879	-0.13
Phalaborwa	0-10	shallow	drying	0.009979	-66.19
Phalaborwa	0-10	shallow	drying	0.011768	-54.01
Phalaborwa	0-10	shallow	drying	0.011914	-47.17
Phalaborwa	0-10	shallow	drying	0.013069	-31.74
Phalaborwa	0-10	shallow	drying	0.013857	-35.29
Phalaborwa	0-10	shallow	drying	0.015481	-22.55
Phalaborwa	0-10	shallow	drying	0.016748	-17.9
Phalaborwa	0-10	shallow	drying	0.017117	-15.11
Phalaborwa	0-10	shallow	drying	0.019649	-8.5
Phalaborwa	0-10	shallow	drying	0.021018	-6.79
Phalaborwa	0-10	shallow	drying	0.025024	-3.87
Phalaborwa	0-10	shallow	drying	0.032622	-3.81

Appendix 1 continues →

APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Phalaborwa	0-10	shallow	drying	0.032703	-2.27
Phalaborwa	0-10	shallow	drying	0.035916	-1.4
Phalaborwa	0-10	shallow	drying	0.122261	-0.47
Phalaborwa	0-10	shallow	drying	0.251348	-0.63
Phalaborwa	0-10	shallow	wetting	0.012913	-39.38
Phalaborwa	0-10	shallow	wetting	0.017544	-13.66
Phalaborwa	0-10	shallow	wetting	0.029281	-1.46
Phalaborwa	0-10	shallow	wetting	0.031201	-1.53
Phalaborwa	0-10	shallow	wetting	0.038588	-1.25
Phalaborwa	0-10	shallow	wetting	0.038723	-1.1
Phalaborwa	0-10	shallow	wetting	0.056156	-0.68
Phalaborwa	0-10	shallow	wetting	0.075538	-0.63
Phalaborwa	0-10	shallow	wetting	0.076857	-0.61
Phalaborwa	0-10	shallow	wetting	0.077934	-0.6
Phalaborwa	30-40	intermediate	drying	0.011049	-87.53
Phalaborwa	30-40	intermediate	drying	0.012231	-46.13
Phalaborwa	30-40	intermediate	drying	0.012232	-86.59
Phalaborwa	30-40	intermediate	drying	0.012297	-76.67
Phalaborwa	30-40	intermediate	drying	0.017929	-36.16
Phalaborwa	30-40	intermediate	drying	0.020855	-17.9
Phalaborwa	30-40	intermediate	drying	0.021051	-18.49
Phalaborwa	30-40	intermediate	drying	0.022498	-19.01
Phalaborwa	30-40	intermediate	drying	0.027926	-4.58
Phalaborwa	30-40	intermediate	drying	0.039011	-3.44
Phalaborwa	30-40	intermediate	drying	0.039293	-2.74
Phalaborwa	30-40	intermediate	drying	0.047308	-2.42
Phalaborwa	30-40	intermediate	drying	0.055345	-1.09
Phalaborwa	30-40	intermediate	drying	0.063195	-1.36
Phalaborwa	30-40	intermediate	wetting	0.010441	-72.93
Phalaborwa	30-40	intermediate	wetting	0.012125	-54.91
Phalaborwa	30-40	intermediate	wetting	0.013036	-48.21
Phalaborwa	30-40	intermediate	wetting	0.013052	-50.05
Phalaborwa	30-40	intermediate	wetting	0.015197	-34.69
Phalaborwa	30-40	intermediate	wetting	0.025	-6.96
Phalaborwa	30-40	intermediate	wetting	0.026479	-5.58
Phalaborwa	30-40	intermediate	wetting	0.029205	-2.43
Phalaborwa	30-40	intermediate	wetting	0.029217	-2.77
Phalaborwa	30-40	intermediate	wetting	0.031124	-2.86
Phalaborwa	30-40	intermediate	wetting	0.031255	-4.95
Phalaborwa	30-40	intermediate	wetting	0.049334	-0.67
Phalaborwa	30-40	intermediate	wetting	0.05452	-0.66
Phalaborwa	75-80	deep	drying	0.012513	-56.68
Phalaborwa	75-80	deep	drying	0.012721	-64.06
Phalaborwa	75-80	deep	drying	0.014095	-47.74
Phalaborwa	75-80	deep	drying	0.015224	-41.35
Phalaborwa	75-80	deep	drying	0.016183	-34.52
Phalaborwa	75-80	deep	drying	0.017714	-33.25
Phalaborwa	75-80	deep	drying	0.019715	-20.17
Phalaborwa	75-80	deep	drying	0.022624	-9.52
Phalaborwa	75-80	deep	drying	0.035802	-2.38
Phalaborwa	75-80	deep	drying	0.039112	-2.05
Phalaborwa	75-80	deep	drying	0.047042	-0.99
Phalaborwa	75-80	deep	wetting	0.010515	-69.61
Phalaborwa	75-80	deep	wetting	0.010797	-71.37
Phalaborwa	75-80	deep	wetting	0.012661	-52.72
Phalaborwa	75-80	deep	wetting	0.025324	-5.11
Phalaborwa	75-80	deep	wetting	0.025478	-3.96
Phalaborwa	75-80	deep	wetting	0.026228	-4.15

Note: This is the Online Appendix of Buitenwerf, R., Kulmatiski, A. & Higgins, S.I., 2014, 'Soil water retention curves for the major soil types of the Kruger National Park', *Koedoe* 56(1), Art. #1228, 9 pages. <http://dx.doi.org/10.4102/koedoe.v56i1.1228>

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APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Phalaborwa	75-80	deep	wetting	0.045145	-0.73
Phalaborwa	75-80	deep	wetting	0.045396	-0.84
Phalaborwa	75-80	deep	wetting	0.047317	-0.74
Phalaborwa	75-80	deep	wetting	0.053326	-0.66
Phalaborwa	75-80	deep	wetting	0.054232	-0.64
Pretoriuskop	0-10	shallow	drying	0.005479	-84.7
Pretoriuskop	0-10	shallow	drying	0.005822	-68.86
Pretoriuskop	0-10	shallow	drying	0.010926	-23.19
Pretoriuskop	0-10	shallow	drying	0.01306	-14.23
Pretoriuskop	0-10	shallow	drying	0.015154	-12.37
Pretoriuskop	0-10	shallow	drying	0.015884	-7.45
Pretoriuskop	0-10	shallow	drying	0.020275	-4.4
Pretoriuskop	0-10	shallow	drying	0.024368	-2.75
Pretoriuskop	0-10	shallow	drying	0.024665	-3.42
Pretoriuskop	0-10	shallow	drying	0.035828	-1.84
Pretoriuskop	0-10	shallow	drying	0.045573	-0.93
Pretoriuskop	0-10	shallow	drying	0.049725	-0.95
Pretoriuskop	0-10	shallow	drying	0.117573	-0.72
Pretoriuskop	0-10	shallow	drying	0.130463	-0.42
Pretoriuskop	0-10	shallow	wetting	0.005647	-60
Pretoriuskop	0-10	shallow	wetting	0.007092	-46.36
Pretoriuskop	0-10	shallow	wetting	0.009662	-26.98
Pretoriuskop	0-10	shallow	wetting	0.012507	-14.28
Pretoriuskop	0-10	shallow	wetting	0.015972	-6.75
Pretoriuskop	0-10	shallow	wetting	0.016234	-5.92
Pretoriuskop	0-10	shallow	wetting	0.018089	-4.24
Pretoriuskop	0-10	shallow	wetting	0.022607	-1.93
Pretoriuskop	0-10	shallow	wetting	0.023583	-1.64
Pretoriuskop	0-10	shallow	wetting	0.025985	-1.63
Pretoriuskop	0-10	shallow	wetting	0.029709	-1.14
Pretoriuskop	0-10	shallow	wetting	0.032656	-0.89
Pretoriuskop	0-10	shallow	wetting	0.083641	-0.41
Pretoriuskop	0-10	shallow	wetting	0.124889	-0.41
Pretoriuskop	0-10	shallow	wetting	0.166777	-0.33
Pretoriuskop	30-40	intermediate	drying	0.006116	-67.49
Pretoriuskop	30-40	intermediate	drying	0.010199	-33.89
Pretoriuskop	30-40	intermediate	drying	0.011341	-28.79
Pretoriuskop	30-40	intermediate	drying	0.017055	-12.06
Pretoriuskop	30-40	intermediate	drying	0.020025	-5.99
Pretoriuskop	30-40	intermediate	drying	0.020908	-6.49
Pretoriuskop	30-40	intermediate	drying	0.03124	-2.29
Pretoriuskop	30-40	intermediate	drying	0.032607	-2.1
Pretoriuskop	30-40	intermediate	drying	0.040098	-1.37
Pretoriuskop	30-40	intermediate	drying	0.047927	-1.11
Pretoriuskop	30-40	intermediate	drying	0.059449	-0.9
Pretoriuskop	30-40	intermediate	drying	0.131276	-0.79
Pretoriuskop	30-40	intermediate	drying	0.137428	-0.69
Pretoriuskop	30-40	intermediate	wetting	0.006647	-74.71
Pretoriuskop	30-40	intermediate	wetting	0.008153	-48.37
Pretoriuskop	30-40	intermediate	wetting	0.010541	-36.94
Pretoriuskop	30-40	intermediate	wetting	0.014819	-20.91
Pretoriuskop	30-40	intermediate	wetting	0.017522	-10.72
Pretoriuskop	30-40	intermediate	wetting	0.01992	-6.85
Pretoriuskop	30-40	intermediate	wetting	0.023226	-3.08
Pretoriuskop	30-40	intermediate	wetting	0.023653	-2.6
Pretoriuskop	30-40	intermediate	wetting	0.026547	-1.67
Pretoriuskop	30-40	intermediate	wetting	0.030428	-1.37
Pretoriuskop	30-40	intermediate	wetting	0.035084	-0.8
Pretoriuskop	30-40	intermediate	wetting	0.037062	-0.79
Pretoriuskop	30-40	intermediate	wetting	0.047016	-0.56

Appendix 1 continues →

APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Pretoriuskop	30-40	intermediate	wetting	0.059818	-0.42
Pretoriuskop	30-40	intermediate	wetting	0.080164	-0.32
Pretoriuskop	90-100	deep	drying	0.009143	-51.8
Pretoriuskop	90-100	deep	drying	0.013526	-33.5
Pretoriuskop	90-100	deep	drying	0.019536	-20.93
Pretoriuskop	90-100	deep	drying	0.024438	-9.04
Pretoriuskop	90-100	deep	drying	0.032758	-3.32
Pretoriuskop	90-100	deep	drying	0.037332	-2.03
Pretoriuskop	90-100	deep	drying	0.042469	-1.07
Pretoriuskop	90-100	deep	drying	0.055708	-1.14
Pretoriuskop	90-100	deep	drying	0.081336	-0.77
Pretoriuskop	90-100	deep	drying	0.119746	-0.5
Pretoriuskop	90-100	deep	drying	0.146705	-0.73
Pretoriuskop	90-100	deep	wetting	0.007025	-78.6
Pretoriuskop	90-100	deep	wetting	0.008589	-57.81
Pretoriuskop	90-100	deep	wetting	0.009423	-46.98
Pretoriuskop	90-100	deep	wetting	0.013333	-31.89
Pretoriuskop	90-100	deep	wetting	0.015842	-25.87
Pretoriuskop	90-100	deep	wetting	0.01767	-20.46
Pretoriuskop	90-100	deep	wetting	0.018928	-22.07
Pretoriuskop	90-100	deep	wetting	0.020514	-13.58
Pretoriuskop	90-100	deep	wetting	0.023005	-13.45
Pretoriuskop	90-100	deep	wetting	0.02777	-5.4
Pretoriuskop	90-100	deep	wetting	0.029044	-4.01
Pretoriuskop	90-100	deep	wetting	0.034237	-1.49
Pretoriuskop	90-100	deep	wetting	0.0434	-0.89
Pretoriuskop	90-100	deep	wetting	0.044937	-0.76
Pretoriuskop	90-100	deep	wetting	0.066003	-0.45
Punda	0-10	shallow	drying	0.006314	-67.76
Punda	0-10	shallow	drying	0.008532	-35.26
Punda	0-10	shallow	drying	0.011107	-17.68
Punda	0-10	shallow	drying	0.011833	-14.97
Punda	0-10	shallow	drying	0.012301	-13.34
Punda	0-10	shallow	drying	0.015718	-6.79
Punda	0-10	shallow	drying	0.024232	-3.53
Punda	0-10	shallow	drying	0.026622	-2.88
Punda	0-10	shallow	drying	0.028703	-1.8
Punda	0-10	shallow	drying	0.029097	-2.71
Punda	0-10	shallow	drying	0.031058	-2.7
Punda	0-10	shallow	drying	0.032091	-2.32
Punda	0-10	shallow	drying	0.034812	-2.06
Punda	0-10	shallow	drying	0.042666	-1.15
Punda	0-10	shallow	drying	0.054949	-0.63
Punda	0-10	shallow	drying	0.061507	-0.44
Punda	0-10	shallow	wetting	0.007793	-37.16
Punda	0-10	shallow	wetting	0.007961	-33.13
Punda	0-10	shallow	wetting	0.010181	-16
Punda	0-10	shallow	wetting	0.011289	-13.63
Punda	0-10	shallow	wetting	0.012181	-14.68
Punda	0-10	shallow	wetting	0.012712	-12.59
Punda	0-10	shallow	wetting	0.015859	-3.7
Punda	0-10	shallow	wetting	0.016049	-6
Punda	0-10	shallow	wetting	0.017785	-4.19
Punda	0-10	shallow	wetting	0.022194	-1.4
Punda	0-10	shallow	wetting	0.024957	-1.04
Punda	0-10	shallow	wetting	0.025875	-1.41
Punda	0-10	shallow	wetting	0.036774	-0.54
Punda	0-10	shallow	wetting	0.051129	-0.53

Note: This is the Online Appendix of Buitenwerf, R., Kulmatiski, A. & Higgins, S.I., 2014, 'Soil water retention curves for the major soil types of the Kruger National Park', *Koedoe* 56(1), Art. #1228, 9 pages. <http://dx.doi.org/10.4102/koedoe.v56i1.1228>

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APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Punda	30-40	intermediate	drying	0.005544	-57.73
Punda	30-40	intermediate	drying	0.007796	-29.71
Punda	30-40	intermediate	drying	0.010141	-16.51
Punda	30-40	intermediate	drying	0.016102	-4.55
Punda	30-40	intermediate	drying	0.017103	-3.98
Punda	30-40	intermediate	drying	0.017845	-4.41
Punda	30-40	intermediate	drying	0.020589	-2.67
Punda	30-40	intermediate	drying	0.025579	-1.98
Punda	30-40	intermediate	drying	0.02974	-1.84
Punda	30-40	intermediate	drying	0.048164	-1.04
Punda	30-40	intermediate	drying	0.052495	-0.91
Punda	30-40	intermediate	drying	0.059482	-0.62
Punda	30-40	intermediate	drying	0.064276	-0.69
Punda	30-40	intermediate	drying	0.069345	-0.54
Punda	30-40	intermediate	drying	0.071137	-0.63
Punda	30-40	intermediate	drying	0.07385	-0.57
Punda	30-40	intermediate	drying	0.082121	-0.54
Punda	30-40	intermediate	wetting	0.004487	-88.42
Punda	30-40	intermediate	wetting	0.005014	-71.18
Punda	30-40	intermediate	wetting	0.006416	-42.02
Punda	30-40	intermediate	wetting	0.006766	-38.98
Punda	30-40	intermediate	wetting	0.007621	-33.68
Punda	30-40	intermediate	wetting	0.007746	-28.94
Punda	30-40	intermediate	wetting	0.008157	-29.06
Punda	30-40	intermediate	wetting	0.011473	-15.95
Punda	30-40	intermediate	wetting	0.011823	-16.1
Punda	30-40	intermediate	wetting	0.013135	-10.97
Punda	30-40	intermediate	wetting	0.013333	-11.07
Punda	30-40	intermediate	wetting	0.013737	-9.8
Punda	30-40	intermediate	wetting	0.016794	-2.84
Punda	30-40	intermediate	wetting	0.023109	-0.93
Punda	30-40	intermediate	wetting	0.03256	-0.59
Punda	30-40	intermediate	wetting	0.047013	-0.48
Punda	100-110	deep	drying	0.002831	-78.86
Punda	100-110	deep	drying	0.00418	-68.74
Punda	100-110	deep	drying	0.004547	-41.32
Punda	100-110	deep	drying	0.004849	-34.02
Punda	100-110	deep	drying	0.009323	-16.8
Punda	100-110	deep	drying	0.010361	-16.01
Punda	100-110	deep	drying	0.011087	-16.27
Punda	100-110	deep	drying	0.012495	-7.53
Punda	100-110	deep	drying	0.012926	-6.51
Punda	100-110	deep	drying	0.016672	-4.81
Punda	100-110	deep	drying	0.019993	-3.78
Punda	100-110	deep	drying	0.025948	-2.23
Punda	100-110	deep	drying	0.027027	-1.63
Punda	100-110	deep	drying	0.031145	-1.12
Punda	100-110	deep	drying	0.032063	-0.73
Punda	100-110	deep	wetting	0.003118	-95.2
Punda	100-110	deep	wetting	0.00336	-90.65
Punda	100-110	deep	wetting	0.003471	-76.45
Punda	100-110	deep	wetting	0.005647	-37.24
Punda	100-110	deep	wetting	0.006101	-33.34
Punda	100-110	deep	wetting	0.007127	-27.28
Punda	100-110	deep	wetting	0.009223	-18.98
Punda	100-110	deep	wetting	0.017557	-1.73
Punda	100-110	deep	wetting	0.021024	-0.81
Punda	100-110	deep	wetting	0.034393	-0.51
Satara	0-10	shallow	drying	0.039415	-71
Satara	0-10	shallow	drying	0.04081	-73.24

Appendix 1 continues →

APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Satara	0-10	shallow	drying	0.047041	-63.08
Satara	0-10	shallow	drying	0.047644	-55.69
Satara	0-10	shallow	drying	0.050341	-48.23
Satara	0-10	shallow	drying	0.070283	-15.48
Satara	0-10	shallow	drying	0.091481	-4.93
Satara	0-10	shallow	drying	0.109281	-2.29
Satara	0-10	shallow	drying	0.11519	-2.05
Satara	0-10	shallow	drying	0.126816	-1.49
Satara	0-10	shallow	drying	0.131018	-1.66
Satara	0-10	shallow	drying	0.131093	-1.29
Satara	0-10	shallow	drying	0.154174	-1.33
Satara	0-10	shallow	drying	0.16729	-0.84
Satara	0-10	shallow	drying	0.182524	-0.81
Satara	0-10	shallow	drying	0.186094	-0.71
Satara	0-10	shallow	drying	0.189272	-0.64
Satara	0-10	shallow	drying	0.190546	-1.25
Satara	0-10	shallow	drying	0.262192	-0.52
Satara	0-10	shallow	drying	0.283425	-0.53
Satara	0-10	shallow	wetting	0.046313	-49
Satara	0-10	shallow	wetting	0.078988	-6.79
Satara	0-10	shallow	wetting	0.119982	-1.02
Satara	0-10	shallow	wetting	0.135597	-0.83
Satara	0-10	shallow	wetting	0.169119	-0.58
Satara	0-10	shallow	wetting	0.191265	-0.41
Satara	0-10	shallow	wetting	0.1965	-0.3
Satara	30-35	intermediate	drying	0.057152	-87.11
Satara	30-35	intermediate	drying	0.067998	-74.43
Satara	30-35	intermediate	drying	0.079233	-56.38
Satara	30-35	intermediate	drying	0.098403	-29.01
Satara	30-35	intermediate	drying	0.098469	-22.9
Satara	30-35	intermediate	drying	0.099708	-24.78
Satara	30-35	intermediate	drying	0.106424	-16.42
Satara	30-35	intermediate	drying	0.113804	-13.81
Satara	30-35	intermediate	drying	0.122486	-7.54
Satara	30-35	intermediate	drying	0.129991	-5.7
Satara	30-35	intermediate	drying	0.144404	-5.63
Satara	30-35	intermediate	drying	0.174489	-1.21
Satara	30-35	intermediate	drying	0.184557	-1.11
Satara	30-35	intermediate	drying	0.198256	-1.45
Satara	30-35	intermediate	drying	0.266569	-0.64
Satara	30-35	intermediate	wetting	0.061971	-71.63
Satara	30-35	intermediate	wetting	0.079624	-43.52
Satara	30-35	intermediate	wetting	0.102993	-16.16
Satara	30-35	intermediate	wetting	0.104718	-14.02
Satara	30-35	intermediate	wetting	0.107327	-12.64
Satara	30-35	intermediate	wetting	0.126796	-5.26
Satara	30-35	intermediate	wetting	0.14624	-2.75
Satara	30-35	intermediate	wetting	0.148255	-2.83
Satara	30-35	intermediate	wetting	0.149174	-2.03
Satara	30-35	intermediate	wetting	0.14963	-2.11
Satara	30-35	intermediate	wetting	0.161786	-2.08
Satara	30-35	intermediate	wetting	0.164617	-1.51
Satara	30-35	intermediate	wetting	0.22842	-0.8
Satara	50-60	deep	drying	0.075235	-68.39
Satara	50-60	deep	drying	0.090962	-38
Satara	50-60	deep	drying	0.102064	-24.12
Satara	50-60	deep	drying	0.102779	-31.72
Satara	50-60	deep	drying	0.116886	-11.56

Note: This is the Online Appendix of Buitenwerf, R., Kulmatiski, A. & Higgins, S.I., 2014, 'Soil water retention curves for the major soil types of the Kruger National Park', *Koedoe* 56(1), Art. #1228, 9 pages. <http://dx.doi.org/10.4102/koedoe.v56i1.1228>

Appendix 1 continues on next page →



APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Satara	50-60	deep	drying	0.121141	-20.89
Satara	50-60	deep	drying	0.131707	-5.81
Satara	50-60	deep	drying	0.149143	-5.37
Satara	50-60	deep	drying	0.155535	-3.23
Satara	50-60	deep	drying	0.177935	-1.89
Satara	50-60	deep	drying	0.1978	-1.33
Satara	50-60	deep	drying	0.221217	-0.82
Satara	50-60	deep	drying	0.226267	-0.8
Satara	50-60	deep	drying	0.246279	-0.71
Satara	50-60	deep	drying	0.335971	-0.58
Satara	50-60	deep	wetting	0.076966	-48.74
Satara	50-60	deep	wetting	0.117016	-11.64
Satara	50-60	deep	wetting	0.135288	-5.3
Satara	50-60	deep	wetting	0.151249	-3.73
Satara	50-60	deep	wetting	0.163091	-2.01
Satara	50-60	deep	wetting	0.185801	-1.02
Satara	50-60	deep	wetting	0.187607	-1.05
Satara	50-60	deep	wetting	0.190178	-1.46
Satara	50-60	deep	wetting	0.212705	-0.75
Satara	50-60	deep	wetting	0.21324	-0.69
Satara	50-60	deep	wetting	0.215883	-0.57
Satara	50-60	deep	wetting	0.23448	-0.43
Satara	50-60	deep	wetting	0.248767	-0.42
Skukuza	0-10	shallow	drying	0.007206	-89.19
Skukuza	0-10	shallow	drying	0.008104	-71.51
Skukuza	0-10	shallow	drying	0.010476	-42.87
Skukuza	0-10	shallow	drying	0.014732	-15.05
Skukuza	0-10	shallow	drying	0.017348	-7.83
Skukuza	0-10	shallow	drying	0.019771	-6.31
Skukuza	0-10	shallow	drying	0.020298	-7.17
Skukuza	0-10	shallow	drying	0.021638	-4.76
Skukuza	0-10	shallow	drying	0.029845	-3.3
Skukuza	0-10	shallow	drying	0.03167	-3.06
Skukuza	0-10	shallow	drying	0.033444	-2.26
Skukuza	0-10	shallow	drying	0.046563	-1.2
Skukuza	0-10	shallow	drying	0.054139	-0.72
Skukuza	0-10	shallow	drying	0.07543	-0.45
Skukuza	0-10	shallow	wetting	0.00668	-99.31
Skukuza	0-10	shallow	wetting	0.007973	-66.97
Skukuza	0-10	shallow	wetting	0.008557	-60.34
Skukuza	0-10	shallow	wetting	0.010848	-31.84
Skukuza	0-10	shallow	wetting	0.013835	-12.09
Skukuza	0-10	shallow	wetting	0.014288	-9.5

Appendix 1 continues →

APPENDIX 1 (Continues....): Water potential and water content data.

Site	Depth (cm)	Depth category	Curve type	Water content	Water potential (MPa)
Skukuza	0-10	shallow	wetting	0.015212	-6.95
Skukuza	0-10	shallow	wetting	0.021604	-2.14
Skukuza	0-10	shallow	wetting	0.025685	-1.55
Skukuza	0-10	shallow	wetting	0.02733	-1.35
Skukuza	0-10	shallow	wetting	0.027981	-1.33
Skukuza	0-10	shallow	wetting	0.035883	-0.97
Skukuza	0-10	shallow	wetting	0.052724	-0.66
Skukuza	0-10	shallow	wetting	0.058812	-0.56
Skukuza	30-40	intermediate	drying	0.00844	-78.14
Skukuza	30-40	intermediate	drying	0.008735	-73.89
Skukuza	30-40	intermediate	drying	0.010938	-51.31
Skukuza	30-40	intermediate	drying	0.01359	-33.24
Skukuza	30-40	intermediate	drying	0.013881	-27.9
Skukuza	30-40	intermediate	drying	0.016539	-9.14
Skukuza	30-40	intermediate	drying	0.022741	-4.53
Skukuza	30-40	intermediate	drying	0.035449	-2.44
Skukuza	30-40	intermediate	drying	0.055537	-0.88
Skukuza	30-40	intermediate	drying	0.070392	-0.54
Skukuza	30-40	intermediate	wetting	0.010721	-48.54
Skukuza	30-40	intermediate	wetting	0.011905	-42.41
Skukuza	30-40	intermediate	wetting	0.012342	-40.53
Skukuza	30-40	intermediate	wetting	0.012943	-37.53
Skukuza	30-40	intermediate	wetting	0.0152	-27.68
Skukuza	30-40	intermediate	wetting	0.019376	-10.46
Skukuza	30-40	intermediate	wetting	0.021561	-5.15
Skukuza	30-40	intermediate	wetting	0.026745	-2.43
Skukuza	30-40	intermediate	wetting	0.032657	-1.29
Skukuza	30-40	intermediate	wetting	0.041762	-0.79
Skukuza	30-40	intermediate	wetting	0.045775	-0.72
Skukuza	30-40	intermediate	wetting	0.051471	-0.61
Skukuza	50-60	deep	wetting	0.012969	-67.76
Skukuza	50-60	deep	wetting	0.015625	-42.94
Skukuza	50-60	deep	wetting	0.0167	-40.17
Skukuza	50-60	deep	wetting	0.016845	-42.71
Skukuza	50-60	deep	wetting	0.019955	-29.94
Skukuza	50-60	deep	wetting	0.024012	-15.99
Skukuza	50-60	deep	wetting	0.024186	-18.65
Skukuza	50-60	deep	wetting	0.037931	-1.7
Skukuza	50-60	deep	wetting	0.039212	-1.49
Skukuza	50-60	deep	wetting	0.044993	-1.22
Skukuza	50-60	deep	wetting	0.054097	-0.82
Skukuza	50-60	deep	wetting	0.05569	-0.71
Skukuza	50-60	deep	wetting	0.060967	-0.68

Note: This is the Online Appendix of Buitenwerf, R., Kulmatiski, A. & Higgins, S.I., 2014, 'Soil water retention curves for the major soil types of the Kruger National Park', *Koedoe* 56(1), Art. #1228, 9 pages. <http://dx.doi.org/10.4102/koedoe.v56i1.1228>