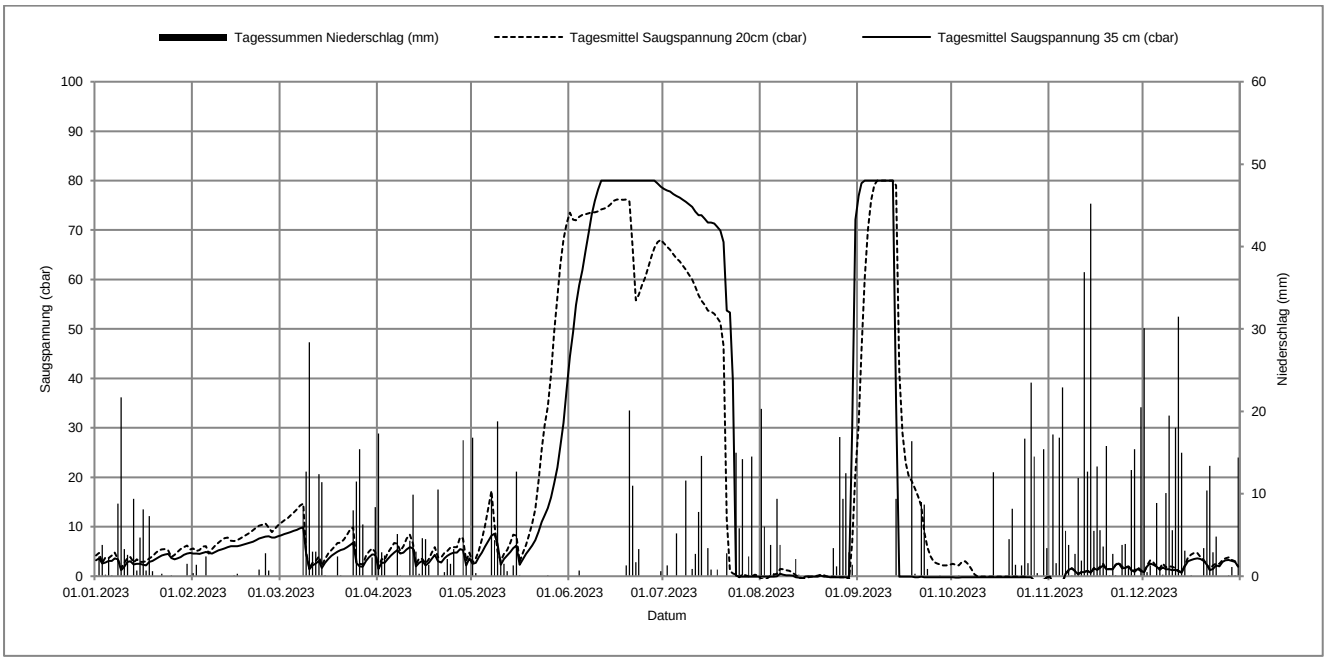
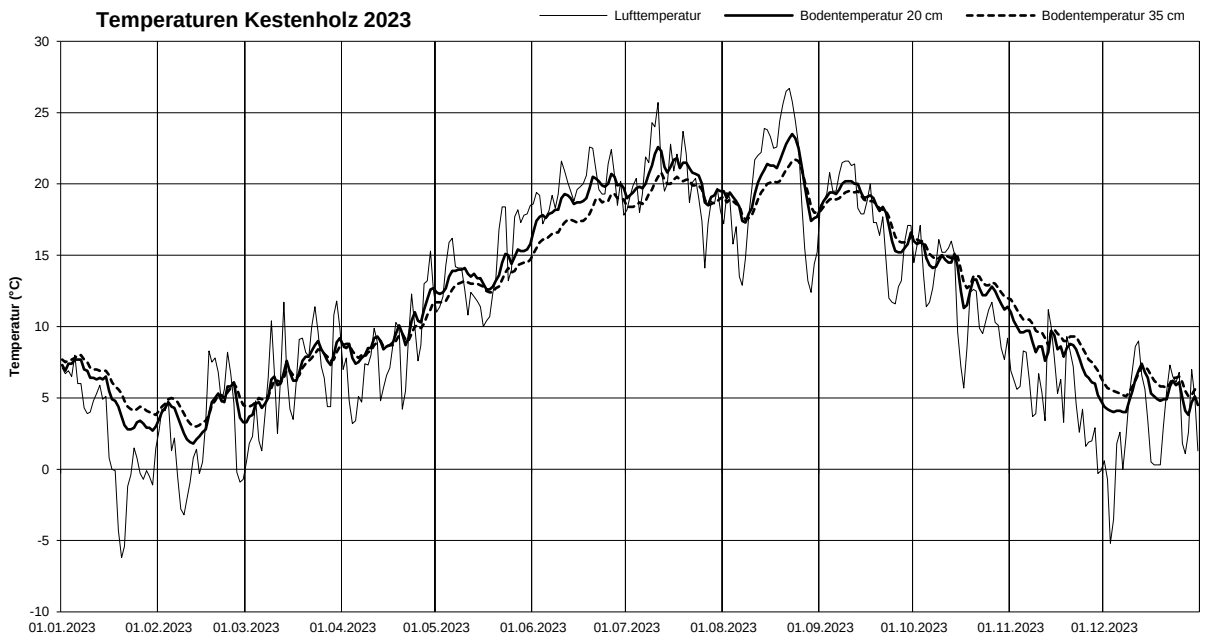
Bodenmesswerte	**Kestenholz**	**Wiese**	Fluvisol
	Koordinaten 622778 / 236504, 450 müM		schwerer Boden

2023	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	3.2	0.1	4.6	0.4	8.3	0.0	1.5	17.3	2.5	16.8	44.4	0.0	78.3	0.1	-0.1	20.3	76.9	0.0	-0.2	0.0	-0.1	0.0	0.8	30.1
2	3.6	2.4	4.6	1.4	8.5	0.0	2.8	2.9	2.7	0.4	49.4	0.0	78.0	1.3	-0.1	6.0	79.5	0.0	-0.3	0.0	-1.5	17.2	2.0	0.5
3	2.6	3.8	4.5	0.0	8.7	0.0	2.7	2.5	3.8	0.0	54.8	0.0	77.8	0.0	-0.1	0.0	80.0	0.0	-0.3	0.1	-1.4	1.6	2.6	1.3
4	2.8	0.2	4.7	0.0	8.9	0.0	3.5	0.0	4.8	0.0	58.8	0.7	77.3	0.0	-0.1	3.8	80.0	0.0	-0.2	0.0	-1.4	16.8	2.3	0.0
5	3.1	2.2	4.9	2.4	9.2	0.0	4.2	0.0	6.0	0.0	61.9	0.0	76.9	5.2	-0.1	0.4	80.0	0.0	-0.2	0.0	-1.2	22.9	1.9	8.9
6	3.1	0.1	4.7	0.0	9.4	0.0	4.8	0.0	7.1	0.0	65.8	0.0	76.6	0.0	0.0	9.4	80.0	0.0	-0.2	0.0	0.6	5.5	1.3	0.9
7	3.6	0.0	4.6	0.0	9.7	0.0	5.3	5.1	8.2	9.6	69.6	0.0	76.1	0.0	0.5	3.8	80.0	0.0	-0.2	0.0	1.3	3.8	1.8	0.2
8	3.4	8.8	4.9	0.0	9.9	8.0	4.6	0.1	8.6	4.4	73.1	0.0	75.7	11.6	0.3	0.0	80.0	0.0	-0.2	0.0	1.6	0.1	1.4	10.1
9	1.2	21.7	5.2	0.0	4.6	12.7	4.8	0.0	6.5	18.8	75.9	0.0	75.2	0.0	0.2	0.0	80.0	0.0	-0.2	0.0	1.0	2.7	1.4	19.5
10	1.9	3.3	5.4	0.0	1.4	28.4	5.4	0.0	2.3	1.6	78.2	0.0	74.7	0.9	0.2	0.0	80.0	0.0	-0.2	0.0	0.4	11.9	1.2	5.6
11	2.9	2.6	5.6	0.0	2.2	3.0	5.9	4.3	3.5	1.5	80.0	0.0	73.7	2.7	0.1	0.0	80.0	0.0	-0.2	0.0	0.8	1.9	1.3	18.0
12	3.0	0.0	5.9	0.0	2.6	3.0	5.6	9.9	4.2	0.6	80.0	0.0	73.0	7.8	-0.2	2.1	80.0	0.0	-0.2	0.0	0.8	36.9	1.0	31.5
13	2.4	9.4	6.1	0.0	3.1	12.4	2.0	3.0	4.9	0.0	80.0	0.0	73.0	14.6	-0.3	0.2	35.1	9.4	-0.2	0.0	1.1	12.7	0.7	15.0
14	2.5	0.7	6.1	0.1	1.7	11.4	2.7	0.3	5.7	1.3	80.0	0.0	72.3	0.0	-0.5	0.0	-0.1	0.0	-0.2	12.6	0.7	45.2	2.0	3.1
15	2.5	4.7	6.1	0.3	2.7	0.1	3.1	4.6	6.2	12.7	80.0	0.0	71.5	3.4	-0.1	0.0	-0.1	0.0	-0.2	0.0	1.6	5.5	3.0	0.0
16	2.3	8.1	6.2	0.0	3.5	0.0	2.2	4.5	2.3	0.1	80.0	0.0	71.5	0.8	0.0	0.0	-0.1	0.0	-0.2	0.0	1.3	13.3	3.3	0.1
17	2.2	0.7	6.4	0.0	4.1	0.0	2.7	1.4	3.4	0.0	80.0	0.0	71.3	0.0	-0.1	0.0	-0.1	0.0	-0.2	0.0	1.7	5.6	3.5	0.0
18	2.9	7.3	6.6	0.0	4.6	0.0	3.5	0.0	4.5	0.0	80.0	0.0	70.7	0.8	-0.1	0.0	-0.1	16.4	-0.2	0.0	2.2	3.6	3.6	0.0
19	3.1	0.6	6.8	0.0	5.0	2.4	4.3	0.0	5.3	0.0	80.0	1.3	69.9	0.0	-0.1	0.0	-0.2	0.3	-0.2	4.5	1.4	15.8	3.5	0.0
20	3.5	0.0	7.0	0.0	5.3	0.1	3.0	10.5	6.2	0.0	80.0	20.1	67.6	0.0	0.1	0.0	-0.2	0.0	-0.2	8.2	1.4	0.1	3.1	3.4
21	3.9	0.0	7.3	0.0	5.5	0.0	2.8	0.0	7.3	0.0	80.0	11.0	53.7	2.8	-0.1	0.0	-0.1	9.0	-0.2	1.4	1.4	2.7	2.3	10.4
22	4.2	0.3	7.6	0.8	5.9	0.0	3.6	0.5	9.0	0.0	80.0	1.7	53.3	0.0	-0.1	0.0	-0.2	8.7	-0.2	0.0	2.3	0.1	1.2	13.4
23	4.4	0.0	7.8	0.0	6.3	0.0	4.1	2.1	11.0	0.0	80.0	3.3	39.8	0.0	-0.2	0.0	-0.2	0.9	-0.2	1.3	2.6	0.0	1.5	2.9
24	4.5	0.0	8.0	2.8	6.8	8.0	4.5	1.5	12.3	0.0	80.0	0.0	0.1	15.0	-0.2	3.4	-0.2	0.0	-0.2	16.7	1.6	3.8	2.2	4.8
25	3.7	0.1	8.1	0.7	2.7	11.5	4.8	3.3	13.8	0.1	80.0	0.0	-0.1	5.8	-0.2	1.2	-0.2	0.0	-0.2	1.6	1.7	3.9	2.0	0.0
26	3.4	0.0	7.8	0.0	2.0	15.4	4.8	0.0	15.9	0.0	80.0	0.0	-0.1	14.2	-0.2	16.9	-0.2	0.0	-0.2	23.5	1.9	1.2	2.9	0.0
27	3.6	0.0	7.8	0.0	1.9	6.3	5.5	0.0	18.8	0.0	80.0	0.0	-0.1	0.0	-0.2	9.4	-0.2	0.1	-0.9	14.5	1.2	12.9	3.2	0.0
28	3.9	0.0	8.1	0.0	3.1	0.0	5.3	16.5	22.0	0.0	80.0	0.0	-0.1	2.4	-0.2	12.5	-0.2	0.0	-0.9	0.4	0.9	15.4	3.3	0.1
29	4.3	0.0			3.8	0.0	2.2	1.4	26.2	0.0	79.4	0.0	-0.1	14.5	-0.2	2.9	-0.2	0.0	-0.8	0.0	1.5	0.0	3.1	1.1
30	4.6	1.5			4.4	2.3	3.6	0.0	31.0	0.0	78.8	0.6	-0.1	0.0	30.3	1.4	-0.2	0.0	-0.7	15.4	1.0	20.5	2.9	0.1
31	4.7	0.1			4.4	8.4			37.9	0.0			-0.1	0.0	72.1	0.1			-0.2	3.4			1.9	14.4

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	78.7	8.9	134.7	90.4	67.9	38.7	103.9	93.8	44.8	103.6	283.6	195.4
Saugspannung 20 cm	Monatsmittel	4.1	7.8	7.0	5.0	20.0	70.4	38.3	1.0	37.7	0.3	1.0	2.6
(cbar)	Maximum	6.4	11.0	14.9	9.4	74.4	76.5	67.7	25.8	80.0	3.5	3.0	5.0
	Minimum	0.7	4.4	0.5	0.7	0.7	55.3	-0.6	-1.4	1.7	-2.3	-2.2	0.3
Saugspannung 35 cm	Monatsmittel	3.3	6.2	5.2	3.9	9.8	74.4	52.4	3.3	32.8	-0.3	1.0	2.2
(cbar)	Maximum	4.9	8.3	10.1	6.4	44.4	80.0	78.7	75.5	80.0	0.3	2.8	3.7
	Minimum	0.6	4.1	0.4	0.5	0.5	38.4	-0.1	-0.7	-0.4	-1.5	-2.1	0.3
Bodentemperatur 20 cm	Monatsmittel	5.2	3.9	6.6	9.4	13.9	19.0	20.5	20.1	18.3	13.5	8.3	5.1
(°C)	Maximum	8.0	6.5	9.4	13.4	17.2	22.2	24.3	24.8	21.5	16.7	11.4	7.5
	Minimum	2.6	1.8	3.3	6.7	11.6	15.2	17.5	16.4	14.3	10.6	4.7	3.5
Bodentemperatur 35 cm	Monatsmittel	6.0	4.4	6.6	9.1	13.1	17.6	19.5	19.4	18.2	14.1	9.3	5.9
(°C)	Maximum	8.0	6.0	8.7	11.7	15.0	19.5	21.1	22.0	19.7	16.6	12.1	7.3
	Minimum	3.8	3.0	4.3	7.6	11.5	14.8	18.2	17.2	15.7	12.0	6.2	5.0
Lufttemperatur	Monatsmittel	2.2	2.6	6.5	8.1	14.2	19.8	20.2	19.8	17.7	12.0	5.3	3.2
(°C)	Maximum	13.8	14.7	19.0	20.3	25.3	31.0	35.7	35.1	31.6	26.3	13.4	13.0
	Minimum	-10.9	-7.9	-4.3	-3.9	4.8	7.6	9.6	8.1	4.0	0.0	-2.7	-8.4





Darstellung der Tagesmittelwerte; Lücken = keine Daten

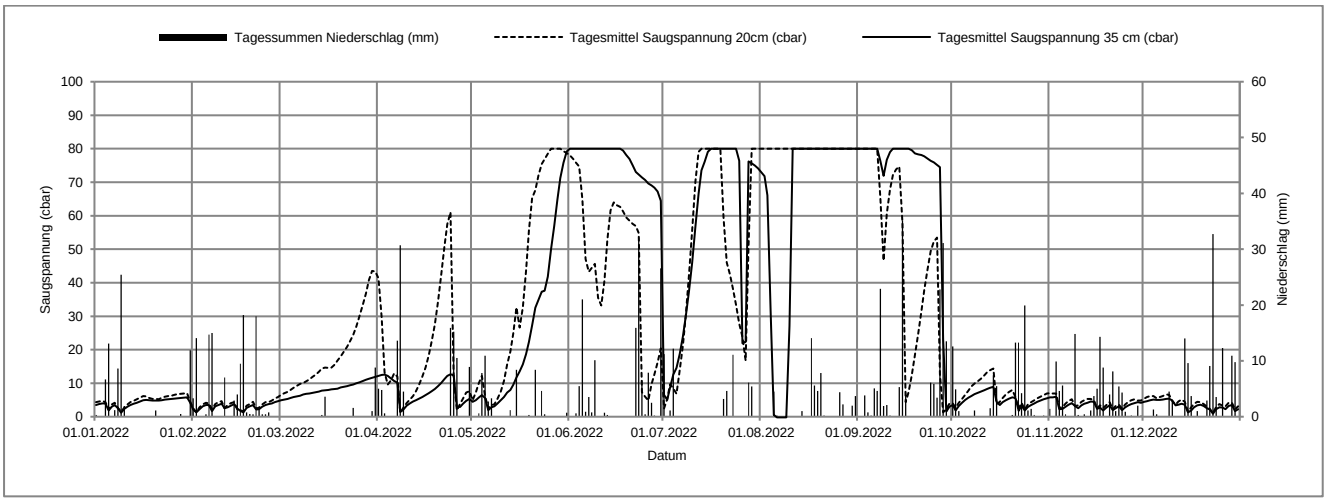
Bodenmesswerte **Kestenholz** **Wiese** Fluvisol

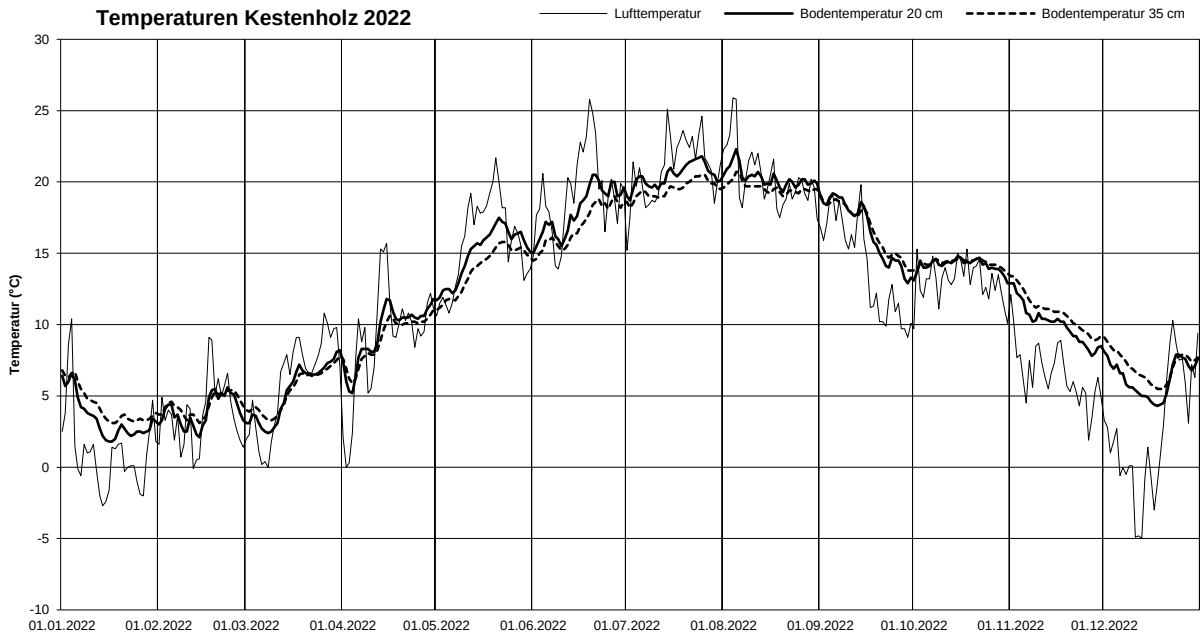
Koordinaten 622778 / 236504, 450 müM schwerer Boden

2022	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	3.5	0.3	2.1	3.3	4.9	0.0	12.2	5.0	4.4	0.0	80.0	0.0	6.5	11.2	73.0	0.0	80.0	0.0	3.5	12.6	5.8	1.4	4.4	0.0
2	3.8	0.1	1.3	14.1	5.1	0.0	12.5	4.8	4.9	0.0	80.0	0.1	5.0	0.0	71.8	0.0	80.0	0.0	1.9	4.9	5.8	0.0	4.6	0.0
3	4.0	0.0	2.2	0.1	5.3	0.0	12.6	0.6	5.7	0.6	80.0	0.6	8.7	1.1	66.1	0.0	80.0	3.8	3.2	1.0	6.0	9.9	4.9	0.0
4	4.0	6.7	3.1	0.0	5.6	0.0	12.2	0.0	6.4	7.8	80.0	5.5	12.6	12.2	31.8	0.0	80.0	0.8	4.2	0.0	2.2	4.6	5.1	1.3
5	1.9	13.1	3.5	0.4	5.9	0.0	11.4	0.0	5.6	10.9	80.0	21.0	14.6	0.0	0.5	4.5	80.0	0.2	5.0	0.1	2.3	5.6	5.0	0.4
6	3.0	0.0	3.5	14.7	6.1	0.0	10.7	0.0	2.0	2.7	80.0	0.9	18.7	0.0	-0.2	0.2	80.0	5.1	5.7	0.0	3.0	0.4	5.0	0.1
7	3.5	1.2	1.7	15.0	6.3	0.0	10.2	13.6	2.8	3.3	80.0	3.5	23.9	0.0	-0.2	0.0	80.0	4.6	6.2	0.0	3.6	0.1	5.1	0.0
8	2.5	8.6	3.1	0.0	6.6	0.0	1.4	30.7	3.1	0.1	80.0	0.8	30.0	0.0	-0.2	0.0	76.3	22.9	6.7	1.1	4.1	0.1	5.3	0.0
9	1.2	25.4	3.5	0.0	6.8	0.0	2.1	4.5	4.0	0.0	80.0	10.1	37.4	0.0	-0.2	0.0	71.9	1.9	7.1	0.0	3.2	14.8	5.4	4.5
10	2.3	1.9	3.9	0.1	6.9	0.0	3.3	0.0	4.9	0.0	80.0	0.0	46.0	0.0	27.1	0.0	76.7	2.1	7.5	0.0	2.5	0.3	4.8	2.7
11	3.0	0.0	2.5	7.0	7.1	0.0	4.0	0.0	5.9	0.0	80.0	0.0	56.6	0.0	80.0	0.0	79.0	0.2	7.9	0.0	3.4	0.0	3.4	0.0
12	3.5	0.0	2.8	0.0	7.3	0.0	4.5	0.0	7.2	0.0	80.0	0.7	66.6	0.0	80.0	0.0	80.0	0.0	8.3	0.0	3.9	0.4	3.6	0.0
13	3.9	0.0	3.3	0.0	7.5	0.0	4.9	0.0	8.0	1.2	80.0	0.3	73.5	0.0	80.0	0.0	80.0	0.0	8.6	1.5	4.2	0.1	3.9	0.0
14	4.2	0.0	3.8	2.9	7.8	0.3	5.4	0.0	9.5	0.0	80.0	0.0	76.1	0.0	80.0	1.0	80.0	5.3	8.9	7.4	4.5	1.1	3.6	14.0
15	4.5	0.0	2.4	4.0	7.9	3.6	5.9	0.0	11.7	8.4	80.0	0.0	79.1	0.0	80.0	0.0	80.0	35.2	4.4	5.5	4.4	3.7	1.3	9.6
16	4.9	0.0	1.8	9.5	8.0	0.1	6.4	0.0	13.5	0.1	80.0	0.0	80.0	0.0	80.0	0.0	80.0	4.3	3.5	0.0	2.3	5.0	1.9	3.7
17	5.0	0.1	1.3	18.2	8.2	0.0	7.0	0.0	15.6	0.0	80.0	0.0	80.0	0.0	80.0	14.1	80.0	0.0	4.3	0.1	2.7	14.3	2.8	0.0
18	4.9	0.0	2.6	0.8	8.3	0.0	7.6	0.0	18.7	0.0	79.5	0.0	80.0	0.0	80.0	5.6	79.6	0.0	4.9	0.0	1.9	8.8	3.4	1.0
19	4.8	0.0	3.1	0.5	8.4	0.0	8.3	0.0	22.3	0.3	78.1	0.0	80.0	0.0	80.0	4.6	78.6	0.0	5.4	0.1	2.7	0.1	3.6	0.1
20	4.8	1.1	3.5	0.4	8.7	0.0	9.1	0.0	27.3	0.0	77.0	0.0	80.0	3.2	80.0	7.8	78.3	0.0	5.8	0.3	3.4	4.0	3.2	0.0
21	4.8	0.0	2.1	18.0	8.9	0.0	10.1	0.0	32.5	8.4	75.1	0.0	80.0	4.6	80.0	0.2	78.1	0.0	5.6	13.3	2.0	8.1	2.5	2.9
22	4.9	0.0	2.2	1.3	9.1	0.0	11.2	0.0	34.9	0.0	73.1	15.9	80.0	0.0	80.0	0.0	77.7	0.0	1.8	13.3	2.5	1.0	2.1	9.1
23	5.1	0.0	3.0	0.4	9.4	0.0	12.2	0.0	37.3	4.6	72.3	32.1	80.0	11.1	80.0	0.0	77.1	0.0	3.3	4.2	3.1	5.4	0.9	32.7
24	5.2	0.0	3.5	0.4	9.6	1.6	12.7	15.9	37.6	0.4	71.4	6.5	80.0	0.0	80.0	0.0	76.4	6.1	1.9	19.9	2.0	4.3	2.2	3.5
25	5.3	0.0	3.8	0.8	10.0	0.0	12.4	15.2	41.8	0.0	70.7	0.4	76.4	0.0	80.0	0.0	75.9	5.9	2.9	1.1	2.8	0.9	2.8	0.1
26	5.4	0.0	4.0	0.0	10.3	0.0	2.9	10.5	49.9	0.0	69.6	7.9	21.9	0.0	80.0	4.4	75.2	3.4	3.5	1.4	3.4	0.1	2.7	12.3
27	5.5	0.0	4.3	0.0	10.7	0.0	2.9	0.0	56.9	0.0	69.0	2.5	22.3	0.0	80.0	2.2	74.5	22.8	4.0	0.3	3.8	0.2	2.2	0.0
28	5.6	0.5	4.6	0.0	11.0	0.0	3.9	0.0	64.8	0.0	68.4	0.2	76.2	6.1	80.0	0.0	23.1	31.1	4.4	0.0	4.1	0.0	3.2	0.0
29	5.7	0.0			11.3	0.0	4.7	0.0	71.2	0.0	67.2	0.0	75.6	5.4	80.0	0.0	1.6	13.5	4.8	0.1	4.3	2.0	3.5	10.9
30	5.8	0.0			11.6	1.0	5.3	8.9	75.8	0.0	64.5	26.6	75.0	0.0	80.0	2.0	3.0	0.1	5.2	0.2	4.2	0.2	1.7	9.8
31	4.2	11.9			11.9	8.8			79.2	0.7			74.1	0.0	80.0	3.7			5.5	0.1			2.2	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	70.9	111.9	15.8	109.3	49.5	135.6	54.9	50.3	169.3	88.5	96.9	118.8
Saugspannung 20 cm	Monatsmittel	5.0	3.5	18.6	18.1	40.0	46.2	48.0	80.0	47.7	6.9	4.2	4.2
(cbar)	Maximum	7.2	6.2	45.3	61.4	80.0	78.4	80.0	80.0	80.0	14.7	7.4	6.7
	Minimum	0.5	0.5	6.1	0.4	0.7	1.0	0.6	80.0	0.6	0.7	0.6	0.5
Saugspannung 35 cm	Monatsmittel	4.2	3.0	8.1	7.7	24.8	76.5	54.8	62.9	71.3	5.0	3.5	3.4
(cbar)	Maximum	5.9	4.9	12.0	13.6	80.0	80.0	80.0	80.0	80.0	9.0	6.2	5.5
	Minimum	0.4	0.3	4.7	0.4	1.5	47.0	-0.1	-0.2	0.5	0.4	0.5	0.3
Bodentemperatur 20 cm	Monatsmittel	3.4	3.9	5.3	9.4	15.0	18.0	20.4	20.3	16.6	14.2	10.1	6.2
(°C)	Maximum	7.1	6.2	8.6	12.8	18.4	21.7	23.0	23.4	20.5	15.2	13.3	8.3
	Minimum	1.7	2.0	2.1	4.4	10.9	14.4	17.8	0.0	12.6	12.6	7.6	4.3
Bodentemperatur 35 cm	Monatsmittel	4.3	4.3	5.4	9.0	13.9	16.9	19.5	19.6	16.8	14.3	10.9	7.1
(°C)	Maximum	7.0	5.6	7.8	11.1	16.0	19.2	20.7	21.0	19.5	14.8	13.5	9.2
	Minimum	3.1	3.0	3.2	5.7	10.9	14.4	18.0	0.0	13.7	13.5	8.8	5.5
Lufttemperatur	Monatsmittel	1.1	3.7	6.0	9.0	15.8	19.2	20.9	20.3	14.1	13.0	6.5	2.5
(°C)	Maximum	14.0	13.8	19.7	22.3	29.3	34.8	34.5	35.4	28.0	22.2	16.3	12.0
	Minimum	-6.4	-5.1	-6.2	-4.1	3.5	6.2	9.6	0.0	2.7	5.5	-0.7	-9.2





Darstellung der Tagesmittelwerte; Lücken = keine Daten

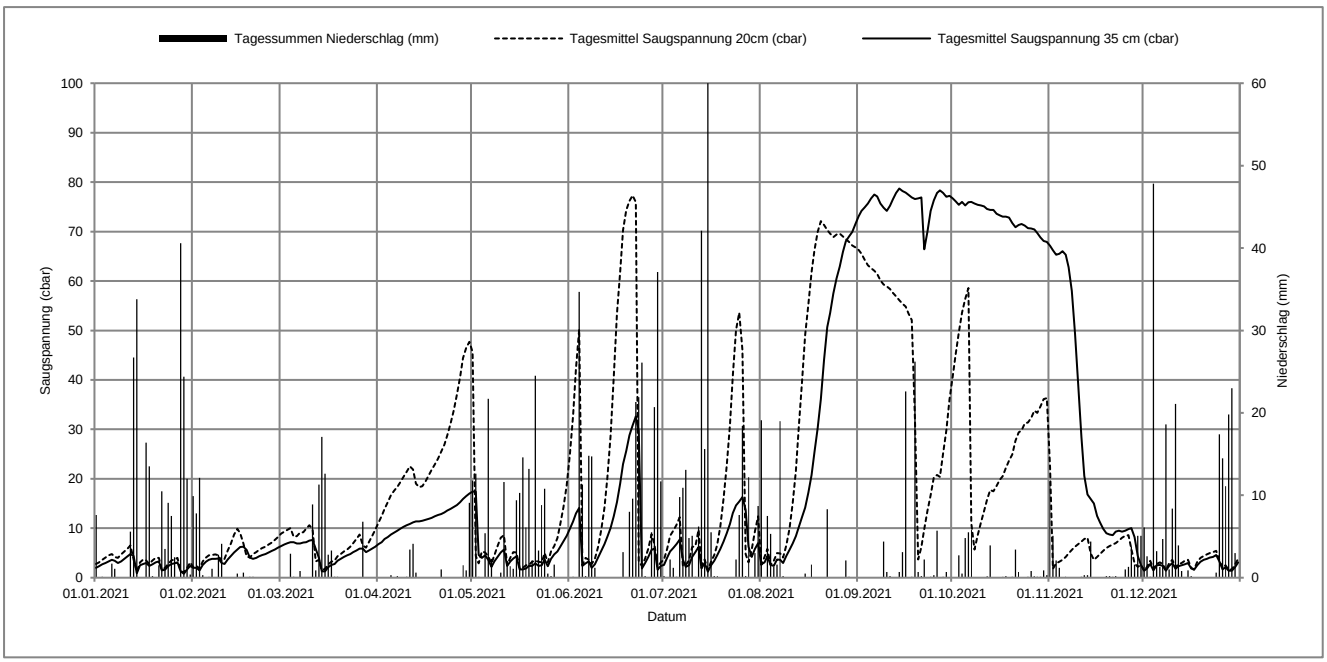
Bodenmesswerte **Kestenholz** **Wiese** Fluvisol

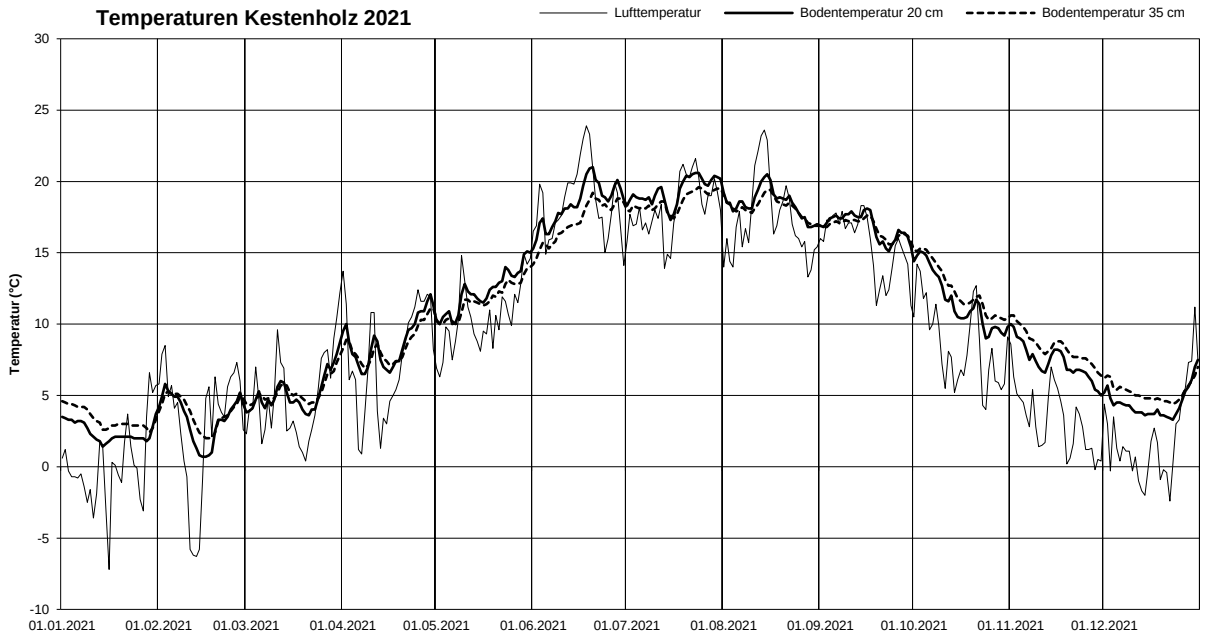
Koordinaten 622778 / 236504, 450 müM schwerer Boden

2021	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	2.0	7.6	2.0	9.9	6.4	0.0	6.8	0.0	17.4	11.8	9.9	0.0	2.6	0.2	2.7	19.1	73.1	0.0	76.7	0.0	67.1	11.7	1.4	6.1
2	2.3	0.0	2.0	7.8	6.7	0.0	7.2	0.0	17.4	12.6	11.4	0.1	4.1	0.0	3.1	0.0	74.2	0.0	76.1	0.0	66.2	5.1	1.9	2.6
3	2.7	0.1	1.5	12.1	7.0	0.0	7.8	0.0	4.6	0.1	13.0	0.0	5.3	2.2	4.3	7.5	74.9	0.0	75.4	2.7	65.3	2.1	2.8	0.1
4	3.0	0.0	2.6	0.3	7.2	2.9	8.2	0.0	4.0	0.0	14.1	34.7	6.0	1.2	2.6	5.3	75.7	0.0	76.0	0.5	65.5	1.2	1.5	47.8
5	3.3	0.0	3.2	0.0	7.2	0.1	8.7	0.3	4.5	5.4	2.4	11.3	6.8	0.1	2.4	1.3	76.7	0.0	75.3	4.8	66.0	0.0	2.5	3.2
6	3.6	1.7	3.6	0.1	6.9	0.0	9.1	0.0	3.6	21.7	2.9	0.2	7.7	9.8	3.7	1.6	77.5	0.0	75.9	5.5	65.3	0.1	2.6	1.3
7	3.4	1.1	3.8	1.1	6.9	0.8	9.5	0.2	2.2	2.3	3.3	14.8	3.6	10.9	3.6	19.0	77.1	0.0	76.0	5.8	62.8	0.0	2.4	4.7
8	3.0	0.0	3.8	0.0	7.1	0.0	9.9	0.0	3.3	0.0	2.0	14.7	2.2	13.1	3.0	0.2	75.7	0.0	75.7	0.0	58.0	0.0	1.4	18.6
9	3.3	0.0	3.9	2.8	7.2	0.0	10.3	0.0	4.2	0.0	2.7	1.2	2.5	4.8	4.4	0.0	74.8	4.4	75.4	0.0	49.4	0.0	2.4	1.0
10	3.8	0.0	3.0	4.1	7.5	0.0	10.6	0.1	5.1	0.6	4.1	0.0	4.2	5.1	5.6	0.0	74.2	0.7	75.3	0.0	39.0	0.0	3.0	8.4
11	4.3	0.0	2.8	0.0	7.6	8.9	10.9	3.4	5.7	11.6	5.4	0.0	5.2	0.1	6.9	0.0	75.2	0.2	75.1	0.0	28.5	0.1	1.8	21.1
12	4.8	5.6	3.7	0.0	5.8	0.9	11.2	4.1	2.4	2.0	6.8	0.0	6.2	6.2	8.4	0.0	76.5	0.0	74.6	0.2	20.6	0.3	2.3	3.9
13	4.4	26.7	4.4	0.0	4.0	11.3	11.4	0.6	3.3	1.4	8.3	0.0	1.9	42.1	10.2	0.0	77.8	0.0	74.4	3.9	16.8	0.3	2.5	0.8
14	0.9	33.8	5.1	0.0	1.3	17.1	11.4	0.0	3.9	1.1	10.0	0.0	3.0	15.6	12.2	0.0	78.7	0.7	74.4	0.0	15.9	4.4	2.7	0.0
15	2.5	0.0	5.7	0.5	1.3	12.6	11.5	0.0	4.3	9.4	12.4	0.0	1.2	60.0	14.2	0.5	78.2	3.1	73.6	0.0	15.0	0.0	3.0	0.9
16	2.8	0.0	6.2	0.0	2.1	2.8	11.7	0.0	1.7	10.3	15.3	0.0	2.5	5.5	17.2	0.0	77.9	22.6	73.3	0.0	12.5	0.0	1.9	0.2
17	3.0	16.4	6.3	0.6	2.6	3.3	11.9	0.0	1.7	14.6	19.0	0.0	3.4	0.2	20.8	1.6	77.4	0.0	73.0	0.1	11.2	0.0	1.6	0.0
18	2.4	13.5	5.6	0.0	2.8	0.1	12.1	0.0	1.9	6.1	23.0	3.1	4.5	0.2	25.4	0.0	76.9	0.1	73.0	0.2	9.9	0.0	2.5	0.0
19	2.7	0.2	4.1	0.1	3.4	0.1	12.4	0.0	2.4	13.2	25.6	0.0	5.8	0.0	30.2	0.0	76.6	26.2	72.8	0.0	9.0	0.2	3.2	0.0
20	3.1	0.0	3.8	0.1	3.8	0.0	12.7	0.0	2.4	2.1	28.8	8.0	7.3	0.0	36.1	0.0	76.7	0.7	71.7	0.1	8.7	0.2	3.6	0.0
21	3.3	1.5	4.0	0.0	4.2	0.0	12.9	1.0	2.9	24.5	30.8	9.6	9.0	0.0	44.1	0.0	76.9	0.2	70.9	3.4	8.6	0.1	3.8	0.0
22	1.5	10.5	4.3	0.0	4.5	0.0	13.2	0.0	2.4	3.3	32.6	21.3	10.9	0.0	50.7	8.3	66.4	2.2	71.3	0.7	9.3	0.2	4.1	0.0
23	1.6	3.5	4.6	0.0	4.8	0.0	13.6	0.0	2.5	8.8	29.7	21.9	13.1	0.0	53.5	0.0	70.0	0.0	71.5	0.0	9.5	0.0	4.2	0.0
24	2.3	9.1	4.8	0.0	5.2	0.0	13.9	0.0	3.7	10.8	1.9	26.1	14.6	2.2	57.5	0.0	74.2	0.1	71.2	0.0	9.3	0.0	4.6	0.6
25	2.8	7.5	5.1	0.0	5.5	0.0	14.3	0.0	2.3	0.5	3.0	0.2	15.4	7.6	60.5	0.0	76.3	0.3	70.7	0.1	9.5	1.0	3.3	17.4
26	2.9	2.5	5.4	0.0	5.9	0.0	14.7	0.0	3.8	0.2	4.2	0.0	16.3	18.4	62.9	0.0	77.8	5.7	70.6	0.8	9.8	1.3	1.7	14.5
27	3.1	0.0	5.7	0.0	5.9	6.8	15.3	0.0	4.7	1.6	5.6	5.5	13.7	0.2	65.9	0.0	78.3	0.0	70.4	0.2	10.0	3.8	2.1	11.1
28	1.3	40.6	6.1	0.0	5.2	0.0	15.9	1.5	5.3	0.0	5.9	20.7	6.3	12.2	68.0	2.1	77.8	0.1	69.7	0.1	8.2	1.6	1.4	19.8
29	0.8	24.4			5.5	0.0	16.5	0.9	6.3	0.0	1.6	37.1	4.2	0.0	69.0	0.1	77.0	0.7	68.8	0.1	4.4	5.1	1.4	23.0
30	1.7	12.0			5.9	0.0	17.0	9.1	7.4	0.0	2.4	11.7	5.8	3.0	69.9	0.0	77.2	0.0	68.1	0.9	2.6	5.1	2.1	3.0
31	2.4	0.4			6.3	0.0			8.5	0.0			7.0	8.7	71.5	0.0			67.9	0.3			3.1	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	218.7	39.5	67.7	21.2	176.0	242.3	230.6	65.5	68.0	30.4	43.9	210.1
Saugspannung 20 cm	Monatsmittel	3.5	5.4	6.8	24.7	6.7	27.0	13.2	41.6	43.4	28.7	6.0	3.0
(cbar)	Maximum	6.7	10.6	11.3	49.3	47.4	77.8	56.3	72.5	66.6	58.9	37.0	5.5
	Minimum	0.4	0.6	0.7	10.5	0.4	0.7	0.4	0.8	1.4	2.1	0.8	0.4
Saugspannung 35 cm	Monatsmittel	2.7	4.2	5.3	11.8	4.7	11.3	6.5	28.8	75.9	73.0	27.8	2.5
(cbar)	Maximum	5.1	6.7	7.9	17.2	17.7	36.8	18.3	72.5	78.8	77.2	67.3	4.7
	Minimum	0.2	0.6	0.7	6.6	0.4	0.5	0.3	0.6	38.1	67.4	2.5	0.4
Bodentemperatur 20 cm	Monatsmittel	2.4	3.4	5.1	8.7	12.3	18.4	19.3	18.5	16.8	11.6	7.4	4.4
(°C)	Maximum	4.2	6.1	10.4	13.1	16.7	22.7	21.6	21.2	18.8	15.6	10.3	7.6
	Minimum	1.3	0.6	3.1	5.4	8.1	13.8	16.8	16.0	14.3	8.5	4.9	3.0
Bodentemperatur 35 cm	Monatsmittel	3.3	3.8	5.2	8.5	11.7	17.2	18.6	18.2	16.7	12.5	8.4	5.3
(°C)	Maximum	4.6	5.4	8.3	11.3	14.4	19.4	19.7	19.6	17.7	15.6	10.7	7.1
	Minimum	2.3	1.9	4.1	6.6	8.5	13.8	17.3	16.8	15.4	10.2	6.3	4.3
Lufttemperatur	Monatsmittel	0.1	3.0	4.9	7.6	10.5	18.5	18.2	17.4	15.6	8.5	3.2	2.1
(°C)	Maximum	8.4	17.4	23.8	23.6	25.1	31.2	29.1	30.8	27.4	20.9	10.5	13.1
	Minimum	-14.0	-10.6	-4.7	-3.1	0.4	7.1	11.1	6.9	4.7	-2.2	-2.5	-4.1





Darstellung der Tagesmittelwerte; Lücken = keine Daten

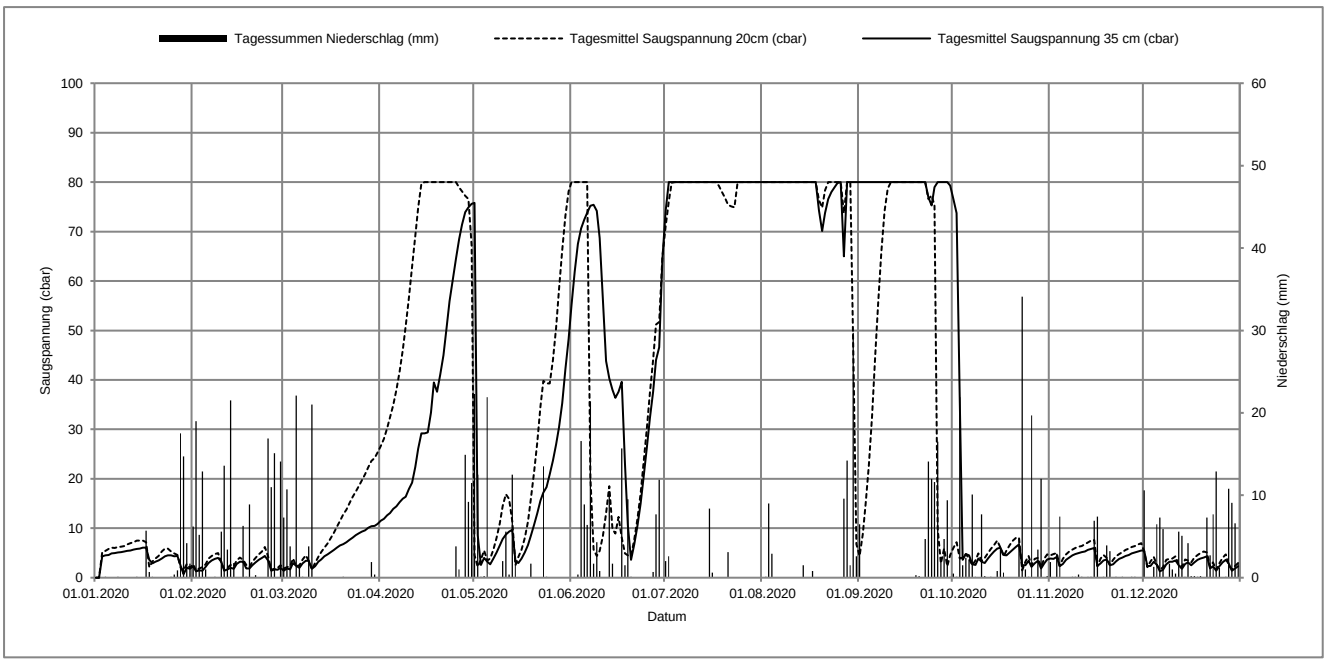
Bodenmesswerte **Kestenholz** **Wiese** Fluvisol

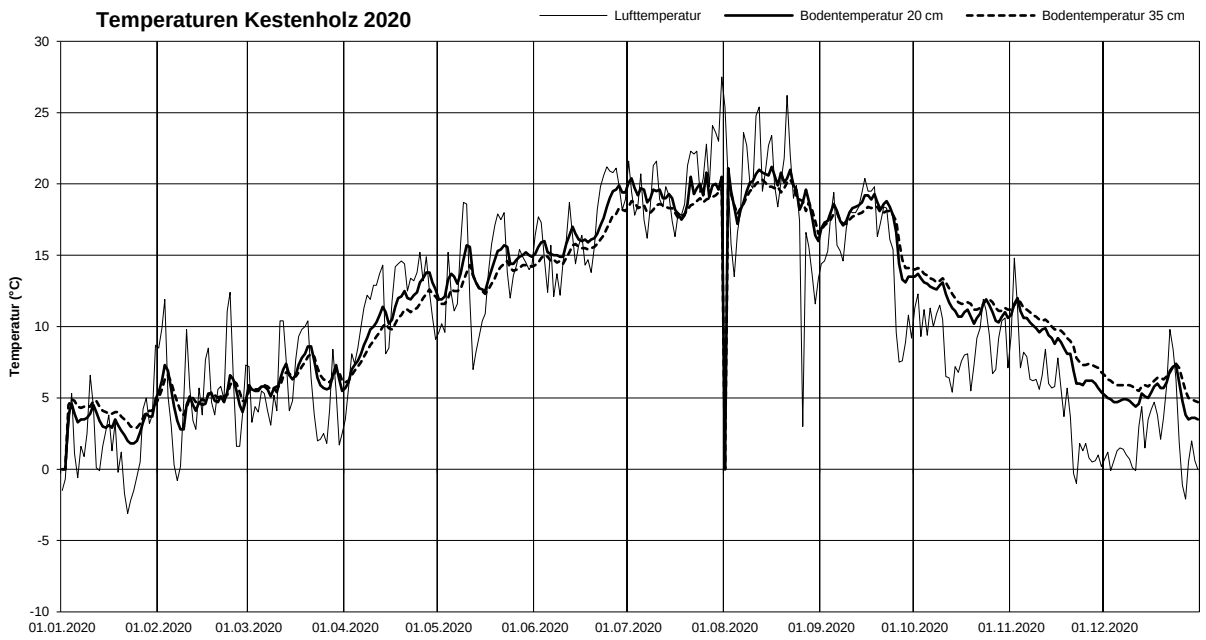
Koordinaten 622778 / 236504, 450 müM schwerer Boden

2020	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	0.0	0.0	2.3	6.2	1.4	7.3	11.5	0.0	75.8	22.3	55.1	0.0	74.1	2.0	80.0	0.0	80.0	6.5	76.6	0.5	3.9	1.9	5.5	10.6
2	0.0	0.0	1.3	19.0	1.9	10.7	11.9	0.0	8.6	12.5	61.9	0.0	80.0	2.6	80.0	0.1	80.0	0.0	73.7	0.1	3.8	0.0	2.3	0.0
3	4.3	0.0	1.5	5.2	1.7	3.8	12.6	0.0	2.6	0.1	67.5	0.4	80.0	0.0	80.0	9.0	80.0	0.0	35.8	21.9	4.2	2.9	2.4	0.0
4	4.5	0.1	1.4	12.9	3.0	0.0	13.1	0.0	4.0	0.2	70.6	16.6	80.0	0.0	80.0	2.9	80.0	0.0	3.6	1.5	2.3	7.4	3.2	1.3
5	4.6	0.0	2.2	1.0	2.4	22.1	13.9	0.0	3.2	21.9	72.4	8.9	80.0	0.0	80.0	0.0	80.0	0.0	4.8	2.4	2.8	0.0	2.6	6.5
6	4.9	0.0	3.0	0.0	2.0	1.2	14.4	0.0	2.7	0.0	73.8	6.4	80.0	0.0	80.0	0.0	80.0	0.0	4.5	2.2	3.6	0.0	1.3	7.3
7	5.0	0.0	3.5	0.0	2.9	0.1	15.3	0.0	3.9	0.0	75.2	21.4	80.0	0.0	80.0	0.0	80.0	0.0	2.7	10.1	4.1	0.0	1.6	5.9
8	5.1	0.1	3.8	0.1	3.4	0.0	16.0	0.0	5.1	0.0	75.4	1.7	80.0	0.0	80.0	0.0	80.0	0.0	2.6	0.1	4.5	0.1	2.7	0.0
9	5.2	0.0	4.0	0.0	3.4	3.8	16.4	0.0	6.5	0.0	74.2	4.3	80.0	0.0	80.0	0.0	80.0	0.0	3.9	0.0	4.8	0.1	3.2	1.7
10	5.3	0.0	3.2	5.6	1.8	21.0	17.9	0.0	7.8	2.0	68.7	0.8	80.0	0.0	80.0	0.0	80.0	0.0	3.2	7.7	5.0	0.4	3.2	1.0
11	5.4	0.0	1.4	13.6	2.3	0.0	19.2	0.0	8.7	5.6	56.3	0.0	80.0	0.0	80.0	0.0	80.0	0.0	3.0	0.2	5.2	0.1	3.5	0.5
12	5.5	0.0	1.7	3.4	3.2	0.0	22.4	0.0	9.3	0.4	43.8	0.0	80.0	0.0	80.0	0.0	80.0	0.0	3.9	0.0	5.3	0.0	2.5	5.6
13	5.7	0.0	2.0	21.5	3.7	0.0	26.1	0.0	9.7	12.5	40.3	10.5	80.0	0.0	80.0	0.0	80.0	0.0	4.6	0.1	5.6	0.1	1.8	5.1
14	5.8	0.1	1.8	1.8	4.3	0.0	29.2	0.0	3.3	2.2	38.0	1.7	80.0	0.0	80.0	1.5	80.0	0.0	5.3	0.0	5.8	0.1	2.8	0.1
15	5.9	0.0	2.8	0.0	4.7	0.0	29.2	0.0	3.0	0.0	36.4	0.0	80.0	8.4	80.0	0.0	80.0	0.0	5.9	0.8	6.0	6.9	3.1	4.2
16	6.1	0.0	3.2	0.0	5.2	0.0	29.4	0.0	3.9	0.0	37.6	0.0	80.0	0.6	80.0	0.0	80.0	0.0	6.1	3.7	2.4	7.4	2.5	0.2
17	6.1	5.7	3.2	6.3	5.6	0.0	33.4	0.0	5.1	0.0	39.6	15.7	80.0	0.0	80.0	0.8	80.0	0.0	4.6	0.6	2.9	0.0	3.1	0.2
18	3.6	0.7	1.9	0.1	6.1	0.0	39.5	0.0	6.6	0.0	23.1	1.5	80.0	0.0	80.0	0.0	80.0	0.0	4.5	0.0	3.5	0.1	3.6	0.1
19	2.9	0.1	1.9	8.9	6.5	0.0	37.6	0.0	8.5	1.7	10.6	9.5	80.0	0.0	74.3	0.0	80.0	0.3	5.1	0.0	3.7	3.9	3.9	0.2
20	3.2	0.0	2.5	0.0	6.8	0.1	41.1	0.0	10.7	0.0	3.6	0.1	80.0	0.0	70.1	0.0	80.0	0.2	5.7	0.0	2.5	3.2	4.1	0.0
21	3.5	0.0	3.1	0.3	7.2	0.0	45.0	0.0	13.0	0.0	6.7	0.0	80.0	3.1	73.7	0.0	80.0	0.0	6.3	0.0	2.7	0.0	4.3	7.3
22	3.9	0.0	3.6	0.0	7.6	0.0	50.1	0.0	15.6	0.0	10.5	0.0	80.0	0.0	76.6	0.0	80.0	4.7	6.7	4.7	3.3	0.1	1.9	2.7
23	4.3	0.0	4.0	0.0	8.1	0.0	55.9	0.0	17.2	13.5	15.0	0.0	80.0	0.0	78.0	0.0	76.9	14.1	2.5	34.1	3.8	0.0	2.3	7.7
24	4.5	0.0	4.4	0.0	8.6	0.0	60.2	0.0	18.3	0.1	20.2	0.0	80.0	0.0	79.0	0.0	75.3	12.0	2.5	1.0	4.1	0.1	1.4	12.9
25	4.5	0.1	3.5	16.9	9.0	0.0	64.5	3.8	20.9	0.0	26.1	0.0	80.0	0.0	79.8	0.0	79.0	11.6	3.4	0.1	4.4	0.0	2.3	1.2
26	4.3	0.4	1.4	11.0	9.3	0.0	68.5	1.0	23.7	0.0	32.3	0.0	80.0	0.0	80.0	0.0	80.0	16.5	2.2	19.7	4.6	0.0	3.1	0.0
27	4.4	0.9	1.7	15.1	9.6	0.0	71.4	0.0	27.0	0.0	37.6	0.7	80.0	0.0	65.0	9.6	80.0	1.9	2.9	0.0	4.9	0.1	3.6	0.1
28	2.4	17.5	1.6	0.0	10.1	0.0	73.9	14.9	30.4	0.0	44.0	7.7	80.0	0.0	80.0	14.2	80.0	4.7	3.4	3.4	5.1	0.1	2.9	10.8
29	0.7	14.7	2.0	14.1	10.4	1.9	74.9	9.2	35.3	0.0	46.6	11.9	80.0	0.0	80.0	1.5	80.0	9.4	1.9	12.0	5.3	0.0	1.4	9.1
30	2.0	4.2			10.5	0.4	75.6	11.5	42.2	0.0	64.5	0.0	80.0	0.0	80.0	29.7	79.3	0.1	2.9	0.0	5.5	0.0	1.9	6.6
31	1.8	1.7			10.9	0.0			48.3	0.0			80.0	0.0	80.0	2.6			3.7	0.2			2.3	1.9

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	46.3	163.0	72.4	41.2	94.2	119.8	16.7	73.6	80.3	127.1	35.0	110.8
Saugspannung 20 cm	Monatsmittel	4.7	3.2	10.4	64.3	23.5	31.6	48.8	60.8	53.9	4.8	5.2	3.4
(cbar)	Maximum	8.0	6.9	26.5	80.0	80.0	80.0	80.0	80.0	80.0	8.8	7.7	7.2
	Minimum	-0.4	-0.2	0.1	10.5	0.6	1.7	0.0	0.0	0.5	0.4	0.5	0.7
Saugspannung 35 cm	Monatsmittel	3.9	2.6	5.6	36.4	15.5	44.3	49.2	65.3	79.7	9.5	4.2	2.8
(cbar)	Maximum	6.2	5.0	11.5	75.8	75.9	75.9	80.0	80.0	80.0	77.6	6.2	5.7
	Minimum	-0.6	-1.8	-0.2	10.8	0.4	2.4	0.0	-0.3	69.5	0.4	0.9	0.6
Bodentemperatur 20 cm	Monatsmittel	2.9	5.0	6.4	10.7	14.1	16.7	11.5	8.9	17.4	11.7	8.6	5.1
(°C)	Maximum	5.5	7.6	9.3	15.0	16.7	20.8	23.4	22.3	20.5	14.0	12.3	7.5
	Minimum	0.0	2.5	4.5	4.9	11.0	14.0	0.0	0.0	12.5	9.8	5.4	3.4
Bodentemperatur 35 cm	Monatsmittel	3.6	5.2	6.4	9.8	13.3	15.8	10.9	8.9	17.2	12.3	9.5	6.0
(°C)	Maximum	5.0	6.7	8.2	12.7	14.8	18.5	19.9	20.4	18.6	14.2	12.0	7.4
	Minimum	0.0	3.7	5.2	5.9	11.4	14.1	0.0	0.0	13.9	11.0	6.7	4.6
Lufttemperatur	Monatsmittel	1.6	5.5	5.5	11.6	13.5	16.7	20.1	18.9	15.7	9.0	5.0	2.3
(°C)	Maximum	12.6	17.1	19.5	23.0	26.3	28.7	34.6	32.2	29.4	17.3	19.8	13.0
	Minimum	-5.4	-5.4	-4.1	-4.9	2.0	8.3	7.4	-23.7	3.8	0.4	-3.8	-4.9





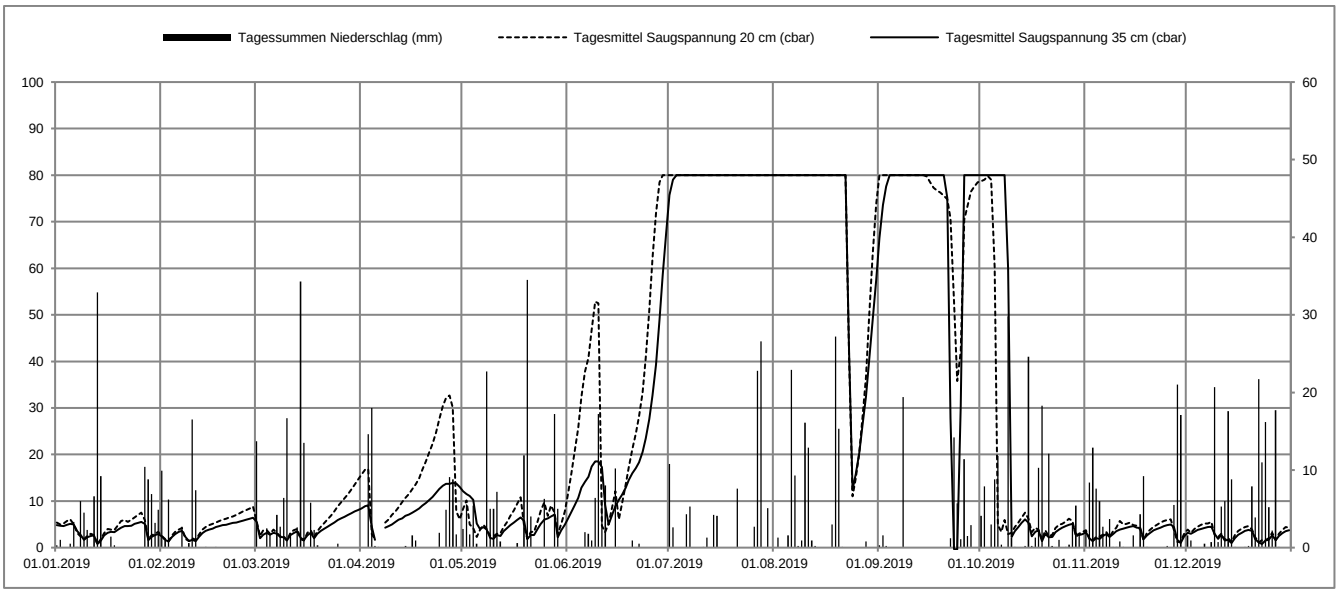
Darstellung der Tagesmittelwerte; Lücken = keine Daten

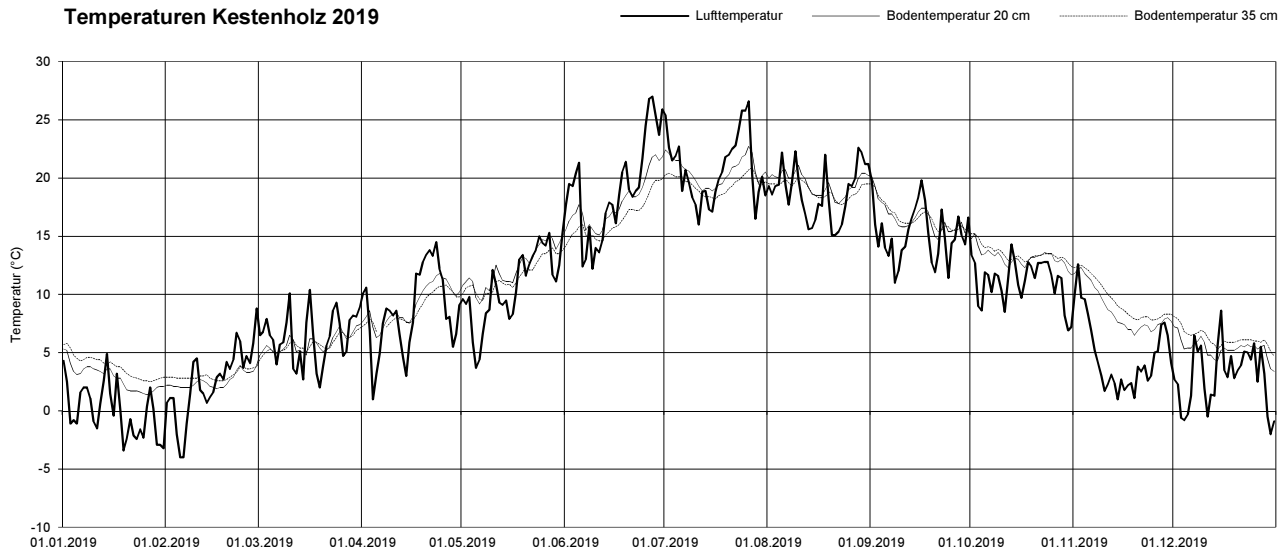
Bodenmesswerte	**Kestenholz**	**Wiese**	Fluvisol
	Koordinaten 622778 / 236504, 450 müM		schwerer Boden

2019	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	4.8	0.3	2.4	9.9	5.6	13.7	8.4	0.0	12.1	2.4	6.2	0.0	75.7	10.8	80.0	0.0	66.5	0.3	80.0	4.1	3.3	2.3	3.2	1.6
2	4.7	1.0	1.7	0.9	2.0	0.0	8.9	0.0	11.5	5.6	7.7	0.0	79.0	2.6	80.0	1.3	73.6	1.6	80.0	7.9	2.0	8.4	3.0	0.9
3	4.6	0.0	1.3	6.2	2.8	0.0	9.1	14.6	11.1	1.7	9.1	0.0	80.0	0.0	80.0	0.0	77.6	0.2	80.0	0.0	1.4	12.9	3.4	0.0
4	4.9	0.0	2.3	0.0	3.2	2.5	4.5	18.0	10.3	5.4	10.7	0.0	80.0	0.0	80.0	0.0	80.0	0.0	80.0	3.0	2.0	7.6	3.8	0.0
5	5.1	0.5	2.9	0.0	2.8	1.8	1.7	0.2	5.2	0.5	12.9	0.0	80.0	0.0	80.0	1.6	80.0	0.0	80.0	8.8	1.9	6.0	4.0	0.0
6	5.0	3.3	3.4	0.0	3.2	0.0	0.0	0.1	4.0	0.0	14.1	2.0	80.0	4.3	80.0	22.9	80.0	0.0	80.0	11.8	2.5	2.7	4.2	0.5
7	3.5	0.1	3.6	2.7	3.0	4.2	0.0	0.0	4.4	0.0	15.2	1.8	80.0	5.3	80.0	9.3	80.0	0.0	80.0	0.4	2.9	1.9	4.4	0.0
8	2.8	6.0	2.3	0.0	2.3	2.7	4.3	0.0	3.9	22.7	17.4	0.9	80.0	0.0	80.0	0.2	80.0	19.4	80.0	0.0	2.3	3.7	4.5	0.7
9	1.7	4.5	1.4	0.6	2.2	6.4	4.6	0.0	2.1	5.0	18.5	6.4	80.0	0.0	80.0	0.9	80.0	0.0	59.9	29.8	2.9	0.1	3.0	20.7
10	2.2	2.3	1.7	16.5	1.5	16.7	5.0	0.0	1.9	5.0	18.5	17.2	80.0	0.0	80.0	16.1	80.0	0.0	2.3	1.3	3.5	0.1	1.9	0.7
11	2.5	0.1	1.4	7.4	2.7	1.6	5.5	0.0	2.7	7.2	17.3	6.1	80.0	0.1	80.0	12.9	80.0	0.0	3.5	0.1	3.9	0.8	2.8	5.3
12	2.6	6.6	2.3	0.0	3.1	0.0	6.0	0.0	2.5	0.8	9.2	8.0	80.0	1.3	80.0	0.9	80.0	0.0	4.4	0.0	4.1	0.1	1.5	6.0
13	0.8	32.9	3.1	0.0	3.5	2.6	6.3	0.0	3.5	0.0	5.0	0.0	80.0	0.0	80.0	0.2	80.0	0.0	5.3	0.0	4.3	0.0	1.7	17.6
14	1.5	9.2	3.6	0.1	2.1	34.3	6.8	0.2	4.2	0.0	7.0	0.0	80.0	4.2	80.0	0.0	80.0	0.0	6.1	0.2	4.5	0.0	1.0	8.8
15	2.6	0.0	3.9	0.0	1.7	13.5	7.1	0.0	4.8	0.0	8.9	10.2	80.0	4.1	80.0	0.0	80.0	0.0	5.4	24.6	4.6	1.6	2.1	0.1
16	3.2	0.0	4.1	0.0	2.6	0.0	7.5	1.6	5.4	0.0	10.3	0.1	80.0	0.0	80.0	0.0	80.0	0.0	2.4	0.2	4.3	0.0	2.8	0.0
17	3.4	1.4	4.4	0.1	3.2	5.8	7.9	0.9	5.9	0.6	11.4	0.0	80.0	0.0	80.0	0.0	80.0	0.0	3.4	1.3	4.2	4.3	3.2	0.0
18	3.3	0.3	4.6	0.0	2.0	2.3	8.4	0.0	6.5	0.0	12.8	0.0	80.0	0.0	80.0	3.0	80.0	0.0	3.7	10.3	1.8	9.2	3.6	0.1
19	3.8	0.0	4.8	0.0	3.0	0.3	9.0	0.0	5.7	11.9	14.5	0.0	80.0	0.0	80.0	27.2	80.0	0.0	1.4	18.3	2.6	0.1	3.8	0.2
20	4.3	0.0	4.9	0.0	3.6	0.0	9.6	0.0	1.9	34.5	16.0	0.9	80.0	0.0	80.0	15.3	80.0	0.0	3.0	0.1	3.2	0.0	3.6	7.9
21	4.6	0.0	5.1	0.0	4.1	0.0	10.2	0.0	2.7	4.0	17.1	0.0	80.0	7.6	80.0	0.1	75.1	0.0	2.2	12.1	3.7	0.0	1.8	3.9
22	4.6	0.0	5.3	0.0	4.5	0.0	10.9	0.0	2.7	0.0	18.3	0.5	80.0	0.0	80.0	0.0	27.8	1.2	2.3	0.2	4.0	0.0	1.1	21.7
23	4.7	0.0	5.4	0.0	5.0	0.0	11.8	0.0	4.0	0.0	20.5	0.0	80.0	0.0	42.6	0.0	-0.3	14.2	3.3	0.0	4.3	0.0	0.8	11.0
24	5.1	0.0	5.6	0.0	5.4	0.0	12.6	1.9	5.1	0.0	23.5	0.0	80.0	0.0	12.5	0.0	-0.4	5.7	3.9	1.0	4.6	0.0	1.5	16.2
25	5.3	0.0	5.8	0.0	5.9	0.5	13.3	0.0	6.0	6.3	27.6	0.0	80.0	0.0	15.8	0.0	30.5	1.1	4.3	0.0	4.8	0.2	1.7	5.2
26	5.5	0.0	6.0	0.0	6.3	0.0	13.7	4.9	6.3	0.0	32.7	0.0	80.0	2.7	20.3	0.0	80.0	11.4	4.6	0.1	5.0	0.0	2.6	2.2
27	5.1	10.4	6.2	0.0	6.6	0.0	13.7	9.1	6.7	0.0	39.3	0.0	80.0	22.8	26.2	0.0	80.0	1.5	4.9	0.4	4.4	5.5	1.6	17.7
28	1.6	8.8	6.4	0.0	7.0	0.0	13.9	8.8	7.1	17.2	49.0	0.0	80.0	26.6	32.5	0.8	80.0	2.9	5.1	2.9	1.6	21.0	2.5	0.1
29	2.3	6.9			7.4	0.0	13.8	1.7	2.2	5.0	58.6	0.0	80.0	0.0	40.3	0.0	80.0	0.0	2.9	5.4	1.0	17.1	3.1	0.0
30	2.7	3.2			7.8	0.0	13.0	0.1	3.7	0.0	67.8	0.0	80.0	5.1	49.0	0.0	80.0	0.0	2.7	1.9	2.4	0.0	3.5	0.0
31	2.9	4.9			8.1	0.0			4.9	0.0			80.0	0.0	57.6	0.0			2.9	0.0			3.7	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	102.7	44.4	108.9	62.1	135.8	54.1	97.5	62.1	59.5	146.2	105.6	149.1
Saugspannung 20 cm	Monatsmittel	4.2	4.7	5.5	15.7	5.6	33.0	80.0	67.7	74.5	15.7	3.8	3.3
(cbar)	Maximum	7.7	8.9	15.2	33.3	11.6	80.0	80.0	80.0	80.0	79.9	6.3	5.6
	Minimum	0.0	0.1	0.0	0.5	0.1	1.0	80.0	8.1	23.9	0.1	0.1	-0.4
Saugspannung 35 cm	Monatsmittel	3.6	3.8	4.0	9.0	5.2	20.0	79.8	66.3	70.3	25.0	3.3	2.7
(cbar)	Maximum	5.7	6.7	8.5	14.6	12.5	73.7	80.0	80.0	80.0	80.0	5.2	4.7
	Minimum	0.4	0.1	0.2	0.7	0.0	4.3	73.6	9.6	-0.5	-0.5	0.0	-0.5
Bodentemperatur 20 cm	Monatsmittel	-	-	5.8	9.1	12.3	17.9	20.6	19.5	16.5	13.2	8.7	5.4
(°C)	Maximum	-	-	8.2	12.5	16.3	23.3	24.0	21.8	20.6	15.4	12.5	7.5
	Minimum	-	-	4.3	5.8	8.4	14.5	17.7	17.3	13.9	11.6	6.3	3.3
Bodentemperatur 35 cm	Monatsmittel	-	-	5.7	8.8	11.6	16.5	19.5	19.0	16.6	13.5	9.5	6.2
(°C)	Maximum	-	-	7.3	11.0	14.2	20.3	21.2	20.2	19.6	15.5	12.5	8.2
	Minimum	-	-	4.1	6.6	9.2	14.0	17.9	17.6	15.2	12.3	7.7	4.6
Lufttemperatur	Monatsmittel	0.0	2.5	6.3	8.6	10.7	19.1	20.7	18.7	15.1	11.1	4.7	2.9
(°C)	Maximum	6.4	17.9	19.1	23.9	23.6	36.3	37.0	30.8	28.4	21.4	15.0	12.0
	Minimum	-11.2	-7.9	-3.2	-1.6	-2.3	5.6	9.7	7.8	4.3	2.8	-2.7	-4.1





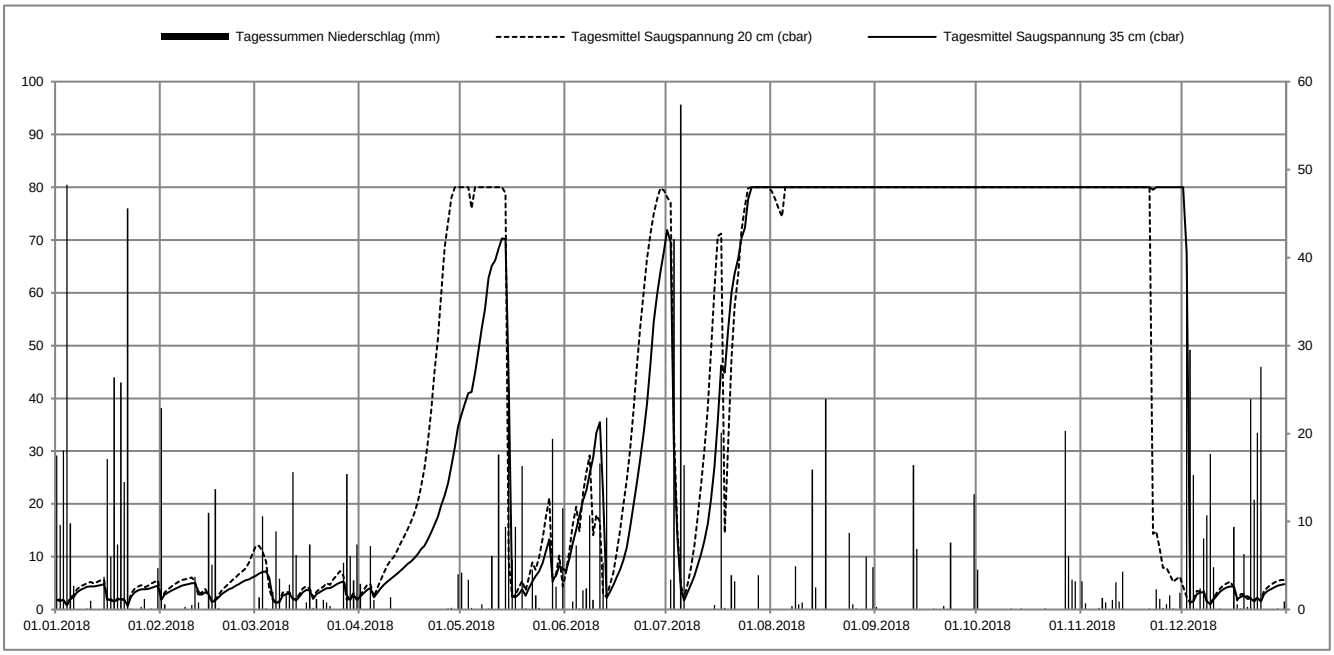
Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte	**Kestenholz**	**Wiese**	Fluvisol
	Koordinaten 622778 / 236504, 450 müM		schwerer Boden

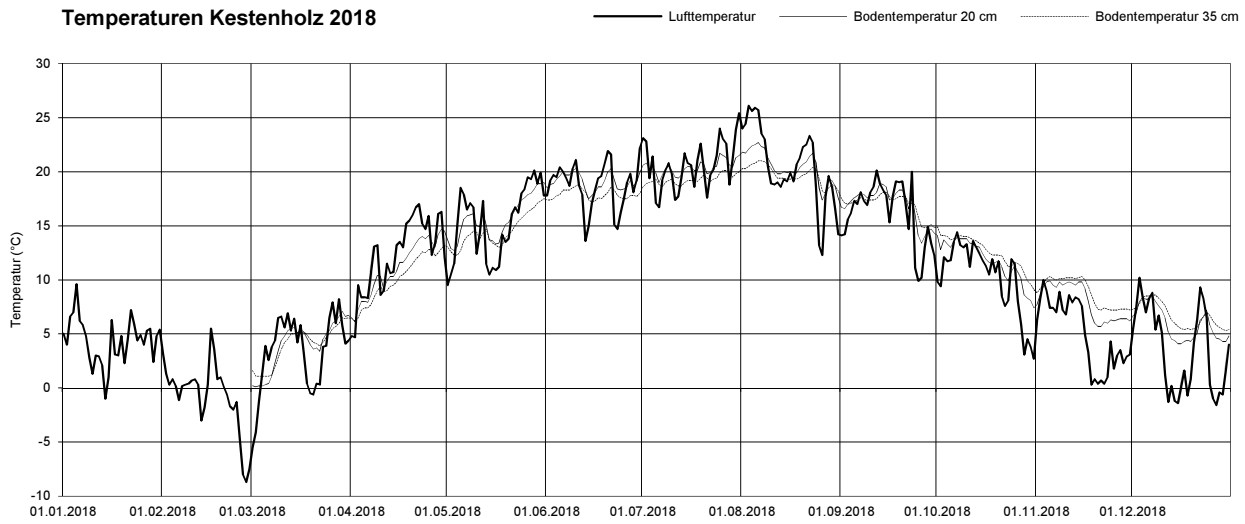
2018	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	1.8	17.5	1.9	22.9	6.4	0.0	2.5	2.9	37.0	4.2	7.3	0.0	71.9	0.0	80.0	0.0	80.0	0.3	80.0	4.5	80.0	3.2	80.0	0.0
2	1.6	9.6	2.8	0.6	6.8	1.4	3.1	0.0	39.0	0.0	9.7	0.0	69.6	3.4	80.0	0.0	80.0	0.0	80.0	0.0	80.0	0.7	67.6	39.4
3	1.8	18.1	3.2	0.0	7.1	10.6	3.7	0.0	41.0	3.4	12.5	0.9	31.1	42.1	80.0	0.0	80.0	0.0	80.0	0.0	80.0	0.0	1.4	29.5
4	0.8	48.3	3.6	0.0	7.2	0.1	4.1	7.2	41.2	0.2	15.2	7.3	13.8	0.0	80.0	0.0	80.0	0.0	80.0	0.0	80.0	0.0	1.5	15.3
5	1.9	9.8	3.9	0.0	6.0	0.0	2.3	1.1	44.8	0.0	17.7	0.1	3.9	57.4	80.0	0.0	80.0	0.0	80.0	0.0	80.0	0.0	2.9	0.0
6	2.4	2.7	4.2	0.0	2.1	2.0	3.1	0.0	48.8	0.0	20.6	2.2	1.7	16.4	80.0	0.0	80.0	0.0	80.0	0.0	80.0	0.2	3.2	2.4
7	3.2	0.0	4.5	0.0	1.3	8.9	4.0	0.0	53.3	0.6	22.6	2.4	3.3	0.0	80.0	0.4	80.0	0.0	80.0	0.0	80.0	1.3	3.3	8.1
8	3.7	0.0	4.7	0.3	1.4	3.5	4.7	0.0	56.9	0.0	25.7	10.7	4.7	0.0	80.0	4.9	80.0	0.0	80.0	0.0	80.0	0.8	1.5	10.7
9	4.0	0.0	4.8	0.0	2.6	0.0	5.3	0.0	62.8	0.1	28.8	1.1	6.3	0.0	80.0	0.6	80.0	0.0	80.0	0.0	80.0	0.0	1.0	17.7
10	4.3	0.1	5.0	0.5	2.9	1.8	5.8	1.4	65.1	6.1	33.5	0.0	8.3	0.0	80.0	0.8	80.0	0.0	80.0	0.0	80.0	1.1	1.9	4.8
11	4.4	1.0	5.0	3.7	3.0	2.8	6.3	0.0	66.2	0.0	35.5	16.6	10.5	0.0	80.0	0.0	80.0	0.0	80.0	0.1	80.0	3.1	2.7	0.0
12	4.4	0.0	3.4	0.8	2.0	15.6	6.8	0.0	68.5	17.6	21.8	5.3	12.9	0.0	80.0	0.0	80.0	16.4	80.0	0.0	80.0	0.9	3.4	0.1
13	4.5	0.0	2.8	0.0	1.7	6.2	7.4	0.0	70.3	0.0	2.2	21.8	16.2	0.0	80.0	15.9	80.0	6.9	80.0	0.0	80.0	4.3	3.9	0.0
14	4.6	0.0	3.3	0.0	2.5	0.0	8.0	0.0	70.2	9.4	3.3	0.0	20.8	0.0	80.0	2.5	80.0	0.0	80.0	0.1	80.0	0.0	4.2	0.0
15	4.8	3.7	2.9	11.0	3.3	0.0	8.6	0.0	43.3	25.2	4.6	0.0	27.1	0.5	80.0	0.0	80.0	0.0	80.0	0.0	80.0	0.0	4.4	0.0
16	2.0	17.1	1.4	5.1	3.7	0.8	9.1	0.0	2.5	5.7	6.1	0.0	35.5	0.0	80.0	0.0	80.0	0.0	80.0	0.0	80.0	0.0	4.3	9.4
17	1.7	6.0	1.7	13.7	3.6	7.4	9.7	0.0	2.3	9.4	7.5	0.0	46.2	20.1	80.0	23.9	80.0	0.0	80.0	0.0	80.0	0.0	2.0	0.6
18	1.5	26.4	2.3	0.2	2.0	0.2	10.5	0.0	2.9	0.0	9.3	0.0	44.9	0.2	80.0	0.0	80.0	0.1	80.0	0.0	80.0	0.0	2.4	0.1
19	1.8	7.4	3.0	0.0	2.9	1.2	11.4	0.0	3.8	16.3	11.8	0.0	52.6	0.0	80.0	0.0	80.0	0.0	80.0	0.0	80.0	0.0	2.7	6.3
20	2.0	25.8	3.4	0.0	3.3	0.0	12.1	0.0	2.6	0.1	15.4	0.0	60.0	3.9	80.0	0.0	80.0	0.0	80.0	0.0	80.0	0.0	2.0	0.3
21	1.7	14.5	3.8	0.0	3.7	1.1	13.2	0.0	4.0	0.0	19.8	0.0	63.7	3.2	80.0	0.0	80.0	0.4	80.0	0.1	80.0	0.1	2.1	23.9
22	0.8	45.6	4.1	0.0	4.0	0.8	14.6	0.0	5.3	4.5	24.2	0.0	66.5	0.0	80.0	0.0	80.0	0.0	80.0	0.0	79.5	0.0	1.5	12.5
23	2.4	0.1	4.5	0.0	4.1	0.4	16.0	0.0	6.3	1.6	28.5	0.0	70.3	0.0	80.0	0.0	80.0	7.6	80.0	0.0	80.0	2.3	2.2	20.1
24	3.2	0.0	4.8	0.0	4.4	0.0	17.6	0.0	7.2	0.2	33.6	0.0	72.3	0.0	80.0	8.7	80.0	0.0	80.0	0.0	80.0	1.2	1.5	27.6
25	3.6	0.0	5.2	0.0	4.8	0.0	19.7	0.0	8.8	0.0	38.9	0.0	77.7	0.0	80.0	0.6	80.0	0.0	80.0	0.0	80.0	0.2	2.9	0.0
26	3.8	0.3	5.5	0.0	5.1	0.0	21.6	0.0	11.0	0.0	46.6	0.0	80.0	0.0	80.0	0.1	80.0	0.0	80.0	0.0	80.0	0.6	3.5	0.0
27	3.8	1.2	5.7	0.0	5.3	5.3	24.0	0.1	13.3	0.0	54.4	0.0	80.0	0.0	80.0	0.0	80.0	0.0	80.0	20.3	80.0	1.6	3.8	0.0
28	3.9	0.0	6.1	0.0	2.7	15.4	27.2	0.2	5.7	19.4	59.8	0.0	80.0	3.9	80.0	0.0	80.0	0.0	80.0	6.1	80.0	0.1	4.2	0.0
29	4.1	0.1			1.8	6.1	30.8	0.0	6.4	2.6	63.9	0.0	80.0	0.0	80.0	6.0	80.0	0.0	80.0	3.4	80.0	0.0	4.5	0.1
30	4.3	0.0			2.8	3.3	34.7	4.0	8.3	0.0	67.9	0.0	80.0	0.0	80.0	0.0	80.0	13.1	80.0	3.2	80.0	1.9	4.7	0.0
31	4.5	4.7			1.8	7.4			7.7	11.5			80.0	0.0	80.0	4.8			80.0	0.0			4.8	0.9

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	260.0	58.8	102.3	17.1	137.9	68.4	151.1	17.1	45.8	36.8	23.6	229.8
Saugspannung 20 cm	Monatsmittel	3.5	4.9	4.5	27.6	40.3	32.1	48.9	79.6	80.0	80.0	58.0	3.3
(cbar)	Maximum	5.8	11.3	12.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	5.8
	Minimum	0.0	0.1	0.3	1.6	0.6	0.9	0.9	72.9	80.0	80.0	4.7	0.0
Saugspannung 35 cm	Monatsmittel	3.0	3.8	3.6	11.6	29.2	25.0	44.3	80.0	80.0	80.0	79.9	7.3
(cbar)	Maximum	5.0	6.5	7.6	37.0	70.4	71.4	80.0	80.0	80.0	80.0	80.0	80.0
	Minimum	0.1	0.2	0.4	2.0	0.7	0.4	0.9	80.0	80.0	80.0	64.7	-0.1
Bodentemperatur 20 cm	Monatsmittel	-	-	4.0	11.1	15.7	19.1	20.4	20.4	17.0	11.8	8.0	5.9
(°C)	Maximum	-	-	7.3	16.4	20.2	22.1	23.3	24.3	20.1	14.9	10.3	8.6
	Minimum	-	-	0.1	5.1	12.3	16.7	18.0	16.1	12.0	6.9	5.4	4.1
Bodentemperatur 35 cm	Monatsmittel	-	-	4.0	10.1	14.5	17.9	19.3	19.7	17.0	12.6	8.8	6.7
(°C)	Maximum	-	-	6.7	13.3	17.7	19.0	20.4	21.3	18.4	15.1	10.4	8.7
	Minimum	-	-	1.1	5.9	12.2	17.0	18.3	17.8	14.5	8.9	7.0	5.3
Lufttemperatur	Monatsmittel	4.4	-0.7	3.4	12.2	15.3	18.7	20.6	20.5	16.2	10.2	5.1	3.5
(°C)	Maximum	11.3	6.8	13.2	27.1	27.0	30.3	33.7	33.8	29.7	23.1	13.6	11.3
	Minimum	-3.3	-12.6	-8.4	-2.6	5.7	6.1	8.7	7.0	0.7	-1.6	-2.1	-4.9



Januar – Februar 2018: Ausfall Sensoren Bodentemperaturen; Juli – November 2018: Die Tensiometer konnten teilweise aufgrund extremer Trockenheit keine korrekten Messwerte mehr liefern



Darstellung der Tagesmittelwerte; Lücken = keine Daten; Januar – Februar 2018: Ausfall Sensoren Bodentemperaturen

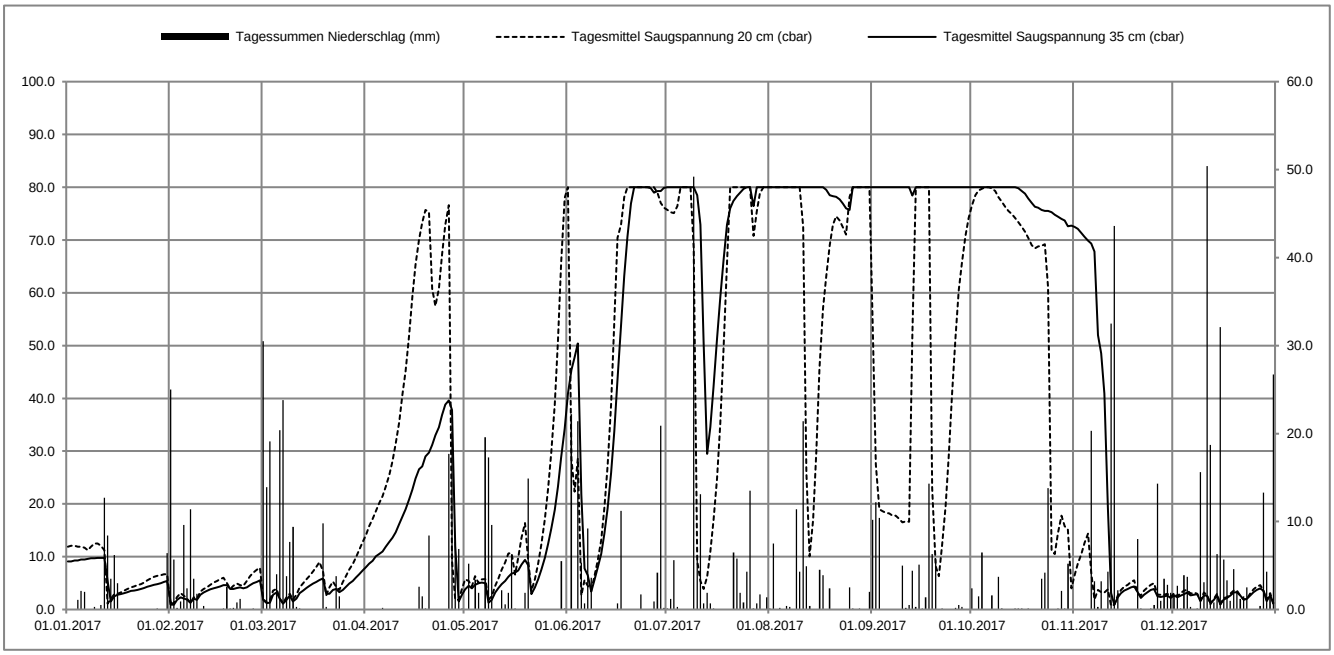
Bodenmesswerte **Kestenholz** **Wiese** Fluvisol

Koordinaten 622778 / 236504, 450 müM schwerer Boden

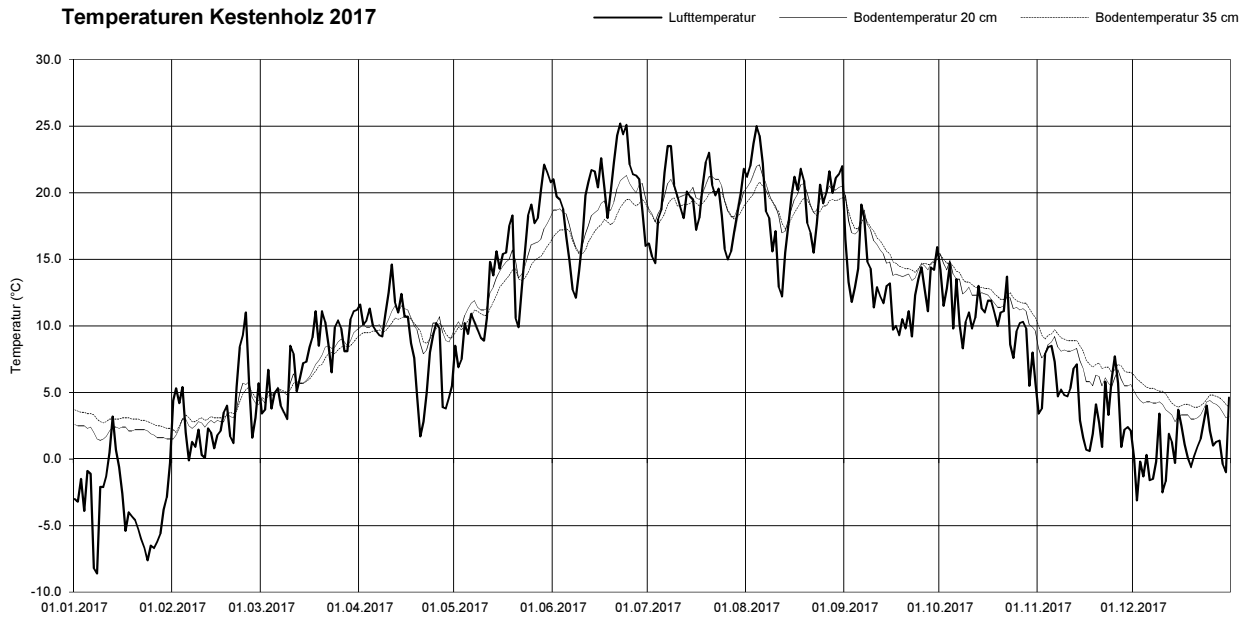
2017	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	9.1	0.0	0.9	5.7	1.2	13.9	8.7	0.0	4.5	5.2	45.4	22.2	>80.0	1.2	>80.0	7.5	>80.0	12.2	>80.0	0.0	72.1	0.0	2.3	2.7
2	9.3	0.0	1.8	0.2	1.3	19.1	9.2	0.0	4.0	0.0	47.8	0.0	>80.0	5.6	>80.0	0.0	>80.0	10.4	>80.0	1.5	71.3	0.0	2.6	0.1
3	9.3	1.1	2.3	0.9	2.8	0.0	10.1	0.0	4.7	3.4	50.4	21.4	>80.0	0.3	>80.0	0.2	>80.0	0.0	>80.0	6.5	70.6	0.0	2.9	3.9
4	9.5	2.1	2.1	9.6	3.2	4.0	10.5	0.0	5.0	1.9	21.7	5.3	>80.0	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.0	69.9	0.0	3.2	3.7
5	9.5	2.0	1.9	2.4	2.0	20.4	11.0	0.2	5.1	0.0	7.8	0.7	>80.0	0.0	>80.0	0.4	>80.0	0.0	>80.0	0.0	69.3	20.3	2.7	0.3
6	9.6	0.0	1.3	11.4	1.1	23.8	11.9	0.0	5.0	19.6	6.5	9.2	>80.0	0.0	>80.0	0.3	>80.0	0.0	>80.0	1.6	67.8	3.2	2.8	0.0
7	9.7	0.0	2.1	3.5	1.8	3.8	12.8	0.0	1.3	17.3	3.4	3.6	>80.0	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.0	52.0	0.3	2.9	0.1
8	9.7	0.3	1.8	1.8	2.6	7.7	13.6	0.0	1.8	9.6	5.6	0.0	>80.0	49.2	>80.0	11.4	>80.0	0.0	>80.0	3.7	48.5	3.2	1.6	15.6
9	9.8	0.0	2.8	0.0	1.5	9.4	14.6	0.0	3.2	0.0	7.9	0.0	78.5	5.7	>80.0	4.3	>80.0	5.0	>80.0	0.1	40.9	0.0	2.7	3.1
10	9.8	0.5	3.2	0.4	2.1	0.3	16.2	0.0	4.1	0.0	10.5	0.0	72.9	13.1	>80.0	21.4	>80.0	0.2	>80.0	0.0	19.2	4.3	2.6	50.4
11	9.8	12.7	3.5	0.0	3.1	0.1	17.6	0.0	4.8	2.2	14.4	0.0	50.6	0.7	>80.0	4.9	>80.0	0.5	>80.0	0.0	3.1	32.5	1.2	18.7
12	5.4	8.4	3.8	0.0	3.6	0.0	19.0	0.0	5.4	0.6	19.1	0.0	29.5	1.9	>80.0	0.4	78.4	4.4	>80.0	0.0	0.9	43.6	1.8	0.8
13	1.5	3.5	4.0	0.0	4.1	0.0	20.9	0.0	6.2	1.9	25.9	0.0	34.6	0.7	>80.0	0.0	>80.0	0.3	>80.0	0.1	2.3	2.2	2.7	6.3
14	2.5	6.2	4.2	0.0	4.5	0.0	22.7	0.0	6.8	6.1	33.8	0.0	42.2	0.1	>80.0	0.0	>80.0	5.1	79.8	0.1	3.1	0.0	1.0	32.1
15	2.8	3.0	4.4	0.0	4.9	0.0	24.8	0.0	7.0	0.1	43.6	0.7	51.4	0.0	>80.0	4.5	>80.0	0.1	79.3	0.1	3.6	0.0	1.9	5.7
16	2.9	0.0	4.6	0.1	5.2	0.0	26.6	2.6	7.4	0.0	53.8	11.2	59.1	0.0	>80.0	3.9	>80.0	1.4	78.8	0.0	3.9	0.0	2.2	3.3
17	3.1	0.0	4.6	2.6	5.6	0.0	27.1	1.5	8.5	0.0	63.2	0.0	66.0	0.0	79.5	0.0	>80.0	14.3	77.9	0.1	4.2	0.0	2.6	1.0
18	3.3	0.0	3.9	0.1	5.9	9.8	29.0	0.1	9.4	1.9	70.6	0.0	72.9	0.0	78.5	2.4	>80.0	6.3	77.0	0.0	4.4	0.0	3.2	4.6
19	3.5	0.0	3.9	0.2	3.0	0.3	29.7	8.4	8.4	14.9	76.9	0.0	76.0	0.0	78.3	0.0	>80.0	5.7	76.3	0.0	3.3	8.0	3.3	2.1
20	3.6	0.0	4.1	0.8	3.0	0.0	31.2	0.0	2.9	0.0	>80.0	0.0	77.4	6.5	78.2	0.0	>80.0	0.0	76.1	0.0	2.2	0.1	2.7	1.2
21	3.7	0.0	4.2	1.2	3.7	0.0	33.0	0.0	4.2	0.0	>80.0	0.0	78.3	5.8	77.7	0.0	>80.0	0.1	75.7	3.5	2.8	0.0	1.9	1.5
22	3.9	0.0	4.0	0.0	3.9	3.8	34.5	0.0	5.7	0.0	>80.0	1.7	79.0	1.9	76.9	0.0	>80.0	0.0	75.5	4.2	3.3	0.0	2.0	2.5
23	4.1	0.0	4.2	0.0	3.3	1.5	36.9	0.0	7.5	0.0	>80.0	0.0	79.7	0.8	76.0	0.0	>80.0	0.0	75.5	13.8	3.7	0.1	2.6	0.0
24	4.3	0.0	4.6	0.0	3.7	0.0	38.8	0.0	9.8	0.0	>80.0	0.0	>80.0	4.3	75.7	2.5	>80.0	0.0	75.3	0.0	3.9	0.5	3.3	0.0
25	4.5	0.0	5.0	0.1	4.3	0.0	39.6	17.7	12.4	0.0	79.8	0.0	>80.0	13.5	>80.0	0.1	>80.0	0.2	74.8	0.0	2.5	14.3	3.7	0.0
26	4.7	0.0	5.2	0.0	4.9	0.0	37.8	20.2	15.3	0.0	79.0	0.9	76.4	0.1	>80.0	0.0	>80.0	0.5	74.4	0.1	2.4	1.0	4.0	0.4
27	4.8	0.1	5.5	0.0	5.4	0.0	12.0	7.7	18.9	0.0	79.3	4.2	>80.0	0.7	>80.0	0.1	>80.0	0.3	74.0	2.1	2.5	3.5	3.5	13.3
28	5.0	0.0	1.8	30.5	6.1	0.0	1.5	6.9	23.3	0.0	79.3	20.9	>80.0	1.7	>80.0	0.0	>80.0	0.0	73.7	0.1	2.6	2.8	1.6	4.3
29	5.2	0.0			6.7	0.0	2.8	0.1	28.9	5.5	79.9	0.2	>80.0	0.0	>80.0	0.0	>80.0	0.0	72.6	5.2	2.2	1.9	2.7	1.8
30	5.4	6.4			7.4	0.0	3.8	0.0	34.3	0.1	>80.0	0.1	>80.0	1.4	>80.0	2.0	>80.0	2.4	72.7	0.0	2.7	1.7	1.2	26.7
31	1.4	25.0			8.0	0.0			40.8	0.0			>80.0	0.1	>80.0	10.2			72.5	0.0			2.2	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	71.3	71.5	117.9	65.4	91.1	101.5	115.3	65.4	68.7	42.8	143.5	206.2
Saugspannung 20 cm	Monatsmittel	7.0	4.3	5.6	40.4	18.0	50.4	60.0	67.2	39.8	58.0	4.6	2.8
(cbar)	Maximum	12.9	8.2	14.9	78.0	>80.0	>80.0	>80.0	>80.0	>80.0	>80.0	15.7	4.9
	Minimum	-0.1	0.2	0.1	0.6	0.4	0.9	1.8	8.2	4.1	2.9	-0.1	0.0
Saugspannung 35 cm	Monatsmittel	5.8	3.4	3.9	20.3	10.0	49.6	71.7	79.4	79.9	77.5	21.4	2.5
(cbar)	Maximum	10.7	5.9	8.4	42.9	47.7	>80.0	>80.0	>80.0	>80.0	>80.0	72.5	4.2
	Minimum	0.0	0.2	0.1	0.7	0.4	2.5	25.7	63.8	66.0	71.1	0.2	0.1
Bodentemperatur 20 cm	Monatsmittel	2.0	3.4	7.0	10.0	14.0	18.9	19.7	19.8	15.4	12.0	6.9	3.8
(°C)	Maximum	2.7	6.3	10.9	12.7	20.1	22.6	22.4	23.1	19.5	15.4	9.5	5.0
	Minimum	1.3	1.5	3.8	6.9	9.1	14.5	17.4	16.5	12.6	7.9	4.9	2.7
Bodentemperatur 35 cm	Monatsmittel	2.9	3.5	6.7	9.8	13.0	17.7	19.0	19.2	15.7	12.7	7.9	4.6
(°C)	Maximum	3.7	5.4	9.6	10.9	17.1	19.8	20.4	20.9	19.1	15.3	9.7	6.1
	Minimum	2.0	2.0	4.3	8.5	9.6	15.1	17.4	17.1	13.8	9.7	6.1	3.8
Lufttemperatur	Monatsmittel	-3.3	3.4	7.8	8.6	14.4	19.6	19.3	19.3	12.8	10.2	4.2	0.9
(°C)	Maximum	5.5	18.5	20.7	23.7	31.2	32.9	32.5	32.4	25.4	23.0	15.6	11.6
	Minimum	-14.6	-3.3	-1.6	-3.8	0.6	4.5	10.0	9.0	2.8	-0.4	-3.6	-8.5



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



Darstellung der Tagesmittelwerte; Lücken = keine Daten

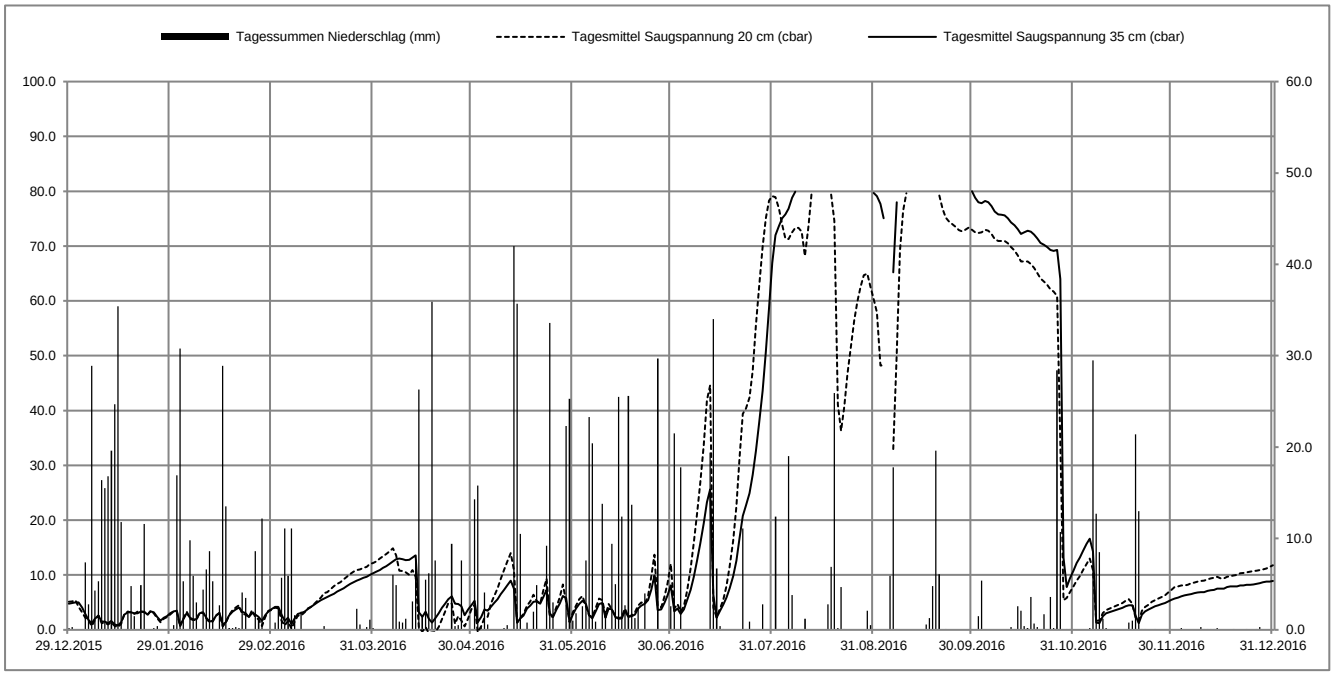
Bodenmesswerte	**Kestenholz** **Wiese**	Fluvisol
	Koordinaten 622778 / 236504, 450 müM	schwerer Boden

2016	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
Tag	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	5.0	0.0	0.8	30.8	4.2	0.8	10.6	0.0	5.3	14.3	3.9	1.8	3.4	21.5	72.0	12.4	79.1	0.0	78.8	0.0	12.2	0.0	5.7	0.0
2	4.1	0.0	1.9	5.3	4.2	2.3	10.9	0.0	1.4	15.8	4.7	0.0	3.9	0.0	73.7	0.0	77.7	0.0	78.0	1.5	13.2	0.0	5.9	0.0
3	2.9	7.4	3.1	0.0	2.8	5.7	11.3	0.0	2.4	0.3	5.3	2.6	2.9	17.8	75.1	0.0	75.1	0.0	77.8	5.4	14.4	0.0	6.1	0.2
4	1.8	2.8	2.2	9.8	1.6	11.1	11.6	0.0	3.7	4.1	4.7	7.6	3.7	0.0	75.8	0.0	-	0.0	78.2	0.0	15.7	0.0	6.3	0.0
5	1.2	28.9	1.9	5.9	2.2	5.9	12.0	0.0	3.5	0.6	2.7	23.3	5.4	0.0	76.8	19.0	-	5.9	78.0	0.0	16.6	0.2	6.4	0.0
6	2.0	4.3	1.9	3.0	1.1	11.1	12.5	6.0	4.2	0.0	2.1	20.4	7.3	0.0	78.8	3.8	65.2	17.8	77.3	0.0	14.3	29.5	6.5	0.0
7	2.6	5.3	3.0	0.0	2.1	1.6	12.9	4.9	4.9	0.0	3.3	0.9	9.7	0.0	79.9	0.1	78.0	0.1	76.3	0.0	1.3	12.7	6.7	0.0
8	1.5	16.4	3.2	4.4	2.9	0.1	13.0	0.9	5.6	0.0	4.7	0.0	12.6	0.0	-	0.0	-	0.0	75.8	0.0	1.2	8.5	6.8	0.0
9	1.5	15.5	2.2	6.6	3.1	2.0	12.9	0.8	6.5	0.0	4.9	13.8	15.7	0.0	80.0	0.0	-	0.0	75.7	0.0	2.5	1.2	6.9	0.3
10	1.2	16.8	1.5	8.6	3.3	0.0	12.7	1.2	7.3	0.2	2.2	1.5	19.4	0.0	-	1.2	-	0.0	75.6	0.0	3.0	0.2	6.9	0.1
11	1.6	19.6	1.7	5.3	3.8	0.0	12.8	0.0	8.1	0.5	3.9	0.1	23.3	0.0	-	0.0	-	0.0	75.1	0.0	4.0	0.0	7.1	0.1
12	1.0	24.7	2.6	0.0	4.2	0.0	13.2	3.1	9.0	0.0	3.7	9.4	25.6	19.4	-	0.0	-	0.0	74.3	0.3	4.3	0.0	7.2	0.1
13	0.8	35.4	3.1	2.7	4.6	0.0	13.6	7.7	7.5	42.0	2.3	5.0	6.4	34.0	-	0.0	-	0.0	73.8	0.1	4.5	0.8	7.3	0.1
14	1.4	11.8	1.0	28.9	5.0	0.0	3.2	26.3	1.3	35.7	2.0	25.5	2.2	6.7	-	0.0	-	0.0	73.1	2.6	4.5	1.0	7.5	0.2
15	2.8	0.0	1.4	13.5	5.4	0.0	2.4	1.6	2.1	10.5	2.1	12.4	3.5	0.4	-	0.0	-	0.0	72.2	2.1	2.6	21.4	7.5	0.0
16	3.2	2.1	2.6	0.2	5.7	0.4	3.3	5.5	2.6	0.1	3.5	2.7	4.6	0.1	-	0.0	-	0.6	72.5	0.4	1.2	13.0	7.5	0.0
17	3.2	4.8	3.3	0.2	6.0	0.0	2.0	6.2	3.9	0.8	2.4	25.6	5.9	0.0	-	2.8	-	1.3	72.8	0.2	2.8	0.1	7.8	0.0
18	3.0	1.5	3.7	0.3	6.3	0.0	1.3	35.9	4.4	0.0	2.5	13.7	7.6	0.0	-	6.9	-	4.8	72.6	3.6	3.4	0.1	7.9	0.0
19	3.0	0.0	4.1	0.2	6.6	0.0	2.1	7.6	5.1	2.0	2.8	1.3	9.8	0.0	-	25.9	-	19.6	72.1	0.7	3.7	0.0	7.9	0.1
20	3.3	4.9	3.3	4.1	7.0	0.0	3.0	0.0	5.2	4.9	3.9	2.3	12.6	0.0	-	0.2	-	6.1	71.4	0.3	4.0	0.0	7.9	0.0
21	3.3	11.6	3.0	3.5	7.3	0.0	4.0	0.0	4.8	0.0	4.4	0.1	16.8	0.0	-	4.7	-	0.0	70.6	0.0	4.3	0.1	8.1	0.0
22	2.8	0.0	2.3	0.0	7.6	0.0	4.8	0.0	6.0	0.0	4.8	4.0	20.8	11.1	-	0.1	-	0.1	70.2	1.7	4.5	0.0	8.1	0.0
23	3.4	0.0	3.1	0.0	8.0	0.0	5.6	0.0	7.3	9.2	5.4	0.0	22.7	0.1	-	0.0	-	0.0	69.8	0.0	4.7	0.0	8.2	0.1
24	3.2	0.2	2.8	8.6	8.4	0.1	6.1	9.4	3.0	33.6	7.3	0.0	24.9	0.9	-	0.0	-	0.0	69.3	3.6	4.9	0.0	8.2	0.0
25	2.3	0.4	2.4	1.3	8.7	0.0	4.8	0.4	2.3	3.0	9.9	0.0	28.3	0.0	-	0.0	-	0.0	69.1	0.2	5.2	0.0	8.3	0.0
26	1.7	0.1	1.6	12.2	9.0	2.3	4.7	0.5	3.7	0.1	3.6	29.7	32.6	0.0	-	0.0	-	0.0	69.3	28.4	5.5	0.0	8.4	0.1
27	2.2	0.0	2.7	0.0	9.2	0.6	4.3	7.6	4.8	0.0	3.7	0.0	37.7	0.0	-	0.0	-	0.0	64.0	10.7	12.2	0.0	8.5	0.3
28	2.5	0.0	3.4	0.0	9.5	0.1	2.7	0.0	6.2	0.0	4.9	0.0	43.6	2.8	-	0.0	-	0.0	13.1	0.0	13.2	0.0	8.7	0.0
29	3.0	0.0	3.8	0.0	9.7	0.3	3.7	0.0	5.8	22.3	6.3	0.0	50.7	0.0	-	2.1	-	0.0	7.8	0.1	14.4	0.0	8.8	0.0
30	3.4	0.5			10.0	1.1	4.5	0.0	1.4	25.3	8.1	2.6	58.7	0.0	-	0.5	80.0	0.0	9.4	0.1	15.7	0.0	8.8	0.0
31	3.5	16.9			10.3	0.2			2.8	1.0			66.9	0.0	79.7	0.0			10.8	0.0			8.9	0.0

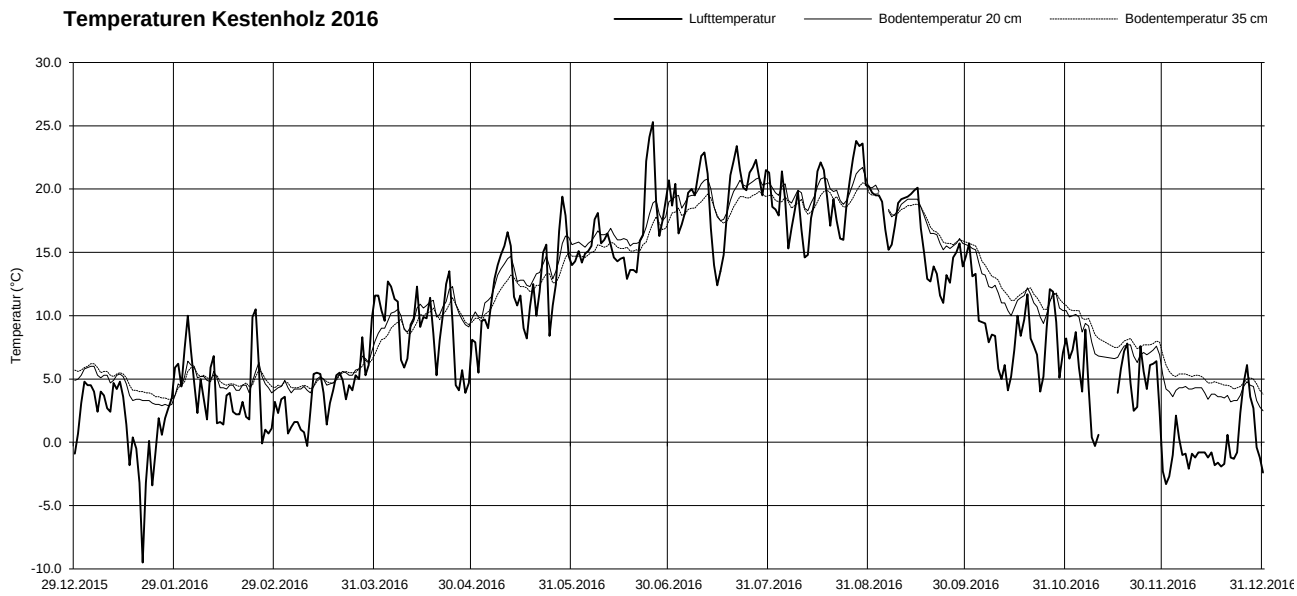
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm)

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	231.9	155.4	45.7	125.6	226.3	206.3	114.8	79.7	56.3	62.0	88.8	2.2
Saugspannung 20 cm	Monatsmittel	2.3	2.5	6.5	6.1	5.4	5.0	29.5	(64.9)	(67.4)	59.1	6.0	9.3
(cbar)	Maximum	4.2	4.5	12.2	14.9	14.0	13.7	79.1	(79.7)	(79.6)	73.0	13.0	11.8
	Minimum	0.5	0.6	0.2	-0.6	-0.4	2.1	2.3	(36.3)	(33.0)	5.4	1.6	5.1
Saugspannung 35 cm	Monatsmittel	2.5	2.5	5.8	7.4	4.6	4.2	19.0	(76.9)	(75.9)	65.3	6.1	7.3
(cbar)	Maximum	5.0	4.1	10.3	13.6	9.0	9.9	66.9	(80.0)	(80.0)	78.8	16.6	8.9
	Minimum	0.8	0.8	1.1	1.3	1.3	2.0	2.2	(72.0)	(65.2)	7.8	1.2	4.8
Bodentemperatur 20 cm	Monatsmittel	4.3	4.9	5.1	10.1	13.2	16.6	19.7	19.9	17.5	11.7	7.7	4.0
(°C)	Maximum	6.0	6.4	8.0	12.3	16.3	19.1	20.9	21.7	20.3	15.5	10.1	5.3
	Minimum	2.9	3.9	3.9	8.6	9.8	15.4	17.5	18.3	15.2	9.4	5.3	2.5
Bodentemperatur 35 cm	Monatsmittel	4.7	5.0	5.1	9.6	12.3	15.7	18.8	19.2	17.5	12.3	8.5	5.0
(°C)	Maximum	6.2	5.9	7.0	11.4	15.0	17.8	19.8	20.5	19.7	15.7	10.5	6.1
	Minimum	3.4	4.3	4.2	7.6	9.5	14.6	17.3	18.0	15.6	10.5	6.9	3.8
Lufttemperatur	Monatsmittel	1.8	3.9	4.1	8.9	12.4	16.6	19.5	19.1	16.2	8.5	4.7	-0.2
(°C)	Maximum	11.6	16.2	19.5	21.3	27.0	32.8	32.9	32.5	29.0	18.7	13.5	10.7
	Minimum	-14.5	-3.5	-4.9	-3.2	1.4	8.8	6.7	7.6	4.6	-1.8	-6.6	-6.3

( ) = Datengrundlage unvollständig



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



Darstellung der Tagesmittelwerte; Lücken = keine Daten

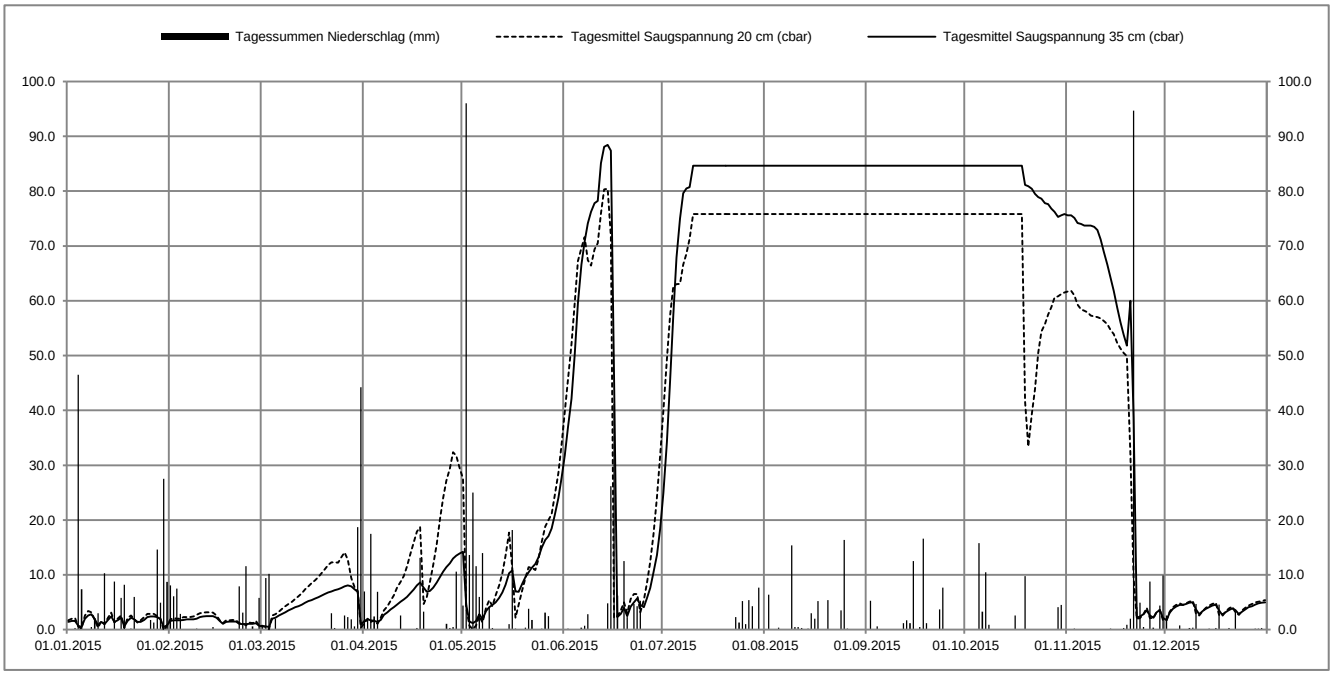
Bodenmesswerte	**Kestenholz** **Wiese**	Fluvisol
	Koordinaten 622778 / 236504, 450 müM	schwerer Boden

2015	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	1.4	0.0	1.6	8.1	0.6	0.5	1.6	7.0	14.2	4.4	31.8	0.0	24.9	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	75.6	0.0	1.8	2.6
2	1.6	0.0	1.7	6.1	0.6	9.4	1.9	1.9	4.6	96.0	36.9	0.2	34.2	0.0	(>80)	6.4	(>80)	5.3	(>80)	0.0	75.6	0.0	3.1	0.0
3	1.6	0.3	1.7	7.5	0.5	10.2	1.7	17.5	1.5	13.6	42.1	0.1	45.4	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	75.1	0.2	3.8	0.1
4	0.7	46.5	1.7	2.9	2.0	0.0	1.6	2.4	1.2	25.0	50.1	0.1	57.3	0.0	(>80)	0.0	(>80)	0.6	(>80)	0.1	74.2	0.0	4.2	0.1
5	0.5	7.4	1.8	0.0	2.2	2.0	1.4	6.9	1.6	11.6	59.5	0.0	67.9	0.0	(>80)	0.4	(>80)	0.0	(>80)	15.8	74.0	0.0	4.5	0.8
6	2.0	0.0	1.9	0.0	2.6	0.0	1.8	0.0	2.8	6.0	66.6	0.4	75.0	0.0	(>80)	0.0	(>80)	0.1	(>80)	3.3	73.7	0.0	4.5	0.1
7	2.6	0.0	1.9	0.0	2.9	0.0	2.7	0.0	1.9	14.0	70.8	0.7	79.6	0.0	(>80)	0.0	(>80)	0.1	(>80)	10.5	73.7	0.1	4.7	0.1
8	2.8	0.5	1.9	0.0	3.2	0.0	3.2	0.0	3.4	0.0	74.1	2.8	>80	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.9	73.7	0.0	4.9	0.3
9	1.9	2.1	2.0	0.2	3.5	0.0	3.7	0.0	4.1	4.1	76.2	0.0	>80	0.0	(>80)	15.4	(>80)	0.0	(>80)	0.0	73.5	0.0	5.0	0.4
10	0.8	3.0	2.3	0.0	3.8	0.0	4.1	0.0	4.5	0.3	77.8	0.1	>80	0.0	(>80)	0.5	(>80)	0.0	(>80)	0.0	72.9	0.0	3.7	4.7
11	1.4	0.1	2.4	0.0	4.1	0.0	4.6	0.0	5.0	0.0	78.2	0.0	(>80)	0.0	(>80)	0.5	(>80)	0.0	(>80)	0.0	71.2	0.0	2.8	0.1
12	1.0	10.3	2.5	0.0	4.3	0.0	5.1	2.6	5.8	0.0	85.1	0.0	(>80)	0.0	(>80)	0.3	(>80)	1.2	(>80)	0.0	68.9	0.1	3.4	0.0
13	1.8	0.0	2.5	0.0	4.6	0.0	5.5	0.0	6.8	0.0	88.1	0.1	(>80)	0.0	(>80)	0.0	(>80)	1.7	(>80)	0.0	66.6	0.1	3.8	0.0
14	2.4	0.0	2.5	0.5	4.9	0.0	6.0	0.0	8.2	0.0	88.4	4.8	(>80)	0.0	(>80)	0.2	(>80)	1.2	(>80)	0.0	64.2	0.2	4.1	0.2
15	1.4	8.8	2.2	0.0	5.2	0.0	6.6	0.0	10.3	1.0	87.4	26.2	(>80)	0.0	(>80)	3.0	(>80)	12.5	(>80)	0.0	61.8	0.0	4.4	0.1
16	1.7	0.0	1.6	0.0	5.4	0.0	7.3	0.0	10.8	18.2	45.8	41.2	(>80)	0.0	(>80)	2.0	(>80)	0.0	(>80)	2.6	58.7	0.0	4.6	0.3
17	2.2	5.8	1.1	0.0	5.7	0.0	8.1	0.3	7.0	0.2	2.3	6.2	(>80)	0.0	(>80)	5.2	(>80)	0.5	(>80)	0.1	56.1	0.0	3.5	4.6
18	0.6	8.2	1.4	0.0	5.9	0.0	8.6	13.1	6.9	0.0	2.9	0.0	(>80)	0.0	(>80)	0.0	(>80)	16.6	(>80)	0.0	53.8	0.3	2.7	0.1
19	1.6	0.0	1.5	0.0	6.2	0.0	7.7	3.3	8.4	0.0	4.0	12.5	(>80)	0.0	(>80)	0.0	(>80)	1.2	>80	9.8	51.8	0.9	3.2	0.0
20	2.2	0.2	1.5	0.0	6.5	0.0	6.9	0.0	9.6	0.4	2.5	2.3	(>80)	0.0	(>80)	5.4	(>80)	0.1	>80	0.0	60.0	2.0	3.6	0.3
21	1.9	6.0	1.5	0.0	6.8	0.0	7.1	0.0	10.5	3.8	4.2	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	>80	0.1	38.7	94.7	3.9	0.1
22	1.4	0.0	1.1	7.9	7.0	3.0	7.7	0.0	11.3	1.8	5.0	4.7	(>80)	0.0	(>80)	0.0	(>80)	0.0	79.5	0.0	2.2	4.1	3.6	3.3
23	1.4	0.0	1.0	3.1	7.2	0.3	8.6	0.0	12.0	0.0	5.7	4.3	(>80)	2.3	(>80)	0.0	(>80)	3.7	78.9	0.0	2.4	4.9	2.8	0.1
24	1.8	0.0	1.0	11.6	7.4	0.0	9.6	0.0	13.2	0.0	4.5	5.3	(>80)	1.3	(>80)	3.5	(>80)	7.7	78.6	0.0	2.8	0.5	3.3	0.1
25	2.3	0.0	1.1	0.1	7.6	0.0	10.6	0.0	15.0	0.2	4.1	0.0	(>80)	5.2	(>80)	16.4	(>80)	0.0	77.8	0.0	3.5	0.1	3.7	0.1
26	2.4	1.8	1.1	0.6	7.9	2.6	11.4	1.1	16.4	3.1	5.8	0.0	(>80)	1.0	(>80)	0.2	(>80)	0.0	77.6	0.0	2.6	8.8	4.1	0.0
27	2.4	1.3	1.2	0.0	8.1	2.3	12.1	0.3	17.1	2.5	7.6	0.0	(>80)	5.4	(>80)	0.0	(>80)	0.0	76.8	0.0	2.2	0.4	4.3	0.1
28	2.3	14.6	0.7	5.8	7.9	1.9	13.0	0.5	18.5	0.0	10.4	0.0	(>80)	4.3	(>80)	0.0	(>80)	0.0	76.2	0.1	3.2	0.0	4.6	0.2
29	1.9	4.9			7.4	0.6	13.5	10.6	21.0	0.0	13.6	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	75.3	4.1	3.6	4.4	4.8	0.2
30	0.5	27.5			6.9	18.7	13.9	0.0	24.0	0.0	18.4	0.0	(>80)	7.7	(>80)	0.0	(>80)	0.0	75.6	4.5	2.1	9.9	4.9	0.3
31	0.8	8.7			0.9	44.2			27.7	0.0			(>80)	0.0	(>80)	0.0			75.8	0.0			5.0	0.0

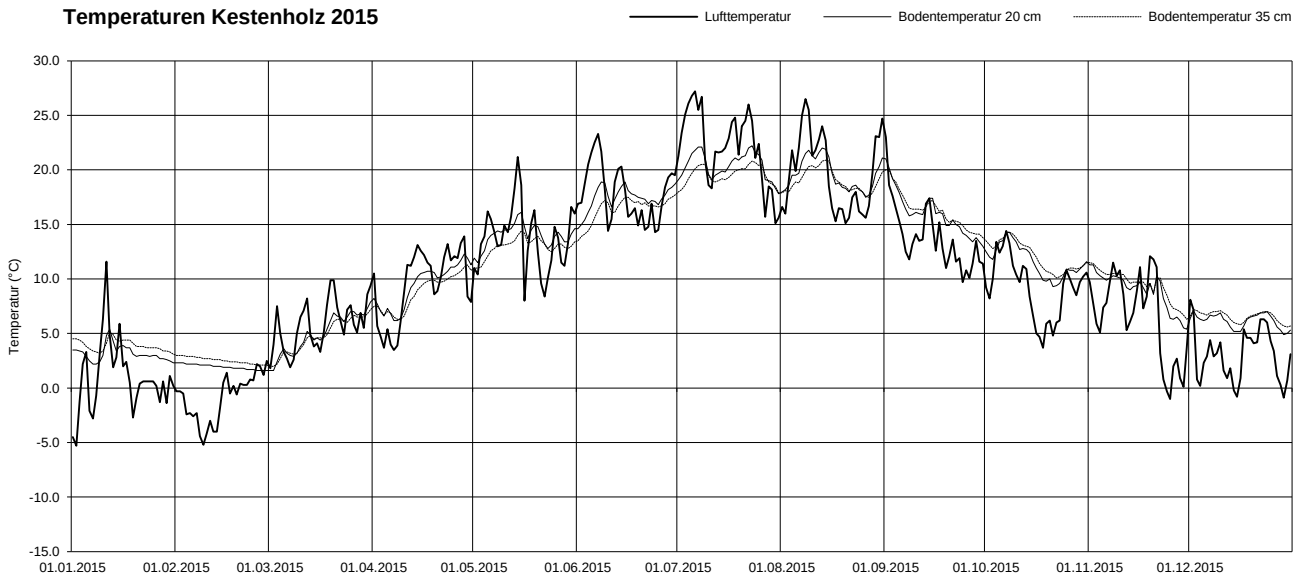
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm); ( ) = Datengrundlage unvollständig*

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	166.1	46.8	102.2	64.5	201.9	112.0	27.2	59.4	52.5	51.9	134.3	19.7
Saugspannung 20 cm	Monatsmittel	1.9	2.0	7.2	13.3	11.7	37.5	(65.9)	(>80.0)	(>80.0)	(52.8)	36.0	4.2
(cbar)	Maximum	3.6	3.4	14.4	35.9	44.0	81.7	(83.8)	(>80.0)	(>80.0)	(61.9)	62.1	5.7
	Minimum	-1.3	-0.5	-1.1	-0.9	-1.1	-0.1	(46.6)	(>80.0)	(>80.0)	(4.2)	-1.3	1.3
Saugspannung 35 cm	Monatsmittel	1.7	1.6	4.9	7.0	10.4	38.0	(69.5)	(>80.0)	(>80.0)	(77.8)	44.8	4.0
(cbar)	Maximum	3.1	2.6	8.2	14.5	36.0	88.7	(90.9)	(>80.0)	(>80.0)	(81.2)	78.4	5.3
	Minimum	-0.2	0.0	-0.1	0.2	0.4	0.4	(28.2)	(>80.0)	(>80.0)	(75.0)	0.1	2.4
Bodentemperatur 20 cm	Monatsmittel	3.1	1.9	5.2	9.5	14.0	17.6	20.4	19.7	15.7	11.6	8.8	6.1
(°C)	Maximum	5.8	2.3	8.6	13.1	17.1	20.3	23.7	23.3	21.5	14.7	11.5	7.4
	Minimum	2.1	1.5	1.5	5.4	11.1	14.4	16.4	16.3	12.1	8.7	0.0	4.8
Bodentemperatur 35 cm	Monatsmittel	3.9	2.5	5.0	8.9	13.0	16.6	19.5	19.1	16.1	12.0	9.3	6.5
(°C)	Maximum	5.2	3.0	7.7	11.5	14.6	18.2	21.1	21.2	20.4	14.4	11.5	7.4
	Minimum	3.0	2.0	2.0	6.1	10.9	13.8	17.6	17.1	13.3	10.0	0.0	5.5
Lufttemperatur	Monatsmittel	1.1	-0.9	6.0	9.5	13.9	18.0	22.0	19.9	13.3	9.2	6.5	2.9
(°C)	Maximum	13.8	8.5	18.1	23.0	28.5	32.2	36.6	37.7	26.1	20.7	19.0	11.1
	Minimum	-10.8	-12.1	-4.2	-3.1	3.2	5.8	7.5	7.5	3.2	-0.6	-4.8	-2.3

( ) = Datengrundlage unvollständig*



*12. Juli - 18. Oktober 2015: Aufgrund extremer Trockenheit konnte die Saugspannung nicht gemessen werden.



Darstellung der Tagesmittelwerte; Lücken = keine Daten

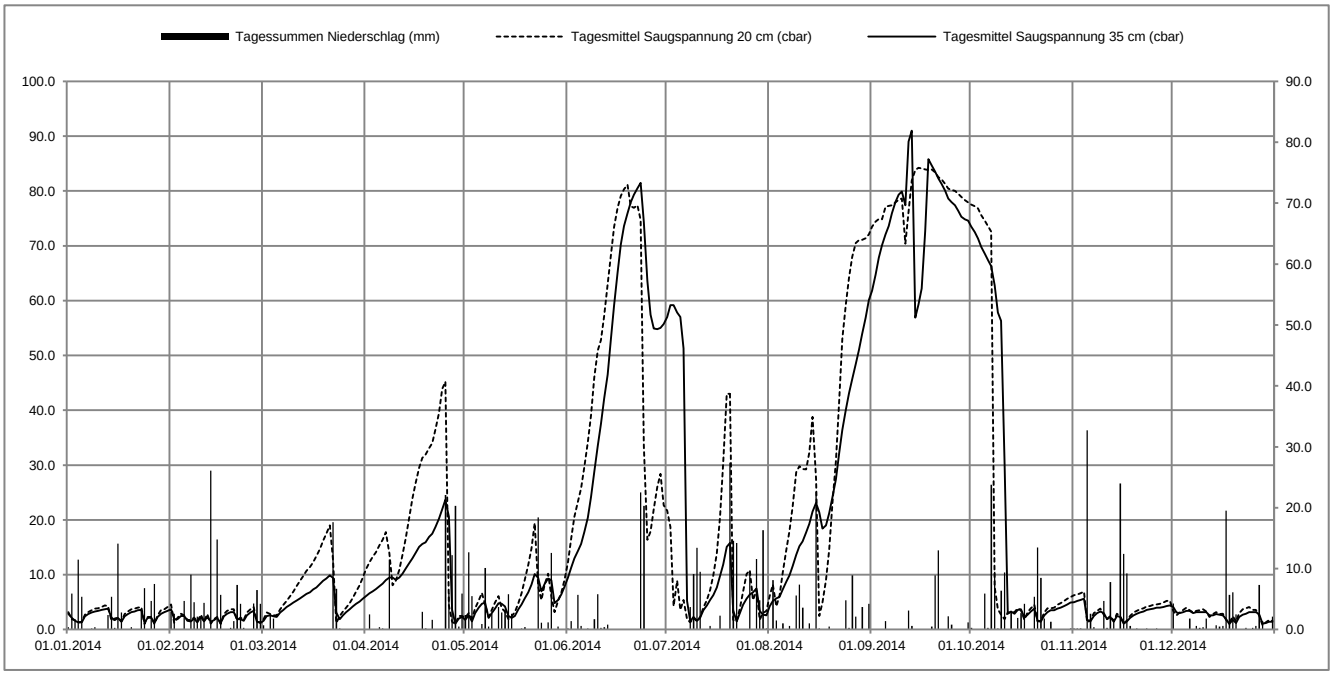
Bodenmesswerte	**Kestenholz** **Wiese**	Fluvisol
	Koordinaten 622778 / 236504, 450 müM	schwerer Boden

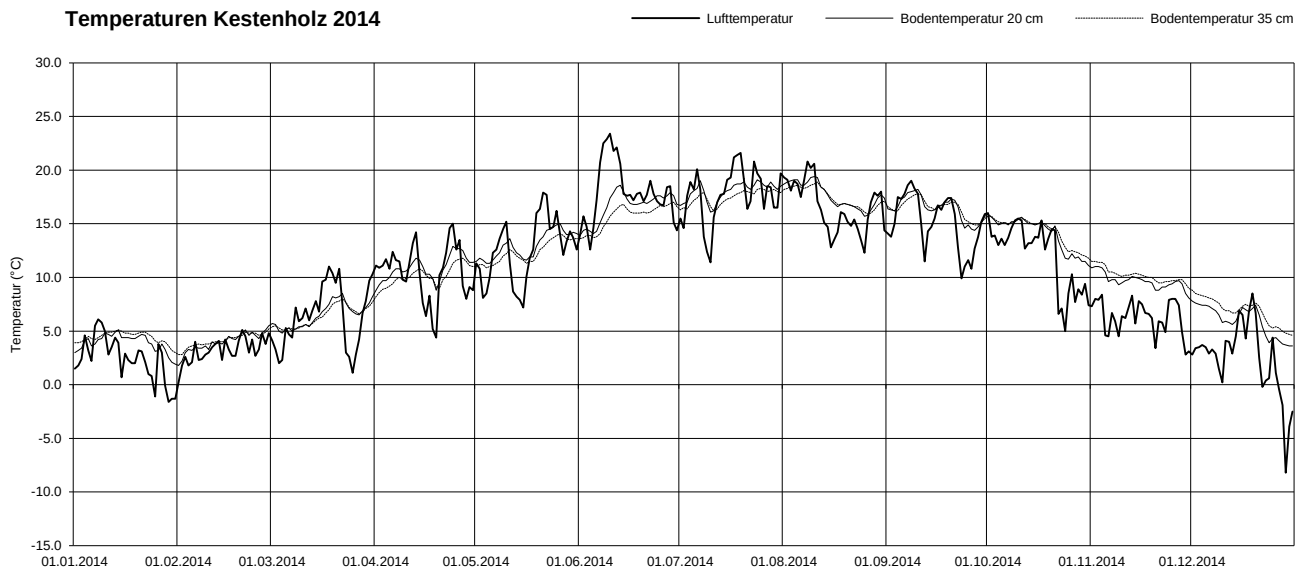
2014	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	2.9	0.4	3.7	2.9	1.6	0.7	6.1	0.0	1.8	2.4	9.5	0.2	57.0	-	4.2	0.0	61.8	0.1	73.5	0.3	5.0	0.2	4.1	4.3
2	2.1	5.9	1.9	2.6	2.5	0.0	6.6	2.5	2.6	12.7	11.3	1.4	59.2	-	5.2	8.1	64.7	0.0	72.5	0.0	5.2	0.2	3.1	0.1
3	1.6	1.4	1.9	0.0	2.6	2.6	7.0	0.0	1.5	5.5	13.0	0.0	59.2	-	5.7	1.5	67.8	0.0	71.3	0.0	5.4	0.2	3.0	0.0
4	1.3	11.5	2.5	0.0	2.4	1.8	7.4	0.0	3.0	0.0	14.3	5.7	57.8	-	6.0	0.0	70.1	0.0	69.8	0.0	5.6	0.0	3.2	0.1
5	1.3	5.4	2.5	4.7	2.3	0.0	7.9	0.4	4.0	0.0	15.6	0.6	57.0	-	7.3	1.0	72.1	1.4	68.6	5.9	1.8	32.7	3.4	0.0
6	2.4	0.0	1.6	0.0	3.1	0.0	8.4	0.2	4.7	0.9	17.8	0.0	51.3	-	8.7	0.0	73.6	0.0	67.4	0.3	1.5	2.6	3.4	1.8
7	2.8	0.0	1.5	9.0	3.6	0.0	9.0	0.0	4.9	10.1	20.4	0.2	5.2	-	9.9	0.6	75.9	0.0	66.3	23.8	2.5	0.4	3.0	0.0
8	3.1	0.2	2.0	4.5	4.1	0.0	9.5	11.5	2.1	0.5	24.2	0.0	1.5	3.7	11.6	0.0	78.0	0.0	62.8	9.5	3.0	0.1	3.2	0.6
9	3.3	0.4	1.3	2.1	4.5	0.0	9.5	0.0	3.0	2.6	28.7	1.7	2.3	9.1	13.6	5.6	79.3	0.0	57.8	0.2	3.3	0.1	3.2	0.3
10	3.4	0.0	2.3	1.8	4.9	0.0	9.1	0.0	3.8	0.1	33.5	5.8	1.6	13.4	15.2	7.4	79.9	0.0	56.3	6.4	3.0	4.7	3.2	0.4
11	3.6	0.1	1.5	4.4	5.3	0.0	9.5	0.0	4.8	3.7	37.5	0.3	2.2	9.5	16.1	3.6	77.4	0.0	30.2	9.4	1.9	0.3	3.2	1.8
12	3.7	0.1	2.3	0.0	5.7	0.0	10.2	0.0	4.7	2.8	42.1	0.4	3.5	0.0	17.7	0.0	89.0	3.1	2.9	0.0	2.3	7.8	2.6	0.0
13	3.8	2.4	1.4	26.1	6.1	0.0	11.1	0.0	4.2	3.3	46.5	0.8	4.4	0.1	19.3	1.0	91.0	0.6	3.3	3.0	1.4	1.7	2.6	0.0
14	2.2	5.4	1.7	0.1	6.5	0.0	12.1	0.0	2.5	5.8	52.9	0.1	5.4	0.6	21.5	0.0	56.9	0.0	2.9	0.1	2.5	0.1	2.8	0.7
15	1.7	0.3	2.1	14.8	6.8	0.0	13.0	0.0	2.1	2.6	59.1	0.1	6.3	0.0	23.1	22.6	59.3	0.0	3.6	1.9	2.3	24.0	2.7	0.5
16	2.1	14.1	1.2	5.7	7.3	0.0	14.0	0.0	2.5	0.0	65.1	0.0	7.7	0.0	21.4	0.2	62.2	0.0	3.7	2.7	1.1	12.4	2.6	0.6
17	1.4	2.8	2.4	0.0	7.7	0.0	15.1	0.0	3.7	0.0	70.2	0.0	9.8	2.3	18.4	0.1	72.7	0.0	2.2	4.2	1.5	9.2	1.9	19.5
18	2.4	0.0	2.9	0.1	8.3	0.0	15.6	2.9	4.6	0.2	73.6	0.0	11.9	0.0	19.0	0.0	85.8	0.0	2.7	0.1	2.1	0.6	1.0	5.7
19	2.8	0.0	3.2	0.3	8.9	0.0	15.9	0.2	5.7	0.4	75.9	0.0	15.1	0.0	21.2	0.5	84.7	0.5	3.3	0.1	2.6	0.1	1.8	6.1
20	3.2	0.4	3.2	1.4	9.3	0.0	16.9	0.0	6.8	0.0	77.9	0.1	15.8	27.4	24.1	0.0	83.5	8.9	3.8	5.4	2.9	0.2	1.2	2.5
21	3.3	0.1	1.9	7.3	9.9	0.0	17.5	1.6	8.2	0.1	79.3	0.1	3.5	14.6	27.4	0.0	82.3	13.0	1.6	13.5	3.1	0.0	2.3	0.0
22	3.5	0.0	1.9	4.2	9.4	17.6	18.7	0.0	10.1	0.1	80.5	0.0	1.5	14.2	32.1	0.0	81.3	0.0	1.4	8.5	3.3	0.1	2.7	0.0
23	3.6	3.4	1.6	0.3	3.1	6.7	20.2	0.0	9.4	18.4	81.5	22.5	3.0	0.0	36.4	0.0	80.1	0.0	2.6	1.8	3.6	0.2	2.9	0.3
24	1.3	6.8	2.6	0.1	1.9	0.2	21.9	0.0	7.0	1.1	74.3	20.3	4.5	0.0	40.1	4.8	78.6	2.2	3.2	0.0	3.7	0.0	3.2	0.0
25	2.1	0.0	3.1	0.0	2.6	0.1	23.7	22.1	8.3	0.0	63.6	-	5.6	0.0	43.1	0.3	78.0	0.8	3.5	1.3	3.8	0.1	3.2	0.3
26	2.2	4.7	3.4	4.3	3.2	0.0	20.6	6.0	9.3	1.2	57.4	-	6.4	9.3	45.7	8.9	77.4	0.0	3.5	0.1	4.0	0.2	3.2	0.6
27	1.2	7.5	1.5	6.5	3.7	0.0	3.6	12.2	9.0	12.6	54.9	-	6.8	0.0	48.4	2.1	76.4	0.0	3.8	0.1	4.0	0.1	2.8	7.3
28	2.3	0.0	1.2	4.2	4.2	0.0	1.1	20.3	4.8	0.0	54.8	-	7.5	11.6	51.0	0.0	75.3	0.0	4.0	0.0	4.1	0.0	1.1	1.4
29	2.9	0.0			4.7	0.0	2.0	0.5	5.4	0.5	55.0	-	3.4	4.8	53.9	3.7	74.8	0.1	4.3	0.0	4.3	0.0	1.2	0.0
30	3.2	0.0			5.1	0.0	2.3	5.9	6.4	0.0	55.7	-	2.7	16.3	56.9	0.0	74.6	1.2	4.6	0.1	4.4	0.0	1.4	0.0
31	3.4	0.0			5.6	0.0			7.8	0.0			2.6	0.2	60.1	4.2			4.9	0.2			1.4	2.1

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm); 26.06.14 – 08.07.14 Ausfall Niederschlagsmessungen; 1.09.14 – 14.10.14 sehr hohe Messwerte Tensiometer, evtl. Störungen Bodengefüge durch Mäusegänge.

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	73.3	107.4	29.7	86.3	87.6	(60.3)	(137.1)	76.2	31.9	(98.9)	98.3	57.0
Saugspannung 20 cm	Monatsmittel	2.8	2.4	7.7	19.3	6.1	46.9	9.8	33.3	(79.3)	(20.0)	3.7	2.8
(cbar)	Maximum	4.6	5.1	20.1	50.2	22.3	81.3	53.1	72.9	(84.4)	(77.7)	7.1	5.5
	Minimum	-0.9	-1.1	-0.1	0.0	-0.1	10.4	-0.4	0.4	(16.3)	(-0.1)	-0.6	-0.5
Saugspannung 35 cm	Monatsmittel	2.6	2.2	5.1	11.5	5.1	48.2	15.5	25.3	(76.2)	(24.6)	3.2	2.6
(cbar)	Maximum	3.8	3.8	10.4	25.7	11.1	81.8	59.8	61.5	(91.3)	(74.1)	5.7	4.5
	Minimum	-0.1	0.0	1.1	0.5	0.4	8.7	0.4	3.7	(25.1)	(0.4)	0.0	-0.1
Bodentemperatur 20 cm	Monatsmittel	3.9	4.0	6.5	10.9	13.0	16.6	18.0	17.7	16.4	14.1	9.7	6.0
(°C)	Maximum	5.1	6.0	9.1	14.4	15.5	19.5	19.7	19.9	18.8	16.5	11.4	8.1
	Minimum	1.9	1.7	4.3	8.1	10.3	13.3	15.6	15.4	13.9	10.8	8.0	3.5
Bodentemperatur 35 cm	Monatsmittel	4.4	4.1	6.3	10.1	12.3	15.7	17.5	17.5	16.4	14.3	10.2	6.9
(°C)	Maximum	5.2	5.4	8.1	12.0	14.2	17.1	18.4	19.0	18.4	15.9	11.7	8.9
	Minimum	2.9	2.7	4.9	8.0	10.7	13.3	16.1	15.9	14.7	11.7	8.9	4.5
Lufttemperatur	Monatsmittel	2.4	3.2	6.3	10.5	12.5	17.9	17.7	16.6	15.1	12.1	6.3	2.4
(°C)	Maximum	12.6	11.2	21.1	21.5	26.6	34.3	32.3	27.7	27.2	22.3	13.8	12.2
	Minimum	-5.1	-4.7	-3.2	-0.1	0.2	5.2	6.6	7.1	3.4	1.3	0.6	-15.9

( ) = Datengrundlage unvollständig





Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte **Kestenholz** **Wiese** Fluvisol

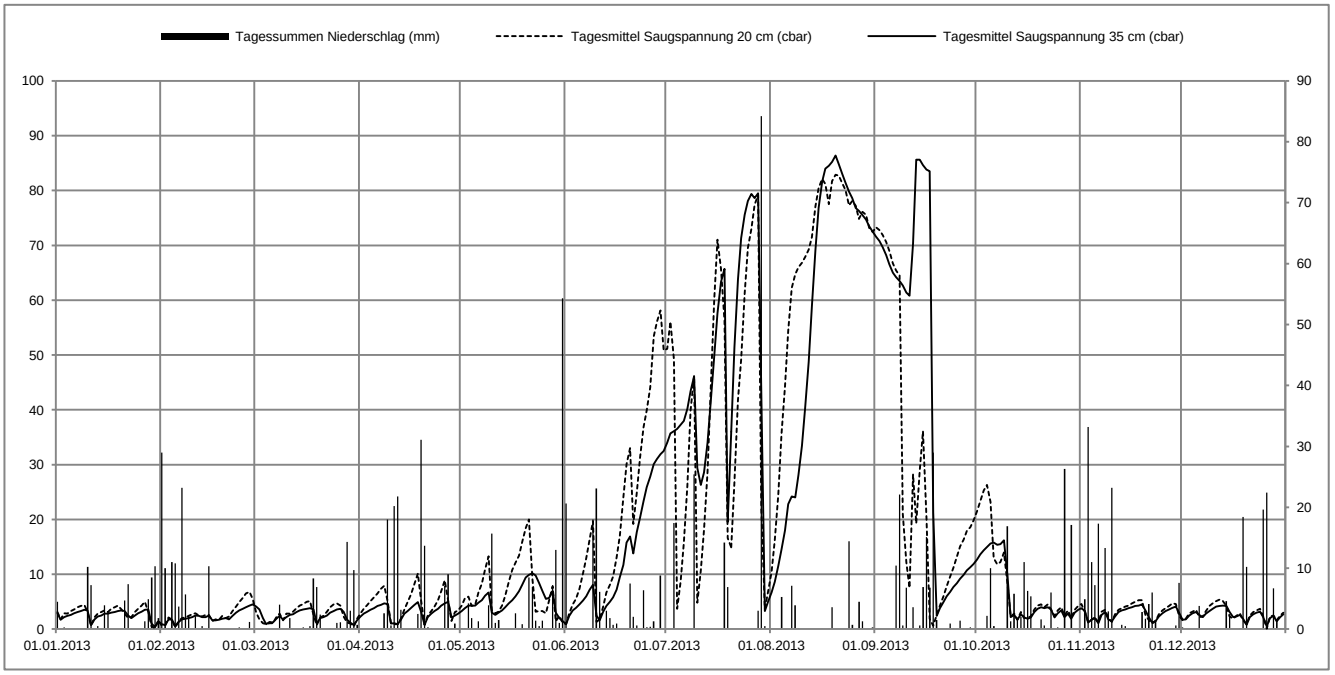
Koordinaten 622778 / 236504, 450 müM schwerer Boden

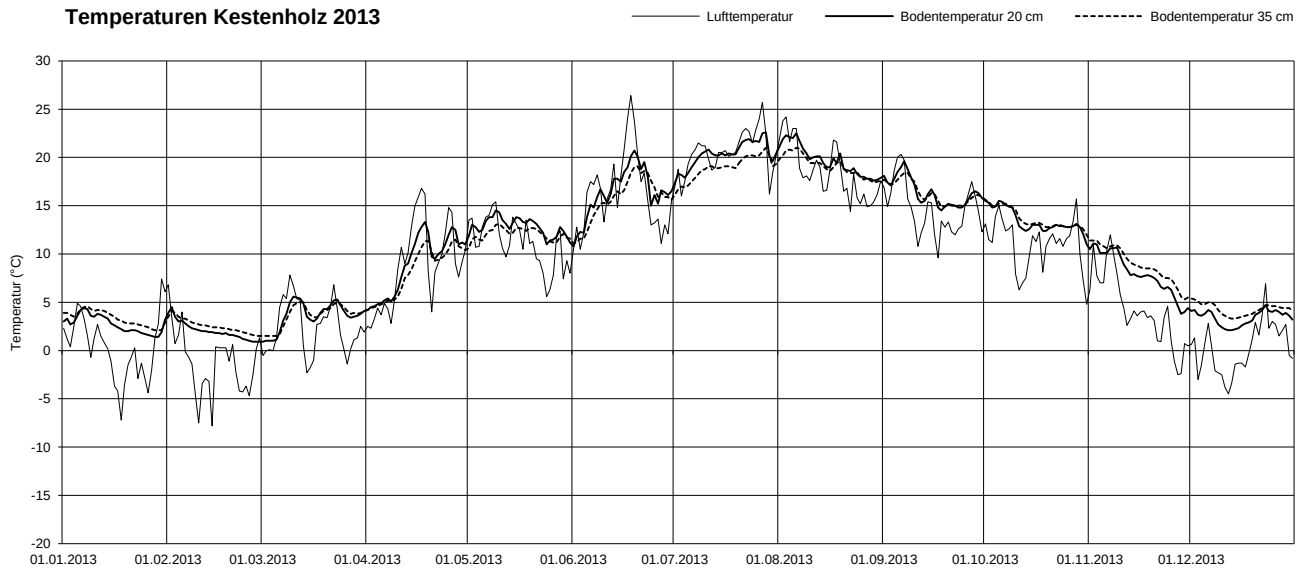
2013	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	2.9	4.5	0.9	29.0	4.1	0.0	2.3	0.0	3.3	0.2	0.9	20.6	34.0	0.0	6.7	0.0	71.6	0.0	12.7	0.0	3.8	0.0	1.7	0.3
2	1.7	0.0	0.7	10.0	3.6	0.0	2.8	0.0	3.8	0.2	2.4	0.2	35.7	0.0	8.6	0.0	70.8	0.0	13.6	0.0	3.3	4.9	1.8	0.0
3	2.2	0.3	1.8	0.2	2.0	0.0	3.2	0.0	4.3	4.2	3.4	0.0	36.1	17.4	11.5	0.0	69.7	0.0	14.4	0.0	1.2	33.2	2.5	0.0
4	2.4	0.0	1.7	11.0	0.9	0.0	3.5	0.0	4.3	1.8	3.9	0.0	36.5	0.1	14.5	5.3	68.2	0.0	15.0	2.2	1.7	11.0	2.9	0.0
5	2.6	0.0	0.5	10.8	1.3	0.0	3.8	0.0	4.3	0.1	4.5	0.0	37.3	0.0	18.0	0.0	66.5	0.0	15.6	10.0	2.0	7.2	3.1	0.0
6	2.9	0.0	1.3	3.7	1.2	0.0	4.2	0.0	4.8	1.3	5.2	0.0	38.0	0.0	22.8	0.0	65.0	0.2	15.8	0.5	1.1	17.3	2.6	3.8
7	3.1	0.0	1.8	23.2	1.9	0.0	4.4	0.0	5.3	0.1	6.0	0.0	40.2	0.0	24.2	7.1	64.2	10.4	15.4	0.0	2.6	0.0	2.2	0.0
8	3.3	0.0	1.9	5.7	2.4	4.0	4.7	2.6	6.1	0.0	7.2	0.0	43.4	0.0	24.0	3.9	63.5	22.1	15.5	0.0	3.1	13.3	2.8	0.0
9	3.5	0.1	2.0	2.2	1.7	0.1	4.6	18.0	6.7	3.9	8.1	18.0	46.1	25.4	28.1	0.2	62.7	0.6	16.2	0.0	1.8	2.9	3.3	0.1
10	3.4	10.2	2.2	0.0	2.2	0.1	1.0	0.6	3.0	15.7	2.5	23.1	29.4	0.0	33.5	0.0	61.4	6.8	9.7	16.9	1.4	23.2	3.7	0.0
11	0.7	7.2	2.5	2.1	2.6	1.8	1.1	20.2	2.6	1.0	1.6	6.1	26.3	0.0	40.4	0.0	60.8	0.0	2.2	1.3	2.3	0.0	4.1	0.0
12	1.8	0.0	2.4	0.0	2.7	0.1	0.9	21.8	3.0	1.5	3.2	0.0	28.6	0.0	48.7	0.0	70.3	3.6	2.6	5.8	3.1	0.0	4.2	0.0
13	2.3	0.5	2.2	0.5	3.1	0.0	1.7	3.2	3.4	0.0	4.2	3.0	34.0	0.0	58.9	0.0	85.6	0.0	1.7	1.6	3.4	0.7	4.3	0.0
14	2.5	0.0	2.2	0.0	3.4	0.0	2.8	0.0	4.0	0.0	5.0	1.8	41.5	0.0	69.1	0.0	85.6	0.6	2.7	2.0	3.6	0.5	4.2	4.6
15	2.8	3.9	2.5	10.3	3.6	0.3	3.3	0.0	4.7	0.1	5.8	0.7	49.8	0.0	76.8	0.0	84.6	6.9	2.1	11.0	3.8	0.2	3.1	2.4
16	2.8	2.8	1.6	0.1	3.7	0.0	3.9	0.0	5.3	0.0	7.2	0.9	57.6	0.0	81.6	0.1	83.8	15.1	1.9	6.3	4.0	0.0	2.2	0.0
17	3.0	0.0	1.6	0.0	3.8	0.5	4.4	0.0	6.0	2.6	9.5	0.0	63.3	0.0	84.0	0.0	83.5	6.8	2.1	5.4	4.2	0.0	2.3	0.0
18	3.1	0.0	1.7	0.0	3.6	8.3	4.9	2.5	6.9	0.1	11.7	0.0	65.7	14.2	84.5	0.1	21.3	29.0	3.1	0.1	4.3	0.0	2.6	0.2
19	3.3	0.0	1.9	0.0	1.0	6.9	3.2	31.1	8.1	0.8	15.8	0.0	19.5	6.9	85.2	3.6	2.4	1.5	3.7	0.0	4.5	2.8	1.9	18.4
20	3.4	0.0	2.0	0.0	2.0	2.4	0.8	13.7	9.4	0.0	16.9	7.5	36.0	0.0	86.4	0.0	3.8	0.0	4.0	1.6	3.4	1.7	0.8	10.2
21	3.3	4.7	1.8	0.0	2.2	0.0	2.2	0.3	9.9	8.5	13.8	2.0	51.4	0.0	84.8	0.0	4.9	0.0	3.8	0.6	2.1	4.1	2.2	0.1
22	2.5	7.4	2.4	0.0	2.5	0.0	2.8	0.2	10.2	6.9	17.7	0.6	63.7	0.0	83.0	0.0	6.0	0.1	4.0	0.2	1.2	6.0	2.7	0.0
23	2.0	0.1	3.0	0.0	3.0	0.2	3.3	0.0	9.8	1.4	20.3	0.0	71.3	0.0	81.4	0.0	6.8	0.9	3.6	6.0	1.5	1.5	3.0	0.0
24	2.5	0.0	3.4	0.3	3.3	0.0	3.7	0.0	8.4	0.5	23.3	6.4	75.6	0.0	79.8	14.4	7.7	0.2	2.1	0.0	2.3	0.0	3.2	0.1
25	2.9	0.0	3.7	0.0	3.6	1.0	4.3	0.0	7.0	1.4	25.9	0.3	78.1	0.0	78.6	0.7	8.4	0.1	2.9	0.3	2.9	0.0	2.2	19.6
26	3.2	0.0	4.0	0.0	3.7	1.1	4.7	7.1	5.5	0.1	27.8	0.4	79.4	0.0	76.8	0.0	9.2	1.4	3.4	0.1	3.3	0.1	0.5	22.4
27	3.5	1.3	4.3	1.2	3.2	0.1	5.0	9.0	5.7	0.0	30.1	1.3	78.6	0.0	76.3	4.5	9.9	0.1	2.2	26.3	3.6	0.0	2.0	0.0
28	3.6	4.9	4.5	0.1	1.7	14.3	2.1	0.1	7.0	7.2	31.0	0.0	79.5	3.0	75.5	1.3	10.7	0.1	2.8	0.2	3.9	0.0	2.4	6.7
29	1.0	8.5			1.2	3.0	2.5	0.9	3.0	13.0	31.9	8.8	43.0	84.2	74.7	0.0	11.3	0.3	1.9	17.1	4.1	0.6	1.4	1.5
30	0.4	10.3			0.7	9.7	2.8	0.0	2.0	1.0	32.5	0.0	3.3	0.5	73.5	0.0	11.9	0.0	3.0	0.0	3.0	7.6	2.2	0.2
31	1.4	1.8			1.6	0.7			1.5	54.3			5.0	0.0	72.5	0.3			3.5	0.0			2.7	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	68.5	110.4	54.6	131.3	127.9	101.7	151.7	41.5	106.8	115.5	138.8	90.7
Saugspannung 20 cm	Monatsmittel	3.0	2.8	2.7	4.6	7.2	21.7	39.0	66.9	29.1	7.9	3.2	2.8
(cbar)	Maximum	5.5	6.9	5.3	11.2	20.4	59.2	80.6	84.0	73.6	27.6	5.5	5.6
	Minimum	-0.4	-0.5	-0.5	-0.2	-0.3	-0.2	-0.1	8.4	-0.2	-0.4	-0.9	-0.7
Saugspannung 35 cm	Monatsmittel	2.6	2.2	2.5	3.2	5.5	12.7	45.7	57.0	44.5	6.6	2.9	2.6
(cbar)	Maximum	3.8	4.7	4.5	5.4	10.5	33.9	79.8	86.8	86.3	17.6	4.6	4.4
	Minimum	-0.2	-0.2	0.0	0.1	0.2	0.2	0.5	5.9	0.5	0.1	0.0	-0.1
Bodentemperatur 20 cm	Monatsmittel	2.7	2.0	3.6	9.0	12.9	16.9	20.3	19.8	16.4	13.4	8.0	3.4
(°C)	Maximum	4.6	4.8	6.2	14.2	15.0	22.3	24.2	23.3	20.6	15.9	11.6	5.0
	Minimum	1.3	0.8	0.9	3.7	10.9	10.9	16.0	16.5	14.0	10.7	3.6	2.1
Bodentemperatur 35 cm	Monatsmittel	3.3	2.5	3.6	8.2	12.1	15.7	18.9	19.1	16.3	13.6	8.9	4.3
(°C)	Maximum	4.6	4.2	5.2	11.7	13.2	19.3	21.2	21.2	18.7	15.7	11.7	5.5
	Minimum	2.0	1.5	1.5	4.1	10.4	11.0	15.8	17.2	14.7	11.7	5.3	3.3
Lufttemperatur	Monatsmittel	0.3	-1.2	2.3	8.8	11.1	16.3	20.5	19.2	14.7	11.0	4.2	0.2
(°C)	Maximum	10.6	8.4	13.7	25.2	23.2	33.2	35.8	32.3	29.5	21.1	16.4	11.4
	Minimum	-11.7	-17.3	-7.8	-1.6	2.2	4.6	7.9	8.3	5.8	0.7	-5.8	-6.3

( ) = Datengrundlage unvollständig





Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte **Kestenholz** **Wiese** Fluvisol

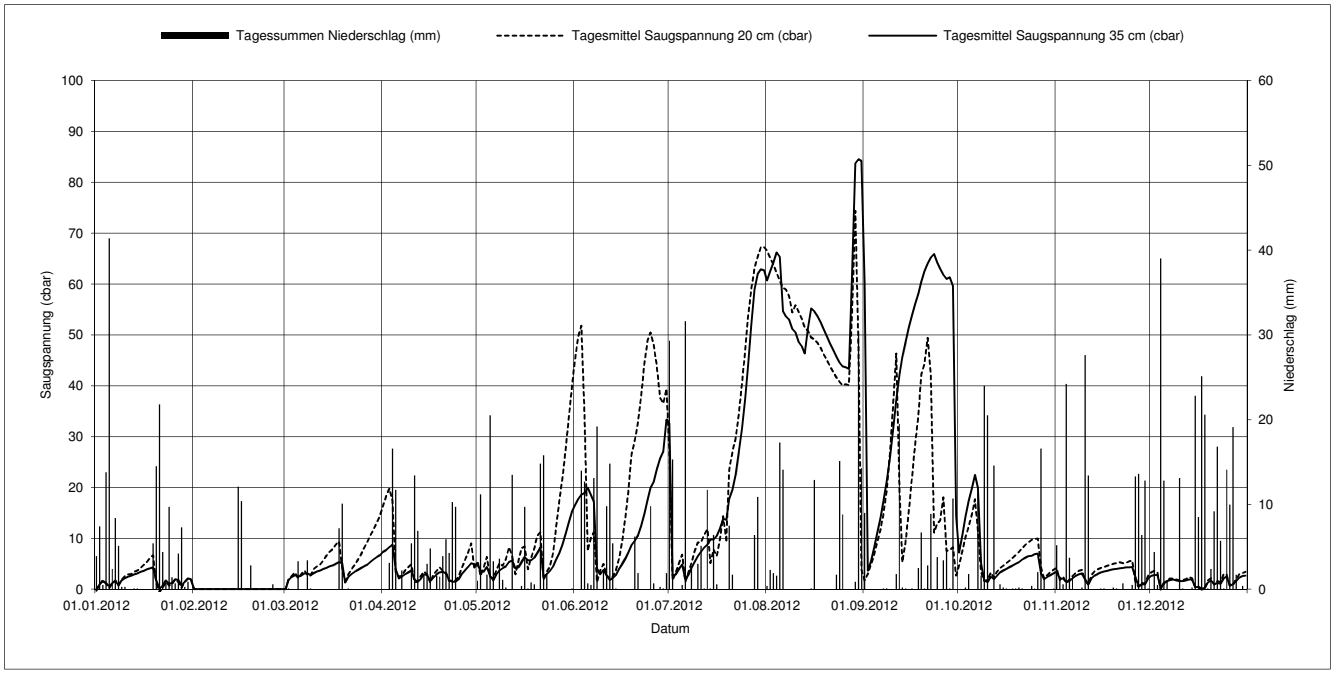
Koordinaten 622778 / 236504, 450 müM schwerer Boden

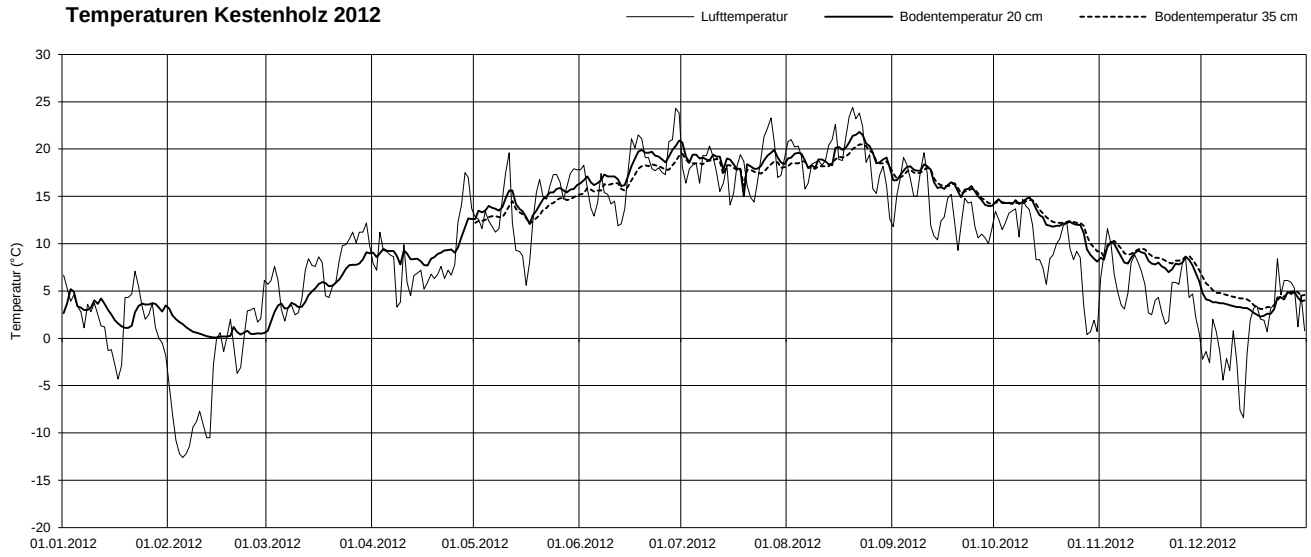
2012	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	0.1	3.9	-	0.0	-	0.0	7.3	0.0	4.8	1.0	16.5	0.0	32.5	29.3	60.7	0.4	60.3	9.0	7.2	0.0	3.4	5.2	2.6	0.0
2	1.0	7.4	-	0.0	1.8	0.1	7.7	0.0	3.7	11.2	17.7	0.0	2.7	15.3	62.5	2.3	3.6	0.0	10.5	0.0	2.1	1.5	2.8	4.4
3	1.6	0.5	-	0.0	2.4	0.0	8.3	3.1	3.4	0.0	18.6	14.0	2.9	0.0	64.2	1.9	5.5	0.0	14.2	0.2	2.1	0.6	2.8	0.5
4	1.2	13.8	-	0.0	2.8	0.0	8.8	16.6	4.4	1.7	18.9	12.7	4.0	0.0	66.2	1.6	8.2	0.0	17.3	1.8	1.4	24.2	0.2	39.0
5	0.6	41.4	-	0.0	2.5	3.3	3.9	11.7	2.6	20.5	20.0	0.7	4.9	0.5	65.3	17.3	11.2	0.0	19.8	0.0	1.6	3.7	1.2	12.8
6	1.2	2.4	-	0.0	2.7	0.0	2.1	0.0	1.7	3.3	18.5	0.5	1.9	31.6	54.6	14.1	14.1	0.0	22.5	0.0	2.2	1.6	1.6	1.0
7	1.6	8.4	-	0.0	3.1	0.0	2.5	2.2	3.0	0.0	17.2	13.1	2.9	0.0	53.6	0.0	17.4	0.1	19.9	11.4	2.6	0.0	1.8	0.0
8	0.8	5.1	-	0.0	3.1	3.4	2.9	0.0	3.7	3.6	4.0	19.2	4.2	2.4	53.0	0.0	21.2	0.1	5.0	1.6	2.9	0.0	1.9	0.0
9	1.7	0.3	-	0.0	2.8	0.1	3.3	0.0	4.1	1.1	2.9	0.0	5.4	0.0	51.2	0.0	25.7	0.0	1.7	24.0	3.1	0.2	1.7	0.0
10	2.2	0.3	-	0.0	3.2	0.0	3.7	5.4	4.5	0.2	3.8	2.3	6.5	3.0	50.5	0.0	31.3	0.0	1.4	20.5	2.0	27.6	1.6	13.1
11	2.5	0.0	-	0.0	3.5	0.0	1.9	13.4	5.4	0.0	2.7	9.8	7.4	5.1	48.6	0.0	37.3	1.8	2.5	0.0	0.9	13.4	1.6	0.1
12	2.7	0.0	-	0.0	3.7	0.0	1.5	6.9	5.6	13.5	1.8	14.8	8.2	0.1	47.7	0.0	42.2	19.5	2.0	14.6	2.2	0.0	1.7	0.0
13	2.9	0.1	-	0.0	4.0	0.0	2.0	0.0	4.1	0.0	2.2	5.4	8.8	11.7	46.3	0.0	45.7	0.2	2.6	0.0	2.7	0.0	1.9	0.0
14	3.1	0.1	-	0.1	4.2	0.0	2.9	1.6	4.3	0.0	2.8	0.1	9.8	0.1	51.3	0.0	48.6	0.1	3.3	0.6	3.0	0.0	1.9	0.2
15	3.4	0.0	-	12.1	4.5	0.0	2.8	3.0	5.3	0.4	4.0	0.0	9.8	6.4	55.2	0.1	51.4	0.0	3.7	0.2	3.3	0.1	0.4	22.8
16	3.6	0.0	-	10.4	4.7	0.0	1.6	4.8	6.3	9.7	5.0	0.0	10.5	0.6	54.6	12.9	53.8	0.1	4.0	0.1	3.5	0.1	0.5	8.5
17	3.9	0.0	-	0.0	5.0	0.0	2.3	0.0	5.7	0.1	6.1	0.0	11.9	0.0	53.7	0.0	56.1	0.0	4.4	0.0	3.6	0.0	0.1	25.1
18	4.1	0.0	-	0.0	5.3	7.2	2.9	1.6	5.7	0.8	7.4	0.0	13.8	0.0	52.4	0.0	58.1	2.5	4.7	0.1	3.8	0.0	0.3	20.6
19	4.3	5.4	-	2.8	5.1	10.1	3.3	1.5	6.2	0.6	8.7	0.0	13.7	0.0	51.1	0.0	60.4	6.7	5.0	0.1	3.9	0.2	1.3	0.1
20	1.7	14.5	-	0.0	1.3	0.0	3.4	3.9	7.1	0.0	9.5	6.2	17.8	7.5	49.7	0.0	62.5	0.1	5.3	0.2	4.0	0.1	1.7	2.4
21	0.1	21.8	-	0.0	2.4	0.1	3.1	5.9	8.2	14.8	10.6	1.9	19.5	1.7	48.3	0.0	64.0	2.8	5.8	0.1	4.1	0.0	1.0	9.2
22	0.7	4.4	-	0.0	3.0	0.0	1.8	4.3	2.3	15.8	12.5	0.0	22.5	0.0	47.0	0.0	65.2	8.9	6.2	0.0	4.2	0.7	1.2	16.8
23	1.7	1.0	-	0.0	3.4	0.0	1.5	10.3	3.0	1.9	14.8	0.0	27.0	0.0	45.7	1.7	65.9	0.0	6.5	0.0	4.3	0.0	1.1	5.7
24	1.1	9.7	-	0.0	3.8	0.0	1.5	9.7	3.6	0.0	17.6	0.0	31.6	0.0	44.5	15.1	64.2	3.8	6.6	0.4	4.3	0.0	2.2	0.1
25	1.2	1.4	-	0.0	4.2	0.0	1.9	0.0	4.5	0.0	19.9	9.8	37.5	0.0	43.8	8.8	63.0	0.0	6.9	0.1	4.4	0.5	2.5	14.1
26	2.0	0.7	-	0.6	4.5	0.0	3.0	0.0	5.8	0.0	21.1	0.7	44.0	0.0	43.6	0.0	61.8	3.4	7.0	2.0	2.4	13.3	0.7	10.0
27	1.8	4.2	-	0.0	4.8	0.0	3.7	0.0	7.1	0.0	23.6	0.0	52.0	0.0	43.3	0.0	61.0	4.9	3.1	16.6	0.6	13.6	1.0	19.1
28	0.7	7.3	-	0.0	5.4	0.0	4.4	0.0	8.8	0.0	25.7	0.3	58.9	6.4	62.4	0.0	61.3	0.1	2.0	1.4	1.0	6.4	1.6	1.7
29	1.5	0.3	-	0.0	5.9	0.0	5.1	0.0	10.9	0.0	27.1	0.1	61.9	10.9	83.7	0.9	59.6	10.7	2.4	0.0	1.0	12.8	2.3	0.0
30	2.1	0.9			6.3	0.0	4.9	0.0	13.2	0.0	33.4	1.9	62.9	0.0	84.5	30.1	14.3	0.0	2.8	0.0	2.1	0.1	2.6	0.4
31	-	0.0			6.7	0.0			15.3	0.1			62.7	0.0	84.2	14.3			3.1	0.1			2.7	0.0

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm); 31.01.12 bis 01.03.12 Tensiometer ausser Betrieb wegen Frostgefahr

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	155.3	26.0	24.3	105.9	100.3	113.5	132.6	121.5	74.8	96.1	125.9	227.7
Saugspannung 20 cm	Monatsmittel	(2.1)	-	(6.0)	5.4	9.4	25.2	23.7	50.6	19.2	6.6	3.3	1.8
(cbar)	Maximum	(6.8)	-	(15.4)	21.1	43.6	53.2	68.1	79.7	53.5	20.3	5.9	3.8
	Minimum	(-1.0)	-	(-0.2)	-0.2	0.1	0.0	0.1	0.4	0.3	-0.2	-0.4	-0.6
Saugspannung 35 cm	Monatsmittel	(1.9)	-	(3.9)	3.5	5.6	13.2	21.3	55.6	43.2	6.8	2.8	1.6
(cbar)	Maximum	(4.6)	-	(7.2)	9.0	17.2	37.7	64.4	84.7	83.7	25.4	4.5	3.1
	Minimum	(-0.5)	-	(0.2)	0.3	0.4	0.4	0.4	35.1	3.2	0.0	-0.1	-0.4
Bodentemperatur 20 cm	Monatsmittel	3.1	0.8	5.3	9.2	14.4	18.1	18.7	19.5	16.4	12.6	8.3	3.6
(°C)	Maximum	7.2	6.0	9.6	13.5	16.9	22.1	21.9	22.6	19.2	15.1	10.8	5.5
	Minimum	1.0	0.1	0.6	7.1	11.4	15.4	17.2	17.6	13.7	7.9	5.6	2.3
Bodentemperatur 35 cm	Monatsmittel	-	-	-	-	13.5	17.0	18.2	18.9	16.4	12.9	8.8	4.4
(°C)	Maximum	-	-	-	-	15.3	19.6	19.7	20.7	18.2	14.7	10.5	6.9
	Minimum	-	-	-	-	11.8	15.0	17.1	17.8	14.2	9.1	6.9	3.0
Lufttemperatur	Monatsmittel	2.2	-4.1	7.0	8.4	13.8	17.5	18.0	19.3	13.8	9.3	5.4	0.9
(°C)	Maximum	9.4	15.0	20.8	28.6	28.2	31.2	32.9	34.1	28.3	22.7	16.9	10.7
	Minimum	-8.4	-18.5	-4.4	-2.8	-0.8	7.1	7.3	7.3	3.2	-2.0	-1.7	-15.5

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





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