

**Bodenmesswerte**

**Subingen**

**Weide**

**Braunerde-Gley**

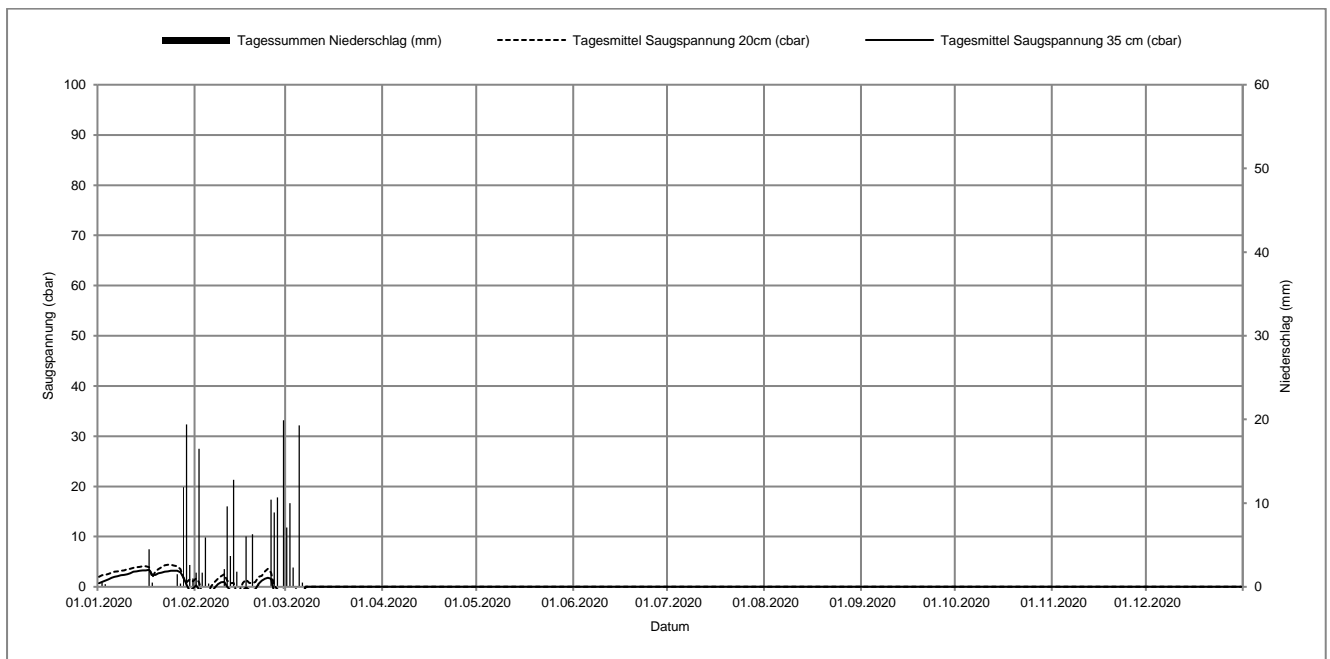
Koordinaten 614137 / 227543, 437 müM

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	0.7	0.0	0.3	1.7	-3.1	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1.0	0.5	-0.5	16.5	-2.7	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	1.2	0.3	-2.8	1.7	-2.8	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	1.5	0.0	-2.8	5.9	-1.9	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	1.8	0.0	-2.2	0.4	-2.2	19.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	2.0	0.1	-1.2	0.0	-2.7	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	2.1	0.0	-0.2	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	2.3	0.1	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	2.4	0.0	0.9	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	2.5	0.0	1.0	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	2.7	0.0	0.0	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	3.0	0.0	-0.7	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	3.1	0.1	-0.6	12.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	3.2	0.1	-2.6	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	3.3	0.1	-1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	3.3	0.0	-0.7	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	3.4	4.5	-0.1	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	2.4	0.5	-0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	2.4	0.1	-0.7	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	2.7	0.0	-0.5	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	2.8	0.0	0.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	3.0	0.0	1.2	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	3.1	0.0	1.6	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	3.2	0.0	1.8	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	3.2	0.0	1.6	10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	3.2	1.5	-1.1	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	2.9	0.4	-1.9	10.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	1.8	11.9	-2.4	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	0.4	19.4	-2.2	19.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-0.8	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-0.3	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

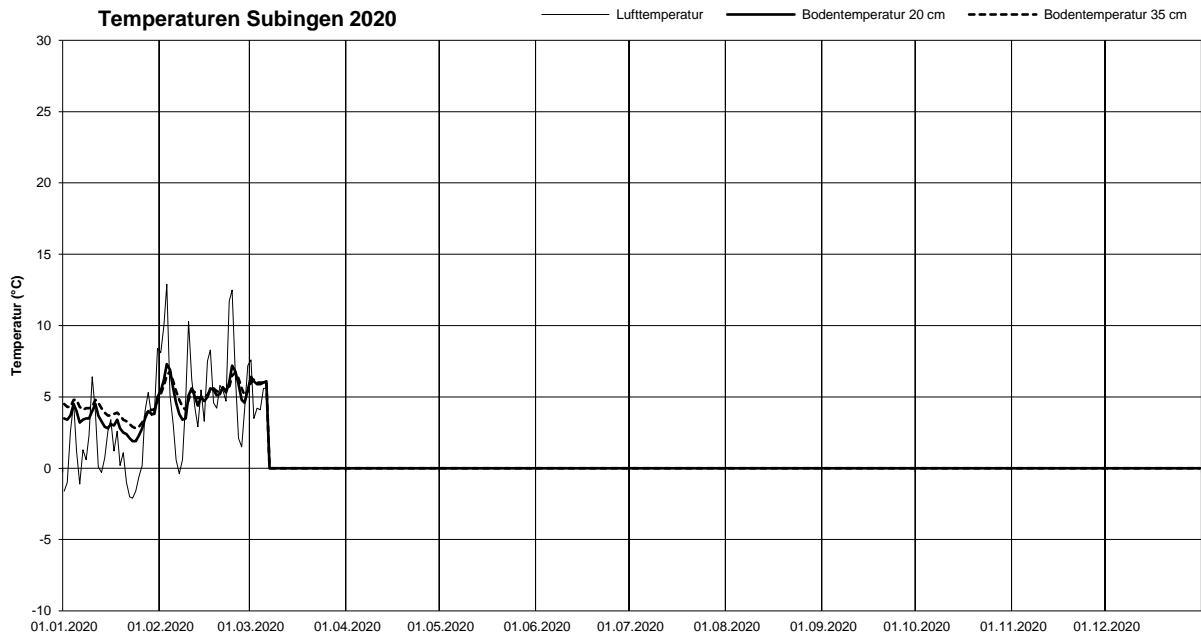
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	43.2	119.1	39.2	-	-	-	-	-	-	-	-	-
Saugspannung 20 cm (cbar)	Monatsmittel	3.2	0.8	-0.2	-	-	-	-	-	-	-	-	-
	Maximum	4.8	3.9	0.2	-	-	-	-	-	-	-	-	-
	Minimum	-0.6	-1.9	-1.6	-	-	-	-	-	-	-	-	-
Saugspannung 35 cm (cbar)	Monatsmittel	2.2	-0.6	-0.5	-	-	-	-	-	-	-	-	-
	Maximum	4.6	2.1	0.0	-	-	-	-	-	-	-	-	-
	Minimum	-2.9	-3.9	-4.4	-	-	-	-	-	-	-	-	-
Bodentemperatur 20 cm (°C)	Monatsmittel	3.3	5.3	1.1	-	-	-	-	-	-	-	-	-
	Maximum	5.7	8.0	7.1	-	-	-	-	-	-	-	-	-
	Minimum	1.8	3.0	0.0	-	-	-	-	-	-	-	-	-
Bodentemperatur 35 cm (°C)	Monatsmittel	3.9	5.5	1.1	-	-	-	-	-	-	-	-	-
	Maximum	5.2	7.0	6.4	-	-	-	-	-	-	-	-	-
	Minimum	2.8	3.9	0.0	-	-	-	-	-	-	-	-	-
Lufttemperatur (°C)	Monatsmittel	1.6	5.6	0.9	-	-	-	-	-	-	-	-	-
	Maximum	13.4	18.1	13.2	-	-	-	-	-	-	-	-	-
	Minimum	-5.1	-5.2	-0.7	-	-	-	-	-	-	-	-	-



Anlage wurde am 06. März 2020 ausser Betrieb gesetzt.

### Temperaturen Subingen 2020



Darstellung der Tagesmittelwerte; Lücken = keine Daten

**Bodenmesswerte**

**Subingen**

**Weide**

**Braunerde-Gley**

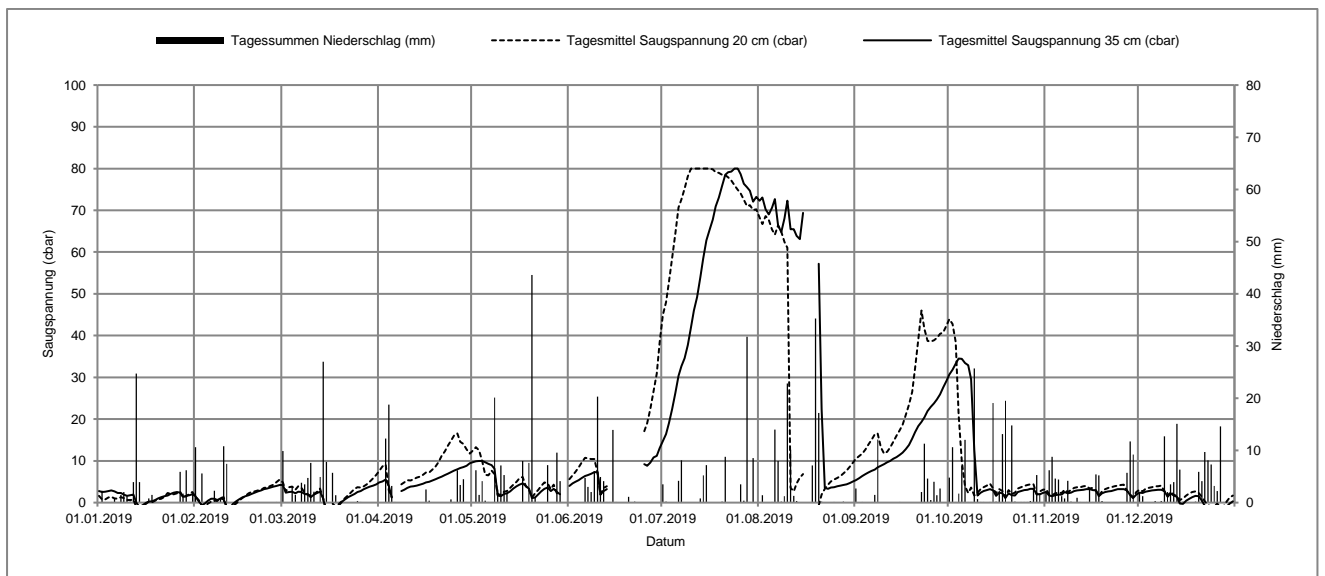
Koordinaten 614137 / 227543, 437 müM

mittelschwerer Boden

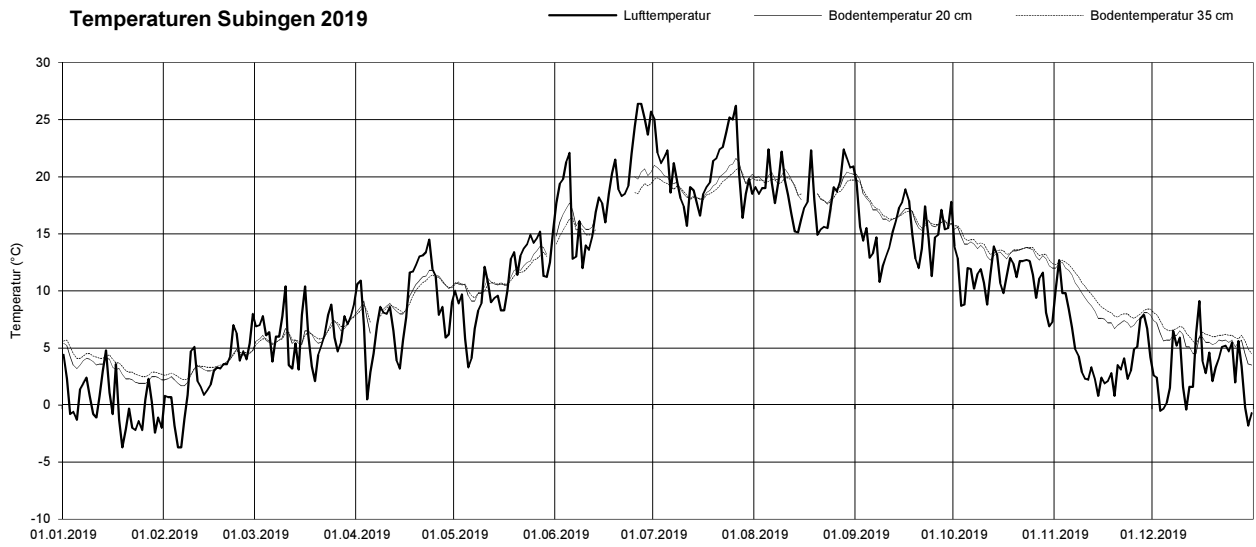
2019 Tag	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	2.8	0.0	1.5	10.6	4.2	9.9	4.8	0.0	9.7	0.0	4.0	0.0	14.7	3.5	72.3	0.0	5.4	2.7	30.7	4.8	2.5	2.2	2.4	1.9
2	2.5	2.3	0.3	0.2	2.4	0.0	5.1	0.0	9.9	6.2	4.6	0.0	16.4	0.2	73.1	1.4	5.8	0.0	31.8	10.6	1.7	6.2	2.3	1.2
3	2.6	0.0	-0.6	5.6	2.5	0.0	5.5	12.3	10.0	1.5	5.0	0.0	19.0	0.0	70.2	0.0	6.4	0.1	33.3	0.1	1.5	8.8	2.6	0.0
4	2.8	0.0	-0.2	0.0	2.6	3.0	4.0	18.8	10.0	4.1	5.4	0.0	22.4	0.0	69.0	0.0	6.8	0.0	34.5	1.7	1.8	4.6	2.8	0.0
5	2.9	0.1	0.5	0.0	2.2	1.5	1.2	3.2	9.7	0.4	5.9	0.0	26.2	0.0	70.6	0.1	7.2	0.0	34.4	7.0	1.9	4.4	2.9	0.0
6	2.7	0.8	0.9	0.0	2.6	0.0	0.0	0.1	9.3	0.1	6.4	4.7	30.4	4.2	72.7	14.0	7.6	0.0	33.4	12.0	1.9	1.2	3.0	0.3
7	2.3	0.0	0.9	2.3	2.5	3.8	0.0	0.0	9.0	0.0	6.6	3.0	32.7	8.1	66.4	8.0	7.9	1.5	32.9	0.1	2.5	0.8	3.1	0.0
8	2.3	1.5	0.6	0.1	2.1	3.5	2.8	0.0	8.1	20.1	6.9	2.0	34.6	0.0	64.8	0.2	8.4	12.1	29.5	0.1	2.2	4.2	3.1	0.3
9	1.9	2.0	1.0	0.7	1.9	4.7	3.1	0.0	1.7	2.5	7.3	6.0	37.7	0.0	68.1	1.2	8.8	0.0	12.6	25.7	2.4	0.2	2.8	12.7
10	1.6	1.2	0.8	10.8	1.3	7.6	3.5	0.0	1.5	7.1	7.3	20.3	42.0	0.0	72.3	22.8	9.2	0.0	1.7	0.7	2.8	0.0	1.4	2.0
11	1.8	0.2	-1.3	7.4	1.9	2.1	3.8	0.0	2.1	5.3	1.9	4.9	46.0	0.0	65.5	10.1	9.7	0.0	2.4	0.1	2.9	0.9	2.2	3.5
12	1.9	3.9	-1.3	0.0	2.3	0.0	3.9	0.0	2.2	1.9	2.8	4.1	49.2	0.0	65.5	1.3	10.0	0.0	2.8	0.1	3.0	0.1	1.7	3.9
13	0.0	24.7	-0.3	0.0	2.6	4.9	4.1	0.0	2.7	0.0	3.2	0.1	53.9	0.8	63.9	0.3	10.5	0.0	3.0	0.0	3.1	0.0	1.4	15.1
14	-1.1	3.9	0.3	0.1	1.0	27.0	4.3	0.0	3.4	0.0	0.0	0.1	58.4	5.2	63.1	0.0	10.9	0.0	3.2	0.1	3.2	0.1	-0.2	6.3
15	-0.6	0.0	0.8	0.1	-2.7	7.8	4.5	0.0	3.9	0.0	0.0	13.9	62.8	7.2	69.4	0.0	11.4	0.1	2.9	19.1	3.2	2.7	-0.3	0.2
16	-0.1	0.1	1.2	0.1	-2.2	0.0	4.8	2.5	4.3	0.0	0.0	0.1	65.3	0.0	0.0	0.0	12.0	0.0	1.6	0.2	3.0	0.1	0.5	0.0
17	0.2	0.8	1.5	0.0	-1.6	5.7	5.0	0.4	4.6	8.0	0.0	0.0	67.8	0.0	0.0	0.0	12.8	0.0	2.4	2.2	2.9	5.4	0.9	0.0
18	0.3	1.5	1.8	0.1	-1.9	1.4	5.3	0.0	4.0	0.1	0.0	0.0	70.9	0.0	0.0	7.1	13.8	0.0	2.2	13.1	1.5	5.2	1.3	0.0
19	0.6	0.0	2.1	0.0	-0.7	0.1	5.6	0.0	3.3	7.6	0.0	0.0	73.1	0.0	0.0	35.3	15.3	0.0	1.1	19.5	2.2	0.3	1.6	0.2
20	1.0	0.0	2.4	0.0	0.2	0.0	5.9	0.0	1.1	43.6	0.0	1.1	75.8	0.2	57.2	17.2	16.9	0.0	2.2	0.1	2.5	0.0	1.5	5.9
21	1.3	0.0	2.7	0.1	0.8	0.0	6.2	0.0	1.2	0.9	0.0	0.0	78.5	8.8	22.4	0.2	18.3	0.0	1.8	14.8	2.7	0.0	0.5	4.1
22	1.5	0.0	2.9	0.0	1.3	0.0	6.6	0.0	2.0	0.1	0.0	0.2	79.1	0.0	3.5	0.0	19.3	2.0	1.7	0.2	2.8	0.0	-0.8	9.7
23	1.7	0.0	3.2	0.0	1.7	0.0	6.9	0.0	2.7	0.0	0.0	0.0	79.3	0.0	3.3	0.0	20.4	11.3	2.5	0.0	3.0	0.0	-1.9	8.1
24	2.1	0.0	3.4	0.0	2.1	0.0	7.3	0.6	3.3	0.0	0.0	0.0	80.0	0.0	3.6	0.0	21.9	4.6	2.8	0.1	3.2	0.0	-2.2	7.3
25	2.4	0.0	3.6	0.0	2.5	0.3	7.7	0.1	3.6	7.2	9.2	0.0	80.0	0.0	3.7	0.1	22.9	0.5	3.0	0.1	3.2	0.1	-2.2	3.2
26	2.5	0.0	3.8	0.0	2.8	0.1	8.0	6.2	2.8	0.0	8.8	0.0	78.7	3.5	3.9	0.0	23.8	4.0	3.1	0.1	3.2	0.0	-1.5	2.2
27	2.4	5.9	4.0	0.1	3.2	0.0	8.3	3.4	3.3	0.0	9.6	0.0	76.4	0.4	4.1	0.0	24.7	1.4	3.3	0.3	2.9	5.7	-2.5	14.6
28	1.4	1.7	4.2	0.0	3.5	0.0	8.5	4.5	2.5	9.6	10.8	0.0	75.5	31.8	4.2	0.2	25.9	2.7	3.3	2.8	1.8	11.7	-2.1	0.1
29	1.6	6.2			3.8	0.0	8.8	0.1	2.0	4.1	11.2	0.0	74.7	0.1	4.4	0.0	27.6	0.0	2.0	5.3	1.1	9.2	-1.0	0.0
30	1.8	0.1			4.1	0.0	9.4	0.0	0.0	0.0	13.0	0.0	72.1	8.5	4.7	0.0	29.1	0.0	2.0	1.8	1.9	0.0	-0.2	0.0
31	2.0	1.9			4.4	0.0	15.7		0.0	0.0			73.2	0.0	5.1	0.0			2.3	0.0			0.3	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	58.8	38.3	83.4	52.2	130.4	60.5	82.5	52.2	43.0	142.8	74.1	102.8
Saugspannung 20 cm (cbar)	Monatsmittel	1.0	1.5	2.5	9.2	5.2	12.9	72.8	35.0	24.5	7.6	3.0	1.7
	Maximum	3.2	6.0	7.3	17.1	13.6	46.3	80.0	70.8	54.0	45.9	4.3	4.2
	Minimum	-1.9	-2.1	-2.1	0.1	0.2	0.4	40.8	-4.5	10.1	0.2	0.3	-2.0
Saugspannung 35 cm (cbar)	Monatsmittel	1.6	1.5	1.7	5.6	4.7	6.8	56.4	46.5	14.4	10.5	2.5	0.8
	Maximum	3.0	4.3	4.6	9.5	10.1	16.4	80.0	80.0	30.0	34.9	3.3	3.2
	Minimum	-1.3	-1.8	-2.9	0.4	0.0	1.1	13.0	2.5	4.9	0.0	0.6	-3.1
Bodentemperatur 20 cm (°C)	Monatsmittel	-	-	6.2	9.6	11.2	17.3	19.6	19.6	16.7	13.5	8.8	5.5
	Maximum	-	-	8.5	12.5	14.9	21.5	22.5	21.8	20.6	15.9	12.7	7.7
	Minimum	-	-	4.7	5.9	8.3	14.1	17.2	16.2	14.7	11.8	6.5	3.4
Bodentemperatur 35 cm (°C)	Monatsmittel	-	-	6.2	9.5	11.0	16.4	19.2	19.2	16.8	13.8	9.5	6.2
	Maximum	-	-	8.1	11.6	13.8	19.8	21.1	20.3	19.8	16.0	12.7	8.3
	Minimum	-	-	5.2	6.9	9.1	13.8	17.7	13.8	15.3	12.3	7.5	4.5
Lufttemperatur (°C)	Monatsmittel	0.1	2.5	6.2	8.5	10.7	19.1	20.4	19.4	15.0	11.1	4.8	3.0
	Maximum	7.3	18.4	19.0	23.8	23.3	35.6	35.6	34.5	28.4	23.0	15.0	13.0
	Minimum	-7.0	-5.9	-3.8	-1.9	-2.6	6.2	9.1	7.4	4.3	2.2	-2.9	-3.9



# Temperaturen Subingen 2019



Darstellung der Tagesmittelwerte; Lücken = keine Daten

**Bodenmesswerte**

**Subingen**

**Weide**

**Braunerde-Gley**

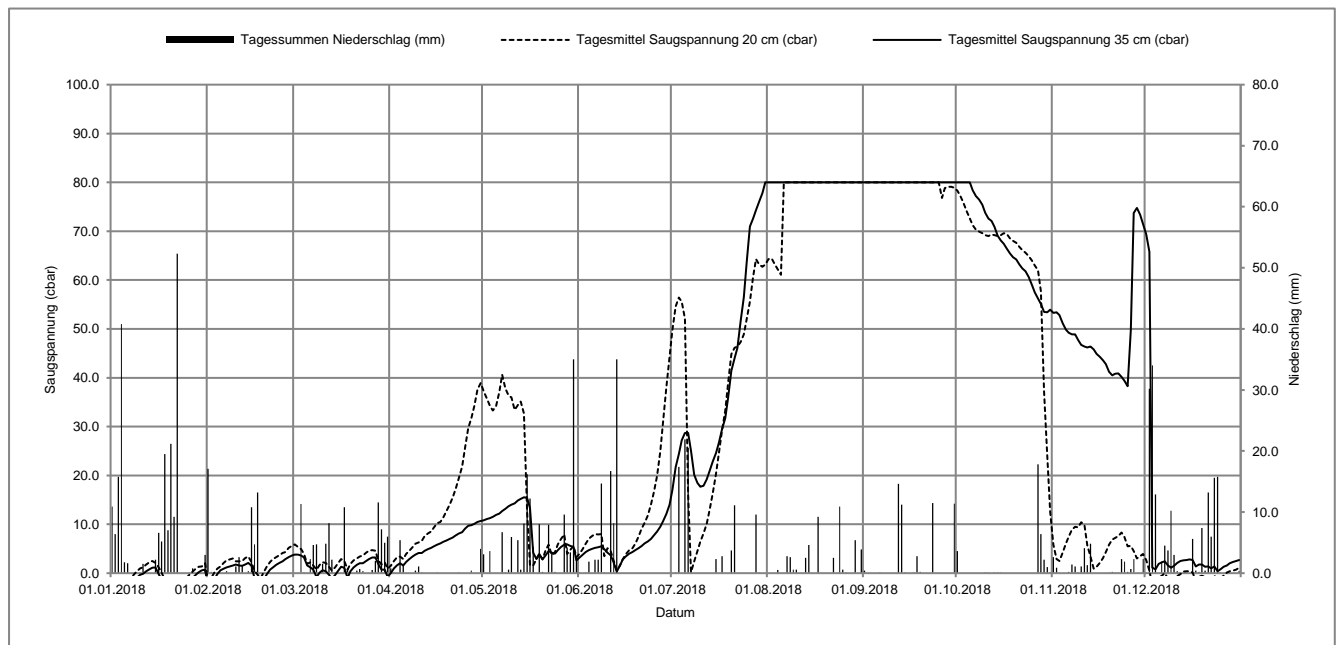
Koordinaten 614137 / 227543, 437 müM

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	-3.0	10.9	-2.8	17.1	3.8	0.0	0.0	0.8	10.8	3.1	3.2	0.1	17.1	0.0	>80.0	0.0	>80.0	0.4	>80.0	3.6	53.3	2.6	69.4	0.1
2	-3.1	6.4	-2.3	0.2	3.8	0.0	1.0	0.1	11.1	0.0	3.8	0.0	21.7	0.1	>80.0	0.0	>80.0	0.0	>80.0	0.0	53.4	0.9	65.8	30.2
3	-3.1	15.8	-1.3	0.0	3.6	11.3	1.6	0.0	11.3	3.6	4.3	0.1	24.4	17.4	>80.0	0.0	>80.0	0.0	>80.0	0.0	52.8	0.0	1.1	34.0
4	-3.4	40.8	-0.2	0.0	3.2	0.1	2.0	5.4	11.5	0.0	4.7	1.9	27.2	0.0	>80.0	0.5	>80.0	0.0	>80.0	0.0	51.2	0.0	0.8	12.9
5	-3.1	1.8	0.6	0.0	1.6	0.0	1.6	1.5	11.9	0.0	5.0	0.0	28.7	21.9	>80.0	0.0	>80.0	0.0	>80.0	0.0	49.9	0.0	1.9	0.0
6	-2.9	1.6	0.9	0.0	1.2	2.3	2.3	0.0	12.2	0.0	5.2	2.2	28.7	20.5	>80.0	0.0	>80.0	0.1	78.4	0.0	49.2	0.2	2.2	1.9
7	-2.3	0.0	1.2	0.3	0.7	4.6	2.9	0.0	12.7	6.7	5.3	2.2	25.0	0.1	>80.0	2.8	>80.0	0.0	77.2	0.0	48.9	1.4	2.4	4.5
8	-1.6	0.0	1.4	0.0	-0.8	4.7	3.4	0.0	13.2	0.1	5.5	14.7	20.1	0.0	>80.0	2.6	>80.0	0.0	76.5	0.0	48.9	1.1	1.6	3.7
9	-0.9	0.0	1.6	0.0	0.1	0.0	3.8	0.4	13.7	0.6	4.9	0.1	18.5	0.0	>80.0	0.6	>80.0	0.0	75.4	0.0	47.8	0.1	1.1	10.2
10	-0.3	0.1	1.8	1.1	0.6	1.5	4.1	1.1	14.0	5.9	4.2	0.0	17.7	0.0	>80.0	0.6	>80.0	0.0	73.8	0.1	46.7	1.1	1.5	3.0
11	-0.1	1.5	1.6	2.6	0.4	4.8	4.1	0.1	14.3	0.0	3.7	16.7	17.9	0.0	>80.0	0.0	>80.0	0.0	72.6	0.1	46.4	4.1	2.1	0.3
12	0.4	0.0	1.5	1.2	-0.3	8.2	4.6	0.0	14.9	5.4	2.2	8.2	19.2	0.0	>80.0	0.0	>80.0	14.6	72.1	0.0	46.2	1.3	2.5	0.1
13	0.8	0.0	1.8	0.0	-1.2	2.2	4.9	0.0	15.2	0.6	0.3	35.0	20.9	0.0	>80.0	2.5	>80.0	11.2	70.9	0.1	46.4	4.8	2.6	0.0
14	1.1	0.0	2.1	0.3	-0.4	0.0	5.2	0.0	15.5	8.1	1.6	0.0	22.9	0.0	>80.0	4.6	>80.0	0.1	69.1	0.1	45.8	0.0	2.7	0.0
15	1.2	2.2	1.5	10.8	0.5	0.0	5.5	0.0	15.4	16.2	2.8	0.0	24.6	2.3	>80.0	0.0	>80.0	0.0	68.1	0.1	44.9	0.0	2.8	0.0
16	-0.2	6.6	-1.0	4.7	1.3	0.0	5.8	0.1	13.3	12.2	3.5	0.0	26.7	0.0	>80.0	0.0	>80.0	0.0	67.4	0.0	44.3	0.0	2.7	5.6
17	-1.3	5.2	-1.9	13.2	1.1	10.8	6.1	0.0	4.2	4.3	4.0	0.0	29.5	2.8	>80.0	9.2	>80.0	0.1	66.4	0.0	43.6	0.0	1.4	0.4
18	-2.8	19.5	-2.5	0.0	-1.0	0.5	6.4	0.0	2.9	0.0	4.3	0.0	31.7	0.0	>80.0	0.0	>80.0	2.8	65.4	0.0	42.8	0.0	1.8	0.2
19	-2.9	7.0	-1.4	0.0	0.4	0.3	6.7	0.0	3.9	8.0	4.7	0.0	36.0	0.0	>80.0	0.0	>80.0	0.2	64.7	0.0	41.2	0.1	1.8	7.4
20	-3.9	21.2	-0.2	0.0	1.2	0.0	7.0	0.0	2.8	0.2	5.1	0.0	41.4	3.7	>80.0	0.0	>80.0	0.0	64.2	0.0	40.5	0.2	1.3	0.4
21	-3.2	9.2	0.7	0.0	1.7	0.4	7.3	0.0	3.7	0.0	5.6	0.0	44.0	11.1	>80.0	0.0	>80.0	0.0	63.2	0.0	40.8	0.1	1.4	13.2
22	-3.5	52.3	1.2	0.0	2.0	0.7	7.7	0.0	4.5	7.9	6.1	0.0	46.1	0.0	>80.0	2.5	>80.0	0.0	62.4	0.0	40.9	0.1	1.0	6.0
23	-3.0	0.0	1.7	0.0	2.0	0.3	8.1	0.1	4.2	3.2	6.5	0.0	51.6	0.0	>80.0	0.0	>80.0	11.5	61.8	0.0	40.2	2.3	1.4	15.6
24	-2.7	0.0	2.1	0.0	2.5	0.0	8.4	0.0	4.0	0.2	7.0	0.0	56.5	0.0	>80.0	10.9	>80.0	0.0	60.6	0.0	39.4	1.9	0.4	15.8
25	-2.3	0.0	2.4	0.0	2.9	0.0	9.1	0.0	4.7	0.0	7.7	0.0	63.7	0.0	>80.0	0.6	>80.0	0.0	59.2	0.0	38.3	0.2	0.8	0.1
26	-1.6	0.1	2.9	0.0	3.2	0.5	9.7	0.0	5.4	0.0	8.5	0.0	71.0	0.0	>80.0	0.1	>80.0	0.0	57.5	0.0	49.8	0.7	1.3	0.0
27	-1.0	0.8	3.3	0.0	3.2	2.0	9.8	0.4	5.8	9.6	9.5	0.0	72.6	0.0	>80.0	0.0	>80.0	0.0	56.2	17.8	73.7	2.3	1.6	0.0
28	-0.3	0.0	3.6	0.0	1.9	11.6	10.1	0.0	5.9	4.2	10.7	0.0	74.3	9.6	>80.0	0.0	>80.0	0.0	55.1	6.4	74.8	0.0	2.0	0.0
29	0.2	0.1			0.7	7.2	10.5	0.0	5.6	3.4	12.1	0.0	76.1	0.1	>80.0	5.4	>80.0	0.0	53.5	2.2	73.4	0.0	2.3	0.0
30	0.6	0.0			0.7	5.0	10.7	4.0	5.4	35.0	14.0	0.0	77.8	0.0	>80.0	0.0	>80.0	11.4	53.4	1.0	71.5	2.3	2.5	0.0
31	0.7	3.0			-0.7	6.0	22.2		2.6	2.5			>80.0	0.0	>80.0	3.9			53.9	0.1			2.7	0.3

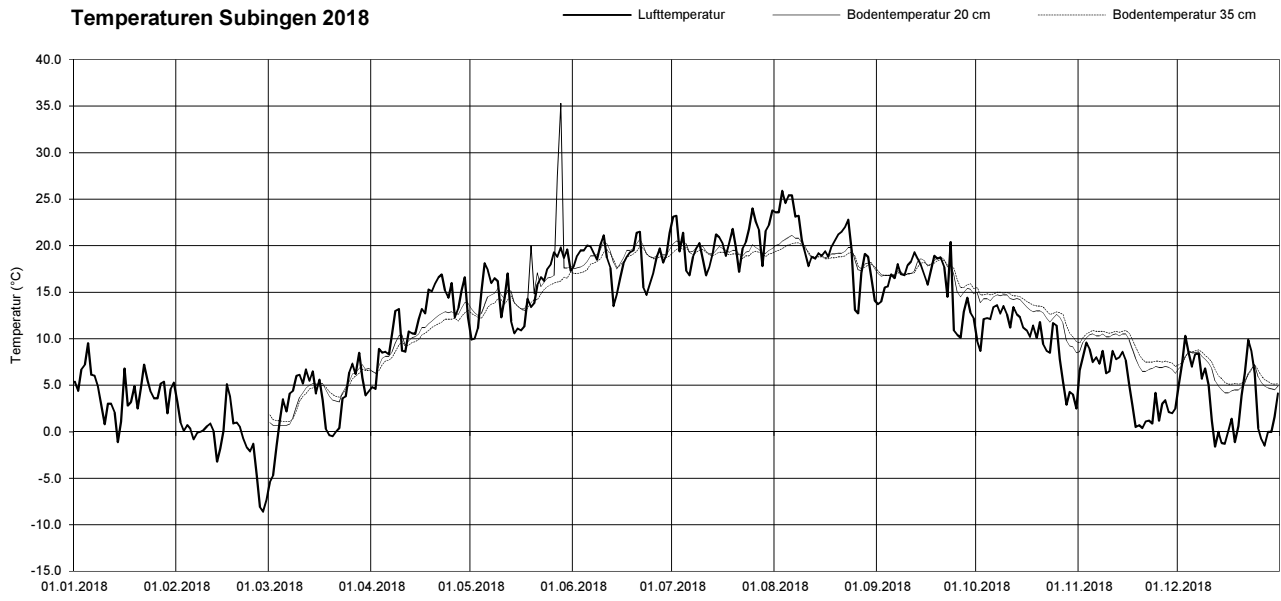
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	206.1	51.5	85.0	14.0	141.0	81.2	89.6	14.0	53.0	31.0	27.8	165.9
Saugspannung 20 cm (cbar)	Monatsmittel	-0.2	2.1	2.7	13.7	18.7	10.8	37.0	77.3	79.7	64.5	5.6	-0.4
	Maximum	2.7	6.0	6.3	39.7	43.7	47.5	64.5	>80.0	>80.0	78.7	11.0	3.1
	Minimum	-2.2	-1.9	-0.3	1.1	0.3	-0.1	-2.9	60.2	66.7	7.2	0.8	-3.6
Saugspannung 35 cm (cbar)	Monatsmittel	-1.5	0.7	1.3	5.7	8.9	5.5	39.2	>80.0	>80.0	67.7	49.6	6.0
	Maximum	1.3	3.7	4.0	10.8	15.8	15.9	>80.0	>80.0	>80.0	80.0	74.9	70.7
	Minimum	-3.6	-3.3	-1.7	-0.5	1.4	-0.5	15.0	>80.0	>80.0	52.0	37.6	0.0
Bodentemperatur 20 cm (°C)	Monatsmittel	-	-	3.9	10.7	15.0	19.0	19.6	19.3	17.1	13.0	8.7	6.1
	Maximum	-	-	7.4	14.9	18.4	21.5	21.6	21.9	19.6	15.5	10.7	8.8
	Minimum	-	-	0.6	5.6	12.2	16.7	18.1	16.4	13.7	8.2	6.0	4.1
Bodentemperatur 35 cm (°C)	Monatsmittel	-	-	3.9	10.1	14.3	18.5	19.2	19.0	17.1	13.6	9.3	6.6
	Maximum	-	-	6.8	13.4	17.5	20.1	20.2	20.5	18.9	15.7	11.0	8.9
	Minimum	-	-	1.1	6.0	12.1	16.7	18.4	17.2	15.1	9.5	6.9	5.0
Lufttemperatur (°C)	Monatsmittel	4.3	-0.8	3.3	12.1	15.1	18.5	20.3	20.2	15.9	10.1	5.0	3.5
	Maximum	11.6	6.5	14.6	27.2	27.2	29.5	33.6	34.5	29.7	23.9	14.6	12.2
	Minimum	-3.5	-12.5	-7.5	-2.8	5.5	7.5	8.9	7.7	1.0	-1.8	-2.3	-4.9



August – September 2018: Die Tensiometer konnten teilweise aufgrund extremer Trockenheit keine korrekten Messwerte mehr liefern

# Temperaturen Subingen 2018



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

**Bodenmesswerte**

**Subingen**

**Weide**

**Braunerde-Gley**

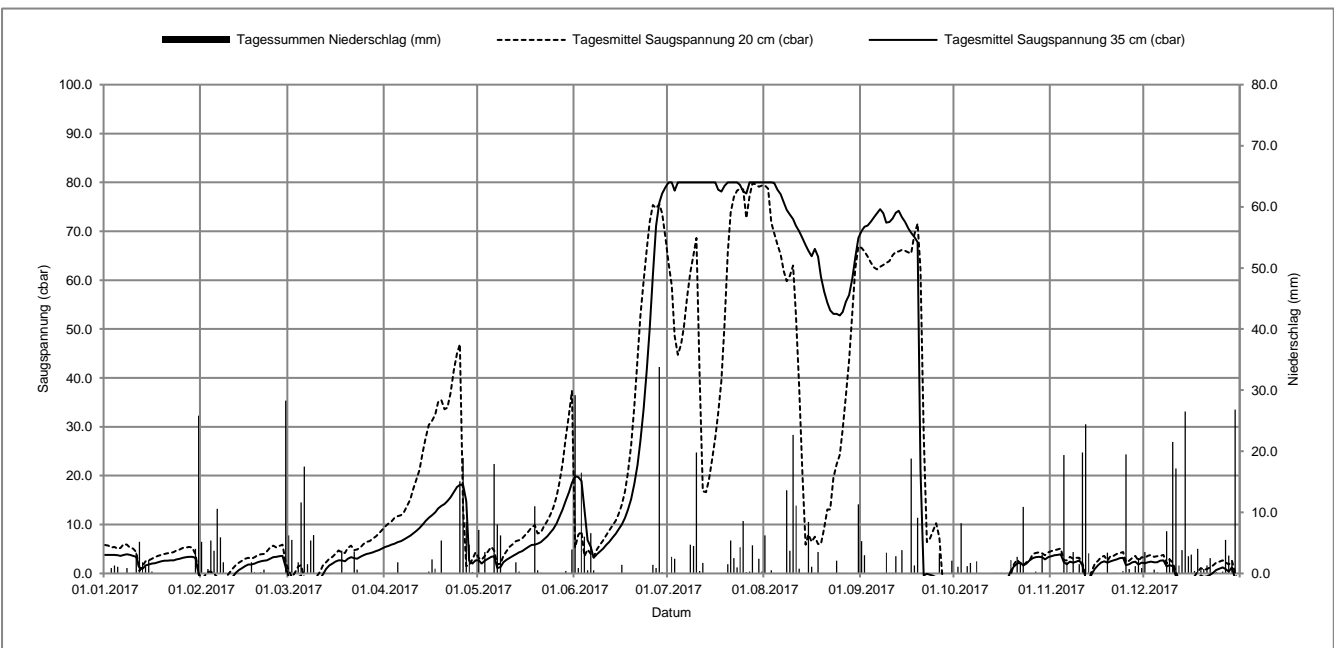
Koordinaten 614137 / 227543, 437 müM

**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	3.8	0.0	-2.8	5.2	-0.6	6.2	5.4	0.0	2.7	7.1	19.9	29.2	>80.0	0.0	>80.0	6.2	70.1	5.3	-2.1	0.1	3.5	0.0	2.1	3.5
2	3.8	0.1	-2.3	0.0	-2.3	5.5	5.6	0.0	2.0	0.0	19.7	0.9	>80.0	2.7	>80.0	0.0	70.9	3.0	-2.2	1.1	3.7	0.0	2.3	0.0
3	3.8	0.9	-1.6	0.7	-1.7	0.0	5.9	0.0	2.6	3.5	18.9	16.5	78.3	2.4	>80.0	0.5	71.2	0.0	-2.5	8.2	3.8	0.0	2.4	0.0
4	3.8	1.3	-1.4	5.4	-0.8	1.8	6.1	0.0	3.0	0.0	13.2	6.0	>80.0	0.0	79.9	0.0	72.0	0.0	-2.3	0.0	3.9	0.1	2.3	0.6
5	3.7	1.1	-1.8	3.7	-0.4	11.6	6.4	1.8	3.4	0.0	6.8	0.5	>80.0	0.0	78.5	0.0	72.9	0.0	-2.4	1.2	2.3	19.4	2.3	0.2
6	3.6	0.0	-2.4	10.6	-2.9	17.5	6.6	0.0	3.5	17.9	5.4	6.6	>80.0	0.0	77.6	0.0	73.7	0.0	-2.6	1.7	1.9	1.9	2.6	0.0
7	3.8	0.0	-2.9	5.9	-2.7	1.5	6.9	0.0	1.1	8.0	3.2	0.5	>80.0	0.0	75.9	0.0	74.5	0.0	-2.6	0.0	2.4	0.2	2.7	0.0
8	3.9	0.9	-2.9	1.8	-2.4	5.4	7.3	0.0	1.3	6.2	3.9	0.0	>80.0	4.7	74.4	13.6	73.7	0.0	-2.6	2.0	2.2	3.5	1.4	6.9
9	3.8	0.0	-2.4	0.0	-2.8	6.3	7.7	0.0	2.3	0.0	4.5	0.0	>80.0	4.5	73.4	3.7	71.8	3.4	-2.3	0.0	2.4	0.0	1.7	2.5
10	3.6	0.1	-1.6	0.3	-2.3	0.0	8.2	0.0	2.8	0.0	5.1	0.0	>80.0	19.8	72.5	22.7	71.9	0.1	-2.0	0.0	2.7	1.5	1.5	21.5
11	3.4	3.4	-0.7	0.0	-1.2	0.1	8.7	0.0	3.2	0.0	5.8	0.0	>80.0	0.4	71.1	11.1	72.6	0.1	-1.9	0.0	1.6	19.8	-0.6	17.2
12	1.2	5.2	0.1	0.0	-0.2	0.0	9.3	0.0	3.6	0.0	6.5	0.0	>80.0	1.7	70.0	0.8	73.8	2.8	-1.7	0.0	-0.9	24.4	-3.0	1.3
13	0.9	1.8	0.7	0.0	0.9	0.0	10.0	0.0	3.9	1.8	7.3	0.0	>80.0	0.0	68.6	0.0	74.2	0.1	-1.8	0.0	-1.9	3.3	-2.1	3.8
14	1.6	1.1	1.1	0.0	1.6	0.0	10.7	0.0	4.3	0.3	8.1	0.0	>80.0	0.0	67.2	0.0	72.9	3.8	-1.9	0.1	-0.1	0.0	-3.4	26.5
15	1.8	2.2	1.5	0.1	2.0	0.0	11.4	0.3	4.6	0.0	9.0	0.0	>80.0	0.0	66.0	8.4	71.9	0.0	-1.9	0.1	1.0	0.0	-3.2	2.8
16	2.0	0.3	1.8	0.1	2.4	0.0	11.9	2.3	5.0	0.0	10.0	1.4	>80.0	0.0	64.9	1.1	70.6	0.0	-2.2	0.1	1.7	0.0	-2.9	3.1
17	2.1	0.0	1.8	1.8	2.7	0.0	12.5	0.8	5.4	0.0	11.4	0.0	78.5	0.0	66.4	0.1	69.7	18.8	-2.1	0.0	2.2	0.0	-2.0	0.4
18	2.3	0.0	2.0	0.2	2.7	3.7	13.3	0.0	5.8	0.0	13.0	0.0	78.1	0.0	64.8	3.5	68.8	1.3	-0.9	0.1	2.5	0.0	-1.1	4.0
19	2.5	0.0	2.3	0.1	2.5	0.1	13.8	5.4	5.9	11.0	15.2	0.0	79.3	0.0	60.7	0.0	67.8	9.1	0.5	2.2	2.2	3.4	-0.4	0.5
20	2.6	0.0	2.5	0.2	3.0	0.0	14.2	0.0	6.1	0.5	18.3	0.0	>80.0	1.5	57.7	0.0	21.2	0.1	1.4	0.0	2.5	0.0	-0.7	0.7
21	2.6	0.0	2.6	0.6	3.3	0.0	14.8	0.0	6.4	0.1	22.2	0.0	>80.0	5.4	55.4	0.0	-0.4	0.0	2.0	2.7	2.7	0.1	-0.6	1.3
22	2.7	0.0	2.7	0.0	3.1	3.6	15.6	0.0	7.0	0.0	27.1	0.0	>80.0	2.5	53.8	0.0	-0.1	0.0	2.2	1.6	2.9	0.1	-0.3	2.5
23	2.7	0.0	3.0	0.0	3.0	0.6	16.6	0.0	7.6	0.0	33.6	0.0	>80.0	1.0	53.1	0.0	-0.3	0.0	1.6	10.9	3.1	0.0	0.2	0.0
24	2.9	0.0	3.3	0.0	3.4	0.0	17.7	0.0	8.3	0.0	41.7	0.0	79.5	4.3	53.1	2.1	-0.5	0.0	2.0	0.1	3.2	0.4	0.7	0.2
25	3.0	0.0	3.4	0.0	3.7	0.0	18.1	15.1	9.1	0.0	50.0	0.0	78.2	8.6	52.8	0.1	-0.8	0.0	2.7	0.0	1.7	19.5	1.0	0.0
26	3.2	0.0	3.5	0.0	4.0	0.0	18.1	18.9	10.2	0.0	61.0	1.4	77.7	0.2	53.5	0.0	-1.4	3.3	3.1	0.0	1.9	0.7	1.2	0.3
27	3.3	0.0	3.6	0.0	4.1	0.0	14.8	8.4	11.6	0.0	71.1	0.9	>80.0	0.3	55.6	0.0	-1.7	0.1	3.3	0.3	2.3	0.0	0.9	5.5
28	3.4	0.0	1.2	28.3	4.3	0.0	2.6	4.7	13.1	0.0	75.8	33.8	>80.0	4.6	57.0	0.0	-1.7	0.0	3.4	0.1	2.4	1.2	0.4	2.9
29	3.4	0.0			4.6	0.0	2.0	0.2	14.9	0.4	77.7	0.2	>80.0	0.0	60.3	0.0	-2.1	0.0	3.3	3.1	1.8	2.5	1.2	1.8
30	3.2	4.0			4.8	0.0	2.7	0.0	16.6	0.0	79.0	0.1	>80.0	2.4	64.5	0.0	-2.3	2.1	2.9	0.0	2.2	0.9	-1.2	26.8
31	-0.1	25.8			5.1	0.0	3.0		18.5	3.9			>80.0	0.3	68.6	11.3			3.3	0.0			-3.0	0.0

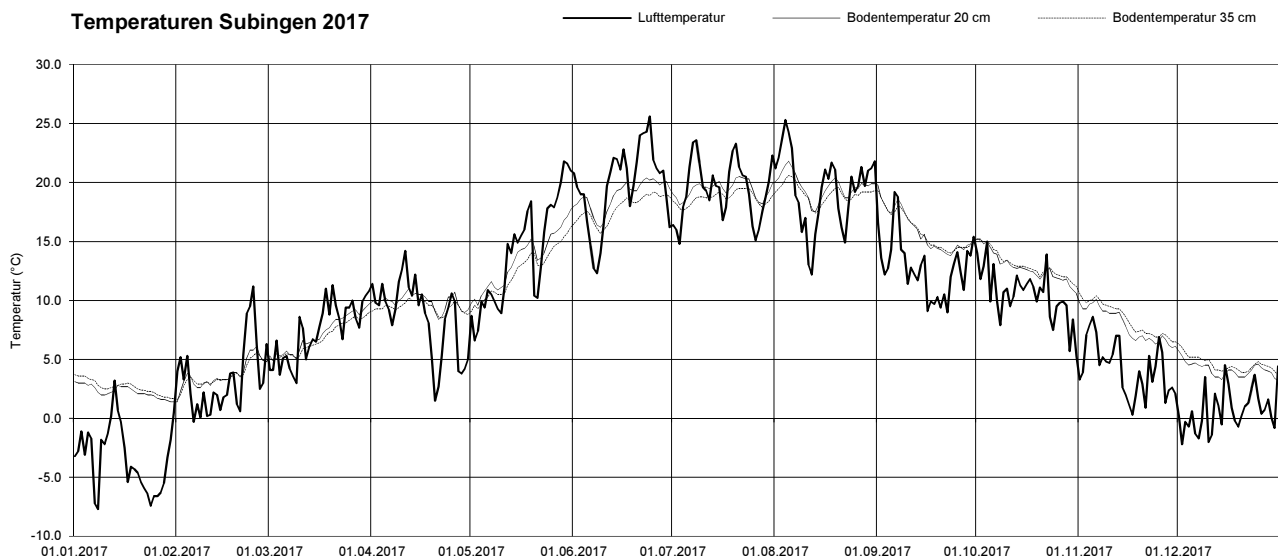
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	48.2	65.0	63.9	57.9	74.8	83.9	67.3	57.9	52.6	35.7	102.9	136.8
Saugspannung 20 cm (cbar)	Monatsmittel	4.2	2.2	3.4	21.4	10.4	29.4	56.5	39.4	45.3	-1.2	3.0	1.4
	Maximum	6.2	6.5	9.5	47.3	40.2	76.3	>80.0	79.7	73.3	4.5	5.1	4.1
	Minimum	-0.6	-1.2	-1.2	0.7	0.5	1.9	15.4	3.3	-5.9	-8.3	-2.9	-2.2
Saugspannung 35 cm (cbar)	Monatsmittel	2.9	0.5	1.3	10.2	6.3	24.9	79.6	66.4	45.7	-0.2	2.1	0.1
	Maximum	4.1	3.9	5.3	18.5	19.8	79.9	>80.0	>80.0	74.8	3.6	4.0	2.8
	Minimum	-2.2	-3.1	-3.2	1.4	0.6	3.0	65.3	51.3	-2.5	-2.9	-2.6	-3.7
Bodentemperatur 20 cm (°C)	Monatsmittel	2.2	3.9	7.3	9.9	13.7	19.0	19.4	19.7	15.7	12.6	7.8	4.1
	Maximum	3.1	6.3	10.6	11.6	18.9	21.5	21.1	22.2	19.2	15.4	10.2	5.5
	Minimum	1.4	1.6	4.6	7.6	8.8	15.2	17.6	17.2	13.3	9.6	5.5	3.1
Bodentemperatur 35 cm (°C)	Monatsmittel	2.6	3.7	6.9	9.4	12.7	17.9	18.7	19.1	15.7	12.9	8.3	4.5
	Maximum	3.7	5.7	9.4	10.4	16.8	19.5	19.8	20.8	19.0	15.2	10.4	6.1
	Minimum	1.6	1.6	4.8	8.2	9.1	15.4	17.4	17.3	13.8	10.4	6.1	3.6
Lufttemperatur (°C)	Monatsmittel	-3.2	3.4	7.6	8.5	14.4	19.6	19.5	19.3	12.7	10.1	4.1	0.9
	Maximum	6.7	19.1	21.1	23.8	30.1	33.4	32.7	33.8	26.6	23.3	16.5	12.5
	Minimum	-11.4	-3.8	-2.3	-3.0	-0.2	4.3	9.4	8.3	1.8	-0.8	-3.6	-6.0



Juli – August 2017: Die Tensiometer konnten teilweise aufgrund extremer Trockenheit keine korrekten Messwerte mehr liefern

# Temperaturen Subingen 2017



Darstellung der Tagesmittelwerte; Lücken = keine Daten



Bodenmesswerte

Subingen Weide

Braunerde-Gley

Koordinaten 614137 / 227543, 437 müM

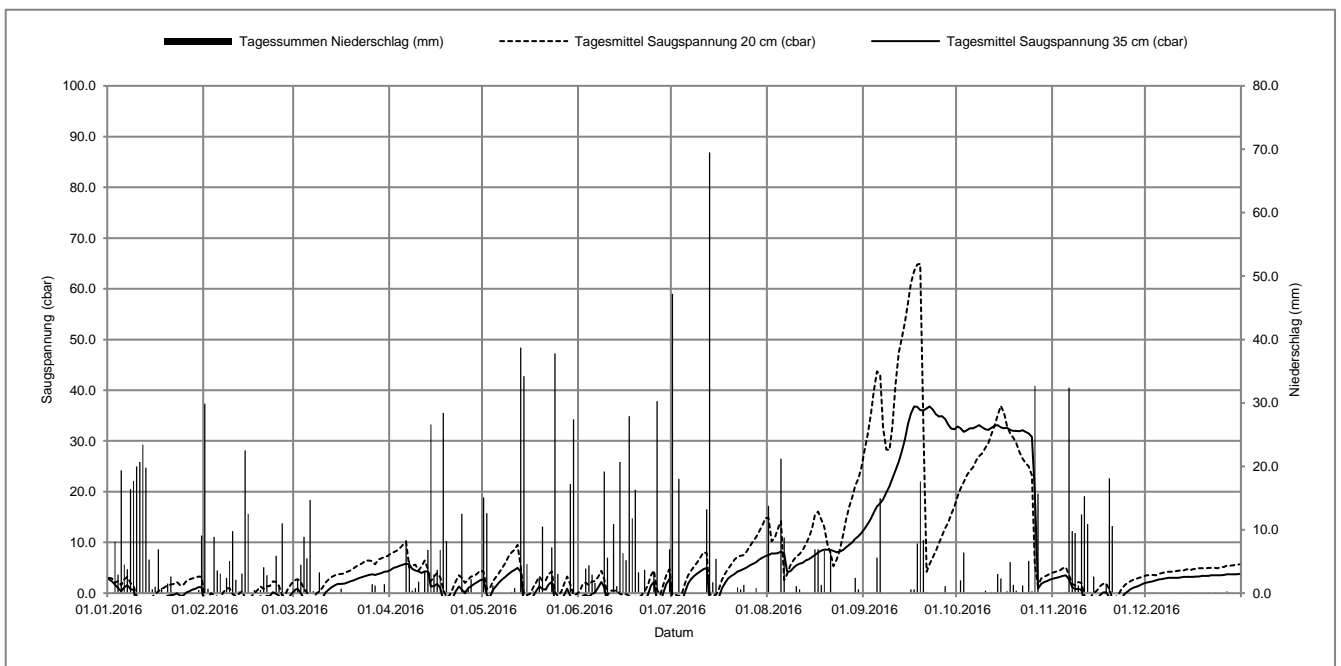
mittelschwerer Boden

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	2.8	0.0	-2.2	29.9	0.6	0.5	4.6	0.0	2.7	15.1	-1.9	0.2	-1.8	47.2	7.5	13.8	12.7	0.0	32.9	0.0	2.9	0.0	2.1	0.0
2	2.3	0.1	-2.5	0.7	0.9	2.2	5.0	0.0	-0.3	12.6	-0.5	0.0	-2.0	0.2	7.8	0.0	13.6	0.0	32.5	2.0	3.0	0.0	2.2	0.1
3	1.7	8.1	-2.5	0.0	0.0	4.5	5.2	0.0	-0.9	0.2	-0.3	3.9	-2.3	18.0	7.8	0.0	14.7	0.0	31.8	6.4	3.2	0.0	2.3	0.1
4	1.0	2.9	-2.7	8.9	-1.1	8.9	5.4	0.0	0.6	1.2	-0.7	4.4	-1.8	0.0	7.9	0.0	15.9	0.0	32.1	0.0	3.4	0.0	2.5	0.0
5	0.4	19.4	-1.9	3.6	-2.0	5.5	5.6	0.0	1.4	0.0	-0.1	2.9	0.2	0.0	8.2	21.2	17.1	5.6	32.5	0.0	3.5	0.2	2.7	0.0
6	1.1	4.5	-1.3	3.1	-3.2	14.7	5.8	8.4	2.1	0.0	0.1	1.6	1.9	0.0	7.8	8.8	17.7	15.0	32.5	0.0	2.7	32.4	2.8	0.0
7	1.6	3.8	-1.1	0.1	-2.8	0.3	5.7	5.1	2.7	0.0	1.1	0.0	2.8	0.0	4.3	0.1	18.5	0.0	32.8	0.0	1.2	9.8	2.9	0.0
8	0.8	16.4	-2.4	2.4	-2.0	0.2	4.8	0.4	3.2	0.0	2.2	0.0	3.4	0.0	4.3	0.0	19.8	0.0	33.1	0.0	0.8	9.5	3.0	0.0
9	0.6	17.7	-2.8	5.1	-1.5	3.3	4.5	0.8	3.7	0.0	1.1	19.2	3.9	0.0	5.0	0.0	21.1	0.0	32.7	0.0	0.8	1.2	3.0	0.1
10	-2.5	20.0	-2.2	9.8	-0.9	0.1	4.3	1.8	4.2	0.2	-2.3	5.6	4.3	0.0	5.5	1.1	22.6	0.0	32.3	0.4	0.7	12.4	3.0	0.0
11	-3.2	20.7	-1.8	2.1	0.1	0.0	4.0	0.0	4.0	0.8	-1.6	0.1	4.7	0.0	5.8	0.6	24.2	0.0	32.2	0.1	-2.2	15.3	3.0	0.0
12	-3.4	23.4	-3.1	0.3	0.7	0.0	4.3	3.4	5.0	0.0	-1.7	10.9	5.0	13.2	6.0	0.0	25.9	0.0	32.6	0.2	-2.8	10.9	3.1	0.0
13	-3.4	19.8	-3.1	3.1	1.2	0.0	4.3	6.8	4.2	38.7	-1.7	1.1	-1.5	69.5	6.4	0.0	27.8	0.0	33.0	0.2	-2.4	0.2	3.2	0.1
14	-3.2	5.3	-2.7	22.5	1.6	0.0	1.3	26.6	-2.8	34.2	-2.2	20.7	-2.1	1.7	6.7	0.0	30.2	0.0	33.1	3.0	-1.8	2.6	3.2	0.1
15	-2.8	0.6	-1.9	12.5	1.8	0.0	1.4	2.9	-2.6	4.6	-2.5	6.3	-1.9	5.4	7.1	0.0	33.4	0.0	32.7	2.3	-1.2	0.0	3.2	0.0
16	-2.4	1.0	-1.3	0.0	1.8	0.7	1.8	3.7	-2.0	0.0	-2.3	5.2	-0.8	0.1	7.5	6.9	35.4	0.6	32.5	0.1	-0.4	0.0	3.2	0.0
17	-1.8	6.9	-0.6	0.5	1.9	0.1	1.0	6.8	-0.6	0.3	-2.6	27.9	1.0	0.0	8.0	6.9	36.8	0.6	32.6	0.3	0.1	0.2	3.3	0.0
18	-1.4	0.8	-1.1	0.1	2.1	0.0	-1.5	28.4	0.5	0.3	-2.6	11.6	2.1	0.0	8.4	1.3	36.7	7.8	32.2	4.9	0.2	1.5	3.3	0.0
19	-1.0	0.0	-0.5	0.5	2.3	0.0	-2.8	8.2	1.3	2.3	-2.4	16.3	2.9	0.0	8.6	6.7	36.1	17.6	32.0	1.3	-0.8	18.1	3.4	0.0
20	-0.5	1.5	-0.6	4.1	2.5	0.0	-2.4	0.0	0.8	10.5	-2.5	3.3	3.4	0.0	8.6	0.2	36.0	8.4	32.0	0.4	-2.8	10.6	3.4	0.0
21	-0.4	2.6	0.2	2.8	2.8	0.0	-1.1	0.0	0.7	0.0	-2.0	0.1	3.8	0.0	8.5	6.4	36.4	0.2	31.9	0.0	-2.5	0.1	3.4	0.1
22	-0.3	0.0	-0.1	0.0	3.0	0.0	0.4	0.0	1.7	0.0	-1.4	3.7	4.3	0.9	8.3	0.2	36.8	0.0	32.1	1.2	-1.9	0.0	3.5	0.0
23	0.0	0.0	-0.5	0.1	3.2	0.0	1.3	0.0	2.2	7.2	-0.4	0.0	4.5	0.6	8.1	0.0	36.2	0.0	31.8	0.1	-1.0	0.0	3.5	0.1
24	-0.5	0.1	-2.3	5.9	3.4	0.1	0.7	12.5	-1.7	37.8	1.5	0.0	4.8	1.3	8.2	0.0	35.3	0.0	31.5	5.1	-0.1	0.0	3.5	0.0
25	-0.5	0.1	-2.1	1.3	3.6	0.0	0.0	0.4	-2.5	3.0	2.2	3.2	5.1	0.0	8.5	0.0	34.8	0.0	30.8	0.3	0.4	0.1	3.5	0.0
26	0.1	0.1	-1.0	11.0	3.7	1.4	1.0	0.8	-1.7	0.0	-1.6	30.3	5.5	0.0	9.0	0.0	34.9	0.1	20.0	32.7	0.8	0.0	3.6	0.0
27	0.4	0.0	-0.1	0.0	3.6	1.2	1.4	2.2	-0.3	0.0	-1.9	0.1	5.8	0.0	9.5	0.0	34.3	1.1	0.9	15.7	1.1	0.0	3.7	0.3
28	0.7	0.0	-2.2	0.0	3.8	0.0	1.8	0.0	0.9	0.0	0.0	0.0	6.1	0.8	10.0	0.0	33.2	0.0	1.8	0.0	1.3	0.0	3.7	0.0
29	0.9	0.0	-2.5	0.0	4.0	0.0	2.2	0.0	-0.6	17.2	1.8	0.0	6.6	0.0	10.7	2.4	32.4	0.0	2.2	0.1	1.6	0.0	3.7	0.0
30	1.2	0.5			4.2	1.4	2.6	0.0	-2.7	27.4	2.8	6.9	7.0	0.0	11.2	0.6	32.3	0.0	2.4	0.0	1.9	0.0	3.7	0.0
31	1.2	9.1			4.3	0.1			-2.4	0.1			7.3	0.1	11.9	0.0		2.7	0.0				3.8	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	185.4	130.4	45.2	119.2	213.7	185.7	159.0	77.2	57.0	76.8	125.1	1.0
Saugspannung 20 cm (cbar)	Monatsmittel	1.5	0.3	3.7	4.4	2.9	1.3	5.4	11.8	32.8	23.2	1.8	4.6
	Maximum	3.3	2.3	7.3	10.1	9.5	4.7	14.8	25.0	64.9	36.9	5.1	5.7
	Minimum	-1.1	-0.9	-0.9	-0.8	-0.5	-0.9	-0.6	2.6	4.2	1.4	-1.2	3.5
Saugspannung 35 cm (cbar)	Monatsmittel	-0.3	-1.7	1.4	2.4	0.7	-0.7	2.7	7.8	28.1	27.0	0.3	3.2
	Maximum	2.8	0.2	4.3	5.8	5.0	2.8	7.3	11.9	36.8	33.1	3.5	3.8
	Minimum	-3.4	-3.1	-3.2	-2.8	-2.8	-2.6	-2.3	4.3	12.7	0.9	-2.8	2.1
Bodentemperatur 20 cm (°C)	Monatsmittel	4.6	5.1	5.3	9.7	12.2	17.1	19.2	19.1	17.2	12.2	8.3	4.4
	Maximum	6.3	6.4	7.8	11.2	16.8	19.9	20.4	20.2	19.4	15.4	10.8	5.1
	Minimum	3.4	4.2	4.1	8.3	9.0	15.3	17.0	17.2	15.1	10.3	6.0	3.3
Bodentemperatur 35 cm (°C)	Monatsmittel	4.8	5.1	5.1	9.3	11.5	16.1	18.4	18.6	17.1	12.4	8.7	4.9
	Maximum	6.3	6.1	7.1	10.5	15.3	18.3	19.6	19.5	18.9	15.2	11.1	6.2
	Minimum	3.7	4.5	4.2	7.5	8.9	14.5	16.9	17.2	15.2	10.8	7.0	4.0
Lufttemperatur (°C)	Monatsmittel	2.0	3.9	4.2	9.0	12.4	16.6	19.5	18.9	15.9	8.4	4.5	-0.3
	Maximum	12.6	16.2	19.9	21.4	27.6	32.4	33.4	33.0	29.1	18.9	14.5	10.9
	Minimum	-11.0	-3.6	-4.9	-3.1	1.0	8.7	7.1	6.4	4.9	-1.4	-6.0	-6.0

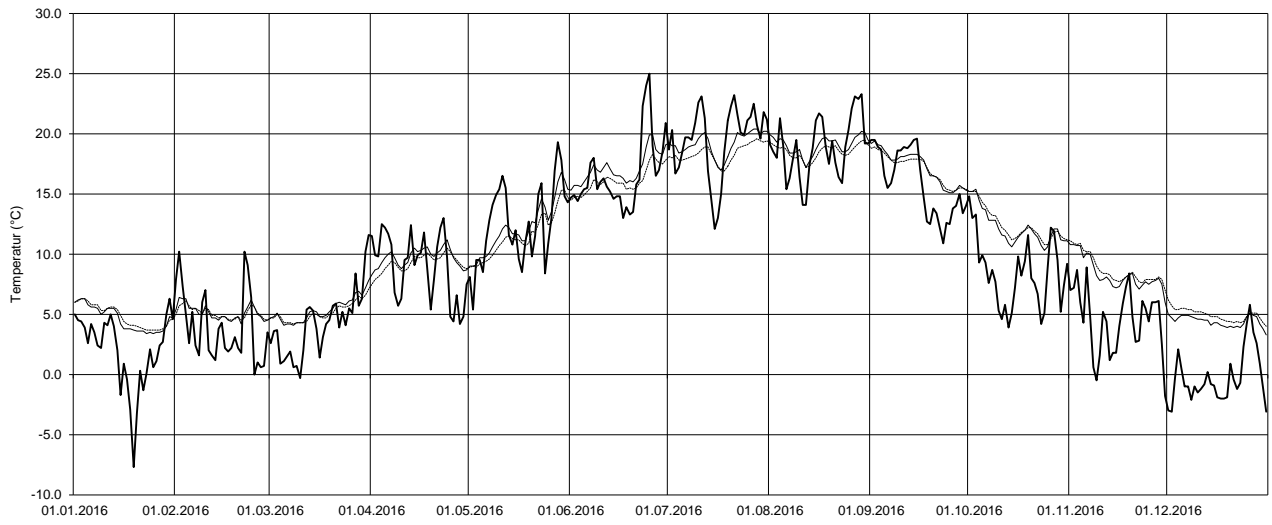
( ) = Datengrundlage unvollständig



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

# Temperaturen Subingen 2016

— Lufttemperatur    — Bodentemperatur 20 cm    ..... Bodentemperatur 35 cm



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Subingen Weide

Braunerde-Gley

Koordinaten 614137 / 227543, 437 müM

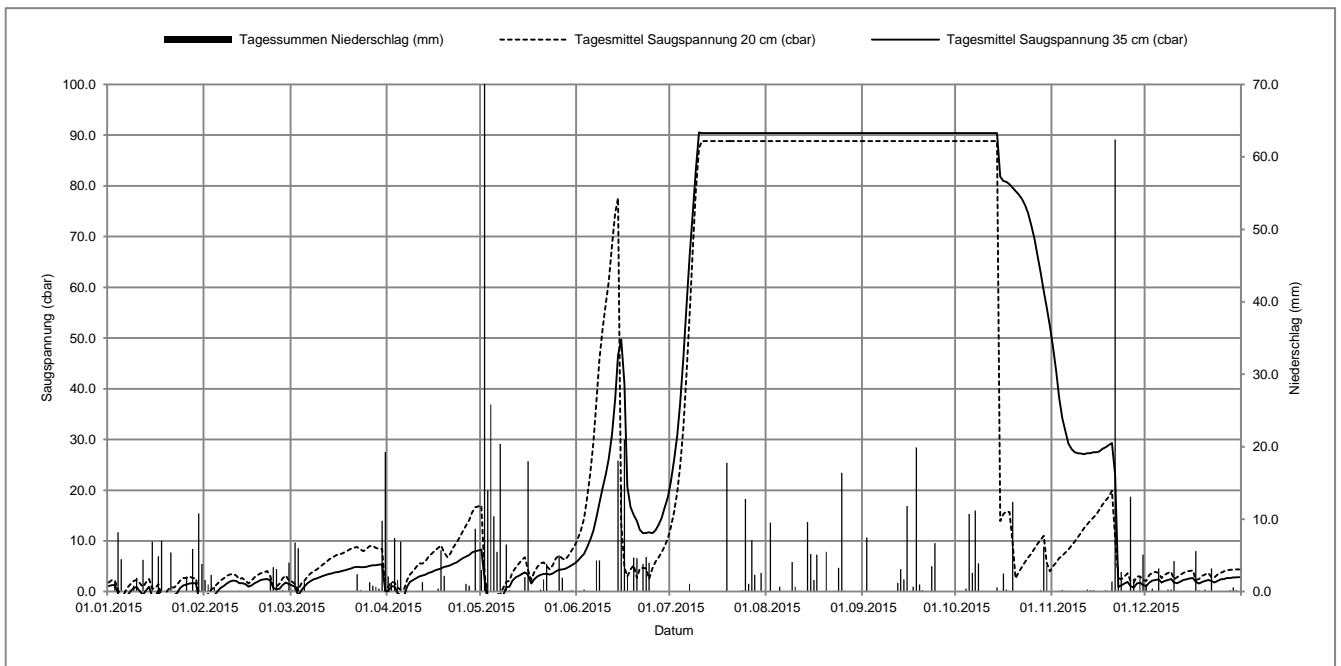
mittelschwerer Boden

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	1.1	0.0	-2.7	1.6	1.2	0.3	0.1	2.1	8.3	3.0	6.1	0.0	21.7	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	48.2	0.0	1.1	1.0
2	1.3	0.0	-2.1	1.0	1.0	6.8	1.1	1.3	2.5	87.7	6.8	0.0	25.9	0.0	(>80)	9.5	(>80)	7.5	(>80)	0.0	43.4	0.0	1.8	0.0
3	1.3	1.3	-1.2	2.3	-0.8	6.0	1.0	7.4	-2.3	14.0	7.5	0.3	30.8	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	38.3	0.1	2.2	0.4
4	-0.3	8.2	-0.7	0.6	0.3	0.0	-0.3	1.6	-2.5	25.8	8.7	0.0	37.1	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.4	34.2	0.2	2.3	0.1
5	-3.0	4.5	0.1	0.0	1.0	1.3	-0.7	6.9	-2.3	10.4	10.2	0.0	46.0	0.0	(>80)	0.7	(>80)	0.0	(>80)	10.7	31.5	0.1	2.4	3.2
6	-2.1	0.1	0.7	0.0	1.7	0.0	-1.0	0.1	-1.9	5.5	12.0	0.0	56.4	0.0	(>80)	0.0	(>80)	0.0	(>80)	2.6	29.2	0.0	1.8	0.0
7	-0.8	0.0	1.1	0.0	2.1	0.0	1.0	0.0	-2.2	20.4	14.5	4.3	66.5	1.1	(>80)	0.0	(>80)	0.1	(>80)	11.2	28.1	0.1	2.1	0.1
8	0.1	0.0	1.6	0.0	2.4	0.0	1.9	0.0	-0.8	0.0	17.5	4.3	74.2	0.0	(>80)	0.0	(>80)	0.0	(>80)	3.9	27.5	0.0	2.3	0.3
9	0.7	0.8	2.0	0.0	2.6	0.0	2.3	0.0	0.9	6.5	20.5	0.0	>80	0.0	(>80)	4.1	(>80)	0.0	(>80)	0.0	27.3	0.0	2.5	0.3
10	0.9	1.9	2.2	0.0	2.9	0.0	2.7	0.0	1.0	0.2	23.2	0.0	>80	0.0	(>80)	0.7	(>80)	0.0	(>80)	0.0	27.2	0.0	1.8	4.2
11	0.1	0.2	2.1	0.0	3.1	0.0	3.0	0.0	2.2	0.0	26.2	0.0	>80	0.0	(>80)	0.1	(>80)	0.1	(>80)	0.0	27.1	0.0	1.7	0.1
12	-0.6	4.4	1.7	0.1	3.3	0.0	3.2	1.3	2.8	0.0	30.9	0.0	>80	0.0	(>80)	0.0	(>80)	1.2	(>80)	0.0	27.3	0.3	2.0	0.0
13	0.2	0.0	1.7	0.0	3.5	0.0	3.4	0.0	3.1	0.0	37.9	0.0	>80	0.0	(>80)	0.0	(>80)	3.1	(>80)	0.0	27.3	0.2	2.3	0.0
14	1.0	0.0	1.5	0.0	3.6	0.0	3.7	0.0	3.5	0.0	46.6	18.1	>80	0.0	(>80)	9.6	(>80)	1.7	(>80)	0.6	27.0	0.2	2.4	0.1
15	-1.0	6.9	1.0	0.1	3.8	0.0	3.9	0.0	3.8	2.0	49.7	14.6	>80	0.0	(>80)	5.2	(>80)	11.8	>80	0.0	27.5	0.0	2.6	0.1
16	-0.9	0.0	1.2	0.0	3.9	0.0	4.2	0.0	3.3	18.0	41.0	21.0	>80	0.0	(>80)	1.6	(>80)	0.1	>80	2.5	27.7	0.0	2.7	0.0
17	0.2	4.9	1.7	0.0	4.1	0.0	4.4	0.4	1.6	0.1	20.7	2.2	>80	0.0	(>80)	5.1	(>80)	0.7	>80	0.3	28.2	0.0	1.9	5.6
18	-2.7	7.0	2.0	0.0	4.2	0.0	4.6	5.7	2.4	0.0	16.7	0.0	>80	0.0	(>80)	0.0	(>80)	19.9	>80	0.0	28.5	0.2	1.6	0.2
19	-2.4	0.0	2.3	0.0	4.4	0.0	4.9	2.2	3.0	0.0	15.1	4.7	>80	0.0	(>80)	0.0	(>80)	1.0	79.6	12.4	28.9	0.1	1.9	0.0
20	-1.3	0.1	2.4	0.0	4.6	0.0	5.0	0.0	3.3	0.3	13.9	4.6	>80	0.0	(>80)	5.5	(>80)	0.2	79.0	0.0	29.3	1.4	2.1	0.3
21	-0.6	5.4	2.5	0.0	4.8	0.0	5.2	0.0	3.5	1.7	12.2	0.0	>80	0.0	(>80)	0.1	(>80)	0.0	78.3	0.0	23.0	62.4	2.3	0.1
22	-0.7	0.0	2.2	2.2	4.9	2.4	5.5	0.0	3.5	3.8	11.5	3.8	>80	0.0	(>80)	0.0	(>80)	0.0	77.4	0.0	0.9	3.2	2.1	3.2
23	-0.2	0.0	0.7	3.4	4.8	0.2	5.8	0.0	3.4	0.1	11.6	4.8	>80	0.1	(>80)	0.0	(>80)	3.5	76.1	0.0	1.2	2.7	1.8	0.0
24	0.7	0.0	0.5	3.1	4.8	0.0	6.2	0.0	3.6	0.0	11.7	4.0	>80	0.0	(>80)	3.3	(>80)	6.7	74.6	0.0	1.6	0.1	2.1	0.0
25	1.2	0.1	0.6	0.1	4.9	0.0	6.6	0.0	4.0	0.0	11.5	0.0	>80	12.8	(>80)	16.4	(>80)	0.0	72.2	0.0	1.9	0.0	2.4	0.1
26	1.4	2.1	1.3	0.2	5.1	1.3	6.9	1.1	4.3	5.0	12.1	0.0	>80	1.1	(>80)	0.1	(>80)	0.0	69.6	0.0	1.1	13.1	2.5	0.1
27	1.6	0.0	1.8	0.1	5.2	0.8	7.7	0.8	4.4	1.9	13.2	0.0	>80	7.1	(>80)	0.0	(>80)	0.0	66.4	0.0	0.8	1.8	2.7	0.1
28	1.7	5.9	1.5	4.0	5.2	0.7	7.7	0.0	4.5	0.0	14.5	0.0	>80	2.3	(>80)	0.0	(>80)	0.0	63.0	0.2	1.6	0.0	2.7	0.2
29	1.7	0.2			5.3	0.4	8.0	8.7	4.8	0.0	16.6	0.0	>80	0.0	(>80)	0.0	(>80)	0.0	59.2	6.2	1.8	2.1	2.8	0.6
30	-1.1	10.6			5.4	9.8	8.1	0.0	5.2	0.2	18.7	0.0	>80	2.6	(>80)	0.0	(>80)	0.0	56.1	3.6	1.3	5.1	2.8	0.2
31	-3.0	3.8			0.1	19.3			5.6	0.0			>80	0.0	(>80)	0.0	(>80)	0.0	52.4	0.0			2.9	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	70.2	17.5	51.1	40.2	203.7	86.7	45.1	62.0	57.5	54.6	94.4	22.5
Saugspannung 20 cm (cbar)	Monatsmittel	1.1	2.3	5.9	7.8	4.3	22.6	(54.6)	(>80.0)	(>80.0)	(8.6)	9.1	3.6
	Maximum	3.5	5.2	9.1	18.2	17.1	80.5	(89.4)	(>80.0)	(>80.0)	(16.0)	20.5	4.6
	Minimum	-1.8	-0.9	-0.2	-0.6	-1.5	0.6	(14.0)	(>80.0)	(>80.0)	(1.6)	-1.8	1.5
Saugspannung 35 cm (cbar)	Monatsmittel	-0.3	1.2	3.3	4.1	2.4	19.2	(62.7)	(>80.0)	(>80.0)	(70.8)	20.1	2.3
	Maximum	2.0	3.1	5.5	8.4	8.4	54.8	(91.0)	(>80.0)	(>80.0)	(81.9)	46.0	3.0
	Minimum	-3.6	-2.6	-1.5	-2.1	-3.0	6.4	(22.3)	(>80.0)	(>80.0)	(46.1)	0.1	1.4
Bodentemperatur 20 cm (°C)	Monatsmittel	3.4	2.2	6.1	9.9	14.6	18.0	20.6	19.9	16.2	12.3	9.5	6.2
	Maximum	6.5	4.2	8.9	13.4	20.4	23.5	22.8	21.1	14.9	11.9	7.6	
	Minimum	2.3	1.1	3.1	6.1	11.5	0.0	17.7	17.2	12.9	9.7	5.7	5.0
Bodentemperatur 35 cm (°C)	Monatsmittel	3.7	2.4	5.8	9.3	13.6	16.9	19.6	19.2	16.2	12.4	9.7	6.5
	Maximum	5.8	3.7	8.2	11.9	15.2	18.3	21.3	21.2	20.0	14.4	11.9	7.6
	Minimum	2.7	1.5	3.3	6.6	11.1	0.0	17.8	17.5	13.4	10.3	6.4	5.5
Lufttemperatur (°C)	Monatsmittel	1.1	-0.4	6.0	9.4	13.9	18.1	22.0	19.6	13.1	9.1	6.4	2.5
	Maximum	14.8	10.3	18.5	23.5	29.2	32.1	37.1	36.5	25.6	20.1	19.3	11.2
	Minimum	-9.4	-11.3	-4.4	-3.4	2.5	6.2	8.0	7.3	2.7	-0.3	-5.1	-2.9

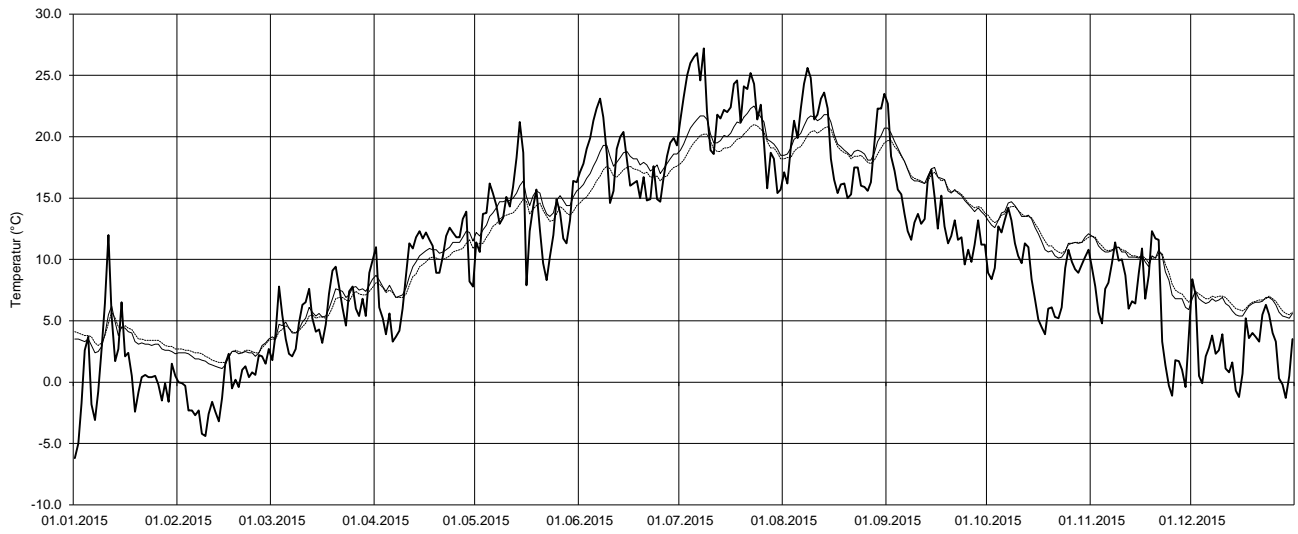
( ) = Datengrundlage unvollständig\*



\*12. Juli - 14. Oktober 2015: Aufgrund extremer Trockenheit konnte die Saugspannung nicht gemessen werden.

# Temperaturen Subingen 2015

Lufttemperatur    Bodentemperatur 20 cm    Bodentemperatur 35 cm



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Subingen Weide

Braunerde-Gley

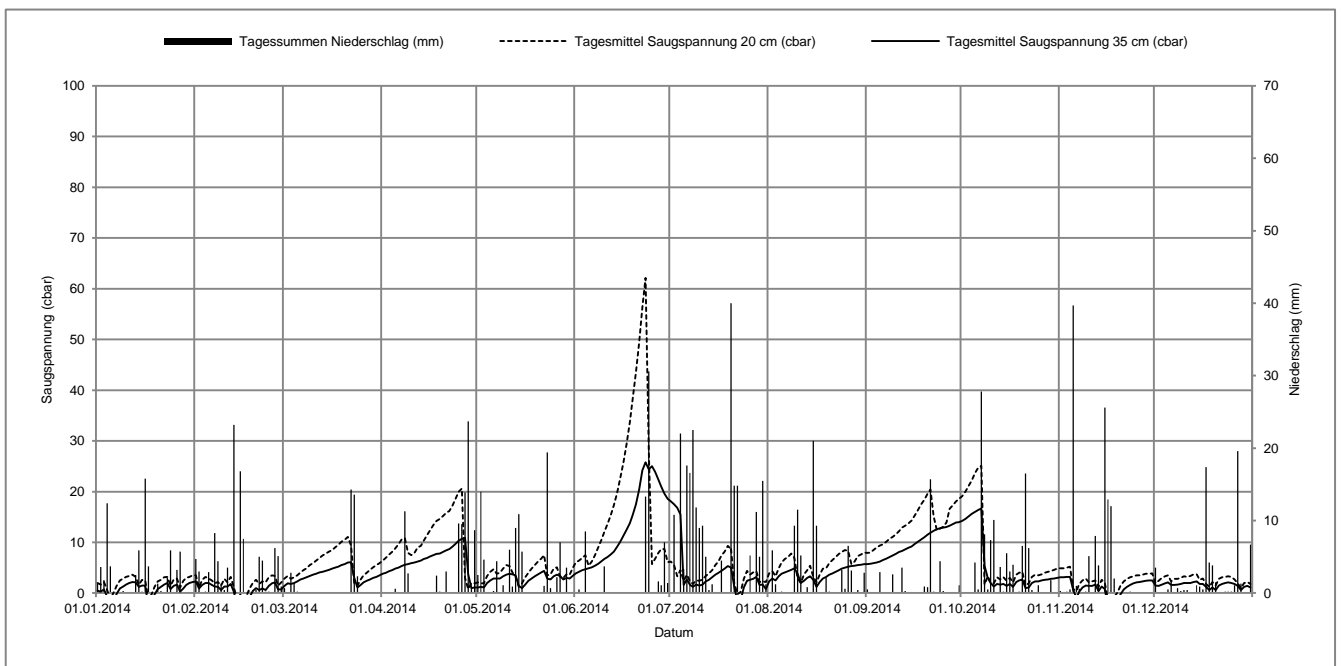
Koordinaten 614137 / 227543, 437 müM

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	0.5	1.3	2.3	4.7	1.4	0.7	3.8	0.0	1.1	2.5	3.9	0.0	18.1	0.0	2.3	0.0	5.7	0.5	14.2	0.0	3.1	0.3	1.5	3.5
2	0.3	3.6	0.9	3.0	1.9	0.1	4.0	0.0	1.2	14.0	4.2	0.5	17.5	10.8	2.9	5.9	5.8	0.0	14.6	0.0	3.1	0.1	1.4	0.0
3	0.7	1.8	1.6	0.0	1.8	2.8	4.3	0.0	1.1	4.6	4.5	0.0	16.8	0.1	2.5	1.2	5.9	0.0	15.1	0.0	3.2	0.2	1.7	0.0
4	-0.7	12.4	2.0	0.2	2.0	1.4	4.5	0.0	2.0	0.0	4.7	8.5	15.5	22.0	3.3	0.1	6.0	0.0	15.6	0.0	3.2	0.5	1.9	0.0
5	-2.9	3.7	2.0	2.9	2.3	0.2	4.8	0.6	2.5	0.0	4.9	0.1	1.6	3.3	3.8	0.2	6.2	2.9	16.0	4.2	0.6	39.7	2.1	0.5
6	-1.6	0.1	1.6	0.0	2.7	0.0	5.0	0.0	2.9	0.3	5.1	0.0	2.7	17.6	4.1	0.0	6.5	0.1	16.4	0.5	-0.9	1.0	1.6	1.7
7	-0.1	0.0	1.3	8.3	2.9	0.0	5.3	0.0	2.9	4.4	5.4	0.0	1.6	16.6	4.3	0.1	6.8	0.0	16.7	27.8	0.3	0.6	1.6	0.0
8	0.9	0.1	1.2	4.4	3.1	0.0	5.6	11.3	2.9	0.1	5.8	0.0	1.2	22.5	4.6	0.1	7.1	0.0	5.4	8.1	1.1	0.0	1.7	0.7
9	1.3	0.3	0.6	1.3	3.4	0.0	5.7	2.7	3.3	1.1	6.2	0.0	1.7	11.8	4.9	9.3	7.4	2.6	3.0	0.5	1.5	0.2	1.8	0.3
10	1.7	0.0	1.3	0.4	3.6	0.0	5.9	0.0	3.6	0.0	6.7	3.7	1.5	9.0	3.8	11.5	7.7	0.1	2.0	7.3	1.4	5.1	2.0	0.4
11	2.0	0.1	1.3	3.5	3.8	0.0	6.0	0.0	3.8	6.0	7.1	0.0	1.7	9.3	2.0	5.2	8.1	0.0	1.3	10.1	1.4	0.0	2.0	0.4
12	2.2	0.1	1.8	0.0	4.1	0.0	6.2	0.0	3.7	0.9	7.6	0.0	2.3	5.0	2.4	0.0	8.3	3.5	1.8	0.1	1.7	7.9	2.0	0.0
13	2.1	2.5	0.2	23.2	4.2	0.0	6.4	0.0	3.5	9.0	8.2	0.0	2.6	0.4	3.0	0.8	8.6	0.3	1.7	3.6	0.4	3.8	2.2	0.0
14	1.2	5.9	-2.7	0.0	4.4	0.0	6.7	0.0	1.4	10.9	9.1	0.0	3.1	1.2	3.3	0.0	8.9	0.0	1.8	0.2	1.3	0.1	2.3	1.1
15	1.5	0.2	-1.8	16.8	4.6	0.0	6.9	0.0	1.0	5.7	10.1	0.0	3.6	0.0	2.6	21.0	9.2	0.0	1.4	5.5	0.8	25.6	1.8	0.9
16	1.5	15.8	-3.0	7.5	4.8	0.0	7.2	0.0	1.7	0.0	11.3	0.0	4.0	0.0	1.2	9.3	9.7	0.0	1.8	3.0	-2.8	12.9	1.8	0.5
17	-2.8	3.7	-2.3	0.0	5.0	0.0	7.5	0.0	2.4	0.0	12.5	0.0	4.4	4.5	2.2	0.1	10.1	0.0	1.2	3.9	-2.8	12.0	1.2	17.4
18	-1.8	0.0	-0.8	0.2	5.2	0.0	7.7	2.4	2.9	0.0	13.8	0.0	4.8	0.0	2.9	0.0	10.6	0.0	2.2	0.1	-2.5	2.0	0.6	4.2
19	-0.3	0.0	0.4	0.2	5.5	0.0	7.8	0.2	3.3	0.1	15.4	0.0	5.3	0.0	3.2	2.2	11.0	0.9	2.5	0.2	-1.7	0.1	1.1	3.8
20	0.8	1.3	1.0	0.4	5.7	0.0	8.1	0.0	3.7	0.0	17.5	0.0	5.0	40.0	3.6	0.2	11.5	0.8	2.7	6.5	-0.2	0.1	0.6	1.5
21	1.2	0.3	0.6	5.0	6.0	0.0	8.4	3.0	4.1	0.0	20.4	0.0	1.3	14.8	3.9	0.1	11.9	15.7	1.0	16.5	0.7	0.0	1.5	0.0
22	1.7	0.0	0.9	4.5	6.1	14.3	8.7	0.0	4.4	1.0	24.2	0.1	-1.7	14.8	4.2	0.0	12.3	0.2	1.1	6.2	1.2	0.0	1.8	0.1
23	2.0	2.1	0.6	0.2	3.0	13.6	9.1	0.0	2.9	19.4	25.8	13.3	-1.4	0.0	4.5	0.0	12.6	0.0	2.0	0.4	1.6	0.2	2.0	0.2
24	0.8	5.9	1.4	0.2	1.1	2.3	9.7	0.0	2.7	0.7	24.4	30.6	1.1	0.0	4.8	3.2	12.8	4.4	2.3	0.0	1.9	0.1	2.1	0.2
25	1.4	0.1	1.9	0.1	1.6	0.1	10.3	9.6	3.3	0.0	25.0	0.0	2.4	0.0	5.0	0.6	12.9	0.3	2.3	1.1	2.1	0.1	2.0	0.2
26	1.7	3.2	2.1	6.2	2.1	0.0	10.7	9.5	3.6	2.2	23.9	0.0	2.6	5.2	5.2	6.5	13.0	0.1	2.5	0.0	2.2	0.1	1.8	1.1
27	0.3	5.7	0.7	5.1	2.4	0.0	10.9	13.9	3.4	7.0	22.4	1.6	2.8	0.0	5.3	3.1	13.3	0.0	2.6	0.1	2.3	0.1	1.4	19.6
28	0.9	0.0	0.7	0.9	2.7	0.0	3.7	23.7	2.7	0.0	21.0	1.1	3.2	11.2	5.4	0.0	13.6	0.0	2.7	0.0	2.4	0.0	0.6	1.3
29	1.6	0.0	0.0	3.0	0.0	1.0	0.9	3.0	3.5	19.6	7.0	1.6	5.0	5.5	0.4	13.9	0.1	2.8	1.8	2.5	0.1	1.2	0.0	
30	2.0	0.0	3.2	0.0	1.1	8.7	2.9	0.0	2.9	0.0	18.6	1.4	1.7	15.5	5.6	0.0	14.0	1.1	2.9	0.1	2.5	0.0	1.4	0.0
31	2.2	0.1	3.5	0.0	0.0	0.0	3.4	0.0	3.4	0.0	0.0	0.0	0.8	1.2	5.7	2.8	0.0	0.0	3.0	0.1	0.0	0.0	1.1	6.7

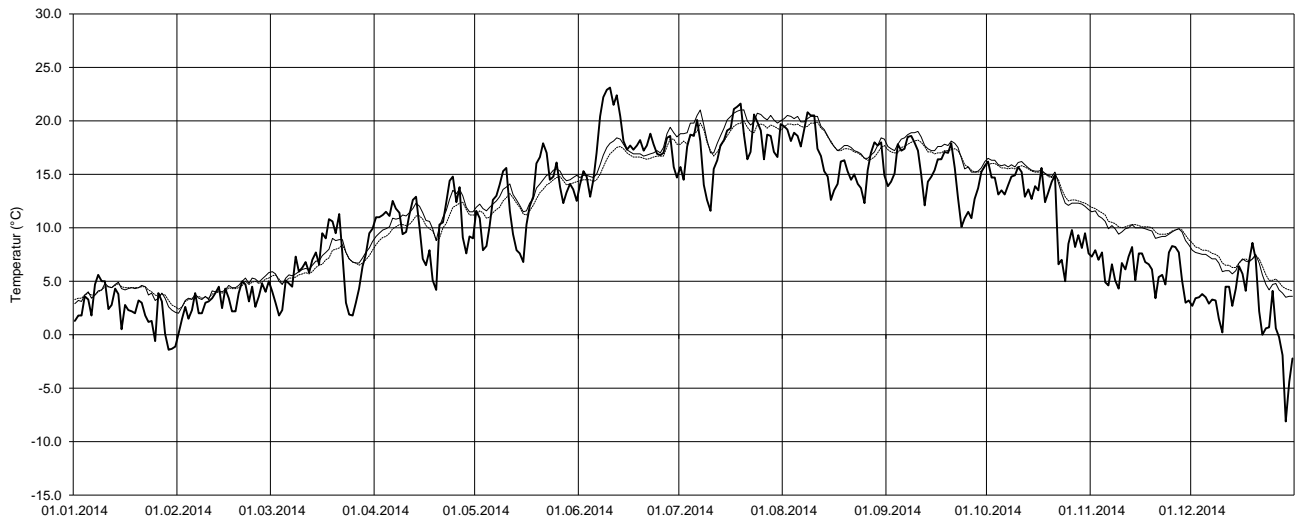
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	70.3	99.2	35.5	86.5	93.4	67.9	241.8	83.9	33.6	107.9	112.9	66.3
Saugspannung 20 cm (cbar)	Monatssumme	2.1	1.9	5.8	10.6	4.1	18.9	3.9	5.6	13.6	7.4	2.4	2.6
	Maximum	4.2	4.3	11.6	21.5	8.3	63.2	10.1	8.7	21.0	25.8	5.2	4.9
	Minimum	-1.6	-1.7	0.0	0.2	0.0	4.4	-0.9	0.4	7.4	0.2	-1.4	-0.2
Saugspannung 35 cm (cbar)	Monatssumme	0.7	0.6	3.5	6.4	2.8	13.0	4.2	3.8	9.7	5.2	1.1	1.6
	Maximum	2.4	2.5	6.2	11.2	4.7	28.6	19.0	5.7	14.4	16.9	3.3	2.5
	Minimum	-3.2	-3.3	0.7	0.3	0.0	3.7	-2.4	0.4	5.5	0.2	-3.2	-0.3
Bodentemperatur 20 cm (°C)	Monatssumme	3.9	4.2	6.9	11.2	13.4	17.0	19.7	18.6	17.3	14.6	9.9	6.1
	Maximum	5.0	6.6	10.0	15.4	16.3	20.6	22.5	21.0	19.7	17.0	12.0	8.4
	Minimum	1.9	0.0	4.2	8.0	10.3	13.9	16.4	16.2	14.5	11.1	8.3	3.5
Bodentemperatur 35 cm (°C)	Monatssumme	4.0	4.1	6.5	10.4	12.8	16.4	18.8	18.2	16.9	14.6	10.2	6.5
	Maximum	4.9	5.6	8.6	12.8	15.0	18.7	20.3	20.1	18.5	16.2	12.1	8.8
	Minimum	2.5	0.0	4.6	8.0	10.6	14.0	16.5	16.3	15.0	11.9	8.8	4.1
Lufttemperatur (°C)	Monatssumme	2.3	3.2	6.3	10.4	12.6	17.9	17.7	16.6	15.1	12.2	6.2	2.4
	Maximum	12.1	11.7	20.2	21.6	26.4	33.8	31.5	27.2	27.1	23.4	14.6	12.8
	Minimum	-5.2	-4.3	-3.0	-1.0	0.1	5.3	6.5	6.5	2.9	0.7	0.0	-16.2



# Temperaturen Subingen 2014

Lufttemperatur      Bodentemperatur 20 cm      Bodentemperatur 35 cm



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte

Subingen Weide

Braunerde-Gley

Koordinaten 614137 / 227543, 437 müM

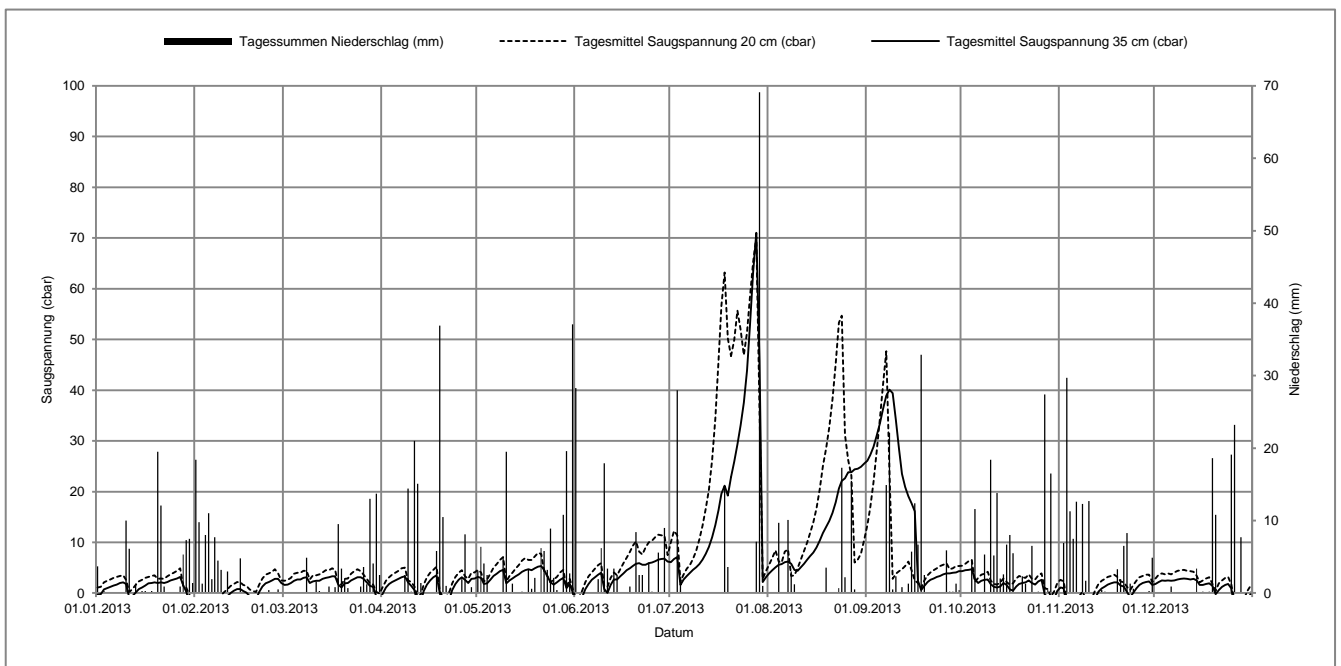
mittelschwerer Boden

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	3.7	-2.4	18.4	1.6	0.0	-0.1	0.0	3.2	3.1	-2.5	28.3	6.1	0.0	3.9	0.0	26.1	0.0	4.3	0.0	1.1	0.0	1.8	0.1
2	-0.2	0.1	-2.7	9.8	1.7	0.0	1.1	0.0	3.0	6.4	-2.1	0.1	6.7	0.0	4.5	0.0	27.2	0.0	4.5	0.0	1.0	6.9	2.2	0.0
3	0.7	0.3	-2.5	1.3	2.0	0.0	1.8	0.0	1.8	4.1	-0.8	0.0	7.1	28.0	5.1	0.0	28.8	0.0	4.6	0.0	-2.7	29.7	2.5	0.0
4	1.0	0.0	-2.3	8.0	2.4	0.0	2.2	0.0	1.9	2.5	0.8	0.0	1.6	2.2	5.6	9.7	31.0	0.0	4.7	4.6	-2.8	11.3	2.4	0.0
5	1.2	0.0	-2.8	11.0	2.7	0.0	2.5	0.0	2.6	0.0	1.8	0.0	2.7	0.0	5.7	0.0	33.4	0.0	2.7	11.6	-2.8	7.5	2.5	0.0
6	1.5	0.0	-2.7	1.9	2.7	0.0	2.8	0.0	3.4	0.0	2.6	0.0	3.4	0.0	6.1	0.0	36.3	0.1	2.0	0.0	-2.9	12.6	2.4	0.9
7	1.7	0.0	-2.6	7.7	3.0	0.0	3.1	0.0	3.8	0.0	3.1	0.0	4.0	0.0	6.2	10.1	38.9	14.9	2.4	0.0	-2.2	0.0	2.5	0.0
8	2.0	0.0	-2.5	4.5	3.1	4.9	3.3	2.5	4.3	0.1	3.6	1.9	4.6	0.0	5.8	3.0	40.1	22.1	2.6	5.3	-1.3	12.3	2.7	0.1
9	2.1	0.1	-1.8	3.2	2.0	0.1	2.1	14.4	4.6	5.0	4.0	6.2	5.1	0.0	4.6	1.2	39.4	0.5	2.7	0.0	-2.7	1.7	2.8	0.0
10	1.8	10.0	-1.2	0.0	2.3	0.0	1.4	0.2	1.9	19.5	0.8	17.9	5.7	0.0	4.4	0.0	34.1	2.3	1.8	18.4	-2.8	12.7	2.9	0.1
11	-0.9	6.1	-0.6	3.0	2.4	1.6	0.6	21.0	2.5	0.0	0.0	3.4	6.6	0.0	5.1	0.0	28.3	0.1	1.2	5.2	-2.4	0.0	2.8	0.0
12	-0.6	0.0	0.0	0.0	2.4	0.3	-2.3	15.1	2.9	1.3	1.6	0.0	7.7	0.0	5.8	0.0	23.5	0.8	1.1	13.8	-1.0	0.0	2.7	0.0
13	0.1	1.3	0.5	0.0	2.8	0.1	-1.7	1.4	3.3	0.0	2.7	3.4	9.1	0.0	6.6	0.0	20.9	0.0	1.3	2.0	0.3	0.2	2.8	0.0
14	0.8	0.0	0.8	0.0	3.0	0.1	0.4	0.0	3.7	0.0	2.7	2.5	11.0	0.0	7.3	0.0	19.1	1.3	2.0	2.6	0.9	0.4	2.5	3.4
15	1.1	0.3	0.8	4.8	3.1	0.9	1.7	0.0	4.2	0.2	3.3	0.0	13.4	0.0	8.0	0.0	17.7	5.7	1.6	6.7	1.3	0.2	1.6	0.1
16	1.5	0.3	0.4	0.1	3.3	0.0	2.5	0.0	4.5	0.1	3.9	0.0	16.4	0.0	9.0	0.0	16.1	12.4	0.7	8.0	1.7	0.0	1.6	0.2
17	1.9	0.0	0.1	0.0	3.3	0.8	3.1	0.0	4.7	3.2	4.5	0.0	19.6	0.0	10.3	0.0	2.4	6.7	0.5	5.5	1.9	0.0	1.8	0.1
18	2.0	0.3	-0.6	0.0	1.7	9.5	3.5	5.8	4.5	0.6	4.9	0.9	21.2	14.7	11.8	0.0	0.6	32.9	1.3	0.1	2.1	0.0	1.9	0.2
19	2.1	0.0	-1.0	0.0	1.1	3.4	0.0	36.9	4.9	2.1	5.3	0.0	19.2	3.6	13.0	3.5	1.4	2.5	1.8	0.0	2.1	3.3	1.4	18.6
20	2.0	19.5	-1.2	0.0	1.9	2.0	-2.4	10.5	5.2	0.0	5.8	8.4	22.9	0.1	14.2	0.0	2.2	0.0	2.0	2.3	1.5	1.9	-0.2	10.8
21	2.1	12.1	0.2	0.0	2.0	0.7	-2.2	1.0	5.3	6.2	5.9	2.5	25.9	0.0	15.8	0.0	2.6	0.0	2.1	1.3	1.3	6.5	0.6	0.1
22	2.0	0.9	1.3	0.0	2.5	0.0	-1.2	0.3	4.6	5.8	5.6	2.5	29.3	0.0	17.9	0.0	2.9	0.0	2.5	0.0	0.2	8.3	1.2	0.0
23	2.2	0.0	1.9	0.0	2.8	0.0	0.6	0.0	3.4	3.2	5.6	0.0	33.1	0.0	20.6	0.7	3.2	0.0	2.0	6.5	-0.8	1.3	1.6	0.0
24	2.5	0.0	2.2	0.4	3.1	0.1	1.8	0.0	2.1	8.9	5.9	4.2	37.5	0.0	22.1	17.3	3.4	0.0	1.7	0.1	0.1	0.6	1.8	0.1
25	2.7	0.0	2.5	0.0	3.1	0.9	2.6	0.0	1.7	2.1	6.0	0.2	43.9	0.0	22.6	2.2	3.7	0.0	2.3	0.2	1.0	0.0	0.9	19.1
26	2.9	0.0	2.8	0.0	2.8	3.6	3.1	1.9	2.1	0.4	6.3	0.0	52.6	0.0	23.8	0.1	3.9	5.9	2.6	0.0	1.6	0.0	-3.2	23.2
27	3.2	0.9	2.8	0.5	2.1	1.2	2.6	8.1	2.6	0.0	6.6	5.6	63.2	0.0	23.8	15.5	3.9	0.2	-0.3	27.4	2.0	0.0	-2.8	0.1
28	1.5	5.3	2.0	0.1	1.4	13.0	2.0	0.0	3.0	10.8	6.7	0.0	71.0	7.1	24.4	0.5	4.0	0.2	-0.8	0.4	2.2	0.0	-2.2	7.7
29	0.3	7.3			1.2	4.1	2.8	0.8	1.0	19.6	6.8	9.0	45.8	69.1	24.5	0.1	4.1	1.3	-2.2	16.5	2.3	0.3	-2.7	0.1
30	-1.8	7.5			-0.7	13.7	2.9	0.0	1.8	2.7	6.2	0.0	2.2	1.0	24.9	0.0	4.3	0.4	-1.2	0.0	1.6	4.9	-1.3	0.1
31	-2.3	1.4			-1.4	2.5			0.2	37.1			3.1	0.0	25.5	0.1			0.4	0.0			-0.2	0.2

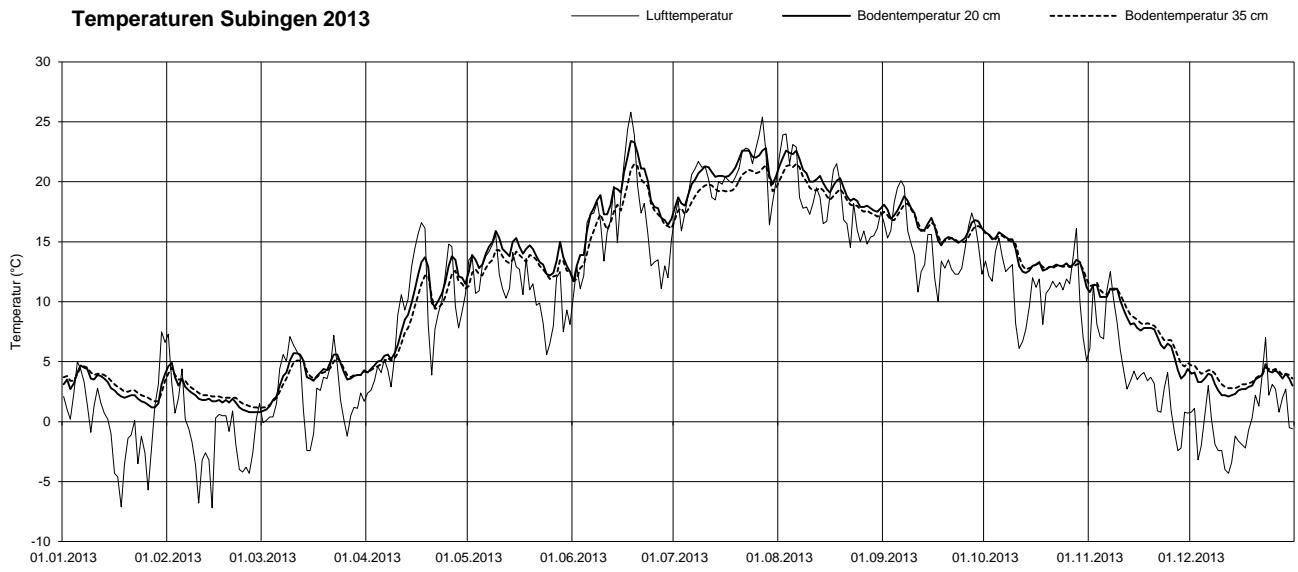
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm);

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	77.4	74.7	63.5	119.9	145.0	97.0	125.8	64.0	110.3	138.5	122.6	85.3
Saugspannung 20 cm (cbar)	Monatssmittel	2.4	1.1	3.3	2.6	4.5	6.0	30.4	17.4	10.8	2.9	1.5	2.5
	Maximum	5.3	5.0	5.4	5.7	8.5	12.5	71.5	59.9	50.8	6.8	4.0	5.1
	Minimum	-1.2	-1.6	-0.6	-1.3	-1.3	-1.3	0.2	2.6	0.1	-1.4	-1.7	-1.7
Saugspannung 35 cm (cbar)	Monatssmittel	1.2	-0.3	2.2	1.4	3.2	3.6	19.4	12.6	16.8	1.8	0.1	1.2
	Maximum	3.3	3.1	3.6	3.8	5.6	7.0	73.2	27.7	41.2	4.9	2.4	3.0
	Minimum	-2.7	-3.1	-1.9	-2.8	-2.7	-2.7	0.9	3.5	0.2	-2.9	-3.2	-3.3
Bodentemperatur 20 cm (°C)	Monatssmittel	2.8	2.1	3.9	9.3	13.9	18.2	20.8	19.8	16.5	13.6	8.1	3.3
	Maximum	5.0	5.4	6.5	15.3	17.3	25.3	24.5	23.9	19.4	16.2	12.1	5.3
	Minimum	1.2	0.8	0.9	3.6	11.2	11.6	16.2	16.7	14.1	10.8	3.4	2.1
Bodentemperatur 35 cm (°C)	Monatssmittel	3.2	2.4	3.8	8.5	13.1	17.1	19.5	19.1	16.3	13.7	8.6	3.8
	Maximum	4.7	4.6	5.6	12.8	14.7	22.0	21.8	21.9	18.5	15.9	11.7	4.9
	Minimum	1.7	1.1	1.2	3.9	11.1	11.6	16.2	16.8	14.7	11.6	4.5	2.8
Lufttemperatur (°C)	Monatssmittel	0.2	-1.0	2.4	8.9	11.2	16.3	20.4	19.1	14.7	11.1	4.3	0.0
	Maximum	10.9	9.0	13.8	24.5	22.7	34.0	35.0	32.9	29.9	22.6	17.7	12.2
	Minimum	-11.8	-17.0	-7.9	-1.5	2.7	5.1	7.4	8.3	5.1	0.7	-5.3	-6.7

( ) = Datengrundlage unvollständig



### Temperaturen Subingen 2013



Darstellung der Tagesmittelwerte; Lücken = keine Daten



Bodenmesswerte

Subingen Weide

Braunerde-Gley

Koordinaten 614137 / 227543, 437 müM

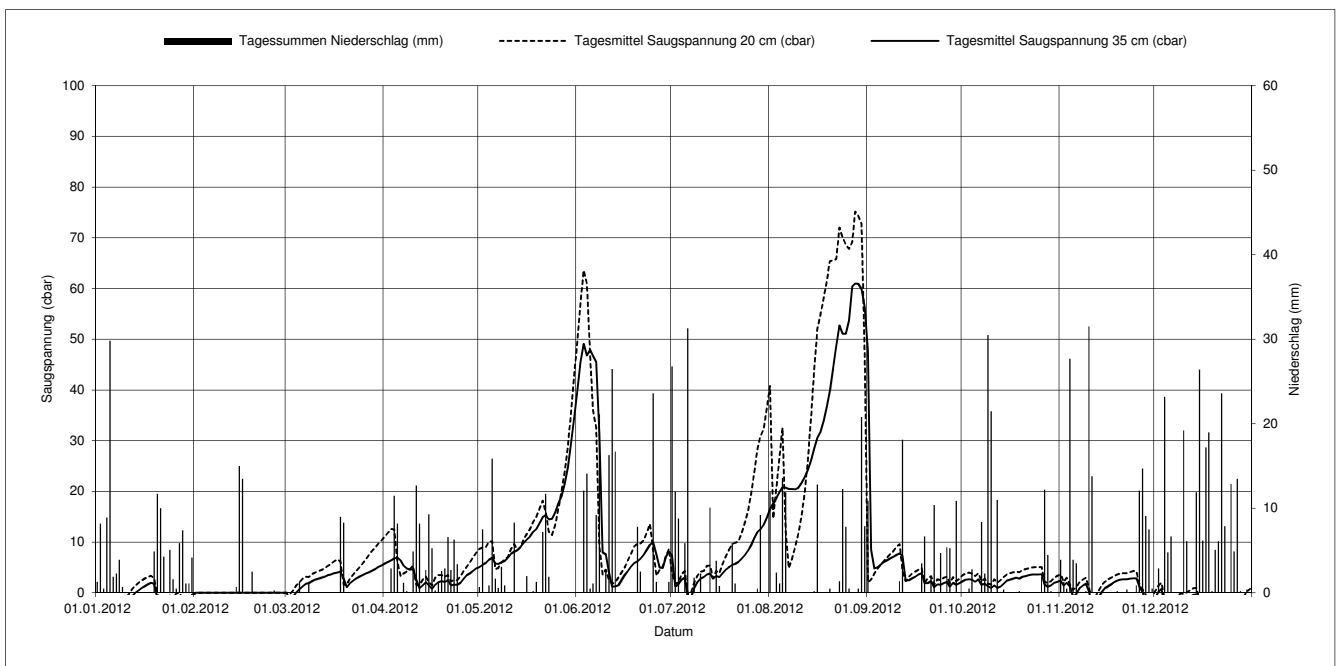
mittelschwerer Boden

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	-2.9	1.3	-	0.0	-	0.0	5.8	0.0	5.1	0.7	39.8	0.0	7.4	26.8	16.5	12.0	47.7	10.9	2.3	0.0	2.4	3.9	-0.9	0.0
2	-2.8	8.2	-	0.0	-1.7	0.1	6.1	0.0	5.5	7.5	45.5	0.0	1.3	12.0	17.6	0.0	8.5	0.0	2.6	0.0	1.5	1.3	0.2	2.9
3	-2.8	0.5	-	0.0	-0.8	0.0	6.4	2.9	5.9	0.0	49.1	12.1	1.7	8.8	18.7	2.4	4.8	0.0	2.7	0.5	2.0	0.5	0.8	0.0
4	-2.8	8.9	-	0.0	0.1	0.0	6.8	11.5	6.5	0.9	46.8	14.1	2.6	0.0	19.9	1.1	5.0	0.0	2.6	2.8	1.2	27.7	-2.3	23.2
5	-2.9	29.8	-	0.0	0.7	1.3	7.0	8.2	6.9	15.9	47.9	0.5	3.0	5.9	20.8	13.6	5.5	0.0	2.2	0.1	-0.7	3.9	-2.8	4.8
6	-2.8	1.9	-	0.0	1.3	0.0	6.4	0.0	5.8	1.7	46.7	1.1	-0.9	31.3	20.7	11.9	6.0	0.0	2.7	0.0	-0.2	3.5	-2.7	6.7
7	-2.8	2.3	-	0.0	1.8	0.0	5.4	1.2	5.7	0.6	45.5	9.2	-1.0	0.0	20.5	0.1	6.4	0.1	1.6	8.4	0.9	0.1	-2.6	0.0
8	-2.8	3.9	-	0.0	1.9	1.3	4.8	0.2	6.0	3.1	31.2	21.1	0.9	1.8	20.5	0.0	6.8	0.1	1.8	2.3	1.4	0.0	-1.9	0.0
9	-2.8	0.7	-	0.0	2.3	0.0	4.6	0.0	6.3	0.9	8.0	0.0	2.1	0.0	20.4	0.0	7.1	0.1	1.3	30.5	1.8	0.2	-1.4	0.0
10	-2.5	0.1	-	0.0	2.6	0.0	4.7	4.9	6.9	0.1	7.6	2.8	2.8	2.3	20.7	0.0	7.5	0.0	1.0	21.5	0.2	31.5	-1.5	19.2
11	-1.6	0.0	-	0.0	2.8	0.0	2.6	12.7	7.7	0.0	4.0	16.3	3.1	0.1	21.7	0.0	7.8	1.4	1.5	0.0	-2.6	13.8	-1.3	6.1
12	-0.7	0.0	-	0.0	3.0	0.0	0.9	8.2	8.1	8.3	1.2	26.5	3.6	0.1	22.9	0.0	7.3	18.1	1.0	11.0	-2.2	0.0	-0.9	0.1
13	0.0	0.1	-	0.0	3.2	0.0	1.5	0.1	8.4	0.0	1.3	16.7	3.8	10.1	24.2	0.0	2.4	0.1	1.2	0.1	-1.0	0.0	-0.4	0.0
14	0.5	0.0	-	0.7	3.5	0.0	2.1	2.7	9.1	0.0	1.5	0.1	2.8	0.1	26.0	0.0	2.5	0.0	1.8	0.4	0.1	0.0	-0.3	11.9
15	0.9	0.0	-	15.0	3.6	0.0	1.5	9.3	9.8	0.0	2.5	0.0	3.3	3.8	28.4	0.2	2.9	0.0	2.4	0.1	0.9	0.0	-2.8	26.4
16	1.3	0.0	-	13.5	3.9	0.0	0.8	5.3	10.5	2.0	3.5	0.0	3.1	0.8	30.6	12.8	3.2	0.1	2.6	0.0	1.3	0.1	-3.0	6.2
17	1.7	0.0	-	0.1	4.0	0.0	1.6	0.3	11.1	0.0	4.3	0.0	3.9	0.0	31.8	0.0	3.6	0.0	2.8	0.0	1.7	0.0	-3.0	17.2
18	2.0	0.0	-	0.0	4.2	9.0	2.1	1.3	12.0	0.2	5.2	0.0	4.6	0.0	34.0	0.0	3.9	3.5	3.0	0.1	2.1	0.0	-2.9	19.0
19	1.8	4.9	-	2.5	2.8	8.3	2.3	2.6	12.6	1.3	5.9	0.0	5.1	0.0	36.8	0.0	1.9	6.7	2.8	0.2	2.4	0.2	-2.8	0.2
20	-1.1	11.7	-	0.1	1.1	0.0	2.2	2.9	13.7	0.0	6.2	7.8	5.5	5.9	39.8	0.5	1.9	0.0	3.2	0.1	2.6	0.0	-2.8	5.1
21	-2.9	10.0	-	0.0	1.9	0.1	2.5	6.6	14.9	7.2	6.7	2.5	5.7	1.1	44.2	0.0	2.3	1.9	3.3	0.1	2.7	0.0	-2.8	6.1
22	-2.7	4.3	-	0.0	2.4	0.0	1.5	2.7	15.3	11.7	7.5	0.0	6.1	0.0	48.7	0.0	1.1	10.4	3.5	0.0	2.7	0.4	-2.8	23.6
23	-2.4	0.1	-	0.0	2.8	0.0	1.6	6.3	14.5	1.9	8.5	0.0	6.7	0.0	52.7	1.4	1.7	0.0	3.6	0.1	2.8	0.0	-2.7	7.9
24	-1.9	5.1	-	0.0	3.2	0.0	1.6	3.4	14.6	0.0	9.5	0.0	7.4	0.0	51.1	12.3	1.6	4.7	3.6	0.1	2.9	0.0	-2.6	0.0
25	-2.4	1.6	-	0.0	3.5	0.0	2.0	0.0	15.9	0.0	10.0	23.6	8.3	0.0	51.1	7.8	1.9	0.0	3.6	0.1	2.9	0.9	-2.5	12.9
26	-1.5	0.5	-	0.3	3.8	0.0	2.8	0.0	17.7	0.0	7.6	1.3	9.4	0.0	53.7	0.5	2.2	5.4	3.7	1.9	1.3	12.1	-2.6	4.9
27	-1.3	5.9	-	0.1	4.1	0.0	3.5	0.0	19.1	0.0	5.0	0.0	10.8	0.0	60.4	0.0	1.2	5.3	1.6	12.2	0.2	14.7	-2.7	13.5
28	-2.7	7.4	-	0.0	4.4	0.0	3.9	0.0	21.6	0.0	4.9	0.0	12.0	0.5	61.0	0.0	2.0	0.1	1.2	4.5	-1.8	9.1	-2.6	0.2
29	-2.7	1.1	-	0.0	4.7	0.0	4.4	0.1	24.9	0.0	7.0	0.0	12.5	9.2	60.9	0.5	1.6	10.9	1.5	0.2	-2.7	7.5	-2.2	0.0
30	-2.2	1.1	-	0.0	5.1	0.0	4.8	0.0	29.3	0.0	8.2	1.3	13.4	0.0	59.9	20.8	1.9	0.0	2.0	0.0	-2.2	0.5	-1.3	0.4
31	-	4.2	-	0.0	5.4	0.0	-	-	34.4	0.0	-	-	14.8	0.0	56.3	7.9	-	-	2.2	0.1	-	-	-0.6	0.1

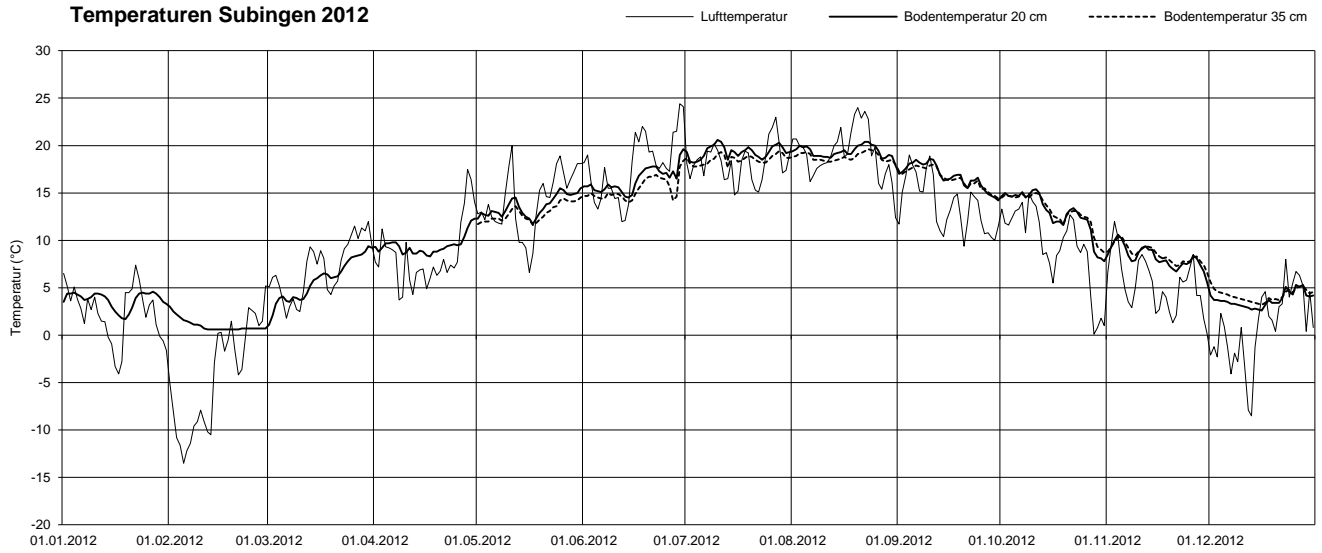
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm); 29.01.12 bis 01.03.12 Tensiometer ausser Betrieb wegen Frostgefahr

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	115.6	32.3	20.1	93.4	64.0	157.0	120.6	105.8	79.8	97.4	131.9	218.6
Saugspannung 20 cm (cbar)	Monatssmittel	-0.1	-	4.7	4.9	13.9	16.6	10.2	43.9	4.2	3.5	2.0	-0.6
	Maximum	3.7	-	10.8	13.2	47.8	64.7	39.7	76.6	10.1	5.2	4.5	2.2
	Minimum	-1.7	-	-0.4	0.0	3.4	-0.2	-0.9	4.2	0.3	-0.2	-1.4	-1.9
Saugspannung 35 cm (cbar)	Monatssmittel	-1.5	-	2.7	3.5	12.4	16.0	5.3	35.2	5.3	2.4	0.8	-2.0
	Maximum	2.1	-	5.7	7.2	39.2	52.4	16.7	63.1	54.4	3.7	3.3	1.0
	Minimum	-3.1	-	-1.8	0.2	4.5	-0.1	-1.9	14.7	0.2	-0.2	-2.9	-3.3
Bodentemperatur 20 cm (°C)	Monatssmittel	3.7	1.0	5.8	9.4	13.6	16.4	19.3	19.3	16.8	12.9	8.2	3.7
	Maximum	4.7	3.2	9.8	12.7	16.2	20.2	21.7	21.0	19.8	16.1	11.3	5.8
	Minimum	1.6	0.2	0.8	8.0	11.0	13.7	17.8	17.4	13.7	7.4	5.0	2.5
Bodentemperatur 35 cm (°C)	Monatssmittel	-	-	-	-	12.9	15.4	18.5	18.8	16.6	13.1	8.5	4.2
	Maximum	-	-	-	-	14.7	18.8	19.6	19.7	18.4	15.3	10.7	6.2
	Minimum	-	-	-	-	11.3	13.8	17.6	17.7	14.3	8.5	6.2	3.2
Lufttemperatur (°C)	Monatssmittel	2.3	-4.4	7.0	8.4	14.1	17.8	18.2	19.2	13.8	9.4	5.4	1.0
	Maximum	9.5	14.7	20.8	30.4	28.9	31.6	33.2	34.8	28.2	22.8	16.5	11.2
	Minimum	-8.7	-18.8	-4.6	-2.9	-0.2	7.0	8.3	8.1	3.4	-2.5	-1.6	-16.0

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



### Temperaturen Subingen 2012



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