

Bodenmesswerte

Etziken

Wald

Saure Braunerde; pseudogleyig, gleyig

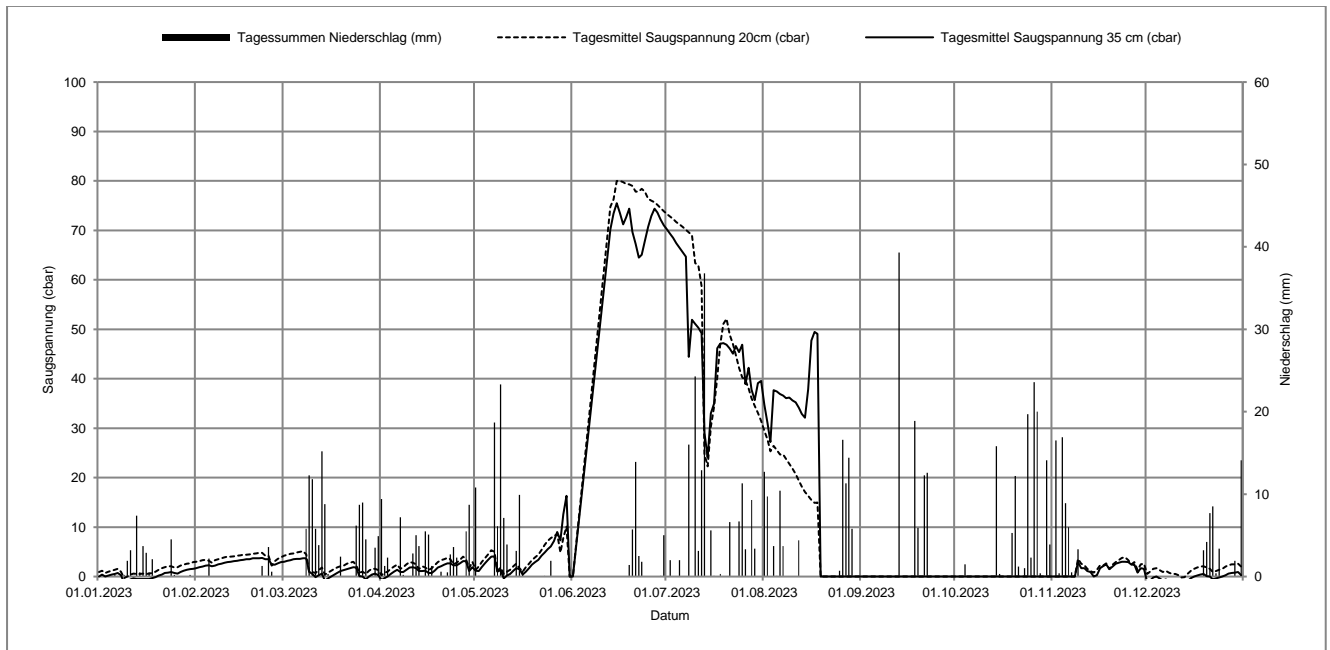
Koordinaten 615337 / 227471, 465 müM

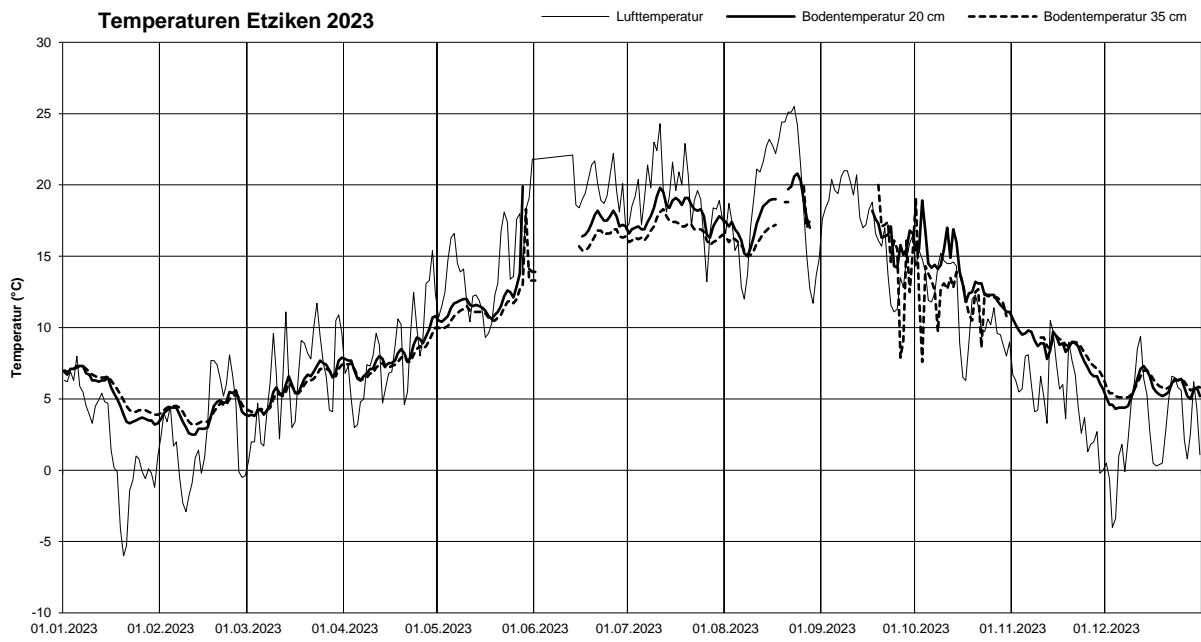
mittelschwerer Boden

2023 Tag	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez		
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	
1	0.0	0.1	1.7	0.0	3.0	0.0	-0.7	9.4	1.2	10.8	0.0	0.0	70.2	0.0	34.8	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-1.1	0.0
2	0.4	0.0	1.9	0.0	3.2	0.0	-0.3	1.3	1.1	0.1	0.0	0.0	69.3	2.0	31.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	16.5	-0.8	0.0
3	0.0	0.1	2.0	0.0	3.3	0.0	0.0	2.3	1.9	0.0	0.0	0.0	68.5	0.0	27.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.2	0.0
4	0.2	0.1	2.2	0.0	3.5	0.0	0.5	0.0	2.7	0.0	0.0	0.0	67.4	0.0	37.7	3.7	0.0	0.0	0.0	1.5	0.0	16.9	0.0	0.0	0.0
5	0.4	0.1	2.3	2.2	3.6	0.0	1.0	0.0	3.4	0.0	0.0	0.0	66.5	2.0	37.4	0.1	0.0	0.0	0.0	0.0	0.0	8.9	-0.4	0.0	
6	0.5	0.2	2.1	0.0	3.6	0.0	1.4	0.0	4.0	0.0	0.0	0.0	65.6	0.0	36.9	10.4	0.0	0.0	0.0	0.0	0.0	6.0	-0.8	0.0	
7	0.7	0.1	2.2	0.0	3.7	0.0	0.9	7.2	4.1	18.7	0.0	0.0	64.7	0.0	36.6	3.7	0.0	0.0	0.0	0.0	0.0	0.5	-0.6	0.0	
8	0.3	0.0	2.5	0.0	3.7	5.8	0.9	0.2	1.0	6.1	0.0	0.0	44.4	16.0	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	
9	-1.2	0.2	2.6	0.0	1.0	12.3	1.4	0.0	1.3	23.3	0.0	0.0	51.9	0.0	36.2	0.0	0.0	0.0	0.0	0.0	2.9	3.3	-1.2	0.0	
10	-1.0	1.9	2.8	0.0	0.5	11.8	1.8	0.0	-0.4	7.1	0.0	0.0	51.1	24.3	35.6	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.1	0.0	
11	-0.6	3.2	2.9	0.0	-0.1	5.8	1.9	2.8	0.2	3.9	0.0	0.0	50.3	3.1	35.2	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.2	0.0	
12	-0.4	0.0	3.0	0.0	0.3	3.8	1.7	5.0	0.5	0.1	0.0	0.0	49.2	12.9	34.1	4.4	0.0	0.0	0.0	0.0	1.1	0.0	-1.7	0.0	
13	-0.5	7.4	3.1	0.0	0.6	15.2	1.1	3.7	1.2	0.0	0.0	0.0	70.2	0.0	32.9	0.0	0.0	39.3	0.0	0.0	0.9	0.0	-1.6	0.0	
14	-0.5	0.5	3.2	0.0	-0.8	8.8	1.1	0.0	1.7	3.1	73.4	0.0	24.1	0.0	32.1	0.0	0.0	0.1	0.0	15.8	0.0	0.0	-0.9	0.0	
15	-0.5	3.7	3.3	0.0	-0.4	0.3	1.2	5.5	1.5	9.9	75.5	0.0	33.0	5.6	37.9	0.0	0.0	0.0	0.0	0.3	0.3	0.0	-0.3	0.0	
16	-0.5	2.9	3.4	0.0	0.0	0.0	0.7	5.1	0.4	0.7	73.5	0.0	35.0	0.1	47.7	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	
17	-0.5	0.5	3.5	0.0	0.4	0.0	0.7	1.3	1.0	0.0	71.2	0.0	46.2	0.0	49.5	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.2	0.0	
18	-0.3	2.1	3.5	0.0	0.8	0.0	1.2	0.0	1.7	0.0	72.6	0.0	47.1	0.3	49.1	0.0	0.0	18.9	0.0	0.0	2.5	0.0	0.4	0.0	
19	-0.1	0.0	3.7	0.0	1.1	2.4	1.8	0.0	2.4	0.0	74.4	1.4	47.2	0.0	0.0	0.0	0.0	5.9	0.0	5.3	1.5	0.0	0.5	3.2	
20	0.2	0.0	3.7	0.0	1.3	0.0	2.1	0.6	2.9	0.0	69.7	5.7	46.9	0.0	0.0	0.0	0.0	0.0	0.0	12.2	2.0	0.0	0.1	4.2	
21	0.4	0.0	3.7	0.0	1.5	0.0	2.4	0.0	3.4	0.0	67.3	13.9	46.1	6.6	0.0	0.0	0.0	12.3	0.0	1.2	2.6	0.0	0.0	7.7	
22	0.7	0.0	3.8	1.3	1.7	0.0	2.7	0.5	4.2	0.0	64.5	2.5	45.1	0.0	0.0	0.0	0.0	12.6	0.0	0.0	2.8	0.0	-0.6	8.5	
23	0.8	0.0	3.5	0.1	1.9	0.0	2.7	2.7	4.9	0.1	65.1	1.8	46.6	0.0	0.0	0.0	0.0	0.1	0.0	1.0	3.0	0.0	-0.4	0.4	
24	0.9	4.5	3.5	3.6	1.8	6.2	2.3	3.6	5.5	0.0	67.9	0.0	45.4	6.7	0.0	0.0	0.0	0.0	0.0	19.7	3.0	0.0	-0.2	3.4	
25	0.7	0.2	2.4	0.6	0.1	8.7	2.3	2.3	6.1	1.9	70.7	0.0	46.9	11.3	0.0	0.7	0.0	0.0	0.0	2.3	2.9	0.0	0.0	0.1	
26	0.6	0.0	2.4	0.0	0.0	9.0	2.7	0.0	7.2	0.0	72.9	0.0	38.9	3.3	0.0	16.6	0.0	0.0	0.0	23.6	2.4	0.0	0.3	0.0	
27	0.9	0.0	2.7	0.0	-0.6	4.5	3.1	0.0	9.0	0.0	74.4	0.0	42.2	0.0	0.0	11.3	0.0	0.0	0.0	20.0	2.4	0.0	0.6	0.0	
28	1.2	0.0	2.9	0.0	0.0	0.0	3.1	5.5	7.3	0.0	73.6	0.0	37.8	9.3	0.0	14.4	0.0	0.0	0.0	0.4	0.8	0.0	0.7	0.0	
29	1.4	0.0			0.4	0.2	1.1	8.7	12.6	0.0	72.2	0.1	35.7	3.4	0.0	5.8	0.0	0.0	0.0	0.0	1.7	0.0	0.8	1.9	
30	1.5	0.2			0.6	3.5	1.9	0.0	16.3	0.0	71.0	5.0	39.1	0.0	0.0	0.0	0.0	0.0	0.0	14.1	1.6	0.0	0.9	0.1	
31	1.6	0.0			0.3	4.9			0.0	0.0			39.6	0.0	0.0	0.1				3.9		0.3	14.1		

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	28.0	7.8	104.3	66.6	85.8	30.4	143.7	93.6	89.2	121.3	52.6	56.9
Saugspannung 20 cm (cbar)	Monatsmittel	1.3	3.8	2.3	2.4	3.6	75.1	50.4	12.2	0.0	0.0	1.7	1.2
	Maximum	2.9	4.9	5.1	4.4	12.6	80.0	73.7	30.0	0.0	0.0	4.1	2.8
	Minimum	-0.6	1.8	-0.4	-0.1	-0.1	0.0	15.4	0.0	0.0	0.0	0.0	-0.7
Saugspannung 35 cm (cbar)	Monatsmittel	0.2	2.9	1.3	1.5	3.1	69.3	48.1	20.6	0.0	0.0	1.3	-0.2
	Maximum	1.7	3.8	3.9	3.4	18.2	80.0	70.7	50.1	0.0	0.0	3.1	2.2
	Minimum	-1.9	1.4	-1.6	-0.9	-0.8	0.0	4.3	0.0	0.0	0.0	-0.9	-2.2
Bodentemperatur 20 cm (°C)	Monatsmittel	5.3	4.0	5.9	8.0	11.9	17.2	18.0	17.8	16.7	13.4	8.5	5.8
	Maximum	7.6	5.8	8.1	11.3	15.2	19.1	21.0	20.7	20.2	20.2	11.1	7.5
	Minimum	3.1	2.4	3.6	5.8	0.0	0.0	15.4	0.0	0.0	0.0	5.4	4.2
Bodentemperatur 35 cm (°C)	Monatsmittel	5.7	4.2	5.7	7.7	11.3	16.2	16.8	16.6	14.8	12.8	8.5	6.1
	Maximum	7.4	5.4	7.6	10.0	13.6	19.5	18.7	19.5	20.4	18.5	10.7	7.1
	Minimum	3.8	3.1	4.1	6.1	0.0	0.0	15.6	0.0	0.0	0.0	0.0	5.0
Lufttemperatur (°C)	Monatsmittel	2.1	2.7	6.4	8.1	14.1	19.7	19.3	19.1	17.1	11.6	5.1	3.9
	Maximum	10.1	14.3	18.2	20.9	25.6	30.3	33.3	33.3	28.9	22.2	13.0	11.1
	Minimum	-9.9	-6.4	-3.2	-2.9	5.8	10.2	9.9	6.1	0.0	0.0	-1.5	-7.1





Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken

Wald

Saure Braunerde; pseudogleyig, gleyig

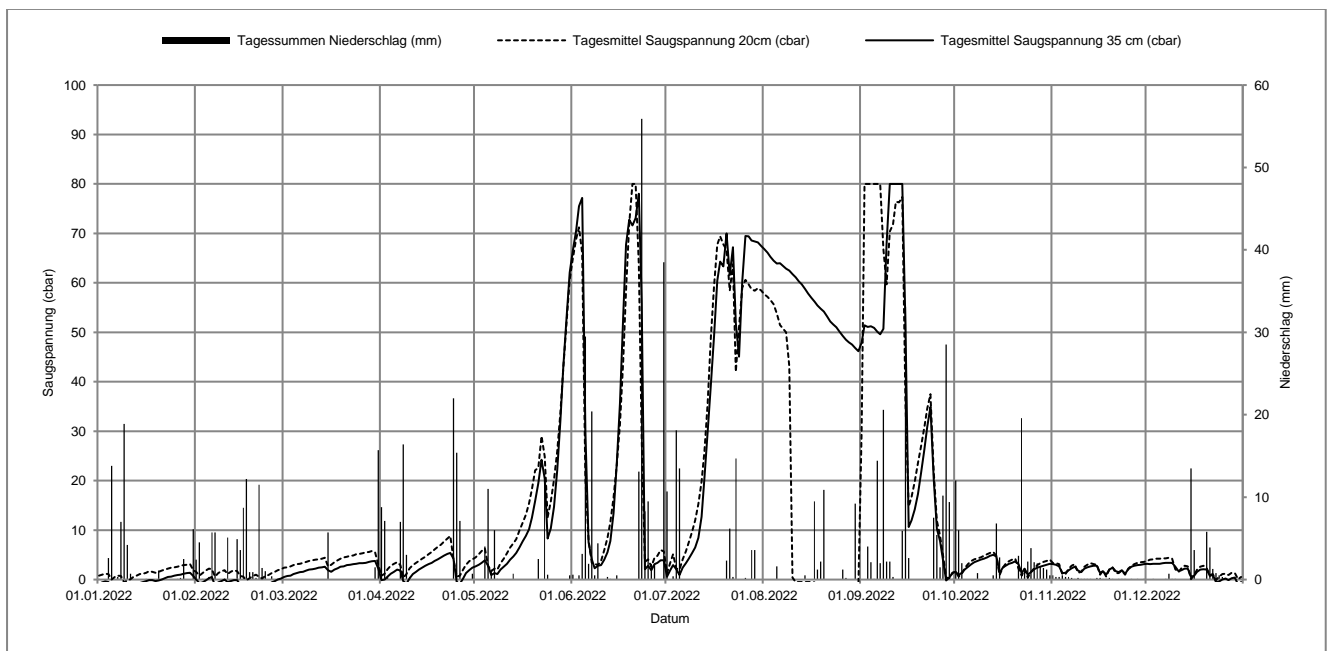
Koordinaten 615337 / 227471, 465 müM

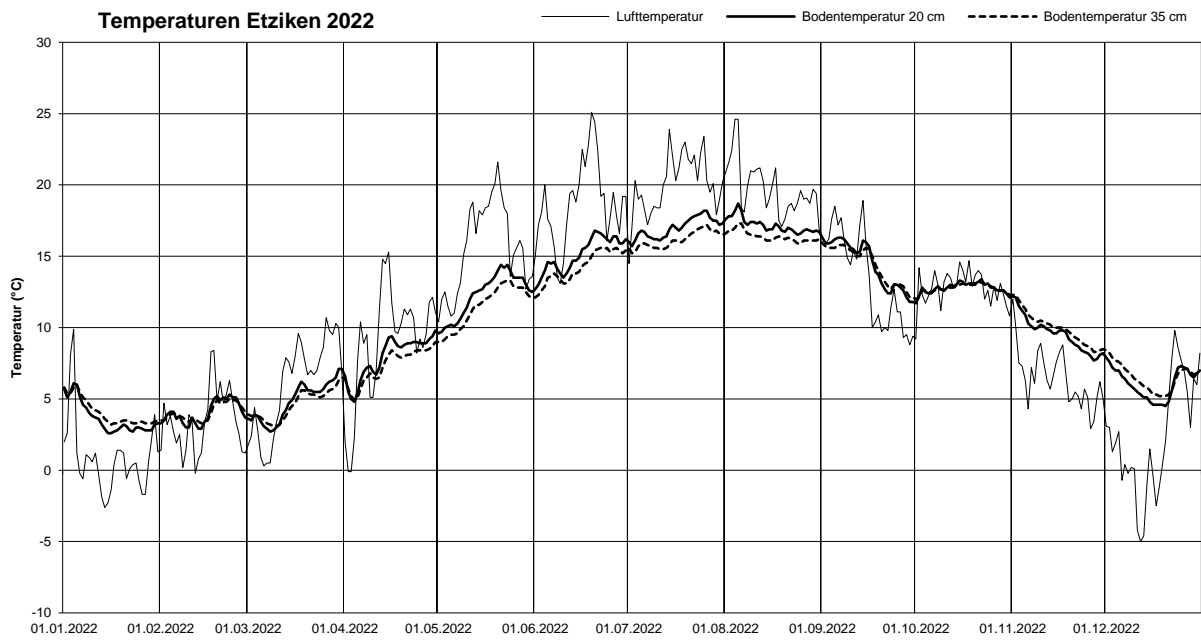
mittelschwerer Boden

2022 Tag	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	-0.9	0.1	0.0	2.4	0.5	0.0	-0.1	8.8	2.7	0.0	66.6	0.6	0.6	10.7	66.8	0.0	47.9	0.0	1.6	12.0	3.1	0.5	3.2	0.0
2	-0.6	0.0	-0.7	4.5	0.7	0.0	0.0	7.1	3.0	0.0	70.5	0.1	1.9	0.0	66.1	0.0	51.4	0.0	0.9	6.0	3.0	0.3	3.1	0.0
3	-0.4	0.0	-0.6	0.1	0.8	0.0	0.6	0.3	3.4	0.0	75.5	0.5	2.9	0.4	65.3	0.0	51.1	4.0	1.4	2.0	2.7	0.3	3.2	0.1
4	-0.5	2.6	-0.2	0.0	1.1	0.0	1.2	0.0	3.9	4.0	77.2	3.1	2.1	18.1	64.5	0.0	51.2	2.1	2.1	0.0	1.3	0.5	3.2	0.0
5	-1.6	13.8	0.3	0.3	1.3	0.0	1.6	0.0	2.8	11.0	29.9	29.5	0.9	13.5	63.9	1.6	50.9	0.1	2.6	0.0	1.4	0.3	3.2	0.0
6	-1.2	0.0	0.5	5.7	1.5	0.0	2.0	0.0	0.9	1.2	7.5	1.9	2.4	0.0	64.0	0.0	50.1	14.4	3.1	0.0	1.9	0.3	3.3	0.0
7	-0.9	0.3	-1.2	5.7	1.6	0.0	1.8	7.0	1.3	6.0	4.1	20.4	3.3	0.0	63.4	0.0	49.6	2.0	3.5	0.0	2.3	0.2	3.4	0.1
8	-0.9	7.0	-0.6	0.0	1.8	0.0	-0.3	16.4	1.1	0.1	2.3	0.5	4.2	0.0	62.9	0.0	50.7	20.6	3.8	0.8	2.6	0.1	3.4	0.7
9	-2.3	18.9	-0.3	0.0	2.0	0.0	-0.8	3.0	2.0	0.0	2.8	4.4	5.3	0.0	62.5	0.0	67.9	2.2	4.0	0.0	1.8	0.2	3.4	0.1
10	-2.0	4.2	0.0	0.1	2.1	0.0	0.3	0.3	2.6	0.0	2.9	0.0	6.5	0.0	61.8	0.0	80.0	2.2	4.2	0.0	1.5	0.1	2.6	0.1
11	-1.6	0.7	-0.5	5.1	2.2	0.0	1.1	0.0	3.2	0.0	4.0	0.0	8.4	0.0	61.1	0.0	80.0	0.3	4.5	0.0	2.2	0.1	1.7	0.0
12	-1.3	0.0	-0.3	0.0	2.4	0.0	1.6	0.0	4.0	0.0	5.5	0.3	12.7	0.0	60.3	0.0	80.0	0.0	4.8	0.0	2.5	0.1	1.9	0.0
13	-1.0	0.0	-0.1	0.0	2.5	0.0	2.0	0.0	4.7	0.7	7.8	0.1	20.6	0.0	59.7	0.0	80.0	0.0	5.0	0.5	2.7	0.1	2.2	0.0
14	-0.7	0.0	-0.1	4.9	2.6	0.0	2.4	0.0	5.4	0.0	13.4	0.0	29.9	0.0	58.8	0.5	80.0	5.9	4.7	6.8	2.8	0.0	2.2	0.0
15	-0.5	0.0	-1.1	3.6	1.9	5.7	2.8	0.0	6.5	0.0	23.4	0.5	39.4	0.0	57.8	0.0	51.3	33.1	1.4	2.7	2.8	0.2	0.5	13.5
16	-0.3	0.1	-1.3	8.7	1.6	0.0	3.1	0.0	7.7	0.0	35.6	0.0	49.3	0.0	57.0	0.0	10.6	2.6	2.4	0.0	1.3	0.2	0.8	3.6
17	-0.1	0.0	-2.1	12.2	2.0	0.0	3.4	0.0	8.8	0.0	53.0	0.0	60.4	0.0	56.2	9.5	12.0	0.0	2.8	0.0	1.7	0.1	1.6	0.0
18	-0.1	0.0	-1.6	0.9	2.3	0.0	3.8	0.0	10.2	0.0	67.7	0.0	64.3	0.0	55.4	1.2	14.2	0.0	3.2	0.0	1.0	0.1	2.0	0.0
19	-0.3	0.0	-1.3	0.9	2.6	0.0	4.1	0.0	12.5	0.0	72.8	0.0	63.3	0.0	54.8	2.2	17.3	0.0	3.4	0.0	2.0	0.2	2.1	0.0
20	-0.2	1.1	-1.0	0.2	2.7	0.0	4.5	0.0	15.9	0.0	71.6	0.0	70.0	2.3	54.2	10.9	21.7	0.0	3.7	0.0	2.4	0.1	2.0	5.8
21	0.0	0.1	-1.5	11.5	2.9	0.0	4.9	0.0	19.5	2.5	73.1	0.0	61.6	6.2	53.2	0.0	26.3	0.0	3.1	2.9	1.7	0.0	0.7	3.9
22	0.3	0.0	-1.7	1.4	3.0	0.0	5.2	0.0	24.2	0.0	78.0	13.1	67.2	0.3	52.2	0.0	30.9	0.0	1.3	19.6	1.5	0.1	1.0	1.3
23	0.5	0.0	-1.2	1.0	3.1	0.0	5.4	0.0	20.4	11.9	55.8	55.9	51.8	14.7	51.6	0.0	34.9	0.0	2.2	1.2	1.9	0.1	-0.5	0.8
24	0.6	0.0	-1.0	0.0	3.2	0.0	4.2	22.0	8.3	0.6	2.1	8.3	45.1	0.0	51.0	0.0	20.6	7.5	1.0	2.2	1.2	0.1	-0.4	0.5
25	0.8	0.0	-0.6	0.4	3.3	0.0	-0.5	15.4	10.4	0.0	2.8	9.5	60.2	0.0	50.1	0.0	10.3	5.4	1.5	3.8	2.1	0.0	0.0	0.3
26	0.9	0.1	-0.3	0.0	3.3	0.0	-0.8	7.1	14.7	0.0	1.9	1.9	69.5	0.2	49.3	1.2	7.8	1.5	2.1	2.1	2.6	0.1	0.2	0.2
27	1.0	0.2	0.0	0.0	3.4	0.0	0.2	0.0	22.1	0.0	3.1	1.9	69.4	0.0	48.5	0.2	4.0	10.2	2.4	2.0	2.8	0.0	-0.1	0.1
28	1.2	2.5	0.2	0.0	3.6	0.0	1.3	0.0	32.2	0.0	3.4	0.0	68.6	3.6	48.0	0.0	-0.2	28.5	2.6	1.6	2.9	0.1	0.3	0.1
29	1.3	0.0			3.7	0.0	1.9	0.0	43.0	0.0	3.9	0.0	68.4	3.6	47.5	0.0	0.4	9.4	2.8	1.4	3.0	0.0	0.4	0.1
30	1.4	0.0			3.8	1.5	2.4	0.7	52.8	0.0	3.9	38.5	68.2	0.0	46.8	9.2	1.4	0.1	3.0	1.2	3.1	0.1	-1.0	0.1
31	0.7	6.1			2.2	15.7			62.1	0.5			67.5	0.0	46.2	0.2			3.2	0.5			-0.5	0.1

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	57.8	69.6	23.0	88.0	38.5	191.0	73.6	36.7	152.1	69.3	4.6	31.5
Saugspannung 20 cm (cbar)	Monatsmittel	1.4	1.2	4.0	3.8	16.1	28.8	37.5	14.5	43.3	3.1	2.3	2.2
	Maximum	3.2	2.7	5.9	9.0	63.9	80.0	70.2	58.2	80.0	5.7	4.1	4.4
	Minimum	-0.8	-0.5	-0.1	-0.1	-0.1	0.1	0.0	-2.5	-1.0	-0.1	-0.2	-0.3
Saugspannung 35 cm (cbar)	Monatsmittel	-0.3	-0.6	2.3	2.0	13.4	30.7	37.1	56.8	37.7	2.8	2.2	1.6
	Maximum	1.5	0.9	3.9	5.6	65.6	79.2	74.5	67.2	80.0	5.1	3.3	3.5
	Minimum	-2.5	-2.4	-0.4	-1.4	0.4	-0.5	-0.4	45.8	-0.6	0.3	0.0	-1.4
Bodentemperatur 20 cm (°C)	Monatsmittel	3.7	4.0	4.8	7.9	12.3	15.1	17.0	17.2	14.5	12.8	9.6	6.1
	Maximum	6.5	5.5	7.3	9.9	14.9	17.3	18.9	19.2	16.8	13.6	12.5	8.1
	Minimum	2.6	2.7	2.5	4.4	9.2	12.4	15.2	15.9	8.8	11.5	7.6	4.5
Bodentemperatur 35 cm (°C)	Monatsmittel	4.1	4.1	4.6	7.3	11.5	14.3	16.1	16.4	14.4	12.7	10.0	6.5
	Maximum	6.1	5.1	6.6	9.1	13.5	15.9	17.4	17.6	16.2	13.2	12.4	8.5
	Minimum	3.2	3.3	3.0	4.8	8.8	12.0	15.1	15.7	8.5	11.9	8.2	5.1
Lufttemperatur (°C)	Monatsmittel	0.9	3.4	6.1	9.0	15.6	18.7	20.0	19.8	13.5	12.8	6.5	2.3
	Maximum	13.1	12.9	19.7	23.4	29.6	34.1	32.7	34.1	25.8	19.2	15.0	11.1
	Minimum	-5.5	-4.0	-4.6	-3.0	4.4	6.9	10.4	10.9	3.8	6.6	0.2	-7.3





Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken

Wald

Saure Braunerde; pseudogleyig, gleyig

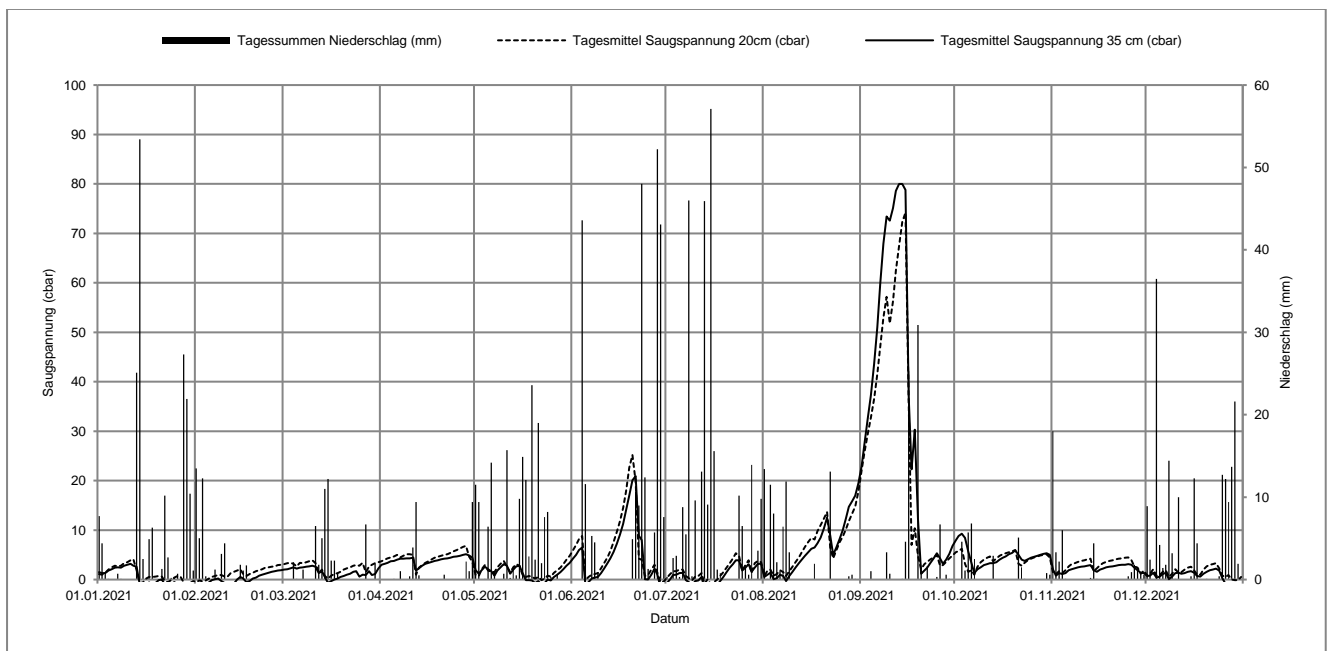
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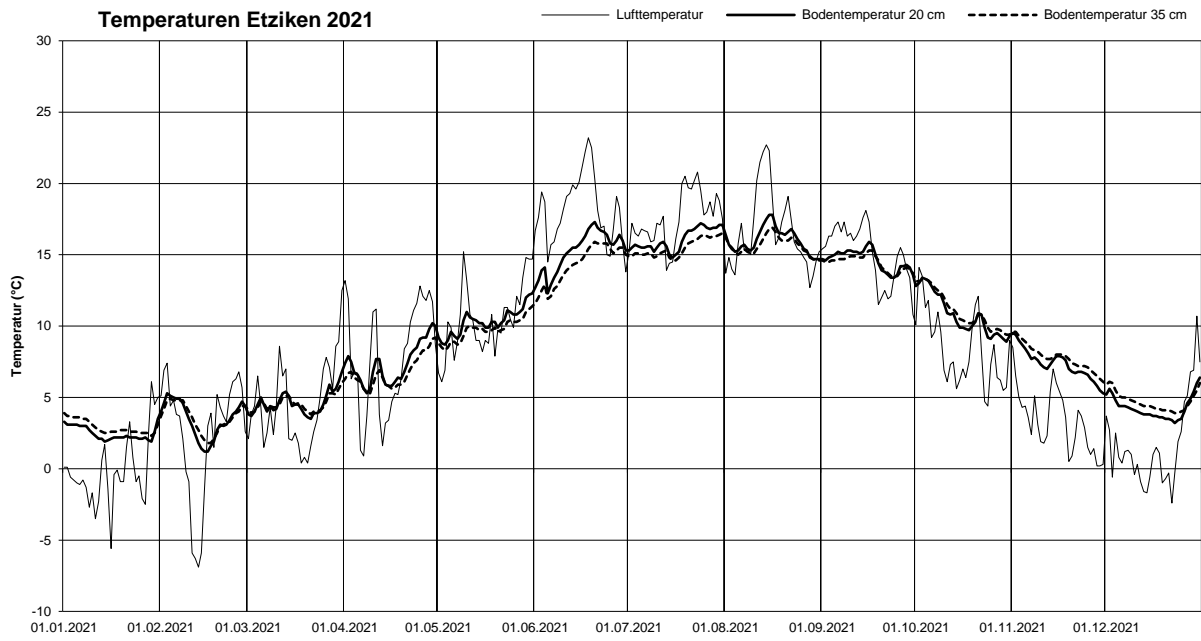
mittelschwerer Boden

2021 Tag	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	1.5	7.7	-1.4	13.5	2.0	0.0	3.0	0.0	1.9	11.5	4.2	0.0	-0.7	0.3	0.5	13.4	22.9	0.0	7.9	0.0	2.0	18.0	0.7	8.9
2	1.3	4.4	-1.1	5.0	2.1	0.0	3.2	0.0	1.2	9.4	5.0	0.0	0.1	0.0	1.0	0.1	27.5	0.0	8.8	0.0	0.8	3.3	0.8	2.4
3	1.3	0.9	-1.2	12.3	2.3	0.0	3.4	0.0	1.9	0.0	6.0	0.0	0.9	2.6	1.4	11.5	32.5	0.0	9.3	4.6	1.3	2.2	1.4	0.0
4	1.8	0.1	-1.0	0.4	2.5	2.1	3.7	0.0	2.6	0.1	6.5	43.6	1.0	2.9	0.1	8.0	37.3	1.0	8.4	1.1	1.1	6.0	0.4	36.5
5	2.1	0.0	-0.6	0.0	2.2	0.1	3.8	0.1	2.1	6.4	-1.1	11.6	1.3	0.3	0.3	2.1	43.6	0.0	5.7	5.7	1.3	0.1	0.6	4.2
6	2.4	0.0	-0.1	0.0	2.4	0.0	4.0	0.0	1.7	14.2	-0.5	0.0	1.4	8.8	1.0	1.0	51.0	0.0	3.4	6.8	1.9	0.0	1.1	1.4
7	2.5	0.7	0.1	1.2	2.5	1.2	4.2	1.0	0.8	1.0	0.2	5.3	-0.1	5.5	0.7	6.4	59.7	0.0	1.3	2.5	2.1	0.0	1.4	1.8
8	2.4	0.1	0.2	0.2	2.6	0.0	4.2	0.0	1.8	0.0	0.4	4.5	-0.5	46.0	-0.3	11.9	67.9	0.0	2.1	0.0	2.3	0.0	0.1	14.4
9	2.8	0.0	-0.3	3.1	2.7	0.0	4.3	0.0	2.5	0.0	0.5	0.9	-1.3	0.4	0.7	3.3	73.4	3.3	2.5	0.0	2.5	0.0	0.6	3.2
10	3.0	0.0	-0.7	4.4	2.8	0.0	4.3	0.4	3.1	0.7	1.3	0.1	-0.3	9.6	1.6	0.0	72.6	0.7	2.9	0.0	2.6	0.0	1.3	0.1
11	3.2	0.0	-1.0	0.0	2.6	6.5	4.4	3.9	2.8	15.7	2.3	0.0	-0.2	0.1	2.5	0.0	75.1	0.0	3.1	0.0	2.7	0.0	1.4	10.0
12	2.8	0.0	-1.0	0.0	1.3	1.8	1.8	9.4	1.2	0.2	3.3	0.0	0.5	13.1	3.3	0.0	78.6	0.0	3.3	0.0	2.8	0.0	1.2	0.0
13	2.6	25.1	-0.8	0.0	1.7	5.0	2.3	0.5	2.0	1.6	4.3	0.0	-1.8	45.9	4.0	0.0	80.0	0.0	3.3	2.9	2.9	0.2	1.3	0.0
14	-1.1	53.4	0.0	0.0	0.5	11.0	2.8	0.0	2.7	0.5	5.6	0.0	-0.9	9.1	4.8	0.0	80.0	0.1	3.5	0.0	1.9	4.4	1.6	0.0
15	-1.4	2.5	0.5	1.8	-0.7	12.2	3.2	0.0	2.8	9.8	7.2	0.0	-2.1	57.1	5.5	0.0	78.8	4.6	4.0	0.0	1.6	0.1	1.7	0.4
16	-1.3	0.0	0.2	1.1	-0.3	2.3	3.4	0.0	1.3	14.9	9.1	0.0	-1.5	15.6	6.2	0.0	37.1	25.3	4.4	0.0	2.0	0.0	1.4	12.3
17	-0.6	4.9	-0.5	1.7	0.0	2.3	3.6	0.0	-0.1	12.1	11.3	0.0	-1.1	1.2	6.5	1.9	22.3	0.0	4.7	0.0	2.2	0.0	0.7	4.4
18	-1.0	6.3	-0.3	0.0	0.2	0.8	3.8	0.0	-0.1	2.8	14.0	0.0	-0.3	0.8	7.3	0.0	30.3	0.0	5.1	0.0	2.5	0.0	0.6	0.0
19	-0.7	0.0	0.2	0.1	0.5	0.0	3.9	0.0	-0.2	23.6	17.0	0.0	0.5	0.0	8.5	0.0	12.3	30.9	5.4	0.0	2.6	0.0	1.2	0.0
20	-0.1	0.0	0.4	0.0	0.7	0.0	4.1	0.0	-0.7	2.4	20.1	4.9	1.5	0.0	10.3	0.0	1.2	0.9	5.9	0.0	2.7	0.0	1.6	0.1
21	0.0	1.3	0.8	0.0	1.0	0.0	4.2	0.6	-0.3	19.0	20.9	10.7	2.4	0.0	12.5	0.0	1.8	0.1	5.0	5.1	2.8	0.0	1.9	0.0
22	-1.0	10.2	1.0	0.0	1.2	0.0	4.3	0.0	-1.1	2.0	8.9	9.0	3.1	0.0	8.9	13.1	2.4	1.6	4.0	1.5	2.9	0.0	2.0	0.0
23	-1.4	2.7	1.2	0.0	1.6	0.0	4.4	0.0	-0.7	7.6	8.0	48.0	3.9	0.0	5.0	0.0	3.4	0.0	3.8	0.1	3.0	0.0	2.2	0.0
24	-0.9	0.2	1.4	0.0	1.7	0.0	4.6	0.0	0.0	8.2	0.1	12.4	3.9	10.2	6.5	0.0	4.3	0.0	4.1	0.0	3.0	0.0	1.8	0.4
25	-0.5	0.3	1.6	0.0	0.6	0.0	4.7	0.0	-0.2	0.3	0.0	1.3	1.8	6.5	8.2	0.0	5.3	0.3	4.4	0.0	3.1	0.4	0.3	12.7
26	-1.0	0.7	1.7	0.0	1.0	0.0	4.8	0.0	0.5	0.0	1.0	0.0	2.4	1.5	10.0	0.0	4.3	6.7	4.6	0.0	3.0	0.9	-0.9	12.2
27	-0.9	0.0	1.8	0.0	0.9	6.7	5.0	0.0	1.0	0.6	2.2	5.7	3.1	0.6	12.4	0.0	3.2	0.0	4.8	0.0	2.4	1.8	-0.7	9.4
28	-1.6	27.3	1.9	0.0	1.7	0.0	5.1	2.2	1.5	0.0	1.0	52.2	1.6	13.9	14.7	0.4	4.0	0.6	5.0	0.0	1.9	1.2	-1.6	13.7
29	-2.1	21.9			0.9	0.0	4.9	1.0	2.1	0.0	-1.7	43.1	2.4	0.0	15.8	0.6	5.2	0.1	5.2	0.0	1.4	0.9	-1.8	21.6
30	-1.7	10.4			1.1	1.9	4.4	9.4	2.8	0.0	-1.5	7.6	3.2	3.5	17.0	0.1	6.8	0.0	5.3	0.8	1.3	0.6	-1.8	1.9
31	-1.2	1.1			2.2	0.1			3.4	0.0			3.2	9.8	19.5	0.0			5.0	0.6			-1.2	0.0

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	182.2	44.8	54.0	28.5	164.6	261.1	266.3	72.6	76.2	31.7	40.1	172.0
Saugspannung 20 cm (cbar)	Monatsmittel	1.1	1.3	2.5	4.6	1.8	6.4	1.7	6.7	27.6	4.2	3.0	1.5
	Maximum	4.2	3.7	4.0	6.9	5.4	29.1	6.2	19.9	74.6	6.5	4.6	3.7
	Minimum	-2.8	-2.8	-0.3	-0.2	-0.8	-1.6	-1.7	-0.4	-0.1	0.3	-0.1	-0.8
Saugspannung 35 cm (cbar)	Monatsmittel	0.4	0.1	1.4	3.9	1.3	5.2	0.9	6.4	34.1	4.7	2.2	0.7
	Maximum	3.5	2.0	3.1	5.2	3.8	24.7	4.4	21.5	80.0	10.1	4.7	2.4
	Minimum	-4.0	-2.9	-1.0	0.8	-1.7	-2.6	-2.6	-1.2	-0.1	0.7	0.1	-2.5
Bodentemperatur 20 cm (°C)	Monatsmittel	2.5	3.5	4.6	7.3	10.3	15.3	16.1	16.0	14.6	10.8	7.3	4.3
	Maximum	3.9	5.6	7.6	10.6	13.0	17.7	17.5	18.2	16.2	13.6	9.6	6.5
	Minimum	1.8	1.1	0.0	4.7	7.9	11.9	14.6	14.5	13.0	8.8	5.2	3.2
Bodentemperatur 35 cm (°C)	Monatsmittel	2.9	3.6	4.6	6.7	9.7	14.3	15.5	15.6	14.4	11.1	7.8	4.7
	Maximum	3.9	5.1	6.2	9.4	11.6	16.2	16.6	17.0	15.5	13.5	9.7	6.1
	Minimum	2.2	1.8	0.0	5.2	8.0	11.4	14.5	14.5	13.4	9.3	6.0	3.8
Lufttemperatur (°C)	Monatsmittel	-0.2	2.4	4.5	7.8	10.4	18.1	17.5	16.6	15.1	8.4	3.3	1.7
	Maximum	8.1	14.9	22.4	23.3	25.6	31.2	28.4	29.8	25.1	19.2	9.9	12.4
	Minimum	-9.7	-10.0	-16.5	-3.0	-0.3	8.0	11.5	7.6	6.0	-0.9	-1.6	-3.4





Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken

Wald

Saure Braunerde; pseudogleyig, gleyig

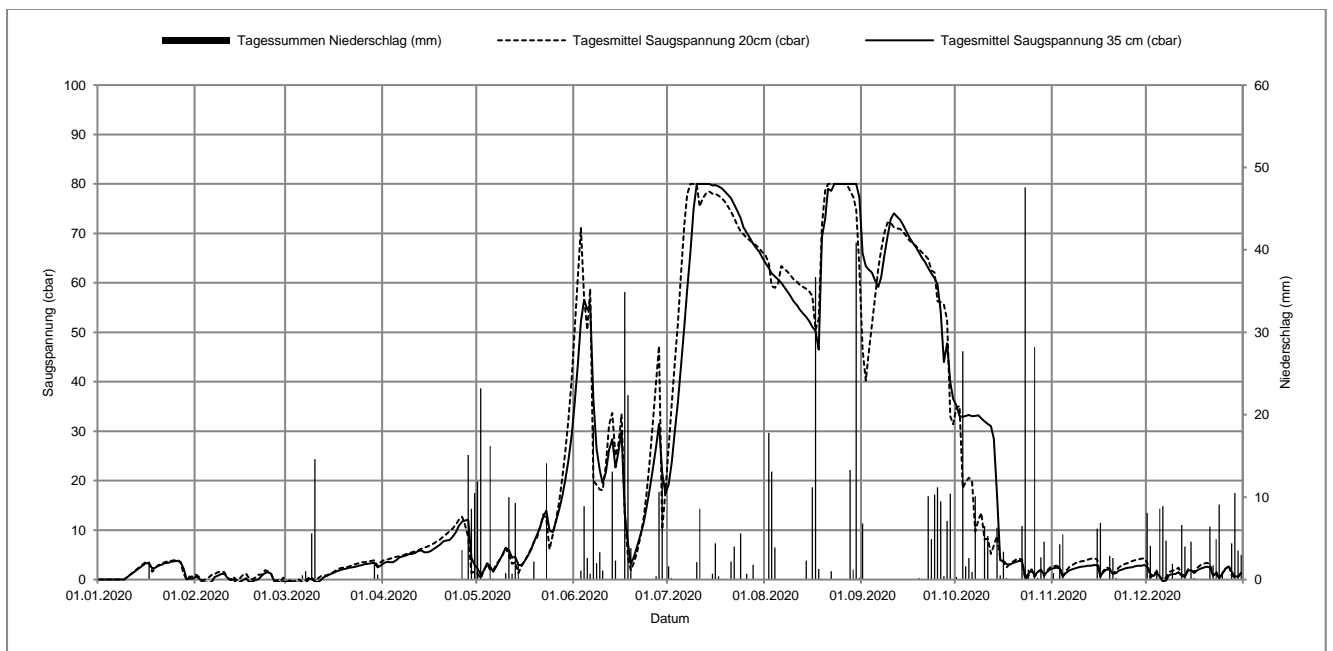
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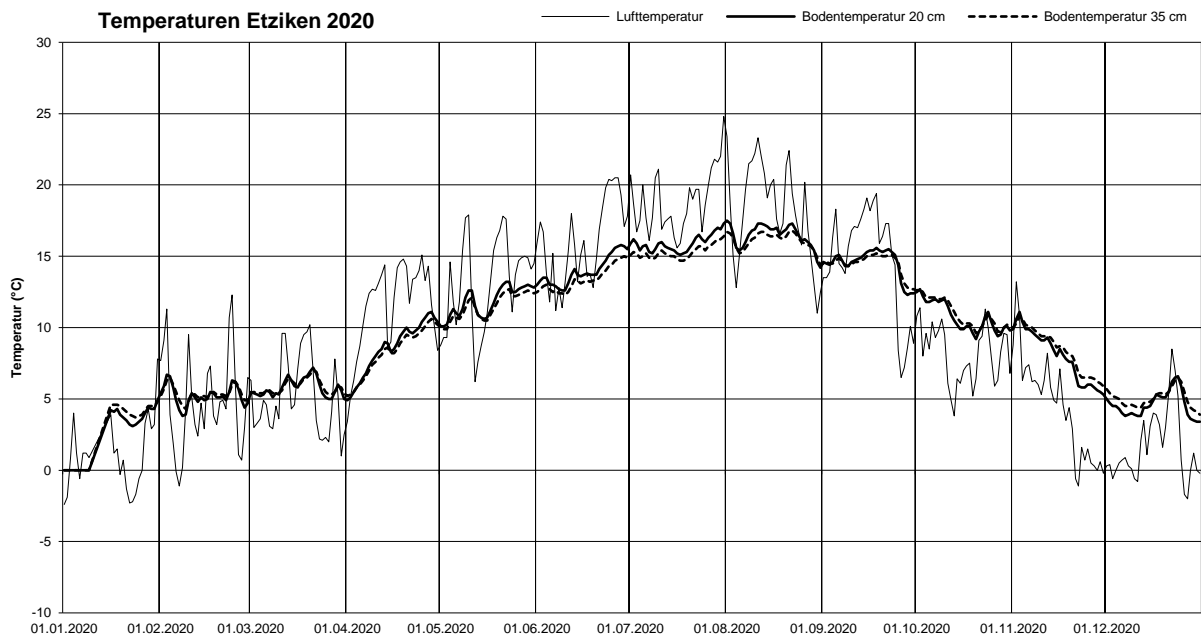
mittelschwerer Boden

2020 Tag	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	0.0	0.0	0.6	0.0	-0.8	0.0	3.3	0.0	2.3	11.9	35.3	0.0	19.2	1.6	64.0	0.1	66.0	6.8	35.2	0.3	2.3	0.8	2.7	8.1
2	0.0	0.0	0.3	0.0	-0.2	0.0	3.6	0.0	1.0	23.2	43.1	0.0	23.8	0.2	63.0	17.8	63.4	0.0	33.0	0.0	2.4	0.1	1.1	4.1
3	0.0	0.0	-0.5	0.0	-1.0	0.0	3.5	0.0	1.8	0.0	52.1	1.1	29.7	0.0	61.9	13.1	62.7	0.0	32.9	27.7	2.3	4.3	0.7	0.0
4	0.0	0.0	-0.6	0.0	-0.6	0.0	3.5	0.0	3.3	0.0	56.6	8.9	35.9	0.0	61.3	3.9	62.1	0.0	33.1	1.6	0.6	5.5	1.4	1.2
5	0.0	0.0	-0.7	0.0	-0.6	0.0	3.9	0.0	2.6	16.2	54.6	2.6	43.4	0.0	60.7	0.1	60.5	0.0	33.3	2.6	1.3	0.0	0.5	8.6
6	0.0	0.0	-0.5	0.0	-0.8	0.5	4.5	0.0	1.6	0.1	55.6	0.7	51.1	0.0	60.0	0.0	59.2	0.0	33.0	0.9	1.8	0.0	-0.4	8.9
7	0.0	0.0	0.5	0.0	-0.9	1.0	4.7	0.0	2.7	0.0	36.3	18.7	58.6	0.0	59.2	0.0	61.1	0.0	33.1	10.1	2.1	0.0	-0.2	4.7
8	0.0	0.0	0.8	0.0	0.2	0.0	4.9	0.0	3.9	0.0	26.4	2.0	66.1	0.0	58.3	0.0	65.5	0.0	33.2	0.1	2.3	0.0	0.9	0.0
9	0.0	0.0	1.1	0.0	0.1	5.6	5.1	0.0	5.2	0.0	22.1	3.3	74.9	0.0	57.3	0.0	69.4	0.0	32.6	0.0	2.5	0.0	1.1	1.9
10	0.0	0.0	1.2	0.0	-0.4	14.6	5.2	0.0	6.4	0.8	19.5	1.1	80.0	2.1	56.2	0.0	72.9	0.0	32.0	6.5	2.6	0.0	1.1	0.1
11	0.0	0.0	0.4	0.0	-0.6	0.1	5.4	0.0	6.0	10.0	21.7	0.0	80.0	8.6	55.5	0.0	74.1	0.0	31.5	5.3	2.7	0.1	1.5	0.1
12	0.0	0.0	-0.1	0.0	0.0	0.0	5.8	0.0	4.4	0.7	26.2	0.0	80.0	0.0	54.6	0.0	73.4	0.0	31.0	0.1	2.8	0.0	0.7	6.6
13	0.0	0.0	0.1	0.0	0.5	0.0	5.9	0.0	4.6	9.3	28.4	13.1	80.0	0.0	53.8	0.0	72.8	0.0	28.5	0.0	2.8	0.0	0.6	4.0
14	0.0	0.0	-1.0	0.0	0.8	0.0	5.5	0.0	2.9	2.1	22.7	2.3	80.0	0.0	53.1	2.3	71.7	0.0	17.1	6.3	2.9	0.0	1.8	0.0
15	0.0	0.0	-0.5	0.0	1.1	0.0	5.5	0.0	2.9	0.0	25.7	0.0	79.7	0.7	52.2	0.0	70.4	0.0	3.9	0.5	2.9	6.2	1.9	4.6
16	3.3	0.0	-0.1	0.0	1.4	0.0	5.8	0.0	3.7	0.0	30.0	0.0	79.8	4.4	51.1	11.2	69.2	0.0	3.8	3.4	0.7	6.9	1.3	0.2
17	3.3	2.2	0.3	0.0	1.7	0.0	6.2	0.0	4.8	0.0	13.4	34.9	79.5	0.4	50.3	36.7	68.2	0.0	3.1	0.2	1.6	0.0	1.9	0.1
18	2.2	0.0	-0.5	0.0	1.9	0.0	6.6	0.0	6.0	0.0	7.4	22.4	79.1	0.0	46.5	1.3	67.3	0.0	3.0	0.0	2.0	0.1	2.2	0.0
19	2.4	0.0	-0.4	0.0	2.1	0.0	7.1	0.0	7.6	2.2	3.1	3.8	78.5	0.0	69.3	0.1	66.2	0.2	3.3	0.0	2.0	2.9	2.4	0.1
20	2.8	0.0	-0.1	0.0	2.2	0.1	7.7	0.0	9.1	0.0	4.7	0.1	77.8	0.0	72.9	0.0	65.0	0.1	3.6	0.0	1.2	2.6	2.6	0.1
21	3.0	0.0	0.1	0.0	2.4	0.0	7.9	0.0	10.7	0.0	6.8	0.0	77.1	2.2	79.0	0.0	64.2	0.0	3.8	0.0	1.3	0.2	2.5	6.4
22	3.3	0.0	0.8	0.0	2.5	0.0	8.0	0.0	12.8	0.0	9.0	0.0	75.8	4.0	78.6	1.0	63.0	10.1	3.7	6.5	1.8	0.0	0.8	1.7
23	3.4	0.0	1.3	0.0	2.6	0.0	8.6	0.0	13.9	14.1	11.4	0.0	74.5	0.1	80.0	0.0	61.9	4.9	0.5	47.6	2.0	0.1	1.2	4.9
24	3.6	0.0	1.5	0.0	2.8	0.0	9.5	0.0	9.9	0.1	14.6	0.0	73.1	5.6	80.0	0.0	60.9	10.3	1.1	1.2	2.3	0.0	0.3	9.1
25	3.7	0.0	1.2	0.0	2.9	0.0	10.9	0.0	9.6	0.0	18.3	0.0	71.2	0.0	80.0	0.0	59.7	11.2	2.1	0.0	2.4	0.0	1.2	1.0
26	3.8	0.0	-0.3	0.0	3.1	0.0	11.7	3.6	11.7	0.0	22.5	0.0	70.1	0.7	80.0	0.0	54.2	9.5	0.8	28.2	2.5	0.0	2.2	0.0
27	3.6	0.0	-0.3	0.0	3.2	0.0	11.9	0.1	14.1	0.0	26.9	0.4	69.1	0.0	80.0	0.0	44.0	0.4	1.6	0.2	2.7	0.1	2.7	0.0
28	2.2	0.0	-0.7	0.0	3.3	0.0	12.1	15.1	16.6	0.0	31.5	10.6	67.9	1.8	80.0	13.3	47.8	7.1	2.0	2.7	2.8	0.1	1.6	4.4
29	0.1	0.0	-0.3	0.0	3.4	2.2	4.4	8.6	20.0	0.0	21.6	13.1	67.1	0.0	80.0	1.2	39.9	10.4	1.0	4.6	2.8	0.0	0.7	10.5
30	0.2	0.0			2.5	0.6	2.9	10.5	24.1	0.0	17.4	0.0	66.3	0.0	80.0	40.9	36.5	0.1	1.6	0.0	2.9	0.0	0.5	3.5
31	0.2	0.0			2.8	0.0			29.1	0.0			65.1	0.0	77.3	0.2			2.1	0.0			1.4	3.0

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	2.2	0.0	24.7	38.1	90.5	139.1	32.4	144.0	70.3	156.6	30.0	97.9
Saugspannung 20 cm (cbar)	Monatsmittel	1.7	0.6	1.6	6.8	8.9	27.8	69.3	65.0	60.5	8.4	3.0	1.6
	Maximum	4.3	2.4	4.5	13.5	46.2	75.9	80.0	80.0	72.6	65.5	4.5	4.4
	Minimum	-0.8	-1.8	-1.9	-0.2	-0.8	-0.7	23.1	0.0	23.7	-0.5	-0.2	-0.7
Saugspannung 35 cm (cbar)	Monatsmittel	1.7	0.1	1.2	6.4	8.3	25.5	66.3	63.7	62.4	15.5	2.2	1.3
	Maximum	4.0	1.6	4.0	13.0	32.3	59.6	80.0	80.0	74.7	48.6	3.1	3.2
	Minimum	-0.3	-1.7	-1.8	2.0	0.4	2.0	17.2	0.0	35.9	0.0	-0.2	-0.7
Bodentemperatur 20 cm (°C)	Monatsmittel	2.5	5.2	5.8	8.6	11.8	14.0	15.9	16.0	14.5	10.7	8.0	4.6
	Maximum	5.3	6.9	7.5	11.5	13.7	16.2	18.1	17.8	15.9	12.9	11.2	6.8
	Minimum	0.0	3.7	0.0	0.0	9.7	12.3	14.5	0.0	12.1	0.0	5.2	3.3
Bodentemperatur 35 cm (°C)	Monatsmittel	2.8	5.4	5.9	8.3	11.5	13.4	15.3	15.6	14.5	11.0	8.4	5.0
	Maximum	5.1	6.6	7.1	10.7	12.9	15.2	16.8	17.0	15.4	12.8	10.9	6.6
	Minimum	0.0	4.3	5.1	4.9	9.7	12.2	14.5	0.0	12.6	0.0	5.8	3.9
Lufttemperatur (°C)	Monatsmittel	0.9	4.8	5.2	11.5	13.1	16.0	18.9	18.3	14.7	8.2	4.4	1.6
	Maximum	10.4	17.0	18.1	23.3	25.8	28.5	33.4	30.0	26.3	16.0	17.5	11.1
	Minimum	-5.0	-4.9	-3.3	-3.4	2.7	8.4	8.8	8.8	5.2	-1.7	-4.0	-4.9





Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken

Wald

Saure Braunerde; pseudogleyig, gleyig

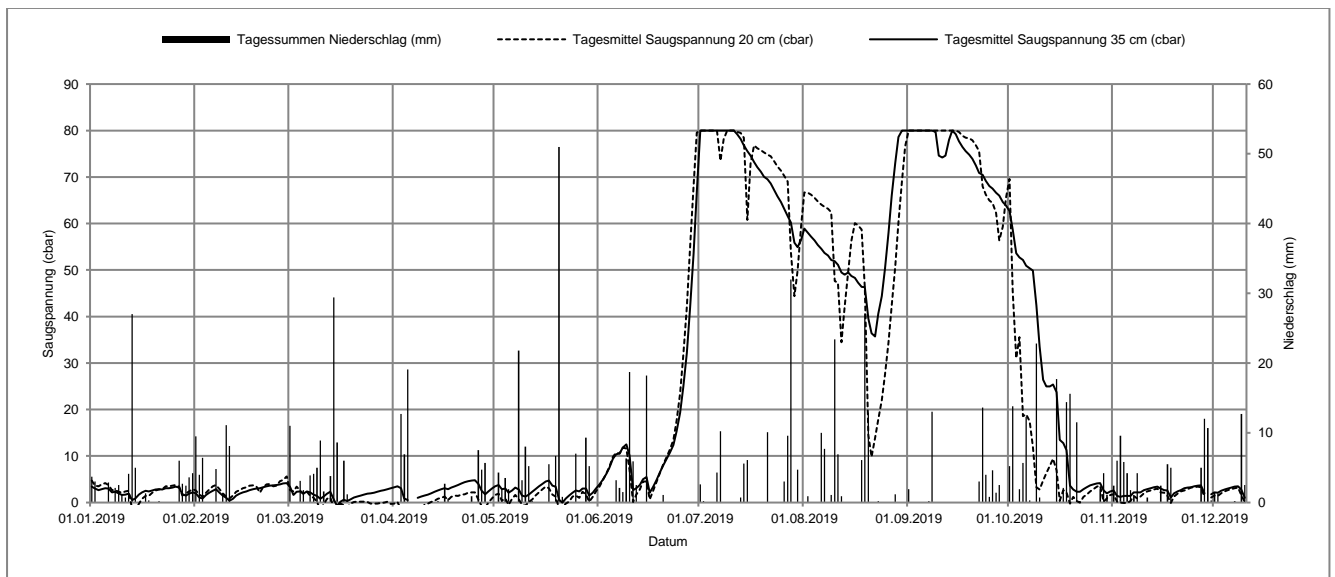
Koordinaten 615337 / 227471, 465 müM

mittelschwerer Boden

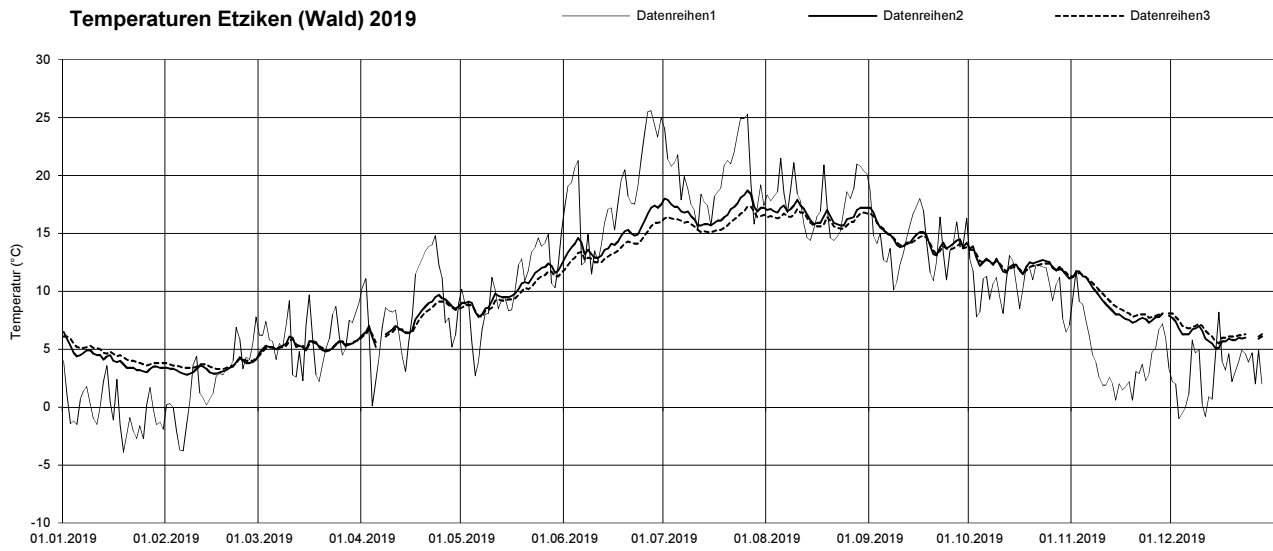
2019 Tag	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	3.4	3.7	2.0	9.5	3.4	11.0	3.3	0.0	3.5	0.0	3.9	0.0	80.0	2.6	58.9	0.0	80.0	1.9	62.7	5.2	2.6	2.4	2.2	1.4
2	3.0	3.0	1.1	4.0	1.6	0.0	3.5	0.0	3.8	4.3	4.9	0.0	80.0	0.2	58.0	0.9	80.0	0.1	58.7	13.8	1.4	6.0	2.1	1.3
3	2.7	0.0	0.9	6.4	2.3	0.0	3.1	12.7	2.9	1.9	6.1	0.0	80.0	0.0	57.2	0.0	80.0	0.0	53.6	0.1	1.2	9.6	2.5	0.0
4	2.9	0.0	1.6	0.0	2.4	3.1	0.9	6.9	3.0	3.5	7.5	0.0	80.0	0.0	56.4	0.0	80.0	0.0	52.7	1.9	1.4	5.8	2.8	0.0
5	3.1	0.0	2.1	0.0	1.9	1.8	0.5	19.1	2.1	1.9	9.4	0.0	80.0	0.0	55.4	0.0	80.0	0.0	52.2	5.7	1.4	4.2	3.0	0.0
6	3.0	2.9	2.5	0.0	2.4	0.0	0.0	0.0	2.6	0.0	10.4	3.2	80.0	4.3	54.6	10.0	80.0	0.0	50.9	12.3	1.4	1.8	3.2	0.1
7	2.2	0.0	2.9	4.8	2.2	3.9	0.0	0.0	3.2	0.0	10.6	2.1	80.0	10.2	53.7	7.7	80.0	0.2	50.4	0.3	2.2	0.8	3.4	0.2
8	2.3	2.1	2.1	0.0	1.7	4.1	1.0	0.0	2.8	21.8	11.8	1.5	80.0	0.0	53.1	0.0	80.0	13.0	49.9	0.0	2.2	4.2	3.5	0.1
9	2.0	2.5	1.5	1.3	1.4	5.0	1.3	0.0	1.5	3.2	12.5	6.3	80.0	0.0	52.2	1.1	79.7	0.0	42.4	22.8	2.2	0.1	2.8	12.7
10	1.6	1.2	1.0	11.1	0.8	8.9	1.5	0.0	1.3	8.0	10.1	18.7	80.0	0.0	51.9	23.4	74.6	0.0	33.6	0.7	2.7	0.0	1.0	2.5
11	1.7	0.7	0.4	8.1	1.3	1.6	1.7	0.0	1.7	5.2	2.7	5.9	80.0	0.0	51.1	6.9	74.2	0.0	26.4	0.0	2.9	0.7	2.1	1.5
12	1.9	4.1	0.8	0.0	1.9	0.1	2.0	0.0	2.3	0.2	3.1	2.5	79.2	0.0	49.5	0.9	74.6	0.0	25.0	0.0	3.1	0.1	1.6	5.0
13	0.5	27.0	1.5	0.0	2.3	3.8	2.3	0.0	2.9	0.0	3.8	0.0	78.2	0.7	49.0	0.1	78.0	0.0	25.0	0.0	3.3	0.1	1.7	18.2
14	0.9	5.0	1.9	0.0	0.7	29.4	2.6	0.2	3.5	0.0	5.0	0.1	76.8	5.6	49.5	0.0	80.0	0.0	25.4	0.0	3.4	0.0	0.7	8.8
15	1.7	0.0	2.2	0.0	-0.7	8.6	2.9	0.0	4.0	0.0	5.5	18.2	75.6	6.1	48.7	0.0	79.2	0.0	23.7	17.7	3.0	2.4	0.6	0.3
16	2.2	0.0	2.4	0.0	0.2	0.1	3.1	2.7	4.5	0.0	2.1	0.0	74.6	0.0	48.3	0.0	77.7	0.0	13.5	0.2	2.7	0.0	1.4	0.0
17	2.5	1.3	2.7	0.0	0.6	6.0	2.9	0.6	4.7	5.5	3.4	0.0	73.2	0.0	47.3	0.0	76.5	0.0	12.8	2.1	2.6	5.5	2.0	0.0
18	2.4	0.3	2.9	0.0	0.3	1.2	3.2	0.0	3.6	0.0	4.8	0.0	72.1	0.0	46.4	6.1	75.6	0.0	11.3	14.4	1.1	5.0	2.4	0.0
19	2.6	0.0	3.0	0.0	0.7	0.0	3.5	0.0	3.4	6.7	6.5	0.0	71.2	0.0	46.3	27.1	74.8	0.0	3.6	15.6	2.0	0.0	2.8	0.0
20	2.8	0.1	3.1	0.0	1.1	0.0	3.8	0.0	0.6	51.0	8.0	1.1	70.1	0.1	39.6	12.9	73.9	0.0	2.8	0.0	2.4	0.0	2.8	6.2
21	2.9	0.2	3.3	0.0	1.3	0.0	4.1	0.0	0.0	0.8	9.4	0.0	69.5	10.1	36.4	0.1	72.5	0.0	2.3	11.5	2.7	0.0	1.7	4.6
22	2.8	0.0	3.5	0.0	1.5	0.0	4.4	0.0	0.9	0.1	10.7	0.1	68.6	0.0	35.7	0.0	70.9	3.0	2.3	0.2	3.1	0.0	1.4	1.1
23	3.1	0.0	3.6	0.0	1.7	0.0	4.6	0.0	1.5	0.0	12.4	0.0	67.2	0.0	40.6	0.2	70.5	13.6	2.9	0.0	3.2	0.0	0.0	1.8
24	3.1	0.0	3.7	0.0	1.9	0.0	4.7	0.9	2.1	0.0	15.3	0.0	65.9	0.0	44.4	0.0	69.2	4.0	3.3	0.0	3.3	0.0	0.0	0.1
25	3.2	0.0	3.8	0.0	2.0	0.1	4.8	0.0	2.6	7.0	19.3	0.0	64.6	0.0	50.3	0.0	68.1	0.8	3.7	0.0	3.5	0.0	0.3	1.3
26	3.4	0.0	3.9	0.0	2.1	0.1	4.0	7.5	2.4	0.1	24.9	0.0	63.2	3.0	58.0	0.0	67.5	4.6	3.9	0.0	3.6	0.0	0.0	0.0
27	3.2	6.0	4.1	0.0	2.3	0.0	2.5	4.7	3.0	0.0	32.2	0.0	61.6	9.6	66.0	0.0	66.6	1.4	4.1	0.0	3.7	5.0	-0.7	0.2
28	1.8	2.7	4.2	0.0	2.5	0.0	1.8	5.7	3.0	9.3	41.8	0.0	60.2	32.0	73.0	1.2	66.0	2.5	4.2	1.9	2.0	12.0	0.1	0.0
29	1.5	2.4			2.7	0.0	2.4	0.1	1.5	5.2	53.5	0.0	55.9	0.0	78.6	0.0	64.6	0.0	2.6	4.2	0.0	10.7	0.0	0.0
30	1.9	3.6			2.9	0.0	3.0	0.0	2.1	0.0	66.7	0.0	54.9	4.7	80.0	0.0	63.9	0.0	2.0	1.1	1.8	0.3	0.0	0.0
31	2.2	4.2			3.1	0.0			3.0	0.0			56.5	0.0	80.0	0.0			2.4	0.1			0.0	0.0

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	73.0	45.2	88.8	61.1	135.7	59.7	89.2	61.1	45.1	131.8	76.7	67.4
Saugspannung 20 cm (cbar)	Monatsmittel	2.4	3.0	0.4	0.2	1.0	15.8	72.9	49.2	75.1	10.1	1.7	1.7
	Maximum	5.9	6.0	5.2	2.5	4.3	80.0	80.0	80.0	80.0	70.7	3.6	3.4
	Minimum	-2.1	0.3	-2.2	-4.7	-3.7	-1.6	42.5	2.4	54.2	-1.9	-1.6	-1.5
Saugspannung 35 cm (cbar)	Monatsmittel	2.4	2.5	1.7	2.9	2.6	14.0	72.2	53.9	74.6	22.8	2.5	2.1
	Maximum	4.7	4.2	4.2	4.9	5.2	76.0	80.0	80.0	63.5	3.8	3.6	3.6
	Minimum	0.2	0.0	-1.1	-0.3	-1.5	1.6	54.4	35.3	63.5	1.7	0.4	-0.8
Bodentemperatur 20 cm (°C)	Monatsmittel	4.1	3.4	5.3	7.7	10.2	14.7	16.9	16.7	14.5	12.3	8.9	6.1
	Maximum	17.0	4.5	6.5	10.2	13.2	18.5	19.6	18.3	17.5	14.1	11.9	7.8
	Minimum	2.9	2.8	4.5	5.0	7.3	12.1	15.0	15.2	12.6	11.0	7.1	4.8
Bodentemperatur 35 cm (°C)	Monatsmittel	4.6	3.6	5.3	7.5	9.8	13.7	16.0	16.2	14.4	12.3	9.2	6.5
	Maximum	6.2	4.4	6.1	9.3	11.9	16.3	17.6	17.2	16.9	13.9	11.6	8.1
	Minimum	3.6	3.3	4.4	5.4	7.6	11.6	14.9	15.2	13.1	11.3	7.7	5.4
Lufttemperatur (°C)	Monatsmittel	-0.3	2.1	5.8	8.5	10.3	18.5	19.8	17.8	14.2	10.5	4.3	2.9
	Maximum	6.3	17.4	18.5	24.1	23.7	35.0	35.8	29.2	25.0	19.7	13.8	11.8
	Minimum	-6.6	-5.4	-3.1	-1.5	-2.4	6.4	10.1	8.5	5.1	2.9	-2.5	-3.2



Temperaturen Etziken (Wald) 2019



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken

Wald

Saure Braunerde; pseudogleyig, gleyig

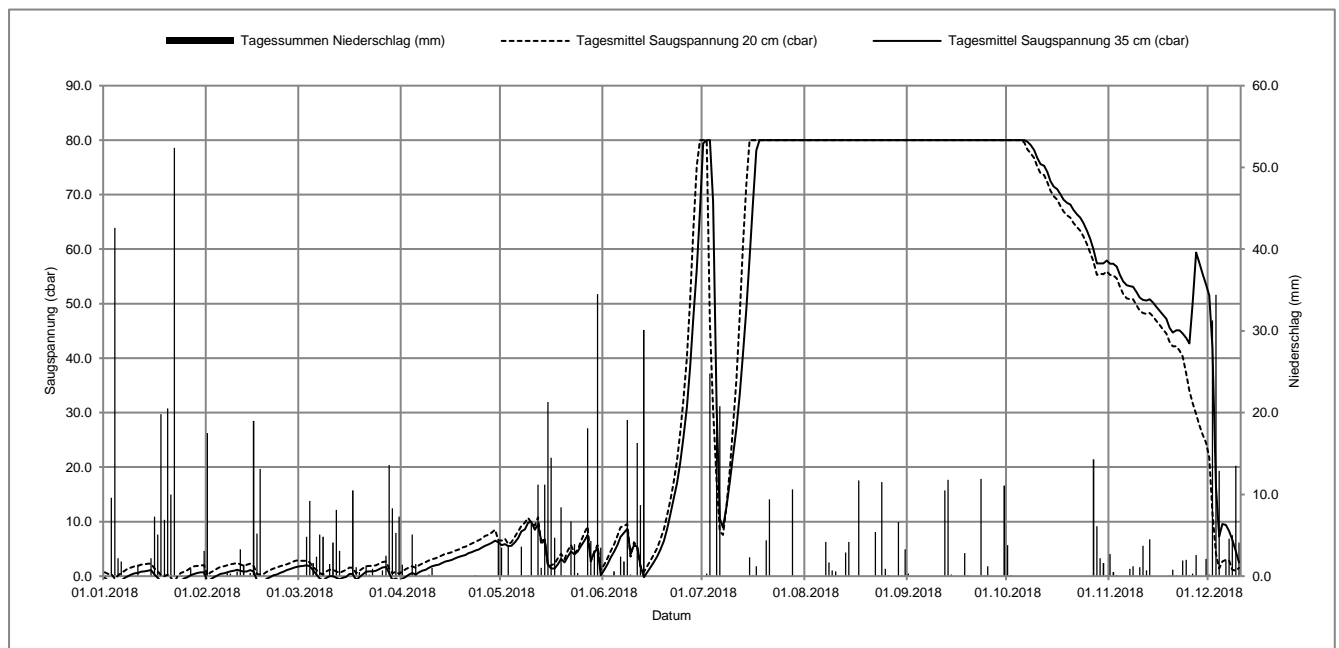
Koordinaten 615337 / 227471, 465 müM

mittelschwerer Boden

2018 Tag	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	-0.3	0.0	-1.0	17.5	1.8	0.0	-0.5	1.4	5.7	3.5	1.2	0.1	79.4	0.0	>80.0	0.0	>80.0	0.3	>80.0	3.8	57.3	2.7	51.5	0.2
2	-0.8	0.0	-0.6	0.1	1.9	0.0	-0.1	0.0	5.9	0.0	2.2	0.0	>80.0	0.3	>80.0	0.0	>80.0	0.0	>80.0	0.1	57.3	0.5	41.9	31.3
3	-0.9	9.6	-0.2	0.1	2.0	4.8	0.3	0.0	5.5	3.7	3.4	0.0	>80.0	24.8	>80.0	0.0	>80.0	0.0	>80.0	0.0	56.8	0.1	16.4	34.4
4	-1.8	42.6	0.1	0.0	1.8	9.2	0.6	5.1	5.6	0.0	4.5	0.6	68.7	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.0	55.3	0.0	7.3	12.9
5	-1.3	2.2	0.4	0.0	1.1	1.6	0.3	1.5	6.2	0.0	5.7	0.0	31.1	20.3	>80.0	0.0	>80.0	0.0	>80.0	0.0	54.1	0.0	9.6	0.0
6	-0.8	1.8	0.5	0.0	0.3	2.4	0.7	0.0	7.0	0.0	7.2	2.4	10.5	20.8	>80.0	0.0	>80.0	0.0	>80.0	0.0	53.4	0.0	9.4	1.9
7	-0.3	0.0	0.7	0.5	-0.4	5.1	1.0	0.0	8.2	3.6	8.0	1.8	8.9	0.0	>80.0	4.2	>80.0	0.0	79.7	0.0	53.2	0.9	8.3	4.6
8	0.0	0.0	0.9	0.3	-0.8	4.8	1.2	0.0	8.6	0.0	8.7	19.1	12.8	0.0	>80.0	1.7	>80.0	0.0	79.1	0.0	53.1	1.2	6.7	5.0
9	0.3	0.0	1.0	0.0	-0.3	0.0	1.5	0.2	9.8	0.1	4.1	0.2	17.2	0.0	>80.0	0.7	>80.0	0.0	78.2	0.0	52.1	0.0	4.6	13.5
10	0.5	0.0	1.2	0.6	0.0	1.5	1.8	1.0	10.0	6.6	5.7	0.0	22.0	0.0	>80.0	0.6	>80.0	0.0	76.7	0.0	51.1	1.1	2.5	4.1
11	0.6	1.4	1.0	3.3	0.0	4.1	2.0	0.0	8.5	0.0	5.4	16.3	27.2	0.0	>80.0	0.0	>80.0	0.0	75.6	0.0	50.7	3.7	1.9	0.7
12	0.8	0.0	0.8	1.4	-0.3	8.1	2.1	0.0	9.5	11.2	1.9	8.7	33.2	0.0	>80.0	0.0	>80.0	10.5	75.3	0.0	50.6	0.7	2.0	0.0
13	0.9	0.0	0.9	0.0	-0.6	3.1	2.4	0.0	6.5	1.0	-0.2	30.1	40.5	0.0	>80.0	2.9	>80.0	11.8	74.2	0.0	50.8	4.5	2.4	0.0
14	1.0	0.0	1.1	0.4	-0.3	0.0	2.7	0.0	6.7	11.2	0.7	0.0	49.1	0.0	>80.0	4.2	>80.0	0.2	72.5	0.0	50.2	0.0	2.6	0.0
15	1.1	2.2	0.8	19.0	-0.1	0.0	2.8	0.0	2.1	21.3	1.6	0.0	58.4	2.3	>80.0	0.0	>80.0	0.0	71.5	0.0	49.4	0.0	2.8	0.0
16	0.3	7.3	-0.8	5.2	0.4	0.0	3.0	0.0	1.4	14.5	2.6	0.0	68.0	0.1	>80.0	0.0	>80.0	0.0	71.0	0.0	48.7	0.0	2.9	4.1
17	-0.3	5.1	-1.0	13.1	0.4	10.5	3.3	0.0	1.4	4.7	3.6	0.0	78.1	1.2	>80.0	11.7	>80.0	0.0	70.1	0.0	48.0	0.0	1.8	4.3
18	-1.0	19.8	-0.9	0.1	-0.7	1.1	3.5	0.0	2.2	0.0	4.8	0.0	>80.0	0.0	>80.0	0.0	>80.0	2.8	69.1	0.0	47.2	0.0	1.6	0.0
19	-1.3	6.9	-0.5	0.0	-0.2	0.5	3.7	0.0	3.2	8.4	6.4	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.1	68.5	0.0	45.6	0.1	1.7	6.9
20	-1.0	20.5	-0.2	0.0	0.3	0.0	3.9	0.0	2.5	0.1	8.6	0.0	>80.0	4.4	>80.0	0.0	>80.0	0.0	68.2	0.0	44.7	0.8	1.5	0.6
21	-1.5	10.0	0.2	0.0	0.8	1.3	4.2	0.0	3.6	0.0	11.2	0.0	>80.0	9.4	>80.0	0.0	>80.0	0.0	67.2	0.0	45.1	0.1	1.6	14.5
22	-2.4	52.4	0.3	0.0	0.9	0.2	4.4	0.0	4.5	6.7	14.0	0.0	>80.0	0.0	>80.0	5.4	>80.0	0.0	66.4	0.0	45.1	0.0	1.0	7.0
23	-1.4	0.0	0.6	0.0	0.9	0.9	4.7	0.1	4.0	3.9	17.0	0.0	>80.0	0.0	>80.0	0.1	>80.0	11.9	65.8	0.0	44.5	1.9	1.2	15.8
24	-0.8	0.0	0.8	0.0	1.0	0.0	4.9	0.0	4.5	0.4	20.7	0.0	>80.0	0.0	>80.0	11.5	>80.0	0.1	64.8	0.0	43.7	2.0	0.8	16.2
25	-0.4	0.0	1.1	0.0	1.3	0.0	5.2	0.0	5.5	0.0	25.3	0.0	>80.0	0.0	>80.0	0.9	>80.0	1.2	63.4	0.0	42.7	0.1	1.9	0.0
26	-0.2	0.1	1.3	0.0	1.6	0.7	5.6	0.0	6.5	0.0	30.9	0.0	>80.0	0.0	>80.0	0.1	>80.0	0.0	61.9	0.0	50.0	0.3	2.3	0.0
27	0.2	0.9	1.5	0.0	1.7	2.5	5.8	0.0	7.5	18.1	38.2	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.0	60.0	14.3	59.4	2.6	2.6	0.0
28	0.4	0.0	1.7	0.0	0.6	13.6	6.1	0.0	2.9	4.3	47.2	0.0	>80.0	10.6	>80.0	0.0	>80.0	0.0	57.4	6.1	57.5	0.0	2.8	0.0
29	0.6	0.0			-0.7	8.3	6.5	0.0	4.3	3.1	56.3	0.0	>80.0	0.0	>80.0	6.6	>80.0	0.0	57.4	2.2	55.5	0.0	3.0	0.0
30	0.7	0.0			-0.4	5.3	6.2	4.6	5.2	34.5	67.1	0.0	>80.0	0.0	>80.0	0.1	>80.0	11.1	57.4	1.6	53.5	2.1	3.2	0.0
31	0.7	3.1			-0.9	7.3			0.2	3.5			>80.0	0.0	>80.0	3.3			57.9	0.1			3.3	0.3

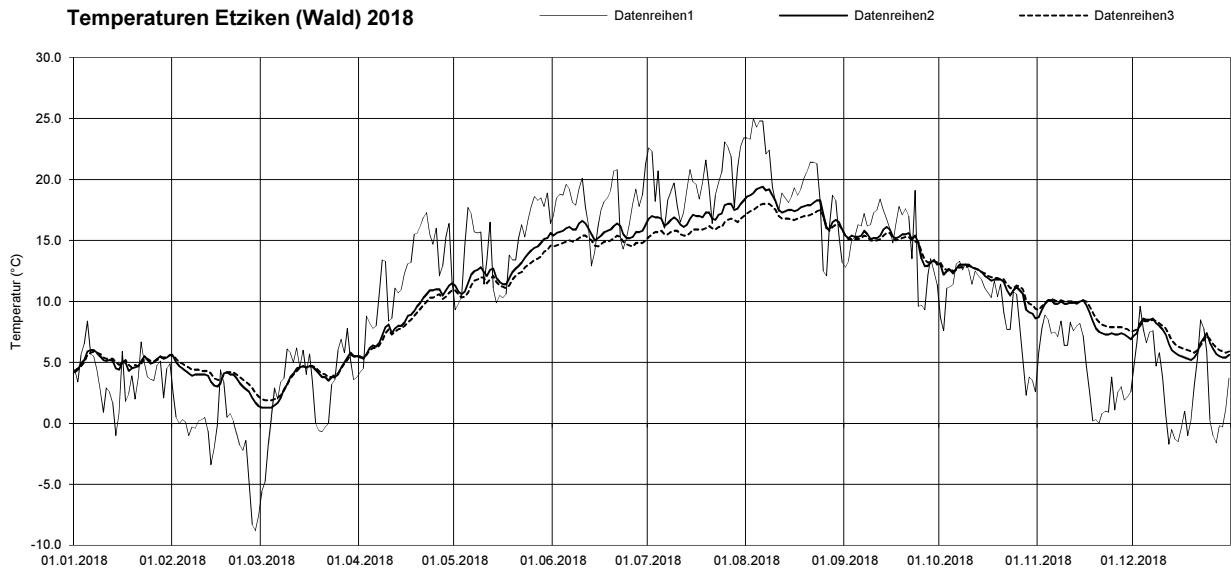
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	185.9	61.6	96.9	14.0	164.3	79.3	94.2	14.0	50.6	27.6	25.4	178.3
Saugspannung 20 cm (cbar)	Monatsmittel	1.0	1.6	1.5	4.4	6.0	17.7	61.4	>80.0	>80.0	68.9	43.9	3.5
	Maximum	2.4	3.0	2.9	8.9	12.3	>80.0	>80.0	>80.0	>80.0	>80.0	55.5	23.1
	Minimum	-1.4	-0.4	0.1	0.6	0.3	0.1	2.5	>80.0	>80.0	54.1	23.3	0.7
Saugspannung 35 cm (cbar)	Monatsmittel	-0.3	0.4	0.4	3.0	5.3	13.9	60.8	>80.0	>80.0	70.6	50.9	6.6
	Maximum	1.1	1.8	2.1	6.9	10.7	76.7	>80.0	>80.0	>80.0	>80.0	60.0	52.5
	Minimum	-2.7	-1.7	-1.0	-0.7	-0.6	-0.9	3.6	>80.0	>80.0	56.0	41.9	0.3
Bodentemperatur 20 cm (°C)	Monatsmittel	5.1	3.6	3.7	8.7	12.8	15.8	17.0	17.8	15.0	11.7	8.7	6.6
	Maximum	6.1	5.7	6.0	11.9	15.9	17.3	19.1	20.2	16.5	13.5	10.3	8.7
	Minimum	4.0	1.3	1.3	4.9	10.4	14.6	15.4	15.2	12.4	8.4	6.8	5.1
Bodentemperatur 35 cm (°C)	Monatsmittel	5.2	4.0	3.9	8.3	12.1	14.9	16.0	17.0	14.8	11.9	9.1	7.0
	Maximum	5.9	5.6	5.7	11.1	14.8	15.6	17.3	18.3	15.8	13.3	10.2	8.6
	Minimum	4.2	2.1	1.9	5.2	10.2	14.3	15.1	15.5	13.0	9.3	7.5	5.8
Lufttemperatur (°C)	Monatsmittel	3.8	-1.1	3.0	12.1	14.5	17.8	19.7	19.5	15.1	9.6	4.7	3.0
	Maximum	10.0	5.8	14.0	27.2	26.7	29.6	32.5	33.8	26.9	19.7	12.3	11.0
	Minimum	-2.8	-12.9	-8.1	-2.0	6.4	7.6	9.9	7.5	1.7	-1.2	-2.2	-3.9



Juli – Oktober 2018: Die Tensiometer konnten teilweise aufgrund extremer Trockenheit keine korrekten Messwerte mehr liefern

Temperaturen Etziken (Wald) 2018



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken

Wald

Saure Braunerde; pseudogleyig, gleyig

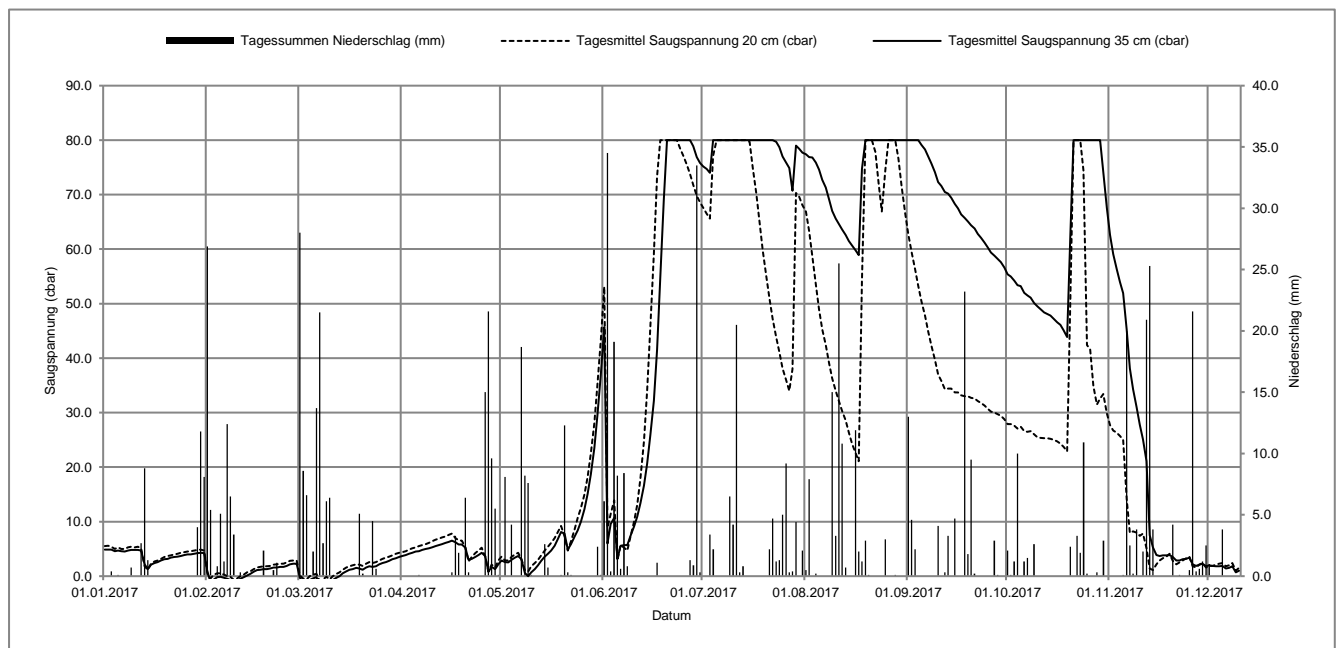
Koordinaten 615337 / 227471, 465 müM

mittelschwerer Boden

2017 Tag	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	4.9	0.0	-1.1	5.4	-1.0	8.6	3.9	0.0	2.6	8.1	6.0	34.5	74.7	0.0	76.9	7.9	>80.0	4.6	55.0	0.1	59.1	0.0	1.9	0.0
2	4.9	0.4	-0.6	0.0	-1.2	6.6	4.1	0.0	2.5	0.0	9.6	0.4	74.0	3.4	76.8	0.0	>80.0	2.2	54.2	1.2	56.3	0.0	1.8	0.0
3	4.6	0.0	-0.2	0.8	-0.7	0.0	4.3	0.0	3.0	4.2	10.7	19.1	>80.0	2.2	75.9	0.2	>80.0	0.0	53.4	10.0	54.0	0.0	1.8	0.0
4	4.7	0.1	-0.1	5.1	-0.4	2.0	4.5	0.0	3.4	0.0	3.2	8.2	>80.0	0.0	74.6	0.0	79.1	0.0	53.2	0.0	51.9	0.1	1.9	3.8
5	4.6	0.0	-0.3	1.2	-0.2	13.7	4.6	0.1	3.7	0.0	5.6	0.6	>80.0	0.0	72.7	0.0	78.3	0.0	52.0	1.2	45.3	20.0	1.4	0.0
6	4.5	0.0	-0.5	12.4	-1.6	21.5	4.8	0.0	3.1	18.7	5.7	8.4	>80.0	0.0	71.3	0.0	77.0	0.0	51.5	1.5	38.1	2.5	1.5	0.0
7	4.7	0.0	-0.7	6.5	-1.3	2.7	5.0	0.0	0.6	8.2	5.7	0.8	>80.0	0.0	69.2	0.0	75.7	0.0	51.1	0.0	34.3	0.2	1.8	0.0
8	4.8	0.7	-1.2	3.4	-0.8	6.1	5.1	0.0	0.0	7.6	7.4	0.0	>80.0	6.5	67.0	15.0	74.1	0.0	50.1	2.6	31.0	3.8	0.7	0.0
9	4.8	0.0	-0.9	0.0	-1.3	6.4	5.3	0.0	0.7	0.1	9.1	0.0	>80.0	4.2	65.6	3.3	72.3	4.1	49.5	0.0	27.8	0.0	1.0	0.0
10	4.8	0.0	-0.5	0.3	-0.7	0.0	5.5	0.0	1.3	0.0	10.9	0.0	>80.0	20.5	64.6	25.5	71.6	0.0	49.0	0.0	25.1	2.0	1.1	0.0
11	4.7	2.7	-0.2	0.0	-0.3	0.0	5.7	0.0	2.0	0.0	13.4	0.0	>80.0	0.3	63.6	10.8	70.5	0.3	48.4	0.0	21.1	20.9	0.3	0.0
12	2.2	8.8	0.1	0.0	0.0	0.0	5.9	0.0	2.8	0.0	16.6	0.0	>80.0	0.8	62.6	0.7	70.2	3.3	48.1	0.0	7.5	25.3	0.7	0.0
13	1.3	1.3	0.4	0.0	0.5	0.0	6.1	0.0	3.6	2.6	20.7	0.0	>80.0	0.0	61.5	0.0	69.4	0.0	47.8	0.0	5.3	3.8	1.4	0.0
14	2.1	0.0	0.8	0.0	0.9	0.0	6.3	0.0	4.1	0.7	25.9	0.0	>80.0	0.0	60.7	0.0	68.3	4.7	47.2	0.0	3.9	0.0	0.0	0.0
15	2.4	0.0	1.1	0.0	1.2	0.0	6.5	0.3	4.7	0.0	32.2	0.0	>80.0	0.0	59.8	11.9	67.5	0.0	46.6	0.0	3.7	0.0	0.3	0.0
16	2.6	0.0	1.2	0.0	1.3	0.0	6.2	3.3	5.6	0.0	41.6	1.1	>80.0	0.0	58.9	2.0	66.4	0.0	46.1	0.0	3.8	0.0	1.4	0.0
17	2.9	0.0	1.3	2.1	1.5	0.0	5.8	1.9	6.8	0.0	54.8	0.0	>80.0	0.0	74.7	1.2	65.7	23.2	45.1	0.0	3.8	0.0	2.2	0.0
18	3.1	0.0	1.3	0.0	1.4	5.1	5.8	0.0	8.1	0.1	69.1	0.0	>80.0	0.0	>80.0	2.9	65.1	1.8	43.9	0.0	3.9	0.0	2.5	0.0
19	3.2	0.0	1.4	0.0	1.2	0.2	5.2	6.4	7.8	12.3	>80.0	0.0	>80.0	0.0	>80.0	0.1	64.4	9.5	62.5	2.4	3.5	4.2	2.7	0.0
20	3.4	0.0	1.6	0.5	1.6	0.0	3.0	0.3	4.9	0.3	>80.0	0.0	>80.0	2.2	>80.0	0.0	63.8	0.2	>80.0	0.0	2.9	0.0	2.5	0.0
21	3.5	0.0	1.6	1.1	1.8	0.0	3.2	0.0	5.9	0.1	>80.0	0.0	>80.0	4.7	>80.0	0.0	62.8	0.0	>80.0	3.3	2.9	0.1	1.9	0.0
22	3.6	0.0	1.7	0.0	1.7	4.5	3.5	0.0	7.2	0.0	>80.0	0.0	79.7	1.2	>80.0	0.0	62.1	0.0	>80.0	1.9	3.1	0.0	1.3	0.0
23	3.7	0.0	1.7	0.0	1.8	0.6	3.9	0.0	8.4	0.0	>80.0	0.0	78.7	1.3	>80.0	0.0	61.2	0.0	>80.0	10.9	3.2	0.0	2.0	0.0
24	3.9	0.0	1.9	0.0	2.2	0.0	4.3	0.0	10.0	0.0	>80.0	0.0	77.0	5.0	>80.0	3.0	60.3	0.0	>80.0	0.2	3.4	0.5	2.4	0.0
25	4.0	0.0	2.2	0.0	2.4	0.0	3.7	15.0	12.3	0.0	>80.0	0.0	75.9	9.2	>80.0	0.0	59.4	0.0	>80.0	0.0	2.2	21.6	2.6	0.0
26	4.0	0.0	2.3	0.0	2.6	0.0	0.8	21.6	15.1	0.0	>80.0	1.3	74.9	0.3	>80.0	0.0	58.8	2.9	>80.0	0.0	1.9	0.4	2.7	0.0
27	4.1	0.0	2.3	0.0	2.8	0.0	1.7	9.6	18.7	0.0	78.9	0.9	70.7	0.4	>80.0	0.1	58.2	0.1	>80.0	0.3	2.1	0.6	2.4	0.0
28	4.2	4.0	-0.3	28.0	3.1	0.0	1.3	5.5	23.5	0.0	76.9	33.5	79.0	4.4	>80.0	0.0	57.6	0.0	>80.0	0.0	2.3	1.2	1.6	0.0
29	4.3	11.8			3.3	0.0	2.2	0.1	29.8	2.4	75.8	0.3	78.4	0.0	>80.0	0.0	56.6	0.0	74.1	2.9	1.8	2.5	2.0	0.0
30	4.2	8.1			3.5	0.0	2.9	0.0	36.8	0.1	75.2	0.0	77.7	2.1	>80.0	0.0	55.4	2.1	67.6	0.0	2.0	1.0	0.8	0.0
31	0.9	26.9			3.7	0.0			45.7	6.1			77.4	0.5	>80.0	13.0			62.6	0.0			-0.6	0.0

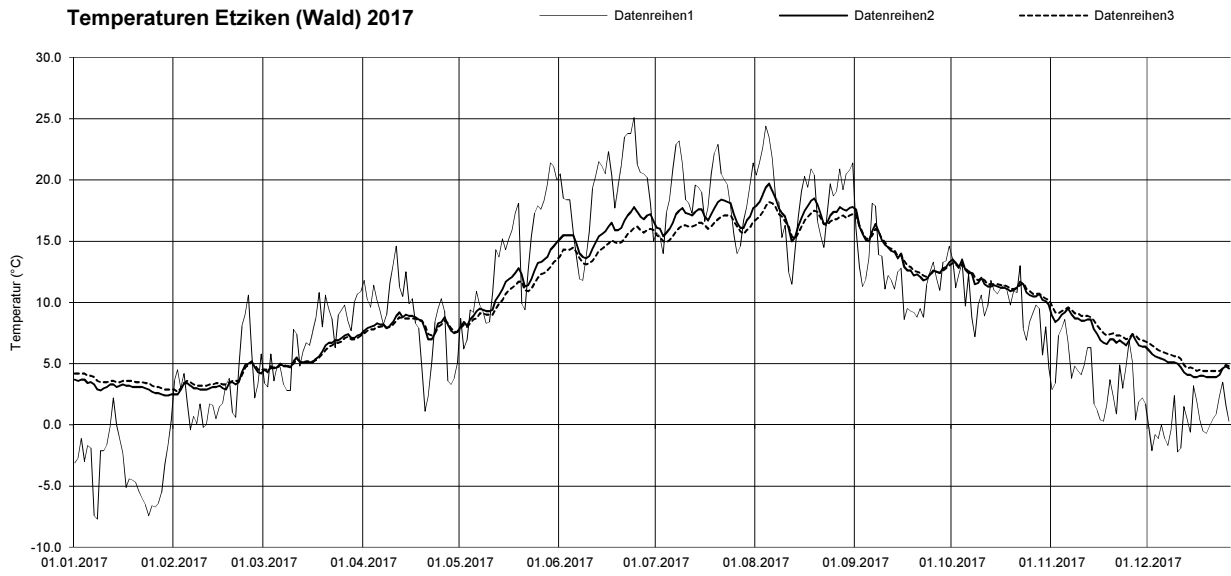
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	64.8	66.8	78.0	64.1	84.6	96.1	69.2	64.1	58.5	38.5	110.7	3.8
Saugspannung 20 cm (cbar)	Monatsmittel	4.1	1.2	1.6	5.1	11.0	46.7	64.9	54.9	36.7	35.5	7.0	1.9
	Maximum	5.6	2.9	4.6	7.9	60.7	>80.0	>80.0	>80.0	61.0	>80.0	27.1	3.4
	Minimum	-0.6	-0.8	-1.4	-0.1	0.1	1.0	25.2	19.8	27.6	22.5	0.5	-0.1
Saugspannung 35 cm (cbar)	Monatsmittel	3.7	0.6	0.9	4.4	9.2	43.3	78.5	73.3	67.7	60.6	16.9	1.6
	Maximum	5.2	2.4	3.8	6.6	51.7	>80.0	>80.0	>80.0	>80.0	>80.0	60.7	2.7
	Minimum	-1.0	-1.4	-2.1	0.4	-0.3	0.9	47.2	58.0	55.1	43.3	1.0	-1.2
Bodentemperatur 20 cm (°C)	Monatsmittel	3.0	3.5	5.9	8.2	11.5	15.9	17.1	17.5	13.7	11.3	7.6	4.5
	Maximum	3.8	5.3	8.2	9.5	15.9	18.7	19.4	20.5	16.9	13.7	9.6	5.9
	Minimum	2.4	2.4	4.2	6.5	7.6	12.8	15.0	14.7	11.3	8.7	5.9	3.5
Bodentemperatur 35 cm (°C)	Monatsmittel	3.5	3.7	5.8	8.1	10.7	14.8	16.2	16.9	13.8	11.5	8.1	5.0
	Maximum	4.2	5.2	7.8	8.9	14.2	16.5	17.5	18.5	16.8	13.3	9.6	6.6
	Minimum	2.8	2.6	4.4	7.0	7.8	12.8	14.7	14.9	11.9	9.5	6.6	3.9
Lufttemperatur (°C)	Monatsmittel	-3.3	3.0	7.4	8.4	14.0	19.0	18.8	18.6	12.1	9.6	3.7	0.5
	Maximum	4.8	18.2	20.4	24.5	30.8	33.2	33.1	32.8	24.0	19.6	13.8	8.2
	Minimum	-10.7	-3.3	-1.2	-2.8	0.0	5.0	10.3	9.0	2.7	-0.5	-2.8	-5.4



Juni – Oktober 2017: Die Tensiometer konnten teilweise aufgrund extremer Trockenheit keine korrekten Messwerte mehr liefern

Temperaturen Etziken (Wald) 2017



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken Wald

Saure Braunerde; pseudogleyig

Koordinaten 615337 / 227471, 465 müM

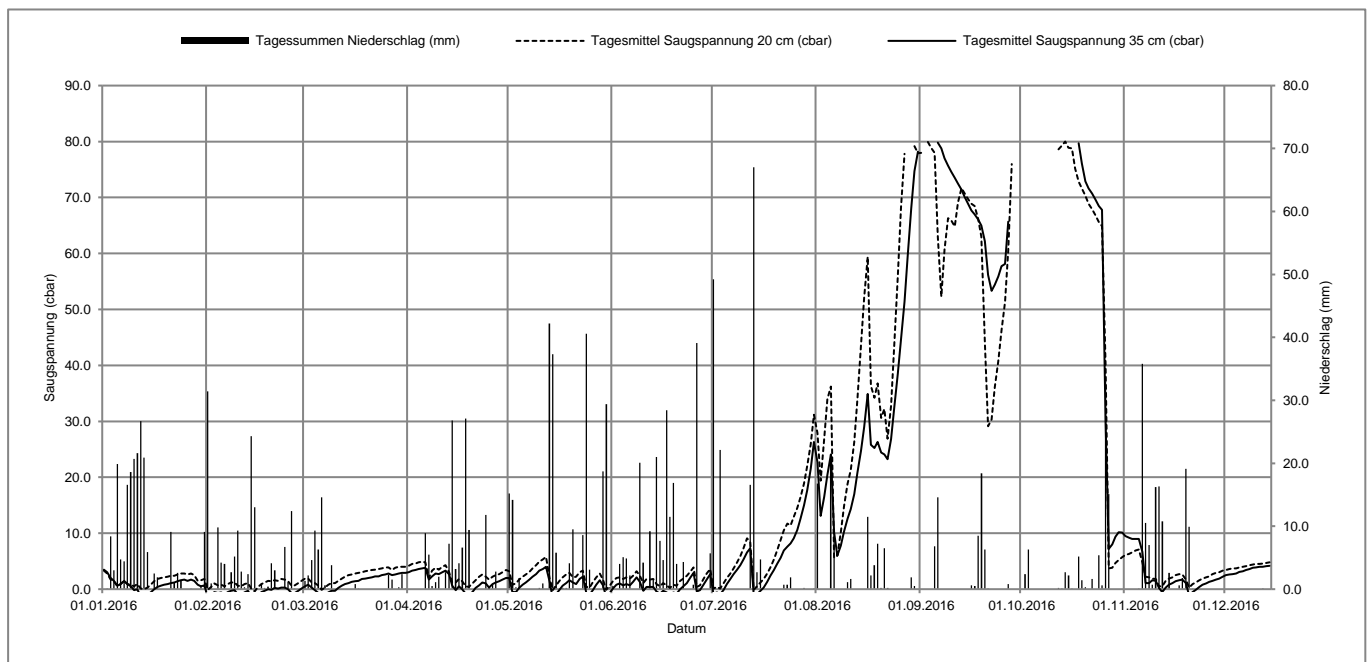
mittelschwerer Boden

2016 Tag	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	3.5	0.0	-1.5	31.4	0.5	1.3	3.0	0.0	2.0	15.2	0.1	0.5	-0.8	49.2	22.7	16.8	-	0.0	-	0.0	9.5	0.0	2.5	0.0
2	3.0	0.1	-1.0	0.9	0.8	2.2	3.3	0.0	-0.5	14.2	0.8	0.0	-0.6	0.0	13.1	0.0	-	0.0	-	2.4	9.2	0.0	2.6	0.0
3	2.0	8.4	-0.5	0.0	0.3	4.6	3.4	0.0	-0.5	0.3	1.0	4.0	-0.9	22.1	16.5	0.0	-	0.0	-	6.3	9.0	0.0	2.7	0.0
4	1.5	3.0	-0.7	9.8	-0.2	9.3	3.6	0.0	0.2	1.8	0.7	5.1	-0.1	0.0	20.4	0.0	-	0.0	-	0.0	9.0	0.0	2.8	0.0
5	0.6	19.9	-0.6	4.2	-0.7	6.3	3.7	0.0	0.8	0.0	0.9	4.9	0.9	0.0	24.1	20.4	-	6.8	-	0.0	9.0	0.1	3.1	0.0
6	0.9	4.7	-0.9	4.0	-1.4	14.6	3.8	8.9	1.2	0.0	0.7	2.2	1.8	0.0	10.2	9.0	79.8	14.6	-	0.0	6.7	35.8	3.2	0.0
7	1.5	4.4	-0.5	0.0	-1.1	0.6	1.7	5.5	1.7	0.0	1.3	0.0	2.7	0.0	6.0	0.0	78.8	0.0	-	0.0	1.1	10.5	3.4	0.0
8	0.9	16.6	-0.3	2.7	-0.6	0.1	2.3	0.5	2.2	0.0	2.1	0.0	3.5	0.0	7.8	0.0	77.0	0.0	-	0.0	1.1	7.0	3.6	0.0
9	0.5	18.6	-0.2	5.2	-0.3	3.8	2.8	1.1	2.7	0.0	1.3	20.1	4.3	0.0	10.3	0.0	75.7	0.0	-	0.0	1.6	0.7	3.8	0.0
10	-0.2	20.7	-0.9	9.3	-0.3	0.0	2.7	2.0	3.3	0.2	-0.3	4.2	5.3	0.0	12.6	1.1	74.6	0.0	-	0.0	1.5	16.2	3.9	0.0
11	0.0	21.6	-1.0	2.8	0.2	0.0	3.0	0.0	3.6	0.9	0.4	0.0	6.6	0.0	14.3	1.6	73.5	0.0	-	0.0	0.2	16.3	4.0	0.0
12	-1.3	26.7	-0.6	0.3	0.6	0.0	3.3	2.7	4.0	0.0	0.4	9.2	7.3	16.6	17.0	0.0	72.5	0.0	-	0.2	-0.5	10.8	4.0	0.1
13	-1.3	20.9	-0.3	2.4	0.9	0.0	2.7	7.2	1.4	42.2	0.4	1.5	-1.1	67.0	20.9	0.0	71.4	0.0	-	0.1	0.3	0.0	4.1	0.0
14	-1.0	5.9	-1.3	24.3	1.1	0.0	0.6	26.8	-1.6	37.3	-0.4	21.0	-0.9	2.7	24.7	0.0	70.1	0.0	-	2.7	0.8	2.6	4.2	0.0
15	-0.6	0.0	-1.7	13.0	1.3	0.0	-0.2	3.2	-0.9	5.8	-0.8	7.7	-0.3	4.7	29.0	0.0	68.8	0.0	-	2.2	1.1	0.0	4.2	0.0
16	0.0	2.5	-1.1	0.0	1.4	0.8	0.5	4.1	-0.1	0.0	-0.3	4.6	0.3	0.0	34.9	11.5	67.7	0.6	-	0.1	1.4	0.0	4.3	0.0
17	0.4	1.9	-0.5	0.9	1.5	0.1	0.0	6.6	0.6	0.2	-0.6	28.4	1.3	0.0	25.8	2.2	67.0	0.5	-	0.0	1.6	0.6	4.4	0.0
18	0.6	0.0	-0.3	0.2	1.8	0.0	-0.8	27.1	1.1	0.2	-1.2	11.5	2.4	0.0	25.2	3.8	66.1	8.5	79.7	5.2	1.7	1.8	4.4	0.0
19	0.8	0.0	0.0	0.4	1.9	0.0	-1.0	9.4	1.6	4.1	-0.6	16.9	3.4	0.0	26.3	7.2	65.0	18.4	76.1	1.4	1.1	19.1	4.5	0.0
20	0.9	0.0	-0.1	4.1	2.0	0.0	-0.5	0.0	1.2	9.5	0.8	4.0	4.5	0.0	24.4	0.2	62.2	6.3	72.9	0.3	-1.1	9.9	4.5	0.2
21	1.1	9.1	0.2	3.0	2.1	0.0	0.2	0.0	0.9	0.0	0.0	0.0	5.6	0.0	24.1	6.5	56.2	0.1	71.6	0.0	-0.5	0.1	4.5	0.0
22	1.2	1.0	0.1	0.0	2.3	0.0	0.7	0.0	1.8	0.0	0.5	4.3	6.9	0.7	23.2	0.2	53.3	0.0	70.7	1.6	-0.1	0.0	4.6	0.0
23	1.4	2.6	0.3	0.1	2.3	0.0	1.2	0.0	2.2	8.6	1.1	0.0	7.6	0.7	26.8	0.0	54.4	0.0	69.7	0.0	0.4	0.0	4.6	0.7
24	1.6	1.3	0.3	6.7	2.5	0.0	1.0	11.8	-0.7	40.6	2.0	0.0	8.2	1.9	32.5	0.0	55.9	0.0	68.5	5.4	0.8	0.0	4.4	0.0
25	1.7	0.0	0.0	1.1	2.6	0.0	0.3	0.5	-1.0	3.1	2.9	0.7	9.1	0.0	38.5	0.0	57.7	0.0	67.8	0.6	1.0	0.0	4.4	0.0
26	1.5	0.0	-0.7	12.4	2.8	2.3	0.9	0.7	-0.1	0.0	-0.4	39.1	10.6	0.0	44.6	0.0	58.1	0.0	30.2	32.9	1.3	0.0	4.5	0.0
27	1.7	0.1	-0.7	0.1	2.5	1.5	1.2	2.8	0.8	0.0	-0.2	0.1	12.6	0.0	51.4	0.0	65.7	0.8	7.2	15.1	1.5	0.0	4.6	0.2
28	1.5	0.0	-0.3	0.0	2.6	0.0	1.4	0.0	1.6	0.0	0.8	0.0	15.0	0.2	59.6	0.0	-	0.0	8.0	0.0	1.7	0.0	4.7	0.0
29	0.8	0.0	0.1	0.0	2.8	0.3	1.7	0.0	0.7	18.7	1.7	0.0	17.7	0.0	68.1	1.9	-	0.0	9.4	0.0	1.9	0.0	4.8	0.0
30	0.5	0.6	-	-	2.9	2.4	2.0	0.0	-1.4	29.4	2.7	5.7	21.5	0.0	74.7	0.5	-	0.0	10.2	0.0	2.2	0.0	4.8	0.0
31	0.7	9.1	-	-	2.9	0.1	-	-	-0.7	0.3	-	-	26.3	0.1	78.2	0.0	-	-	10.1	0.0	-	-	4.8	0.0

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm)

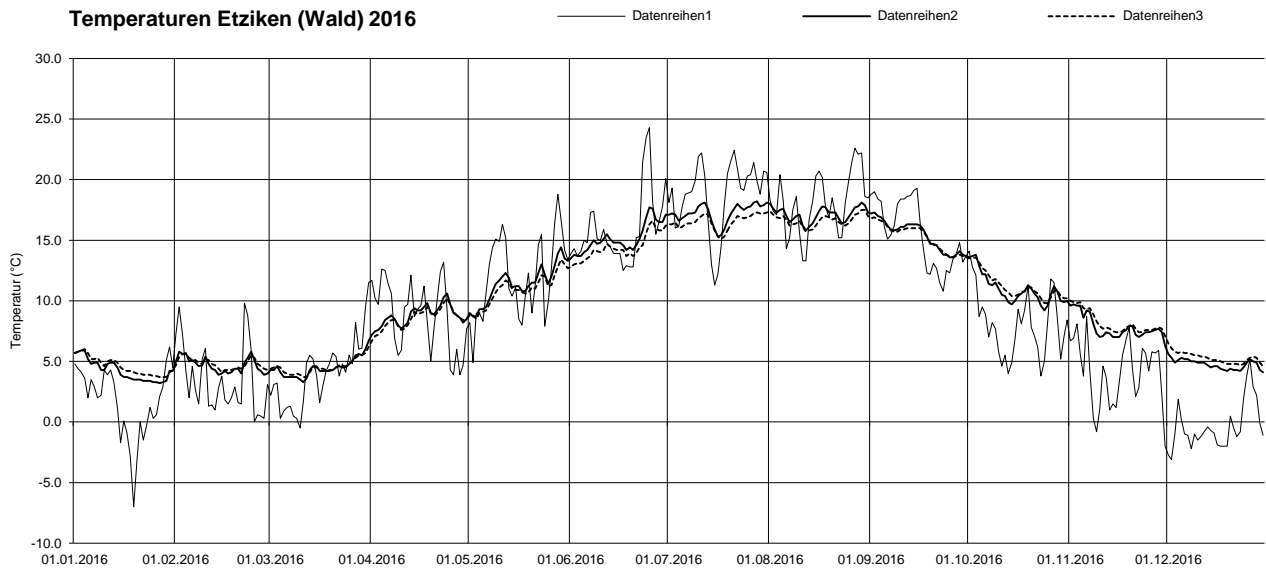
		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	199.7	139.3	50.3	120.9	232.6	195.7	165.9	82.9	56.6	76.5	131.5	1.2
Saugspannung 20 cm (cbar)	Monatssumme	1.7	0.9	2.5	2.8	2.3	1.8	8.1	(36.9)	(61.1)	(54.2)	2.8	4.7
	Maximum	3.3	1.8	4.0	4.9	5.8	3.9	31.2	(79.2)	(79.9)	(80.0)	7.1	5.5
	Minimum	0.0	-0.4	-0.1	0.4	-0.2	0.2	-0.1	(5.6)	(29.1)	(3.7)	0.3	3.4
Saugspannung 35 cm (cbar)	Monatssumme	0.9	-0.5	1.2	1.6	0.9	0.5	5.8	29.3	(66.9)	(46.6)	2.5	4.0
	Maximum	3.5	0.3	2.9	3.8	4.0	2.9	26.3	78.2	(79.8)	(79.7)	9.5	4.8
	Minimum	-1.3	-1.7	-1.4	-1.0	-1.6	-1.2	-1.1	6.0	(53.3)	(7.2)	-1.1	2.5
Bodentemperatur 20 cm (°C)	Monatssumme	4.2	4.7	4.5	8.8	11.4	15.1	17.2	17.1	15.4	11.0	7.8	4.7
	Maximum	5.9	5.8	6.7	10.6	14.4	17.7	18.2	18.1	17.3	13.8	9.7	5.6
	Minimum	3.2	3.9	3.3	7.2	8.7	13.5	15.3	15.8	13.6	9.2	6.3	3.8
Bodentemperatur 35 cm (°C)	Monatssumme	4.6	4.8	4.5	8.5	10.9	14.4	16.5	16.7	15.3	11.2	8.2	5.3
	Maximum	6.0	5.6	6.2	10.2	13.4	16.6	17.3	17.5	16.9	13.6	10.0	6.5
	Minimum	3.7	4.1	3.7	6.7	8.5	12.8	15.1	15.7	13.6	9.8	7.1	4.4
Lufttemperatur (°C)	Monatssumme	1.7	3.5	4.0	8.8	12.0	15.9	18.7	18.0	15.5	8.0	4.1	-0.4
	Maximum	11.6	15.0	20.2	21.9	27.0	33.1	32.0	31.9	26.9	17.9	12.8	8.7
	Minimum	-8.5	-2.8	-4.2	-2.6	2.2	8.9	7.6	7.0	5.8	-0.4	-5.1	-5.5

() = Datengrundlage unvollständig



Juli – Oktober 2016: Die Tensiometer konnten teilweise aufgrund extremer Trockenheit keine korrekten Messwerte mehr liefern.

Temperaturen Etziken (Wald) 2016



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken Wald

Saure Braunerde; pseudogleyig

Koordinaten 615337 / 227471, 465 mÜM

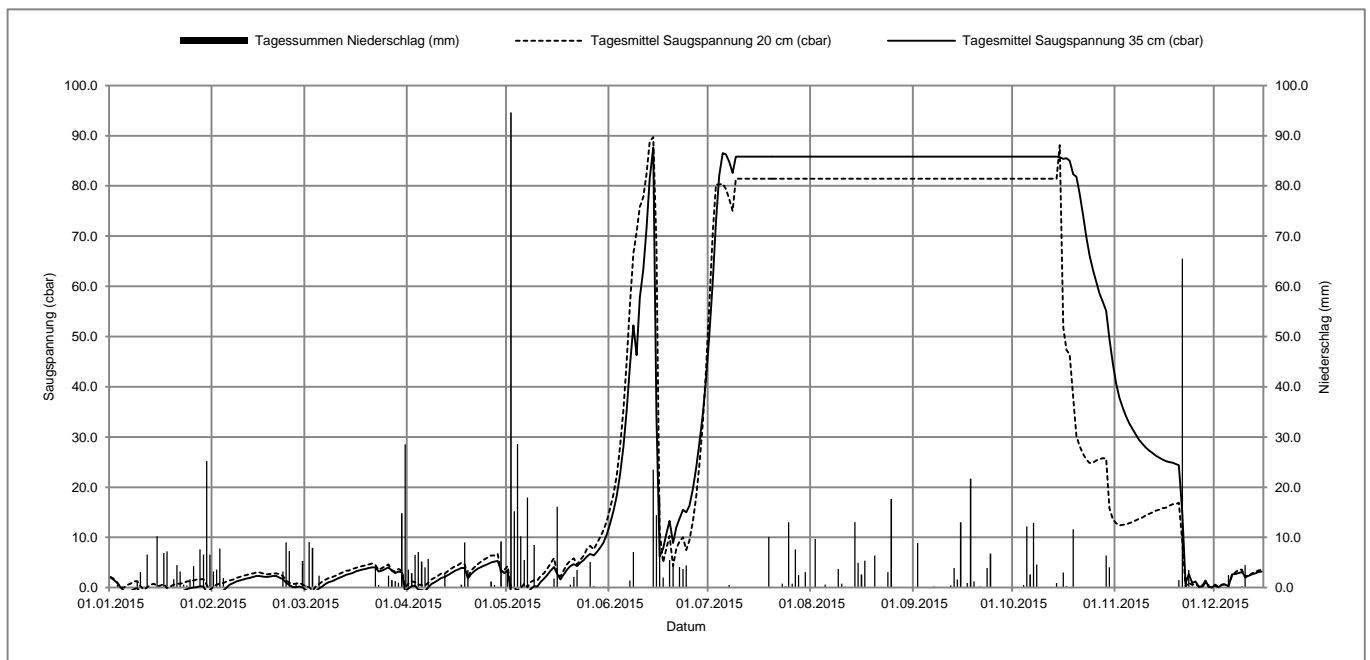
mittelschwerer Boden

2015 Tag	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	2.0	0.0	-1.4	3.2	-0.5	0.4	-0.2	3.6	3.4	3.2	12.7	0.0	50.1	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	40.7	0.0	0.6	0.1
2	1.5	0.0	-1.0	3.6	-0.8	9.1	0.3	2.9	-0.7	94.6	15.3	0.0	61.0	0.0	(>80)	9.7	(>80)	8.9	(>80)	0.0	37.9	0.0	0.1	0.0
3	0.9	0.5	-0.7	7.8	-1.5	7.9	0.4	6.5	-1.6	15.2	18.3	0.1	72.9	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	35.8	0.0	0.6	0.0
4	0.0	0.0	-0.6	1.9	-0.7	0.0	-0.4	7.1	-1.8	28.6	22.4	0.0	>80	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.5	34.1	0.1	0.6	0.0
5	-0.7	0.0	0.0	0.1	-0.2	2.4	-0.5	5.2	-1.5	10.2	28.1	0.0	>80	0.0	(>80)	0.6	(>80)	0.0	(>80)	12.2	32.7	0.0	0.3	2.5
6	-0.8	0.0	0.6	0.0	0.3	0.0	-0.7	4.0	-0.6	5.5	35.3	0.0	0.0	0.0	(>80)	0.0	(>80)	0.0	(>80)	2.6	31.5	0.0	2.6	0.0
7	-0.7	0.0	0.9	0.0	0.8	0.0	0.0	5.7	-1.3	17.9	44.0	1.4	>80	0.5	(>80)	0.0	(>80)	0.2	(>80)	12.9	30.4	0.0	2.7	0.1
8	-0.3	0.1	1.2	0.0	1.1	0.0	0.7	0.0	-0.3	0.0	52.2	7.1	>80	0.0	(>80)	0.0	(>80)	0.0	(>80)	4.6	29.4	0.0	2.9	0.1
9	-0.1	1.3	1.4	0.1	1.3	0.0	1.1	0.0	0.3	8.5	46.3	0.0	>80	0.0	(>80)	3.7	(>80)	0.0	(>80)	0.0	28.6	0.0	3.1	0.3
10	-1.0	3.1	1.6	0.0	1.6	0.0	1.5	0.0	0.2	0.2	57.7	0.0	(>80)	0.0	(>80)	0.8	(>80)	0.0	(>80)	0.0	27.9	0.0	2.3	4.5
11	-1.9	0.2	1.8	0.0	1.9	0.0	1.9	0.0	1.1	0.0	63.4	0.0	(>80)	0.0	(>80)	0.2	(>80)	0.0	(>80)	0.0	27.3	0.0	2.3	0.0
12	-1.5	6.6	1.9	0.0	2.2	0.0	2.1	2.9	1.8	0.0	71.5	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.4	(>80)	0.0	26.8	0.0	2.6	0.0
13	-1.0	0.0	2.1	0.0	2.5	0.0	2.5	0.0	2.5	0.0	81.5	0.0	(>80)	0.0	(>80)	0.0	(>80)	3.9	(>80)	0.0	26.3	0.0	2.8	0.0
14	-0.7	0.0	2.3	0.0	2.7	0.0	2.9	0.0	3.3	0.0	87.6	23.5	(>80)	0.0	(>80)	13.0	(>80)	1.6	(>80)	0.9	25.9	0.1	3.1	0.0
15	-1.3	10.2	2.3	0.0	2.9	0.0	3.3	0.0	4.1	1.8	34.3	14.4	(>80)	0.0	(>80)	4.9	(>80)	13.0	>80	0.0	25.5	0.1	3.2	0.1
16	-1.2	0.0	2.2	0.0	3.2	0.0	3.6	0.0	2.7	16.1	6.2	17.7	(>80)	0.0	(>80)	2.6	(>80)	0.0	>80	3.0	25.2	0.0	3.4	0.0
17	-0.8	6.9	2.1	0.0	3.4	0.0	3.9	0.6	1.6	0.0	7.8	2.0	(>80)	0.0	(>80)	5.4	(>80)	0.9	>80	0.3	25.0	0.0	2.4	5.4
18	-1.6	7.2	2.2	0.0	3.6	0.0	3.9	9.0	2.7	0.0	10.7	0.1	(>80)	0.0	(>80)	0.0	21.7	>80	0.0	24.9	0.0	2.0	0.1	
19	-1.4	0.0	2.3	0.0	3.7	0.0	1.8	3.5	3.6	0.0	13.3	5.5	(>80)	10.1	(>80)	0.0	(>80)	1.2	>80	11.6	24.6	0.1	2.3	0.0
20	-0.9	1.7	2.3	0.0	3.9	0.0	2.7	0.0	4.3	0.6	8.9	4.6	(>80)	0.0	(>80)	6.4	(>80)	0.0	>80	0.0	24.4	1.5	2.6	0.2
21	-0.7	4.5	2.0	0.0	4.0	0.0	3.3	0.0	4.7	2.1	12.0	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.2	78.5	0.0	14.7	65.5	2.8	0.0
22	-0.8	3.2	1.7	3.2	4.0	3.9	3.8	0.0	4.3	3.5	13.7	4.1	(>80)	0.0	(>80)	0.0	(>80)	0.0	74.1	0.0	0.8	1.6	2.8	3.3
23	-0.6	0.6	1.0	9.0	3.2	0.5	4.1	0.0	4.9	0.0	15.5	3.7	(>80)	0.8	(>80)	0.0	(>80)	3.9	69.8	0.0	2.7	3.5	2.3	0.1
24	-0.3	0.4	0.5	7.3	3.4	0.0	4.4	0.0	5.5	0.0	15.0	4.4	(>80)	0.3	(>80)	3.1	(>80)	6.8	66.2	0.0	0.9	0.2	2.5	0.0
25	-0.1	1.7	0.1	0.1	3.7	0.0	4.7	0.0	6.2	0.0	16.3	0.0	(>80)	13.0	(>80)	17.7	(>80)	0.0	63.2	0.0	1.2	0.0	2.8	0.0
26	0.0	4.3	0.1	0.7	4.0	2.4	5.0	1.2	6.7	5.1	19.7	0.0	(>80)	0.8	(>80)	0.0	(>80)	0.0	60.9	0.0	0.2	0.1	3.1	0.1
27	0.1	0.0	0.2	0.0	3.3	1.5	5.2	0.5	6.4	0.3	23.8	0.0	(>80)	7.6	(>80)	0.0	(>80)	0.0	58.6	0.0	0.2	0.8	3.2	0.0
28	0.3	7.6	0.0	5.3	2.9	1.3	5.3	0.0	7.1	0.0	28.7	0.0	(>80)	2.5	(>80)	0.0	(>80)	0.0	56.8	0.1	1.4	0.0	3.4	0.1
29	0.2	6.6			3.2	1.0	3.5	9.2	7.9	0.0	34.6	0.0	(>80)	0.1	(>80)	0.0	(>80)	0.0	55.1	6.4	0.2	0.7	3.5	0.1
30	-1.0	25.2			3.0	14.8	2.9	0.0	9.0	0.2	41.6	0.0	(>80)	3.1	(>80)	0.0	(>80)	0.0	49.6	4.0	0.0	0.1	3.6	0.2
31	-2.1	6.6			-0.9	28.5			10.6	0.0			(>80)	0.0	(>80)	0.0	(>80)	0.0	44.5	0.0			3.6	0.0

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm); () = Datengrundlage unvollständig*

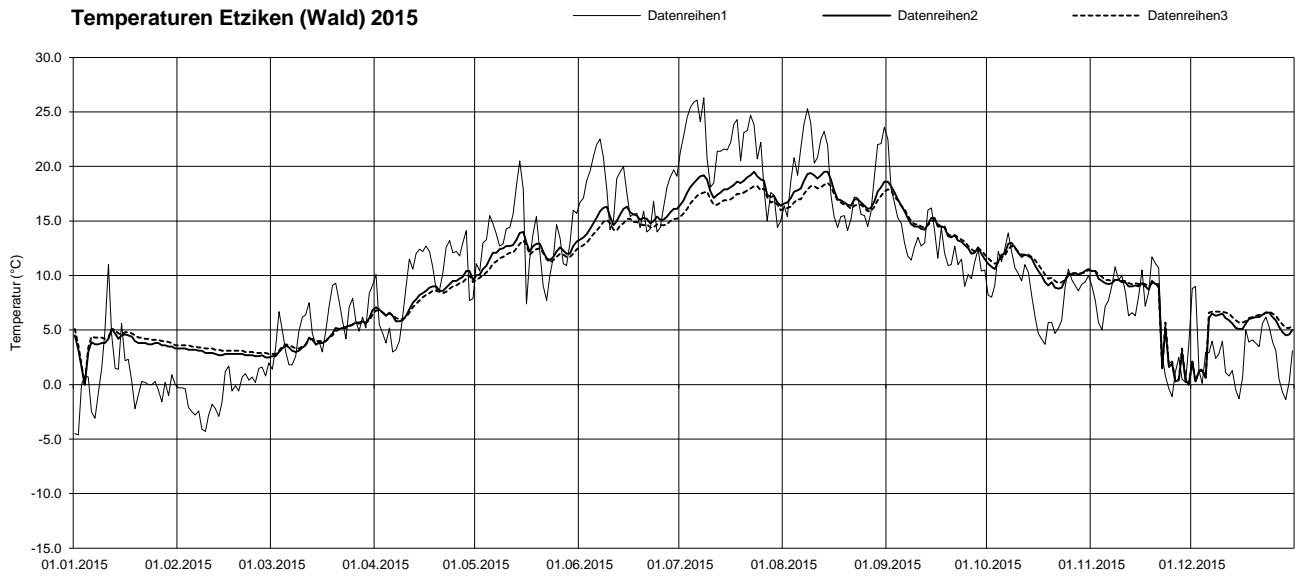
		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	101.7	39.5	76.9	61.2	210.6	88.6	38.8	68.1	62.7	59.1	74.5	20.2
Saugspannung 20 cm (cbar)	Monatssumme	0.7	1.8	2.8	3.4	4.8	36.4	(78.0)	(>80.0)	(>80.0)	(31.8)	11.0	3.0
	Maximum	2.7	3.4	5.0	7.0	17.7	89.9	(91.7)	(>80.0)	(>80.0)	(87.9)	16.9	4.3
	Minimum	-1.0	-0.2	-0.9	-0.1	-1.4	1.5	(66.2)	(>80.0)	(>80.0)	(12.6)	-1.0	0.0
Saugspannung 35 cm (cbar)	Monatssumme	-0.7	1.1	2.1	2.6	3.4	32.5	(80.2)	(>80.0)	(>80.0)	(68.0)	21.4	2.8
	Maximum	2.4	2.5	4.2	5.9	14.1	89.0	(92.9)	(>80.0)	(>80.0)	(85.6)	39.2	3.7
	Minimum	-2.7	-1.3	-1.9	-1.2	-2.7	2.5	(56.0)	(>80.0)	(>80.0)	(28.1)	0.0	0.0
Bodentemperatur 20 cm (°C)	Monatssumme	3.8	2.8	4.5	8.2	12.3	15.4	18.1	17.8	14.2	10.7	7.8	5.6
	Maximum	5.2	3.3	7.3	11.1	14.7	17.6	20.7	20.8	18.9	13.4	10.5	7.2
	Minimum	0.0	2.4	2.5	5.3	9.9	13.0	15.3	15.1	10.8	3.1	0.0	0.0
Bodentemperatur 35 cm (°C)	Monatssumme	4.2	3.2	4.5	7.9	11.8	14.5	17.1	17.1	14.3	10.9	8.0	6.0
	Maximum	5.2	3.6	6.9	10.2	13.4	15.8	18.6	20.4	18.2	12.8	10.5	7.0
	Minimum	0.0	2.8	2.8	5.7	9.7	12.6	15.3	15.4	11.5	3.3	0.0	0.0
Lufttemperatur (°C)	Monatssumme	0.7	-0.7	5.7	9.4	13.5	17.6	21.3	19.0	12.5	8.7	7.1	2.6
	Maximum	13.3	8.2	18.0	24.5	28.6	31.9	36.2	36.5	24.3	18.0	16.7	10.2
	Minimum	-7.9	-9.8	-3.7	-2.6	3.7	6.8	8.3	7.7	3.6	0.2	-4.5	-3.3

() = Datengrundlage unvollständig*



*10. Juli - 14. Oktober 2015: Aufgrund extremer Trockenheit konnte die Saugspannung nicht gemessen werden.

Temperaturen Etziken (Wald) 2015



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken Wald

Saure Braunerde; pseudogleyig

Koordinaten 615337 / 227471, 465 müM

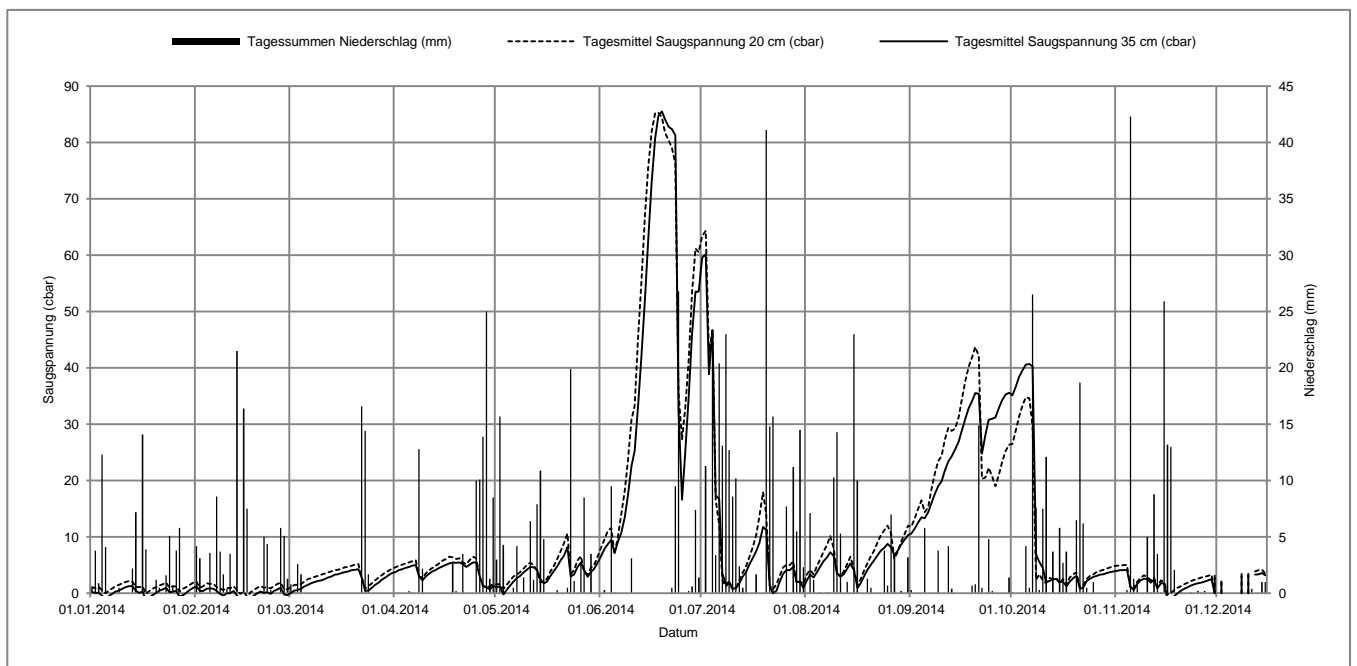
mittelschwerer Boden

2014 Tag	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	0.2	0.5	0.2	4.2	0.1	0.8	3.8	0.0	1.1	3.0	6.6	0.0	59.6	0.0	2.3	0.0	10.6	0.3	35.1	0.1	4.0	0.0	-	0.1
2	0.1	3.8	0.1	3.1	0.5	0.1	4.1	0.0	1.2	15.7	7.9	0.0	60.1	11.3	3.3	7.1	11.5	0.0	36.7	0.0	4.1	0.0	2.1	-
3	0.1	0.9	0.1	0.0	0.6	2.6	4.3	0.0	-0.2	4.3	8.7	0.0	38.9	0.0	2.8	1.2	12.5	0.0	38.4	0.0	4.1	0.0	-	-
4	-0.4	12.3	-0.4	0.0	0.8	1.7	4.5	0.0	0.6	0.0	9.5	9.5	46.6	21.3	3.7	0.0	13.5	0.0	39.6	0.0	4.2	0.3	-	-
5	-1.1	4.1	-1.1	3.6	1.2	0.0	4.7	0.2	1.4	0.0	7.2	0.1	17.4	3.4	4.8	0.1	13.3	5.8	40.6	4.2	1.1	42.3	-	-
6	-0.5	0.0	-0.5	0.0	1.5	0.0	4.9	0.1	2.1	0.5	9.2	0.0	16.7	20.4	5.7	0.0	14.4	0.0	40.7	0.5	0.6	1.3	-	-
7	-0.1	0.0	-0.1	8.6	1.8	0.0	5.0	0.0	2.7	4.2	10.7	0.0	3.5	13.1	6.4	0.1	16.0	0.0	40.3	26.5	1.7	0.9	-	-
8	0.3	0.0	0.3	3.7	2.0	0.0	3.1	12.8	3.1	0.1	13.5	0.0	1.6	23.0	7.3	0.1	17.7	0.0	6.9	7.6	2.3	0.0	3.1	0.1
9	0.5	0.5	0.5	1.7	2.2	0.0	2.3	2.2	3.7	1.4	17.4	0.0	2.1	12.7	6.6	10.3	19.0	3.8	5.6	0.3	2.6	0.0	3.3	0.0
10	0.8	0.0	0.8	0.4	2.3	0.0	3.0	0.0	4.2	0.0	22.6	3.1	0.9	8.6	3.5	14.3	19.9	0.0	4.5	7.5	2.6	5.0	3.4	0.0
11	1.1	0.0	1.1	3.5	2.5	0.0	3.5	0.0	4.7	6.4	25.3	0.0	0.9	10.2	3.0	5.3	21.8	0.0	2.0	12.1	1.9	0.1	3.3	0.4
12	1.3	0.0	1.3	0.0	2.8	0.0	3.9	0.0	4.6	1.2	33.6	0.0	1.8	2.4	3.4	0.0	23.4	4.2	2.2	0.0	2.4	8.8	3.3	0.0
13	1.3	2.2	1.3	21.5	3.0	0.0	4.2	0.0	4.2	7.9	42.0	0.0	2.9	0.5	4.4	1.0	24.3	0.4	2.5	3.7	0.9	3.5	3.4	0.0
14	0.5	7.2	0.5	0.0	3.3	0.0	4.5	0.0	2.5	10.9	52.1	0.0	3.8	2.0	5.3	0.0	25.5	0.0	2.5	0.0	1.8	0.1	3.6	1.0
15	0.1	0.0	0.1	16.4	3.4	0.0	4.8	0.0	1.8	4.8	62.4	0.0	5.1	0.0	4.1	23.0	26.9	0.0	2.0	5.8	1.8	25.9	3.2	1.0
16	0.3	14.1	0.3	7.5	3.6	0.0	5.1	0.0	2.1	0.0	72.9	0.0	6.3	0.0	1.0	10.0	28.9	0.0	2.1	2.7	-1.2	13.2	3.1	0.5
17	-1.3	3.9	-1.3	0.0	3.8	0.0	5.3	0.0	3.1	0.0	80.7	0.0	7.5	1.7	1.8	0.0	31.0	0.0	1.3	3.7	-0.9	13.0	2.4	18.3
18	-0.7	0.0	-0.7	0.0	3.9	0.0	5.5	2.7	4.0	0.0	84.7	0.0	9.0	0.0	3.1	0.0	32.8	0.0	2.1	0.0	-0.5	2.1	0.5	4.6
19	-0.3	0.0	-0.3	0.1	4.1	0.0	5.4	0.2	4.8	0.3	85.5	0.0	11.8	0.0	4.2	1.3	34.1	0.7	2.7	0.0	0.0	0.1	1.0	4.1
20	0.1	1.2	0.1	0.2	4.2	0.0	5.5	0.0	5.9	0.0	84.1	0.0	11.2	41.1	5.1	0.5	35.5	0.8	3.1	6.5	0.5	0.1	0.7	1.7
21	0.5	0.5	0.5	5.0	4.3	0.0	5.2	3.5	6.7	0.0	82.8	0.0	1.3	14.8	5.9	0.0	35.4	14.9	0.8	18.7	0.8	0.0	1.3	0.0
22	0.7	0.0	0.7	4.4	2.8	16.6	4.7	0.0	8.2	0.5	82.4	0.5	0.0	15.7	6.8	0.0	24.8	0.5	1.0	6.2	1.1	0.0	1.7	0.0
23	1.0	1.6	1.0	0.3	0.5	14.4	5.1	0.0	3.0	19.9	81.3	9.5	0.5	0.1	7.6	0.0	28.2	0.0	2.2	0.5	1.4	0.1	2.1	0.0
24	0.2	5.1	0.2	0.0	0.5	1.7	5.5	0.0	3.4	1.1	32.5	26.8	2.1	0.0	8.1	3.8	30.8	4.8	2.6	0.0	1.6	0.0	2.4	0.1
25	0.3	0.6	0.3	0.0	1.0	0.0	5.5	10.0	4.6	0.0	16.6	0.0	3.5	0.0	8.8	0.7	31.0	0.2	2.9	1.0	1.8	0.2	2.6	0.4
26	0.4	3.8	0.4	5.8	1.5	0.0	3.0	10.1	5.5	2.6	25.0	0.0	4.1	7.7	8.2	7.0	31.2	0.0	3.1	0.0	1.9	0.1	2.8	1.1
27	-0.6	5.8	-0.6	5.1	1.9	0.0	1.4	13.9	4.1	8.5	35.1	0.2	4.1	0.0	6.8	3.6	32.9	0.0	3.3	0.0	2.1	0.2	2.3	0.5
28	-0.3	0.0	-0.3	1.3	2.4	0.0	1.1	25.0	2.9	0.0	45.8	0.6	4.7	11.2	7.6	0.0	34.3	0.0	3.4	0.0	2.3	0.0	1.4	0.3
29	0.1	0.0	0.1	2.8	0.0	0.7	1.3	3.8	3.5	53.5	7.4	2.0	5.5	8.6	0.2	35.3	0.0	3.6	0.0	2.5	0.0	1.8	0.0	
30	0.6	0.0	0.6	3.2	0.0	1.3	8.5	4.4	0.0	0.0	53.5	1.4	2.0	14.5	9.5	0.0	35.6	1.4	3.8	0.0	2.7	0.0	1.9	0.0
31	1.0	0.0	1.0	3.6	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	1.0	2.3	10.3	3.2	0.0	3.9	0.0	0.0	0.0	2.0	0.0	0.0

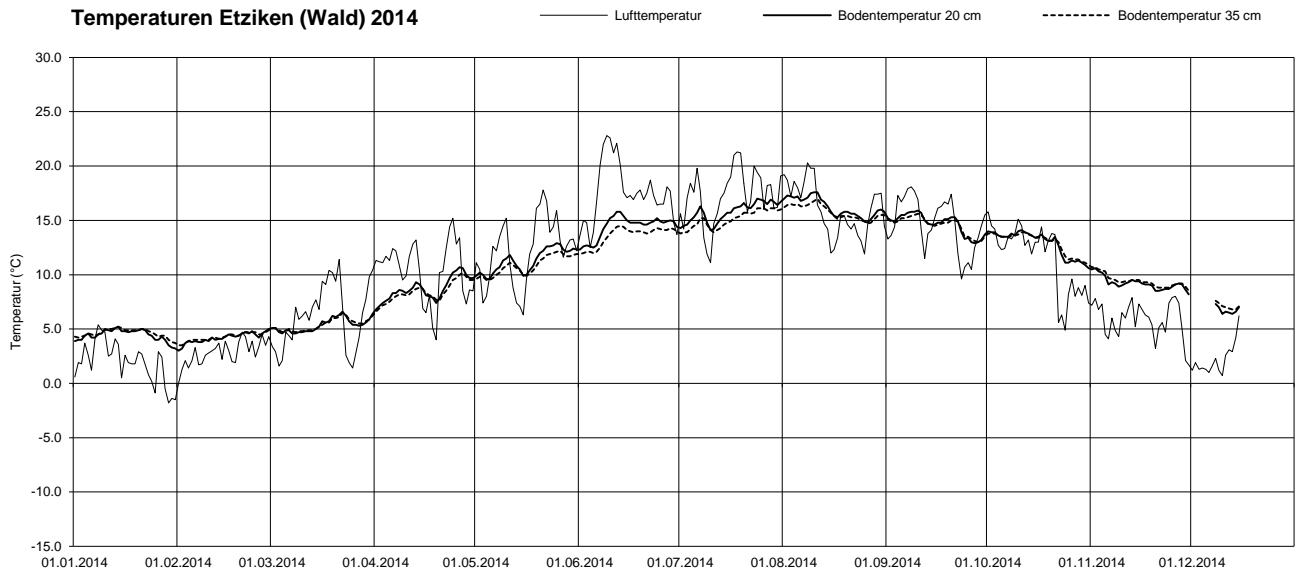
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm); 01.12.15 – 07.12.15 sporadische Ausfälle

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	68.1	96.4	37.9	90.5	96.8	59.4	243.5	92.8	37.8	107.6	117.3	(34.1)
Saugspannung 20 cm (cbar)	Monatssumme	1.2	1.0	3.2	4.7	4.3	46.2	11.8	6.7	25.3	9.3	2.4	(2.7)
	Maximum	2.3	2.2	5.5	7.4	11.5	85.7	69.1	13.1	46.1	36.3	5.1	(4.3)
	Minimum	-0.4	-1.1	0.1	0.3	0.3	4.6	0.2	0.4	11.0	0.2	-0.7	(-0.1)
Saugspannung 35 cm (cbar)	Monatssumme	0.2	0.1	2.3	4.0	3.5	41.5	10.8	5.5	25.0	10.9	1.7	(2.2)
	Maximum	1.4	1.3	4.8	6.1	9.0	86.2	65.7	10.6	36.9	41.8	4.3	(3.6)
	Minimum	-1.5	-2.2	-0.2	0.0	-0.4	6.0	-0.4	0.3	10.2	0.3	-1.8	(0.2)
Bodentemperatur 20 cm (°C)	Monatssumme	4.4	4.2	5.4	8.7	11.3	14.4	15.8	16.2	14.7	12.9	9.2	(6.1)
	Maximum	5.3	5.3	6.9	11.4	13.4	16.5	17.9	18.1	16.4	14.3	10.7	(7.9)
	Minimum	3.1	2.9	4.4	6.3	8.9	11.8	13.5	14.6	12.6	10.4	8.2	(4.5)
Bodentemperatur 35 cm (°C)	Monatssumme	4.6	4.3	5.4	8.4	10.8	13.6	15.1	15.8	14.6	12.9	9.5	(6.5)
	Maximum	5.3	5.1	6.6	10.5	12.4	14.7	16.4	17.1	15.8	14.0	10.8	(8.2)
	Minimum	3.6	3.4	4.6	6.4	9.2	11.7	13.5	14.6	12.9	10.8	8.5	(5.1)
Lufttemperatur (°C)	Monatssumme	1.9	2.8	6.1	10.4	12.2	17.5	17.3	16.0	14.7	11.6	6.0	(2.0)
	Maximum	10.0	10.5	20.5	22.7	27.4	34.4	32.5	27.2	26.2	20.4	11.7	(11.4)
	Minimum	-4.9	-3.5	-2.7	-0.5	0.4	5.8	7.5	6.4	4.0	2.0	0.3	(-12.5)

() = Datengrundlage unvollständig



Temperaturen Etziken (Wald) 2014



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken Wald

Saure Braunerde; pseudogleyig

Koordinaten 615337 / 227471, 465 müM

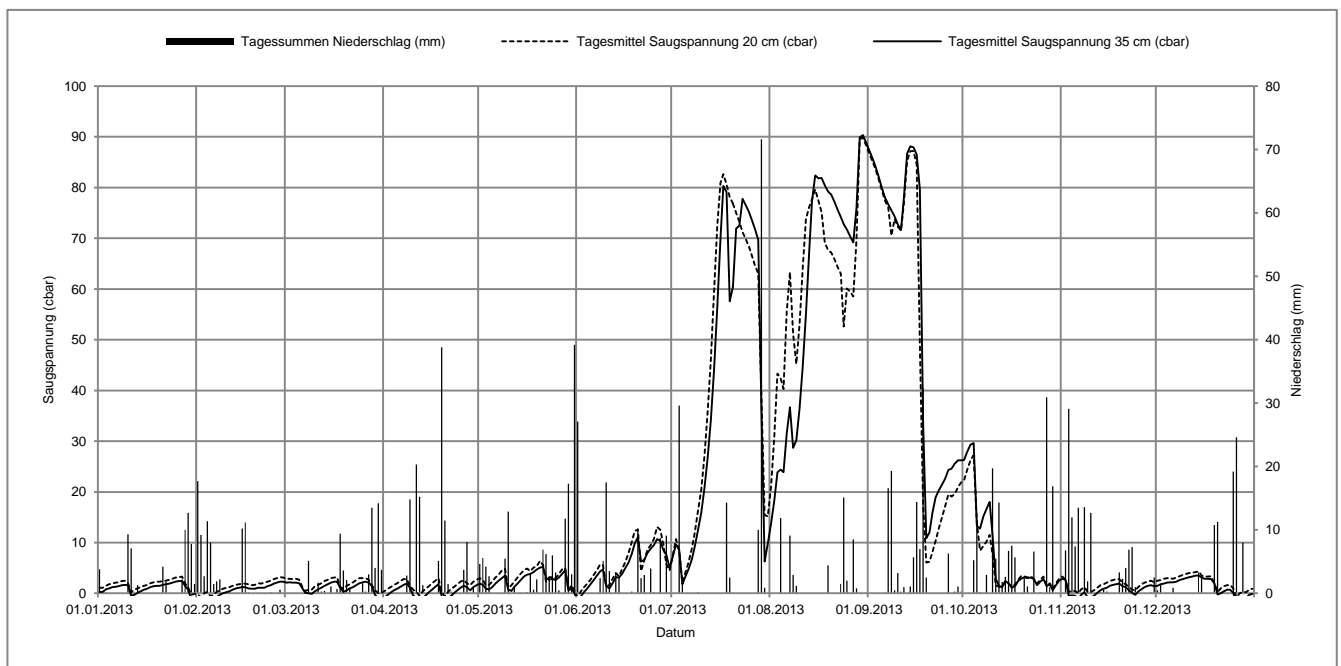
mittelschwerer Boden

2013 Tag	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	0.3	3.8	-1.2	17.7	2.1	0.0	-0.8	0.0	1.9	4.6	-1.8	27.1	7.2	0.0	13.7	0.0	87.3	0.0	26.3	0.0	2.9	0.0	1.5	0.5
2	0.3	0.2	-1.8	9.2	2.2	0.0	-0.3	0.0	1.7	5.6	-0.6	0.1	9.6	0.0	18.2	0.0	85.9	0.0	27.9	0.0	2.7	6.8	1.8	1.5
3	0.8	0.2	-1.1	2.7	2.1	0.0	0.2	0.0	0.9	4.2	0.3	0.0	8.6	29.6	23.9	0.0	84.2	0.0	29.3	0.0	-0.5	29.1	1.9	0.0
4	1.0	0.0	-0.7	11.4	2.1	0.0	0.6	0.0	0.8	2.7	1.0	0.0	1.8	1.5	24.4	11.9	82.2	0.0	29.6	5.2	-0.4	12.0	2.1	0.1
5	1.2	0.0	-1.6	8.0	2.0	0.0	0.9	0.0	1.2	0.0	1.8	0.0	3.4	0.0	23.9	0.0	80.0	0.0	13.3	11.6	-0.5	7.4	2.2	0.1
6	1.3	0.0	-1.3	1.5	1.0	0.0	1.3	0.0	1.9	0.0	2.6	0.0	4.9	0.0	31.5	0.0	78.0	0.1	12.8	0.2	-1.1	13.5	2.2	0.9
7	1.4	0.0	-0.7	1.9	0.1	0.0	1.7	0.0	2.5	0.0	3.5	0.0	6.8	0.0	36.7	9.1	76.7	16.6	15.1	0.0	-0.3	0.0	2.3	0.0
8	1.6	0.0	-0.3	2.2	0.0	5.1	1.9	2.8	3.0	0.0	4.3	2.4	9.3	0.0	28.7	2.9	75.5	19.3	16.6	2.9	0.2	13.6	2.6	0.0
9	1.7	0.0	0.0	0.2	-0.1	0.0	1.1	14.8	3.5	5.5	4.7	5.1	12.5	0.2	30.2	1.2	74.3	0.5	18.0	0.0	-0.8	1.9	2.8	0.0
10	1.6	9.3	0.2	0.0	0.4	0.1	-0.4	0.3	0.7	12.9	1.4	17.5	15.9	0.0	36.4	0.0	72.7	3.2	11.3	19.7	-0.8	12.7	3.0	0.0
11	-0.5	7.1	0.4	0.4	0.8	1.7	-0.9	20.3	0.5	0.0	1.0	3.5	20.7	0.0	44.7	0.0	71.6	0.3	2.9	5.5	-0.5	0.1	3.2	0.0
12	-0.3	0.0	0.7	0.0	1.1	0.3	-1.8	15.2	1.3	0.9	2.0	0.0	26.7	0.0	55.0	0.0	77.9	1.0	1.5	14.3	0.1	0.0	3.3	0.0
13	0.1	1.3	1.0	0.1	1.5	0.4	-0.9	1.3	1.9	0.0	3.2	3.2	34.2	0.0	67.2	0.0	86.7	0.0	1.2	1.8	0.6	0.2	3.5	0.0
14	0.4	0.0	1.1	0.0	1.8	0.0	-0.4	0.0	2.6	0.1	3.1	2.6	44.1	0.0	77.3	0.0	88.1	1.1	2.4	2.6	0.9	0.6	3.5	3.3
15	0.7	0.0	1.2	10.2	2.1	1.1	0.2	0.0	3.3	0.0	3.9	0.0	56.3	0.0	82.4	0.0	87.9	5.7	2.0	6.7	1.1	0.3	3.1	2.8
16	0.9	0.0	1.2	11.2	2.3	0.0	0.7	0.0	3.7	0.2	5.0	0.0	69.9	0.0	81.8	0.0	86.5	14.4	1.1	7.5	1.5	0.0	2.9	0.0
17	1.2	0.0	1.0	0.2	2.3	0.7	1.3	0.0	3.8	3.2	6.1	0.0	80.3	0.0	81.9	0.0	79.6	7.0	1.4	5.7	1.7	0.0	2.9	0.0
18	1.4	0.0	0.9	0.0	1.1	9.4	1.8	5.1	4.2	0.6	7.8	0.3	79.1	14.3	80.4	0.0	33.9	32.4	2.4	0.0	1.8	0.0	2.8	0.0
19	1.5	0.0	0.9	0.0	0.3	3.6	-0.5	38.8	4.7	2.2	9.8	0.0	57.6	2.5	79.2	4.4	10.9	2.5	2.9	0.0	1.9	3.3	2.0	10.8
20	1.5	0.1	1.1	0.0	0.6	2.1	-1.9	11.5	5.1	0.0	11.1	10.2	60.4	0.1	78.6	0.0	12.0	0.0	3.2	2.4	1.4	2.3	-0.2	11.3
21	1.7	4.2	1.1	0.0	1.0	0.8	-1.0	1.5	5.2	6.9	6.3	2.4	71.9	0.0	77.2	0.0	15.8	0.0	3.0	1.1	1.2	4.0	0.0	0.0
22	1.8	1.8	1.1	0.0	1.2	0.0	-0.5	0.3	3.0	6.2	6.6	2.9	72.5	0.0	75.6	0.0	18.9	0.0	3.1	0.0	0.6	6.9	0.4	0.0
23	1.9	0.0	1.4	0.0	1.6	0.0	0.1	0.0	2.7	2.4	8.0	0.0	77.8	0.0	74.2	1.5	20.3	0.0	2.8	6.6	0.1	7.3	0.7	0.0
24	2.1	0.0	1.6	0.2	2.0	0.0	0.6	0.0	2.9	6.0	8.8	3.9	76.5	0.0	72.8	15.1	21.4	0.0	1.6	0.0	-0.3	1.0	0.7	0.1
25	2.3	0.0	1.9	0.0	2.2	1.6	1.1	0.0	2.6	3.3	9.5	0.2	75.2	0.0	71.7	2.0	22.6	0.0	2.3	0.2	0.4	0.2	0.1	19.2
26	2.4	0.0	2.1	0.1	2.3	0.3	1.5	3.7	3.1	0.5	10.7	0.0	73.6	0.0	70.4	0.0	24.3	6.3	2.8	0.0	0.8	0.0	-2.0	24.6
27	2.4	2.2	2.3	0.6	2.1	3.0	1.2	8.1	3.8	0.0	10.4	8.7	71.8	0.0	69.2	8.5	24.6	0.1	1.4	30.9	1.2	0.0	-1.1	0.0
28	1.4	10.0	2.3	0.0	1.4	13.5	0.6	0.1	4.6	11.8	8.6	0.0	69.7	10.0	76.0	0.8	25.6	0.3	1.8	1.0	1.5	0.0	-0.8	8.0
29	0.7	12.7			-0.3	4.0	1.2	1.0	0.6	17.3	7.6	9.1	36.1	71.6	89.9	0.1	26.2	1.1	0.6	16.9	1.6	0.2	-0.9	0.2
30	-1.2	7.8			-1.1	14.2	1.6	0.0	0.9	3.0	5.0	0.0	6.3	0.9	90.3	0.0	26.2	0.3	1.6	0.0	1.4	2.5	-0.3	0.1
31	-1.1	1.5			-1.2	3.7			0.0	39.2			9.9	0.0	88.9	0.1	2.5		0.0				-0.1	0.0

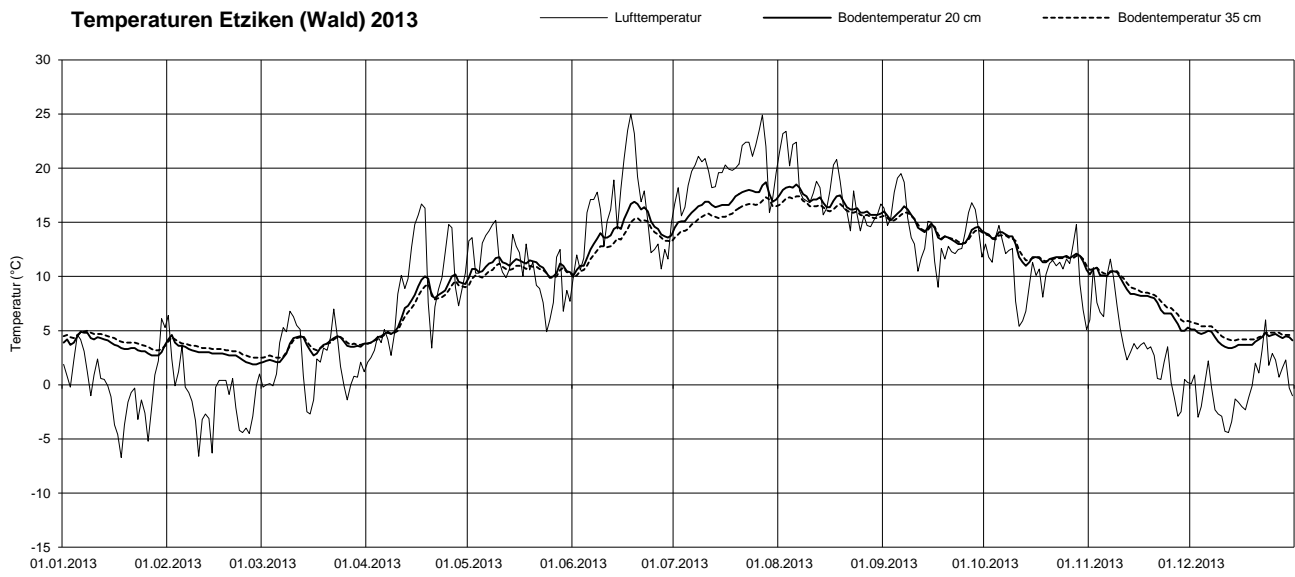
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm)

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	62.6	77.8	65.6	124.8	139.3	99.2	130.7	57.6	112.2	142.8	125.9	83.5
Saugspannung 20 cm (cbar)	Monatssumme	1.8	1.4	2.0	1.5	3.4	5.9	43.9	62.4	50.7	6.7	1.6	2.3
	Maximum	3.4	3.3	3.3	3.4	7.2	16.2	83.3	90.3	87.6	27.9	3.5	4.4
	Minimum	-0.7	-1.2	-0.4	-1.2	-1.1	-1.2	0.3	18.1	5.3	0.0	-0.5	-1.1
Saugspannung 35 cm (cbar)	Monatssumme	1.0	0.5	1.2	0.3	2.5	5.1	40.5	59.9	55.2	7.8	0.7	1.5
	Maximum	2.5	2.4	2.5	2.1	5.5	12.8	81.2	90.7	88.4	30.6	3.0	3.6
	Minimum	-1.7	-2.3	-1.7	-2.6	-2.1	-2.2	0.5	11.9	9.4	0.0	-1.6	-2.2
Bodentemperatur 20 cm (°C)	Monatssumme	3.7	2.9	3.4	7.3	11.0	14.1	16.8	16.9	14.5	12.3	8.3	4.3
	Maximum	5.1	4.7	4.8	10.6	12.1	17.5	19.6	19.3	17.1	14.3	11.1	5.3
	Minimum	2.6	1.9	2.1	3.5	9.4	9.9	13.7	14.9	12.7	10.4	4.9	3.4
Bodentemperatur 35 cm (°C)	Monatssumme	4.2	3.3	3.6	7.0	10.5	13.2	15.7	16.4	14.4	12.3	8.7	4.7
	Maximum	5.0	4.5	4.6	9.7	11.2	15.6	17.6	17.6	16.2	14.0	10.9	5.9
	Minimum	3.2	2.5	2.5	3.8	9.0	9.9	13.4	15.1	13.0	10.8	5.8	4.1
Lufttemperatur (°C)	Monatssumme	0.0	-1.2	2.1	8.7	10.9	15.8	19.9	18.4	14.1	10.6	3.9	-0.3
	Maximum	9.9	8.3	13.2	25.4	24.5	33.9	35.0	32.8	29.6	20.6	16.4	9.3
	Minimum	-9.9	-13.9	-7.6	-1.3	2.5	4.2	8.5	8.8	6.2	1.4	-5.6	-6.3

() = Datengrundlage unvollständig



Temperaturen Etziken (Wald) 2013



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Etziken Wald

Saure Braunerde; pseudogleyig

Koordinaten 615337 / 227471, 465 mÜM

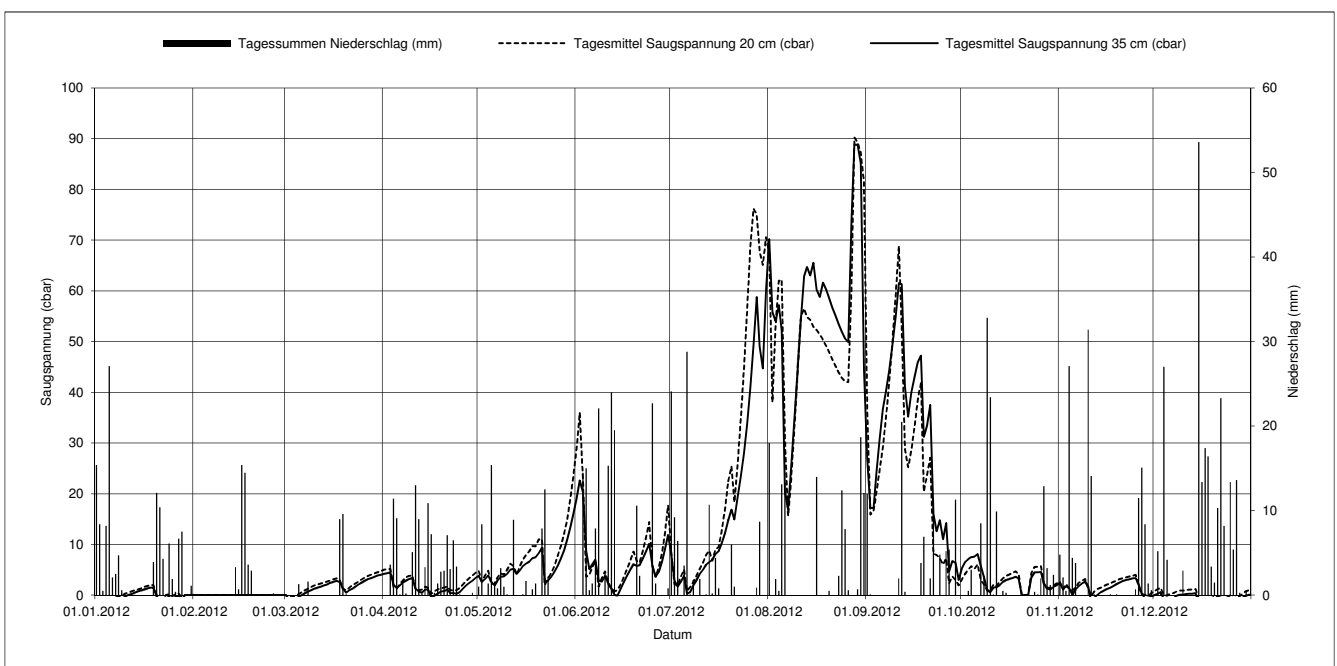
mittelschwerer Boden

2012 Tag	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	-2.1	15.4	-	0.0	-	0.0	4.2	0.0	3.8	1.0	19.0	0.0	8.0	24.1	70.2	18.0	27.0	12.0	5.3	0.0	2.4	4.8	0.0	0.0
2	-2.0	8.4	-	0.0	-0.9	0.0	4.3	0.0	2.6	8.4	22.6	0.0	2.9	9.2	55.8	0.0	17.2	0.1	6.5	0.0	1.1	2.1	0.3	5.2
3	-1.4	0.5	-	0.0	-0.9	0.0	4.5	3.6	3.2	0.0	20.3	14.5	1.7	6.4	54.0	1.9	17.2	0.0	7.1	0.5	1.8	0.5	0.6	0.3
4	-1.6	8.2	-	0.0	-0.7	0.0	2.1	11.4	3.9	1.4	8.8	15.0	2.6	0.0	57.2	0.5	24.2	0.0	7.5	3.0	1.4	27.1	-0.8	27.0
5	-1.9	27.1	-	0.0	-0.3	1.3	1.4	9.1	2.6	15.4	5.1	0.6	3.8	3.5	52.1	13.1	30.8	0.0	7.6	0.0	0.1	4.4	-1.0	4.2
6	-1.6	2.1	-	0.0	-	0.0	1.9	0.1	1.9	1.6	6.0	1.4	0.3	28.8	20.5	13.3	36.7	0.0	8.1	0.0	1.1	3.8	-0.7	0.0
7	-1.0	2.5	-	0.0	0.4	0.0	2.5	1.6	2.9	0.8	7.0	7.9	0.6	0.1	16.9	0.0	40.3	0.0	5.8	8.5	1.8	0.0	-0.6	0.0
8	-0.9	4.7	-	0.0	0.7	1.6	2.9	0.2	3.6	3.2	2.9	22.1	1.9	1.8	25.7	0.0	44.4	0.0	3.5	2.3	2.3	0.0	-0.1	0.0
9	-0.7	0.6	-	0.0	1.0	0.0	3.2	0.0	3.7	1.0	2.7	0.0	3.0	0.0	35.1	0.0	49.4	0.0	1.0	32.8	2.7	0.0	0.1	0.0
10	-0.3	0.1	-	0.0	1.3	0.0	3.4	5.1	4.2	0.1	3.8	2.5	4.2	1.9	44.8	0.0	54.8	0.0	0.6	23.4	1.6	31.4	0.1	2.9
11	0.0	0.0	-	0.0	1.5	0.0	1.3	13.0	5.0	0.0	2.3	15.3	5.0	0.0	54.4	0.0	61.5	2.0	1.5	0.1	-1.3	14.1	0.2	0.1
12	0.2	0.0	-	0.0	1.7	0.0	0.7	9.0	5.2	8.9	1.3	24.0	6.0	0.1	62.9	0.0	61.3	20.5	1.6	9.9	-0.5	0.1	0.3	0.0
13	0.5	0.0	-	0.0	1.9	0.0	0.5	0.2	4.2	0.0	0.0	19.5	6.5	10.7	64.7	0.0	41.1	0.4	2.0	0.0	0.1	0.0	0.3	0.0
14	0.7	0.0	-	3.3	2.1	0.0	1.1	3.3	4.9	0.0	-0.1	0.1	7.0	0.2	63.0	0.0	35.2	0.0	2.6	0.5	0.6	0.0	0.4	0.2
15	0.9	0.0	-	0.7	2.4	0.0	1.1	10.9	5.7	0.1	1.3	0.0	8.1	4.4	65.5	0.0	40.0	0.0	3.0	0.3	0.9	0.0	-1.5	53.6
16	1.1	0.0	-	15.4	2.6	0.0	-0.4	7.2	6.2	1.7	2.6	0.0	8.7	0.8	60.2	14.0	43.0	0.0	3.2	0.0	1.2	0.0	-2.0	13.4
17	1.3	0.0	-	14.5	2.8	0.0	-0.1	0.3	6.6	0.0	3.9	0.0	10.3	0.0	58.8	0.0	45.9	0.0	3.4	0.0	1.5	0.1	-2.1	17.4
18	1.5	0.0	-	3.6	2.6	9.0	0.3	1.4	7.3	0.7	5.0	0.0	12.3	0.0	61.6	0.0	47.2	3.8	3.6	0.0	1.8	0.0	-2.2	16.4
19	1.5	3.9	-	2.9	1.3	9.6	0.7	2.8	7.5	1.4	6.1	0.0	14.8	0.0	60.2	0.0	31.2	6.9	3.3	0.0	2.2	0.1	-1.6	3.4
20	-0.2	12.1	-	0.0	0.5	0.1	0.8	2.9	8.3	0.0	5.8	10.6	16.9	6.0	58.6	0.5	33.4	0.0	-	-	2.5	0.0	-1.2	1.5
21	-1.3	10.4	-	0.0	1.0	0.0	1.1	7.1	9.3	7.9	5.9	2.3	14.9	1.0	56.7	0.0	37.5	2.0	-	-	2.8	0.0	-1.3	10.3
22	-1.2	4.3	-	0.0	1.3	0.0	0.4	3.1	2.4	12.5	7.2	0.0	19.2	0.0	55.1	0.0	16.0	11.3	-	-	3.0	0.0	-1.4	23.3
23	-0.6	0.0	-	0.0	1.7	0.0	0.4	6.5	2.9	2.2	8.6	0.0	23.3	0.0	53.4	2.3	12.6	0.0	-	-	3.1	0.0	-2.2	8.2
24	-0.3	6.1	-	0.0	2.1	0.0	0.3	3.4	3.6	0.0	10.1	0.0	27.9	0.0	51.9	12.4	14.8	4.8	4.5	0.4	3.3	0.0	-1.3	0.0
25	-0.8	1.9	-	0.0	2.5	0.0	0.6	0.1	4.6	0.0	5.8	22.7	33.7	0.0	50.6	7.8	11.0	0.0	4.5	0.1	3.4	0.7	-0.9	13.4
26	-0.3	0.4	-	0.2	2.9	0.0	1.3	0.0	5.8	0.0	3.6	1.4	40.9	0.0	49.9	0.6	14.2	5.2	4.6	2.0	2.2	11.5	-1.6	5.4
27	-0.2	6.7	-	0.0	3.2	0.0	1.9	0.0	7.2	0.0	4.6	0.0	49.4	0.0	73.9	0.0	4.7	5.4	2.3	12.9	0.2	15.1	-1.3	13.6
28	-0.9	7.5	-	0.0	3.4	0.0	2.4	0.0	8.8	0.0	6.6	0.0	58.8	0.9	88.8	0.0	6.7	0.0	1.3	3.2	-0.6	8.4	-1.1	0.3
29	-	0.0	-	0.0	3.6	0.0	2.9	0.3	11.0	0.0	9.0	0.0	49.0	8.7	88.8	0.7	6.4	11.3	1.1	1.2	-0.5	1.4	-0.5	0.0
30	-	0.1	-	0.0	3.9	0.0	3.4	0.0	13.2	0.0	11.9	0.8	44.7	0.0	85.1	18.7	3.0	0.0	1.6	2.4	-0.3	0.6	-0.1	0.4
31	-	1.1	-	0.0	4.0	0.0	-	-	16.0	0.0	-	-	60.1	0.0	44.6	12.1	-	-	2.0	-	-	-	0.1	0.0

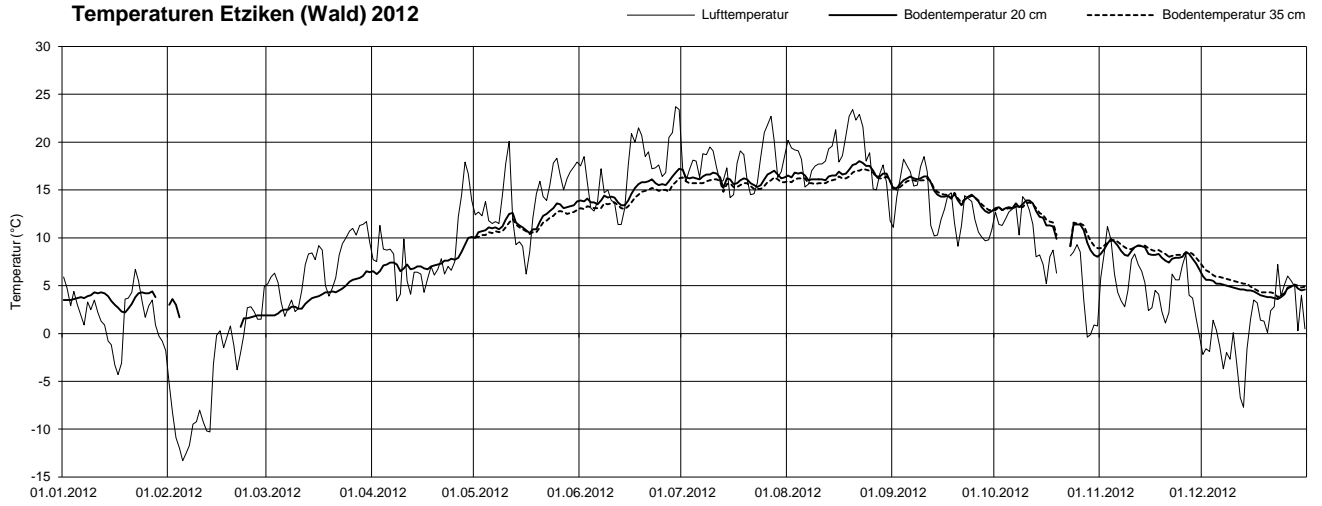
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm); 29.01.12 bis 01.03.12 Tensiometer ausser Betrieb wegen Frostgefahr; 20.10.12 bis 23.10.12 Station ausser Betrieb

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	124.1	40.6	21.6	102.6	68.3	160.7	108.6	115.9	85.7	(103.5)	126.2	220.5
Saugspannung 20 cm (cbar)	Monatssumme	(0.1)	-	(2.2)	2.3	7.3	8.3	24.7	52.5	25.5	(3.5)	1.9	0.1
	Maximum	(2.1)	-	(4.9)	5.4	27.3	43.6	76.9	90.6	69.6	(6.8)	4.0	1.5
	Minimum	(-1.9)	-	(-0.7)	0.1	0.5	-0.2	0.1	13.0	0.2	(0.1)	-0.6	-2.0
Saugspannung 35 cm (cbar)	Monatssumme	(-0.4)	-	(1.7)	1.7	5.7	6.7	17.6	56.2	30.3	(3.7)	1.4	-0.7
	Maximum	(1.6)	-	(4.4)	4.7	17.7	25.9	67.1	90.0	64.1	(8.8)	3.5	0.7
	Minimum	(-2.5)	-	(-1.1)	-0.7	1.0	-1.3	-0.9	10.9	1.2	(0.2)	-1.8	-2.9
Bodentemperatur 20 cm (°C)	Monatssumme	3.7	2.0	3.9	7.4	11.9	14.9	16.2	16.7	14.7	(11.8)	8.4	4.6
	Maximum	4.5	6.0	6.9	10.4	14.3	17.8	17.6	18.6	17.2	(14.1)	10.3	6.5
	Minimum	2.2	0.8	1.9	5.8	10.0	12.8	14.8	15.4	12.3	(7.9)	6.5	3.3
Bodentemperatur 35 cm (°C)	Monatssumme	-	-	-	-	11.4	14.1	15.7	16.2	14.7	(12.0)	8.7	5.1
	Maximum	-	-	-	-	13.2	16.4	16.5	18.5	16.5	(13.7)	10.0	7.4
	Minimum	-	-	-	-	10.0	12.7	14.8	15.5	12.8	(8.8)	7.4	3.7
Lufttemperatur (°C)	Monatssumme	1.9	-4.3	7.0	8.2	13.8	17.1	17.6	18.5	13.4	(8.6)	5.1	0.7
	Maximum	9.2	13.4	20.5	30.6	29.9	31.5	33.1	34.2	27.8	(19.9)	15.6	10.2
	Minimum	-8.2	-17.4	-3.8	-2.2	-0.2	6.6	8.4	8.7	3.9	(-1.9)	-1.9	-13.2

Bodentemperatur 35 cm ab Mai gemessen; () = Datengrundlage unvollständig



Temperaturen Etziken (Wald) 2012



Darstellung der Tagesmittelwerte; Lücken = keine Daten; Schnee Anfangs Februar (ca. 5 cm, Matzendorf ca. 15 cm) hat isolierende Wirkung