

Water Table, Soil Water Content, Soil Temperature



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Structure

- WT (wetlands only)
- Wetlands ST & SWC
- Grassland ST & SWC
- Arable ST & SWC
- Forests ST & SWC
- Comments

WT: Water Table

ST: Soil Temperature

SWC: Soil Water Content

Water Table wetland

Site	WT-min	WT-max	WT-mean	WT-count	
Amo	-0.19	38.28	2.70	30143	continuous
Amo	-55.00	5.50	-12.91	657	dip-wells
Lom	-3.88	11.57	0.61	36325	

Site	WT-min	WT-max	WT-mean	WT-count	
Amo	-38.28	0.19	-1.920	30143	continuous
Amo	-55.00	5.50	-12.91	657	dip-wells
Lom	-3.88	11.57	0.61	36325	

Soil Temperature wetland

Site	ST-min	ST-max	ST-mean	ST-count
Amo	3.15	14.11	8.51	42003
Amo	3.64	13.24	8.57	41999
Amo	4.06	13.86	8.60	42003
Amo	3.23	15.30	8.65	42004
Lom	-2.82	15.53	4.15	41087
Lom	0.00	13.34	4.24	41087
Lom	0.00	10.50	4.19	41087
Lom	-32.67	284.67	11.27	8668

Soil Water Content wetland

Site	SWC-min	SWC-max	SWC-mean	SWC-count
Amo	27.32	100	94.84	573
Lom	-3.04	7100.43	83.93	34903
Lom	1298.13	158834.81	73795.08	8615
Lom	0.00	172.19	0.15	8567
Lom	NaN	NaN	NaN	NaN

Manual measurements at chambers

Something odd

Soil Temperature grassland

Site	ST-min	ST-max	ST-mean	ST-count
Bug	0.93	22.12	11.45	7298
Bug	0.35	25.13	11.55	29306
Bug	NaN	NaN	NaN	NaN
Bug	1.87	21.13	11.37	22008
Ebu	-0.24	22.16	8.36	37113
Ebu	0.04	20.94	8.48	37113
Ebu	0.59	18.24	8.59	37114
Ebu	1.50	17.35	8.53	37113
Oen	-3.73	30.10	10.96	41076
Oen	-1.51	25.73	11.68	24839
Oen	0.66	23.60	11.06	42407
Oen	-0.40	25.55	10.86	42407

Soil Water Content grassland

Site	SWC-min	SWC-max	SWC-mean	SWC-count
Bug	4.17	22.01	9.31	7324
Bug	0.01	12.98	6.96	29332
Bug	NaN	NaN	NaN	NaN
Bug	0.01	22.26	9.46	22006
Ebu	6.90	121.20	38.29	24301
Ebu	12.80	83.95	38.36	24300
Ebu	12.70	100.40	36.00	24300
Ebu	-0.15	113.80	31.79	24301
Oen	24.35	55.20	43.68	38479
Oen	25.13	52.50	45.69	24837
Oen	21.90	52.25	45.64	42405
Oen	22.35	52.35	45.82	42405

Soil Temperature arable

Site	ST-min	ST-max	ST-mean	ST-count
Bci	3.64	39.49	17.47	21977
Bci	5.82	35.01	17.78	10760
Bci	7.64	30.92	18.26	7408
Bci	19.47	27.29	23.81	3884
Cas	1.09	34.35	13.68	30878
Cas	2.22	27.88	14.28	13984
Cas	1.97	30.55	13.75	22793
Cas	4.35	32.62	14.48	6913
Geb	-10.09	43.52	10.70	35040
Geb	-4.13	29.75	10.48	35040
Geb	0.50	21.73	10.27	35040
Geb	NaN	NaN	NaN	NaN
Gri	-6.12	42.74	10.53	20619
Gri	-0.74	28.45	10.84	20823
Gri	0.80	25.91	11.16	21207
Gri	3.88	21.92	11.71	21761

Soil Water Content arable

Site	SWC-min	SWC-max	SWC-mean	SWC-count
Bci	10.70	42.50	26.76	21077
Bci	32.90	49.20	37.89	1994
Bci	42.90	55.30	46.86	1994
Bci	47.10	56.80	50.05	1994
Cas	NaN	NaN	NaN	NaN
Cas	21.14	66.56	47.60	27086
Cas	32.72	65.38	51.81	5650
Cas	NaN	NaN	NaN	NaN
Geb	12.37	40.40	23.82	30515
Geb	16.62	42.29	26.04	31078
Geb	22.35	34.76	27.02	31910
Geb	NaN	NaN	NaN	NaN
Gri	9.97	43.66	29.74	17979
Gri	15.87	41.65	28.40	19916
Gri	14.20	36.26	28.29	19743
Gri	21.96	35.08	29.28	20978

Soil Temperature forest

Site	ST-min	ST-max	ST-mean	ST-count
Hog	-0.18	21.83	7.22	21399
Hog	-23.83	21.58	6.82	21413
Hog	-0.49	21.63	6.55	21399
Hog	0.00	21.60	6.95	21400
Hyy	-0.27	19.82	5.77	26036
Hyy	-1.15	15.61	4.62	26035
Hyy	-0.62	14.63	4.79	26034
Hyy	-0.13	13.29	4.85	26035
Sor	1.51	17.04	8.87	40596
Sor	2.26	15.74	8.89	40596
Sor	NaN	NaN	NaN	NaN
Sor	NaN	NaN	NaN	NaN
Spe	-2.26	29.05	10.34	32386
Spe	-0.40	19.40	10.15	32386
Spe	1.85	17.01	10.19	32386
Spe	3.60	15.52	9.65	25734

Soil Water Content forest

Site	SWC-min	SWC-max	SWC-mean	SWC-count
Hog	11.34	25.42	19.01	20443
Hog	11.50	22.44	17.49	20443
Hog	11.24	22.24	17.26	20443
Hog	11.21	21.19	17.19	20443
Hyy	0.11	38.74	13.83	25680
Hyy	0.13	39.23	17.13	25659
Hyy	0.19	48.86	23.42	24823
Hyy	0.22	53.37	24.36	23584
Sor	6.96	46.48	26.84	34492
Sor	NaN	NaN	NaN	NaN
Sor	NaN	NaN	NaN	NaN
Sor	NaN	NaN	NaN	NaN
Spe	4.50	22.76	17.25	35209
Spe	4.00	24.03	17.27	35209
Spe	3.40	27.81	19.23	35209
Spe	NaN	NaN	NaN	NaN

Comments

- depths: default 0.035, 0.075, 0.15, 0.3 m need to be checked & altered
- if too different, difficult to compare
- soil temp. data quite good
- more strange values & gaps for soil water content