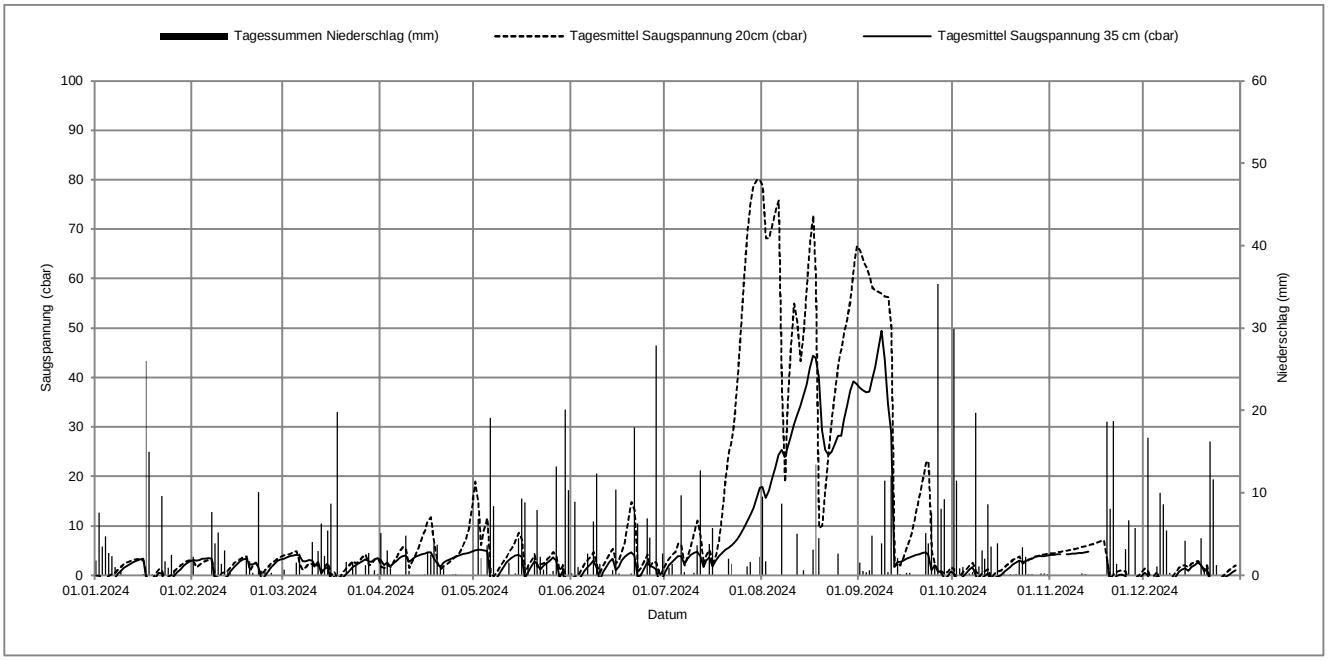
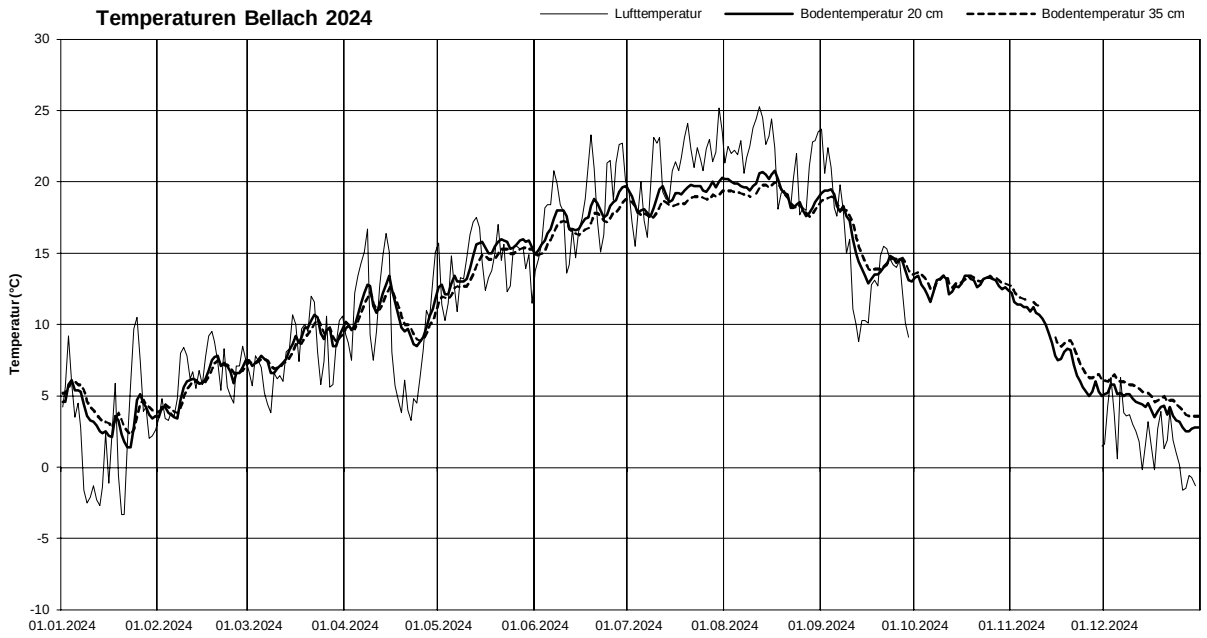
Bodenmesswerte	**Bellach**	**Wiese**	Braunerde-Gley
	Koordinaten	603887 / 228387, 430müM	schwerer Boden

2024	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	-1.0	1.8	3.1	2.2	3.4	0.7	3.1	5.1	5.0	0.0	-2.0	0.2	0.9	0.0	17.8	9.5	37.9	1.5	0.4	29.9	4.1	0.0	0.5	0.0
2	-1.0	7.6	2.9	0.0	3.6	0.0	2.1	0.9	5.1	6.8	-1.7	8.9	2.0	0.9	15.6	1.7	37.4	0.5	-2.2	11.5	4.1	0.0	0.0	16.7
3	-2.2	3.5	3.1	0.0	3.8	0.0	2.5	3.0	5.2	2.1	-1.3	1.0	2.7	1.4	17.1	0.0	37.0	0.4	-1.1	0.8	4.2	0.0	-2.1	0.0
4	-1.8	4.7	3.3	0.0	4.0	0.0	1.8	0.8	5.0	0.0	-0.2	0.0	3.3	0.0	19.5	0.0	37.1	0.6	-0.3	1.0	4.2	0.0	-1.1	0.0
5	-1.1	2.7	3.4	0.0	4.1	1.5	2.4	0.0	4.9	3.6	0.9	0.0	3.9	0.0	21.7	0.0	39.5	4.8	0.4	0.0	0.0	0.0	-0.2	1.1
6	-0.9	2.3	3.5	0.0	4.0	2.6	3.0	0.0	-0.6	19.1	1.7	2.6	3.8	9.7	24.3	0.0	42.1	0.0	1.1	0.2	4.3	0.0	-2.3	10.0
7	-0.5	1.0	3.3	7.7	2.8	0.0	3.5	0.0	-1.6	8.4	2.3	0.0	2.3	0.4	25.4	8.7	45.8	0.0	1.7	0.4	4.3	0.0	-2.3	8.6
8	0.2	0.1	-1.3	3.9	2.8	0.0	3.8	0.0	-0.6	0.0	2.9	6.5	3.3	0.0	23.9	0.0	49.5	3.9	0.0	19.7	4.4	0.0	-2.7	5.4
9	0.9	0.6	-1.6	5.2	3.1	0.0	4.0	4.8	0.5	0.0	1.5	12.3	4.1	0.0	25.8	0.0	43.6	11.5	-1.3	1.1	4.4	0.0	-2.0	0.3
10	1.5	0.0	-0.6	1.4	2.9	4.0	2.7	0.5	1.5	0.0	-1.0	1.4	4.5	0.3	28.0	0.0	34.7	0.4	-0.5	3.0	4.5	0.0	-1.0	0.0
11	1.9	0.0	-0.5	3.0	1.9	0.0	3.2	0.0	2.5	0.0	0.6	0.0	4.8	3.6	30.4	0.0	28.9	12.0	-0.1	2.0	4.5	0.2	-0.1	0.0
12	2.3	0.0	-0.1	0.4	2.7	2.9	3.7	0.0	3.1	1.5	1.6	0.0	3.8	12.7	32.4	5.0	1.6	0.0	0.3	8.6	4.6	0.1	0.6	0.0
13	2.7	0.0	0.7	0.2	0.4	6.3	4.0	0.0	3.6	0.0	2.7	0.0	1.6	0.0	34.1	0.0	2.7	2.1	-1.5	3.5	4.7	0.0	1.1	0.0
14	3.0	0.0	1.5	0.0	1.3	2.3	4.2	0.0	4.0	0.2	3.3	0.6	3.0	0.0	36.4	0.6	2.7	0.1	-0.6	0.0	0.0	0.0	1.4	4.2
15	3.2	0.0	2.2	0.0	1.7	5.4	4.4	0.1	4.1	4.5	1.0	10.4	3.6	3.8	38.6	0.0	3.0	0.0	-0.3	3.9	0.0	0.0	0.9	0.0
16	3.3	0.1	2.8	0.0	-1.0	8.7	4.6	2.7	3.7	9.3	1.8	0.2	1.8	5.7	41.9	0.0	3.3	0.3	0.0	0.1	0.0	0.0	1.6	0.0
17	-0.1	26.0	3.2	0.0	-0.3	0.0	4.6	2.5	-0.6	8.8	3.0	0.0	2.9	0.0	44.4	3.1	3.6	0.3	0.6	0.2	0.0	0.0	2.1	0.0
18	-2.8	15.0	3.4	2.3	-1.7	19.8	3.3	3.9	0.6	1.3	3.7	0.0	3.8	0.0	44.0	13.4	3.9	0.0	1.1	0.0	0.0	0.0	2.5	0.0
19	-1.7	0.1	2.2	1.7	-1.4	0.0	2.4	3.7	1.8	0.0	4.3	0.0	4.5	0.0	40.1	4.5	4.1	0.0	1.7	0.1	3.5	18.6	2.1	4.5
20	-0.5	0.0	2.2	0.3	-0.4	0.0	1.7	1.0	2.8	2.7	4.6	0.2	5.1	0.0	29.4	0.0	4.3	0.0	2.2	0.0	-1.8	8.1	0.8	0.7
21	0.5	0.0	2.6	0.0	0.2	1.6	2.6	0.8	2.3	7.9	4.0	17.9	5.6	2.0	25.4	0.0	4.5	0.0	2.6	0.1	-0.9	18.7	1.4	1.3
22	0.3	9.6	1.5	10.1	0.9	0.0	2.9	0.0	1.2	2.2	-0.3	6.3	6.1	1.4	24.3	0.0	4.6	5.1	3.0	1.7	-0.2	1.4	-1.5	16.2
23	-2.1	1.7	-1.0	0.5	1.7	1.6	3.2	0.0	1.9	0.7	0.0	0.2	6.6	0.0	25.0	0.0	4.1	3.9	2.7	3.4	0.1	0.0	-2.6	11.6
24	-1.2	0.9	-0.1	0.5	2.1	1.2	3.5	0.1	2.4	1.6	1.3	0.0	7.4	0.0	26.5	0.0	1.0	7.6	2.8	2.2	0.1	0.0	-2.5	1.2
25	-1.0	2.5	0.8	0.0	2.4	0.0	3.7	0.1	3.0	0.1	2.5	6.9	8.4	0.0	28.2	2.6	2.0	1.0	3.2	0.1	-0.2	3.2	-1.8	0.0
26	-0.1	0.5	1.6	0.3	2.8	0.0	4.0	0.0	3.6	0.5	1.9	4.6	9.5	0.0	28.2	0.0	0.8	35.3	3.4	0.1	-2.5	6.7	-1.0	0.0
27	0.6	0.0	2.3	0.0	3.2	1.2	4.2	0.0	3.0	13.2	1.6	0.0	10.9	1.1	31.3	0.0	0.6	8.1	3.7	0.0	-1.5	0.0	-0.3	0.0
28	1.2	0.0	2.9	0.0	2.8	2.7	4.4	0.0	-0.4	0.0	1.2	27.9	12.1	1.6	34.1	0.0	-0.7	9.2	3.8	0.0	-1.6	5.7	0.1	0.0
29	1.9	0.0	3.2	0.0	2.7	0.0	4.5	0.0	0.7	1.4	-1.6	0.7	13.6	0.0	37.3	0.0	-0.3	0.0	3.9	0.2	-1.0	0.0	0.6	0.0
30	2.4	0.0			3.2	0.6	4.7	0.0	-1.9	20.1	-0.5	2.6	15.6	0.0	39.2	0.0	0.7	0.0	3.9	0.2	-0.1	0.0	1.0	0.0
31	2.8	0.0			3.5	0.1			-1.8	10.3			17.7	2.2	38.7	0.0			4.0	0.1			1.5	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	80.7	39.7	63.3	29.9	126.4	111.3	46.8	49.1	108.6	94.1	62.7	81.8
Saugspannung 20 cm	Monatsmittel	1.1	2.1	2.4	5.0	4.4	3.6	24.1	49.5	26.1	2.0	3.5	0.7
(cbar)	Maximum	3.7	4.1	5.0	17.6	23.8	17.2	80.0	80.0	66.6	4.4	7.3	3.0
	Minimum	-2.1	-0.8	-1.5	0.2	-1.4	-1.3	0.4	1.8	-0.1	-1.9	-1.9	-2.1
Saugspannung 35 cm	Monatsmittel	0.3	1.7	2.0	3.4	2.1	1.3	5.8	30.0	15.9	1.2	2.3	-0.2
(cbar)	Maximum	4.5	3.7	13.6	5.1	5.4	5.0	20.8	44.6	50.9	4.1	5.0	2.6
	Minimum	-3.1	-2.0	-2.7	0.6	-2.9	-2.9	0.3	13.2	-1.1	-2.9	-2.8	-3.0
Bodentemperatur 20 cm	Monatsmittel	3.6	5.9	8.5	10.8	14.6	17.5	19.1	19.4	15.5	12.9	8.5	4.1
(°C)	Maximum	6.3	8.3	11.5	13.9	16.6	20.0	20.7	21.2	19.8	13.7	12.4	6.0
	Minimum	1.3	3.0	6.0	8.0	11.5	14.7	17.0	17.1	12.6	11.3	4.5	0.0
Bodentemperatur 35 cm	Monatsmittel	4.1	5.9	8.4	10.6	14.0	16.9	18.5	19.0	15.8	13.1	9.2	5.0
(°C)	Maximum	6.2	7.6	10.5	12.8	15.6	18.9	19.5	20.0	19.0	13.8	12.8	6.5
	Minimum	2.2	3.7	6.8	8.8	11.4	14.8	0.0	0.0	13.4	12.4	0.0	0.0
Lufttemperatur	Monatsmittel	2.4	6.4	7.9	9.7	14.2	18.4	20.8	21.6	14.7	13.1	3.8	1.8
(°C)	Maximum	15.3	13.8	19.5	27.6	26.6	31.4	36.0	34.0	32.8	21.3	12.4	10.5
	Minimum	-6.9	-1.6	-0.4	-0.9	4.8	6.0	10.8	9.7	3.8	0.0	-5.5	-3.8





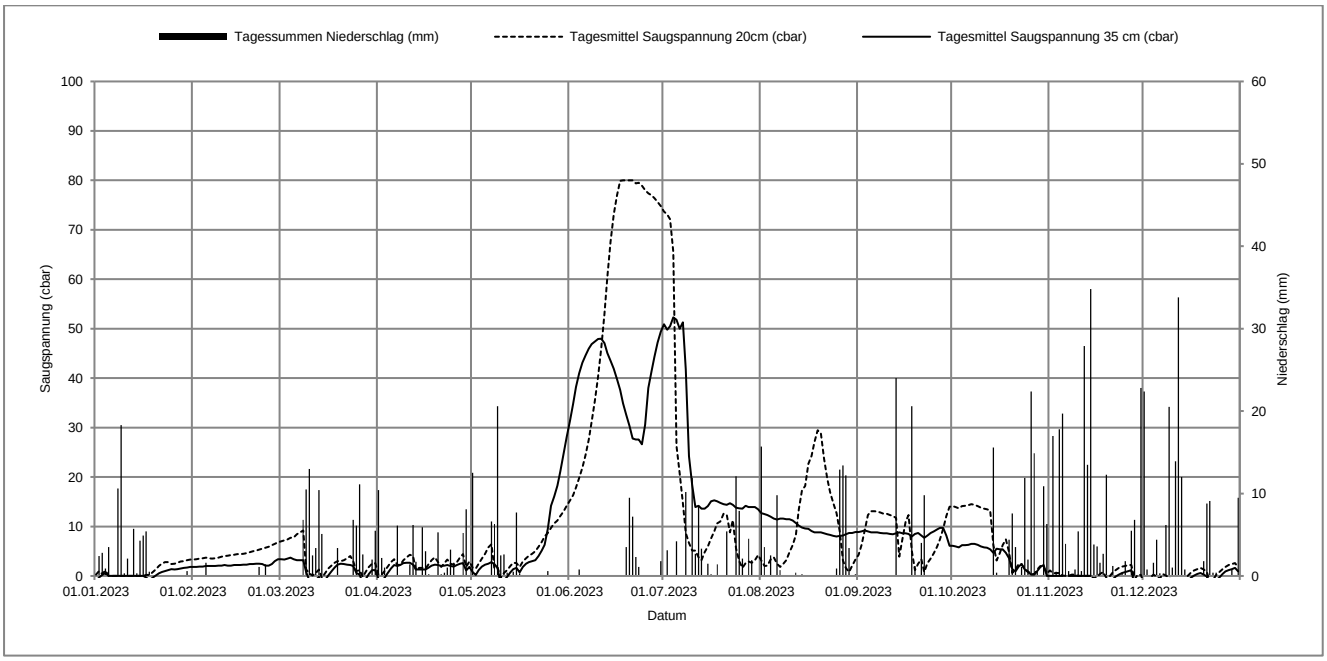
Darstellung der Tagesmittelwerte; Lücken = keine Daten

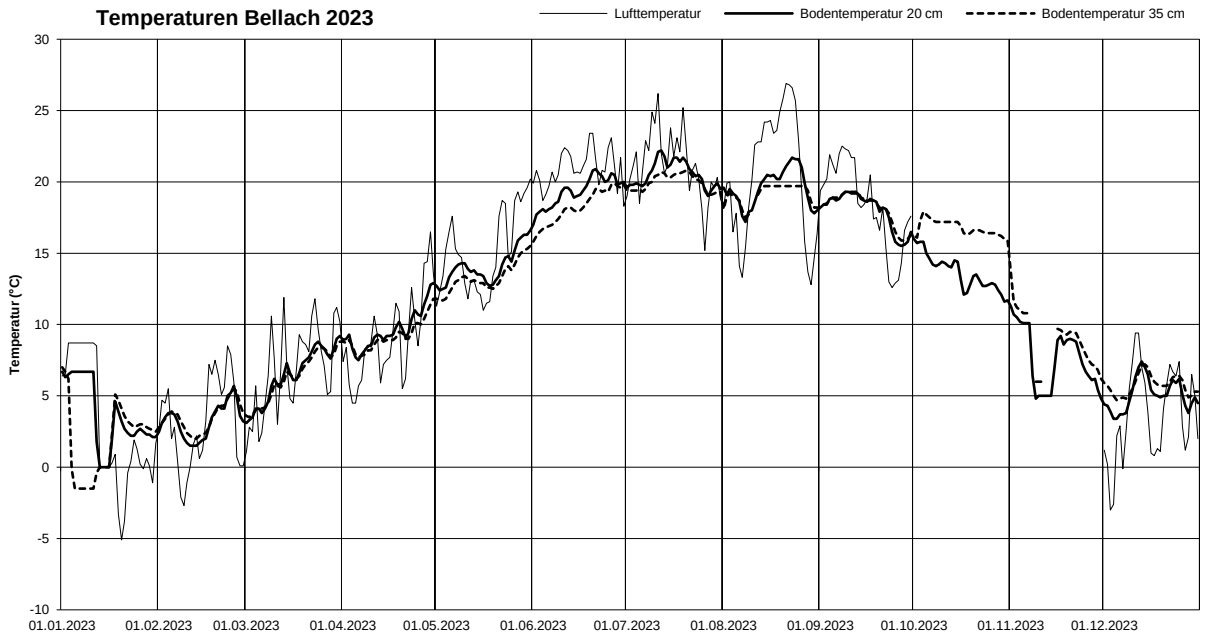
Bodenmesswerte	**Bellach**	**Wiese**	Braunerde-Gley
	Koordinaten	603887 / 228387, 430müM	schwerer Boden

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	-1.1	0.0	1.8	0.0	3.4	0.0	-0.6	10.4	0.8	12.5	31.3	0.0	50.9	0.1	12.7	15.7	8.9	0.0	6.1	0.0	0.0	0.0	-3.1	22.4
2	-0.3	2.4	1.8	0.0	3.3	0.0	-1.1	2.2	0.2	0.0	34.8	0.0	49.8	3.1	12.5	3.5	9.0	0.0	6.0	0.0	0.0	17.0	-2.6	0.8
3	0.2	2.8	1.9	0.0	3.5	0.0	-0.4	1.0	1.2	0.0	38.2	0.0	50.5	0.0	12.3	0.0	9.2	0.0	5.8	0.0	0.0	0.5	-1.8	0.0
4	0.6	0.9	1.9	0.0	3.7	0.0	0.6	0.0	1.9	0.0	41.0	0.8	52.3	0.0	12.0	2.5	9.0	0.0	6.2	0.0	0.0	17.8	-1.0	1.6
5	0.0	3.5	2.0	1.6	3.4	0.0	1.5	0.0	2.3	0.0	43.1	0.0	51.8	4.2	11.6	0.0	8.8	0.0	6.2	0.0	0.0	19.7	-1.5	4.4
6	0.0	0.1	2.0	0.0	3.2	0.0	2.2	0.0	2.5	0.0	44.6	0.0	50.0	0.0	11.4	9.8	8.8	0.0	6.3	0.0	0.0	3.9	-2.1	0.3
7	0.0	0.0	2.0	0.0	3.2	0.0	2.0	6.1	2.8	6.6	46.0	0.0	51.3	0.0	11.6	0.7	8.8	0.0	6.5	0.0	0.0	0.6	-1.0	0.0
8	0.0	10.6	2.0	0.0	3.2	6.8	2.2	0.0	2.4	6.3	46.9	0.0	41.8	10.2	11.6	0.0	8.7	0.0	6.5	0.0	0.0	0.0	-1.3	6.2
9	0.0	18.3	2.1	0.0	0.8	10.5	2.6	0.0	1.6	20.6	47.4	0.0	24.2	0.0	11.5	0.0	8.6	0.0	6.3	0.0	0.0	0.8	-1.7	20.5
10	0.0	0.3	2.1	0.0	-0.9	13.0	2.7	0.0	-1.8	2.5	47.9	0.0	18.4	11.9	11.5	0.0	8.6	0.0	6.0	0.0	0.0	5.4	-2.6	1.0
11	0.0	2.1	2.2	0.0	-1.2	2.5	2.7	1.4	-0.9	2.6	48.0	0.0	13.9	2.7	11.2	0.0	8.5	0.0	5.8	0.0	0.0	0.6	-2.7	13.9
12	0.0	0.0	2.1	0.0	-0.8	3.4	2.3	6.2	-0.2	0.4	47.1	0.0	14.2	8.4	10.7	0.4	8.4	0.0	5.7	0.0	0.0	27.9	-3.0	33.8
13	0.0	5.7	2.1	0.0	-0.2	10.4	1.3	1.7	0.7	0.0	45.1	0.0	13.6	3.3	10.2	0.1	8.6	24.0	5.4	0.0	0.0	13.5	-2.9	12.0
14	0.0	0.3	2.2	0.0	-1.7	5.1	1.3	0.0	1.4	0.5	43.5	0.0	13.6	0.0	9.8	0.2	8.8	0.0	4.7	15.6	0.0	34.8	-2.2	0.8
15	0.0	4.3	2.2	0.0	-0.9	0.0	1.3	5.9	1.6	7.7	41.9	0.0	14.1	1.5	9.6	0.0	8.6	0.0	5.5	0.4	0.0	3.8	-1.0	0.0
16	0.0	4.9	2.2	0.0	0.1	0.0	1.3	3.0	0.7	0.3	39.8	0.0	15.1	0.2	9.5	0.0	8.6	0.1	5.4	0.0	0.0	3.6	-0.3	0.0
17	-0.3	5.4	2.3	0.0	0.9	0.0	1.7	0.2	1.8	0.0	37.6	0.0	15.3	0.0	9.1	0.0	8.5	0.0	5.4	0.0	0.0	1.6	0.1	0.0
18	-0.8	0.5	2.3	0.0	1.7	0.0	2.1	0.0	2.5	0.0	34.9	0.0	15.1	1.4	8.8	0.0	8.0	20.6	4.7	0.1	0.0	2.7	0.4	0.0
19	-0.4	0.0	2.4	0.0	2.3	3.4	2.3	0.0	2.8	0.0	32.6	3.5	14.8	0.0	8.8	0.0	8.5	1.2	3.6	4.4	0.0	12.3	0.6	0.0
20	0.1	0.0	2.4	0.0	2.5	0.0	2.2	5.3	3.0	0.0	30.4	9.5	14.5	0.0	8.8	0.0	8.7	0.0	1.4	7.6	-1.5	0.0	0.3	1.8
21	0.5	0.0	2.5	0.0	2.4	0.0	2.0	0.2	3.2	0.0	27.8	7.2	14.4	5.4	8.6	0.0	8.2	4.0	0.9	3.5	-0.7	1.2	-0.1	8.8
22	0.8	0.0	2.5	1.1	2.3	0.0	2.1	0.4	4.0	0.0	27.6	2.3	14.7	0.0	8.4	0.0	7.7	9.8	1.9	0.0	-0.1	0.1	-2.3	9.1
23	1.0	0.0	2.4	0.0	2.2	0.0	2.2	1.0	5.1	0.0	27.6	1.1	14.4	0.0	8.3	0.0	8.2	0.0	2.4	1.1	0.3	0.0	-1.9	0.4
24	1.2	0.0	2.1	1.4	2.0	6.8	2.0	3.2	6.3	0.0	26.6	0.0	13.8	12.1	8.1	0.0	8.7	0.0	1.3	11.9	0.6	0.4	-0.9	0.4
25	1.4	0.0	2.1	0.1	0.6	6.1	1.9	1.6	9.5	0.6	30.6	0.0	13.7	7.9	8.0	0.9	9.0	0.0	0.8	2.0	0.8	1.8	-0.3	0.0
26	1.3	0.0	2.4	0.0	0.3	11.1	2.2	0.0	14.2	0.0	38.0	0.0	13.6	2.1	8.1	12.9	9.4	0.0	0.3	22.4	1.0	0.0	0.4	0.0
27	1.4	0.0	3.0	0.0	-1.5	2.6	2.5	0.0	16.1	0.0	41.4	0.0	14.2	0.0	8.2	13.4	9.7	0.0	0.3	14.9	1.2	5.5	0.9	0.0
28	1.5	0.0	3.4	0.0	-0.6	0.0	2.6	5.2	18.3	0.0	44.3	0.0	13.9	4.5	8.4	12.2	9.7	0.0	1.0	0.6	-2.0	6.8	1.2	0.0
29	1.6	0.0			0.4	0.1	1.1	8.1	21.1	0.0	47.2	0.0	13.9	1.9	8.7	3.4	8.2	0.0	1.8	0.0	-1.1	0.0	1.4	0.8
30	1.7	0.6			1.2	2.0	1.8	0.0	24.6	0.0	49.4	1.8	13.9	0.0	8.7	0.0	6.1	0.0	2.2	10.9	-1.1	22.8	1.6	0.0
31	1.8	0.0			1.2	5.5			28.1	0.0			13.5	0.0	8.9	0.2			0.0	6.3			0.9	9.5

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

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	62.7	4.2	90.1	62.3	60.6	26.2	80.9	75.9	59.7	101.7	205.1	148.5
Saugspannung 20 cm	Monatsmittel	1.1	4.5	3.3	2.5	5.2	57.5	16.0	10.7	8.4	7.4	0.5	0.2
(cbar)	Maximum	3.5	7.1	9.5	4.7	15.4	80.0	74.4	30.5	14.1	14.7	2.6	2.8
	Minimum	-0.2	3.2	-0.7	-0.3	-0.8	13.9	1.0	0.4	0.1	-0.1	-1.5	-2.1
Saugspannung 35 cm	Monatsmittel	0.4	2.2	1.3	1.7	5.8	39.5	23.8	9.9	8.6	3.9	-0.3	-0.9
(cbar)	Maximum	1.8	3.5	4.4	3.0	30.9	50.5	53.1	12.9	9.9	6.7	1.4	1.9
	Minimum	-1.5	1.1	-2.0	-1.6	-2.2	26.0	11.3	7.8	5.8	-0.2	-2.9	-3.4
Bodentemperatur 20 cm	Monatsmittel	3.7	3.2	6.5	9.6	14.0	19.3	20.6	19.6	18.0	13.6	7.7	5.0
(°C)	Maximum	7.0	5.8	9.4	13.5	17.5	22.2	23.5	22.4	20.0	16.6	11.6	7.5
	Minimum	0.0	1.4	3.0	6.9	0.0	16.1	18.1	16.4	14.9	11.4	3.6	3.3
Bodentemperatur 35 cm	Monatsmittel	1.8	3.5	6.3	9.2	13.3	18.2	19.9	19.1	18.1	16.8	9.0	5.7
(°C)	Maximum	7.2	5.6	8.9	11.9	15.7	20.2	20.9	19.7	19.6	18.0	15.9	7.2
	Minimum	-1.5	2.0	3.5	7.4	0.0	15.6	18.8	0.0	15.7	15.9	0.0	4.7
Lufttemperatur	Monatsmittel	2.8	3.1	7.0	9.0	15.1	20.9	21.2	20.4	18.4	16.8	4.8	3.7
(°C)	Maximum	15.0	16.8	19.4	22.2	26.8	31.5	35.4	36.0	33.0	26.7	12.2	13.5
	Minimum	-9.0	-7.4	-3.6	-2.8	0.0	9.5	9.9	8.6	6.0	0.0	-2.7	-6.3





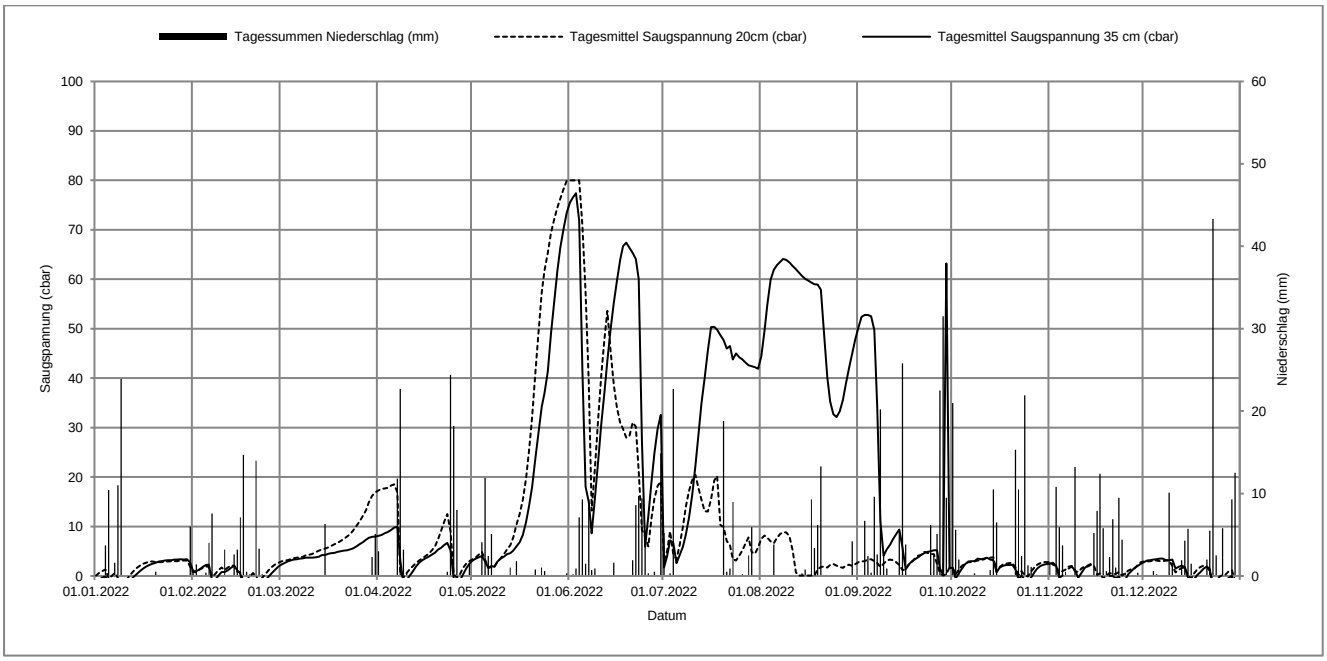
Darstellung der Tagesmittelwerte; Lücken = keine Daten

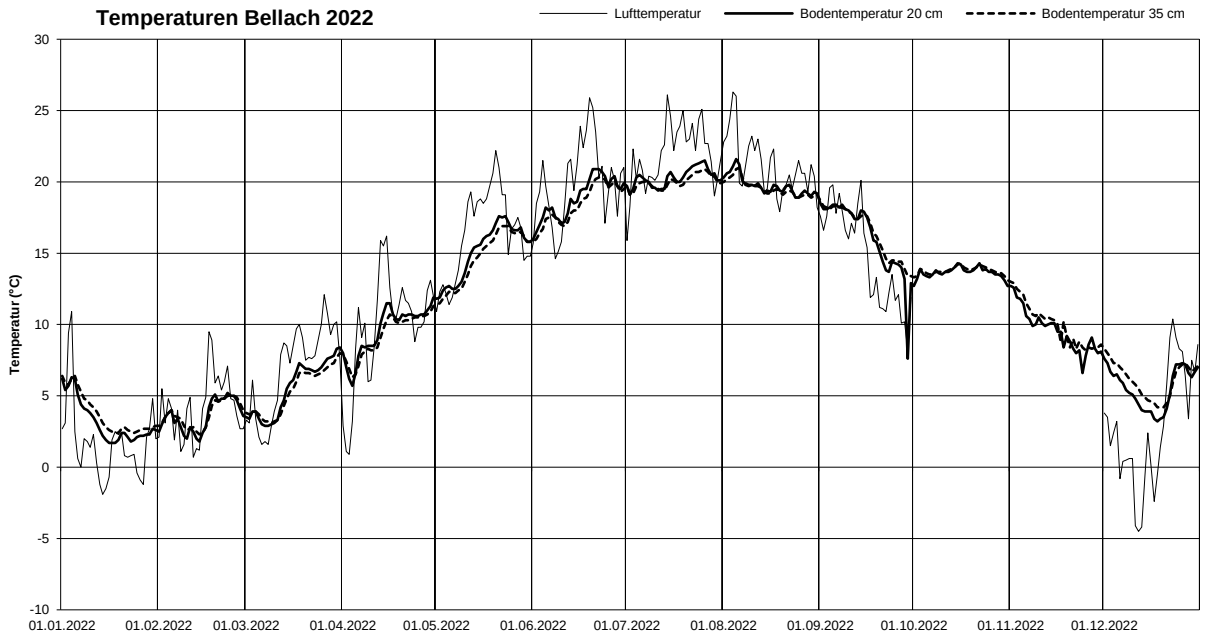
Bodenmesswerte	**Bellach**	**Wiese**	Braunerde-Gley
	Koordinaten	603887 / 228387, 430müM	schwerer Boden

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	-1.3	0.0	0.9	0.8	2.3	0.0	8.1	3.0	3.1	0.0	75.5	0.0	1.7	5.2	44.4	0.1	50.4	0.0	1.6	21.0	2.5	1.7	2.8	0.0
2	-0.8	0.0	1.0	1.4	2.6	0.0	8.3	0.0	3.5	0.0	76.6	0.2	4.1	0.0	49.6	0.0	52.4	0.1	-0.6	5.6	2.7	0.0	3.1	0.0
3	-0.3	0.0	1.3	0.0	2.9	0.0	8.6	0.0	3.8	0.1	77.4	0.9	7.2	0.3	55.0	0.0	52.8	6.7	0.5	2.0	2.1	10.8	3.2	0.0
4	-0.1	3.7	1.8	0.0	3.1	0.0	8.9	0.0	4.0	4.1	71.8	7.1	6.7	22.7	59.9	0.0	52.8	2.4	1.5	0.0	-0.4	5.9	3.3	0.6
5	-1.7	10.4	2.2	0.4	3.3	0.0	9.3	0.0	2.9	11.9	41.7	9.3	2.6	0.1	61.9	3.8	52.5	0.4	2.4	0.0	0.1	3.7	3.4	0.2
6	-1.4	0.0	2.3	4.0	3.4	0.0	9.8	0.0	1.6	2.4	18.1	1.5	4.2	0.0	62.9	0.1	49.7	9.6	2.9	0.0	0.0	0.5	3.5	0.0
7	-0.7	1.6	-0.9	7.6	3.5	0.0	9.9	11.8	2.0	5.1	14.9	9.3	5.9	0.0	63.5	0.0	34.3	2.6	3.0	0.0	1.5	0.1	3.5	0.0
8	-1.7	11.0	-0.8	0.0	3.6	0.0	3.2	22.7	1.8	0.1	8.6	0.7	8.3	0.0	64.1	0.0	11.1	20.2	3.0	0.3	1.9	0.0	3.2	0.0
9	-2.9	23.9	0.1	0.0	3.7	0.0	-1.7	3.2	2.9	0.0	15.6	0.9	11.7	0.0	63.9	0.0	4.1	2.7	3.5	0.0	1.1	13.2	3.2	10.1
10	-2.5	0.0	0.8	0.0	3.7	0.0	-0.8	0.3	3.5	0.0	23.0	0.0	16.3	0.0	63.4	0.0	5.4	0.9	3.4	0.0	-0.4	0.0	3.3	1.6
11	-1.8	0.0	0.8	3.2	3.7	0.0	0.1	0.0	3.9	0.0	30.7	0.0	22.2	0.0	62.7	0.0	6.3	0.1	3.5	0.0	0.6	0.0	1.5	0.0
12	-1.0	0.0	1.1	0.0	3.8	0.0	1.0	0.0	4.4	0.0	37.2	0.0	28.8	0.0	62.0	0.0	7.4	0.0	3.7	0.0	1.5	0.0	1.8	0.0
13	-0.2	0.0	1.6	0.0	3.9	0.0	1.9	0.0	4.6	1.0	43.5	0.0	34.9	0.0	61.4	0.0	8.4	0.0	3.3	0.7	2.1	0.0	2.1	1.9
14	0.4	0.0	2.1	2.6	4.2	0.0	2.7	0.0	5.1	0.0	49.8	0.0	40.0	0.0	60.7	0.3	9.4	5.6	3.2	10.5	2.4	0.1	1.8	4.3
15	1.0	0.0	1.1	3.2	4.2	6.3	3.2	0.0	6.0	1.8	55.2	1.6	45.6	0.0	60.1	0.8	5.8	25.8	0.8	6.5	0.0	5.2	-0.3	5.7
16	1.5	0.0	0.5	7.1	4.5	0.0	3.6	0.0	6.8	0.1	59.7	0.0	50.3	0.0	59.7	0.0	1.4	3.8	1.7	0.0	0.0	7.9	-1.8	1.5
17	1.9	0.0	-2.3	14.7	4.6	0.0	3.9	0.0	8.3	0.0	63.9	0.0	50.4	0.0	59.3	9.3	2.3	0.0	2.0	0.0	0.0	12.4	-0.7	0.0
18	2.2	0.0	-2.2	0.5	4.7	0.0	4.3	0.0	10.9	0.0	66.7	0.0	49.8	0.0	59.0	3.4	2.9	0.0	2.2	0.0	0.0	5.8	0.2	0.0
19	2.5	0.0	-1.5	0.2	4.9	0.0	4.7	0.0	14.0	0.0	67.4	0.0	48.7	0.0	58.9	6.2	3.4	0.0	2.2	0.0	0.0	0.6	0.8	0.0
20	2.7	0.5	-0.7	0.0	5.0	0.0	5.3	0.0	18.0	0.0	66.4	0.0	47.7	18.8	57.9	13.3	3.8	0.0	2.3	0.0	0.0	2.3	1.5	0.0
21	2.9	0.0	-1.4	14.0	5.1	0.0	5.7	0.0	23.7	0.8	65.3	1.9	46.0	0.5	49.0	0.0	4.3	0.0	1.3	15.3	0.0	6.9	1.9	2.0
22	3.0	0.0	-2.4	3.3	5.2	0.0	6.3	0.0	29.0	0.0	64.1	8.6	46.5	0.9	40.3	0.0	4.6	0.0	-0.7	10.5	-0.5	1.0	1.4	5.5
23	3.1	0.0	-1.7	0.2	5.4	0.0	6.7	0.5	34.2	1.0	60.0	9.7	43.8	9.0	35.3	0.0	4.9	0.0	0.1	2.4	-0.1	9.5	-2.4	43.3
24	3.2	0.0	-0.9	0.0	5.6	0.0	5.2	24.4	37.1	0.6	27.4	9.4	45.0	0.0	32.7	0.0	5.0	6.2	-0.8	21.9	-1.3	4.4	-2.4	2.5
25	3.2	0.0	-0.1	0.0	6.0	0.0	-0.5	18.2	41.4	0.0	5.9	4.2	44.2	0.0	32.1	0.0	5.2	2.4	-1.3	1.3	-0.7	0.4	-1.5	0.0
26	3.3	0.0	0.6	0.0	6.4	0.0	-1.8	8.0	49.1	0.0	12.1	0.3	43.8	0.2	33.3	0.0	5.2	5.1	-0.3	1.1	0.4	0.0	-1.2	5.8
27	3.3	0.0	1.2	0.0	6.8	0.0	-0.9	0.0	55.4	0.0	19.1	0.0	43.1	0.0	35.6	0.0	1.5	22.5	0.7	0.1	1.0	0.0	-1.0	0.0
28	3.4	0.0	1.8	0.0	7.3	0.0	0.3	0.0	61.8	0.0	24.8	0.5	42.6	2.5	38.8	0.0	0.2	31.5	1.5	0.0	1.6	0.0	-0.4	0.0
29	3.3	0.0			7.7	0.0	1.5	0.0	66.4	0.0	29.7	0.0	42.4	5.9	42.0	0.0	63.2	9.5	2.0	0.1	2.0	0.4	0.0	9.3
30	3.4	0.0			7.9	2.3	2.5	1.5	70.1	0.0	32.6	14.9	42.2	0.0	45.0	4.2	1.6	0.0	2.3	0.1	2.5	0.0	-2.1	12.5
31	2.7	6.0			8.0	5.1			73.4	0.3			41.9	0.0	48.0	0.1			2.4	0.0			-2.1	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	57.1	63.2	13.7	93.6	29.3	81.1	66.0	41.6	158.1	99.4	92.8	106.8
Saugspannung 20 cm	Monatsmittel	1.6	0.9	7.1	7.1	29.0	36.6	9.8	3.6	2.8	2.1	1.2	1.3
(cbar)	Maximum	3.8	3.0	17.2	19.6	80.0	80.0	24.6	9.3	5.2	4.1	3.0	3.4
	Minimum	-1.7	-1.6	2.6	-0.7	0.5	4.5	0.8	0.0	-0.1	-0.9	-0.9	-1.9
Saugspannung 35 cm	Monatsmittel	1.0	0.2	4.7	4.0	21.2	43.4	31.3	52.4	15.1	1.7	0.8	1.0
(cbar)	Maximum	3.5	2.4	8.5	10.9	75.0	78.1	50.7	64.3	80.0	4.3	3.3	3.7
	Minimum	-3.0	-3.0	2.1	-2.1	0.4	1.0	0.7	31.3	-0.1	-2.5	-2.3	-3.3
Bodentemperatur 20 cm	Monatsmittel	3.2	3.6	5.5	9.6	15.1	18.9	20.3	19.8	16.1	13.6	9.6	5.5
(°C)	Maximum	6.7	5.7	8.7	12.2	18.1	21.7	22.2	22.3	19.0	14.6	16.5	7.9
	Minimum	1.7	1.7	2.5	5.2	11.3	15.5	18.4	18.1	5.0	12.5	1.2	3.2
Bodentemperatur 35 cm	Monatsmittel	3.7	3.7	5.3	9.3	14.6	18.4	20.0	19.6	16.5	13.8	10.0	6.1
(°C)	Maximum	6.5	5.2	8.1	11.5	17.1	20.6	21.1	21.2	19.0	14.4	13.0	8.5
	Minimum	2.4	2.2	3.0	6.1	11.3	15.6	18.9	18.6	12.4	13.0	2.9	4.1
Lufttemperatur	Monatsmittel	1.7	4.2	6.9	9.8	16.4	20.0	21.9	21.2	14.8	NA	NA	2.9
(°C)	Maximum	14.0	14.6	20.5	23.6	30.6	34.7	36.6	37.0	36.6	23.1	14.6	12.5
	Minimum	-5.4	-4.0	-5.2	-3.8	3.7	7.1	9.3	11.3	3.9	0.0	0.0	-7.8





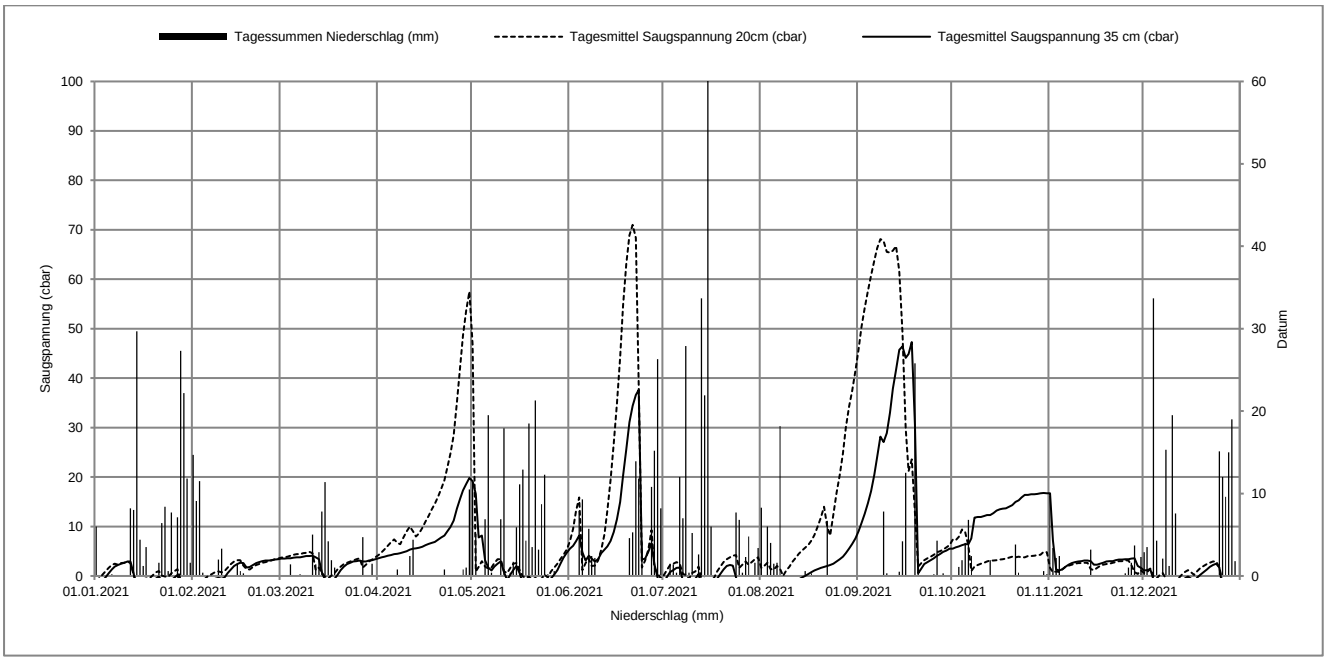
Darstellung der Tagesmittelwerte; Lücken = keine Daten

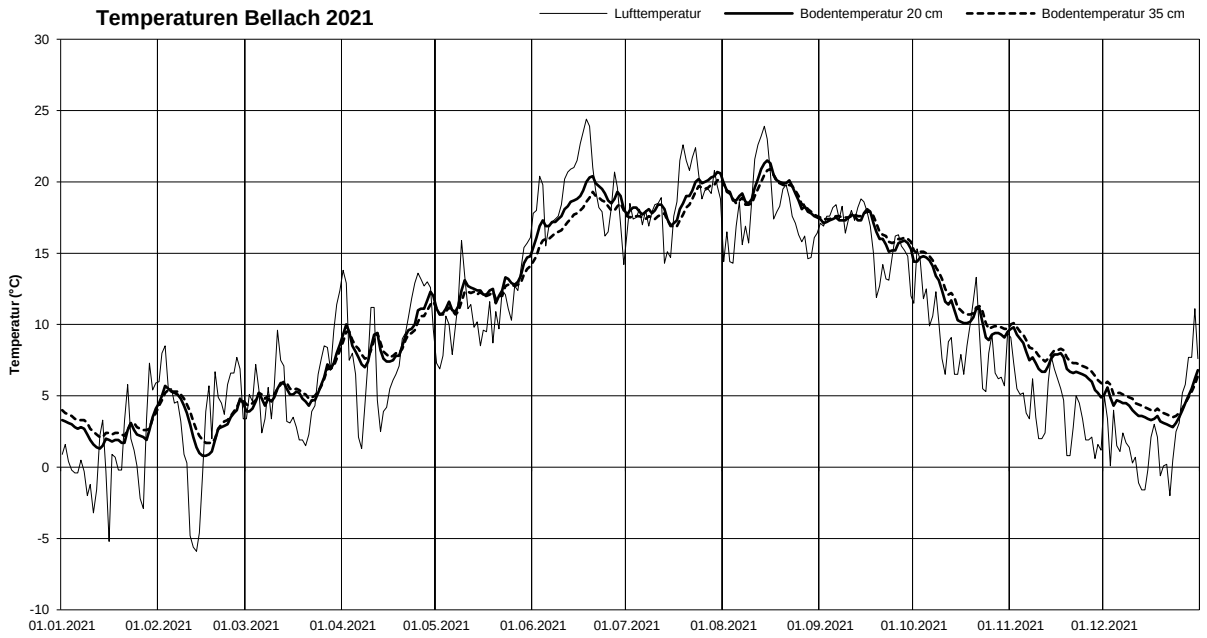
Bodenmesswerte	**Bellach**	**Wiese**	Braunerde-Gley
	Koordinaten	603887 / 228387, 430müM	schwerer Boden

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	-2.2	6.0	-2.7	14.7	3.5	0.0	3.6	0.0	19.2	11.5	5.5	0.0	-1.2	0.2	-2.5	8.3	9.1	0.0	5.5	0.0	16.7	9.7	1.1	2.9
2	-1.7	0.0	-2.6	9.1	3.5	0.0	3.8	0.0	16.6	5.1	6.1	0.0	-0.1	0.0	-2.5	0.0	10.7	0.0	5.8	0.0	7.2	3.4	1.2	3.5
3	-1.1	0.0	-2.6	11.5	3.6	0.0	3.9	0.0	7.8	0.0	7.0	0.0	0.8	1.5	-1.9	6.0	12.6	0.0	6.0	1.1	1.3	2.2	1.4	0.0
4	-0.3	0.0	-2.4	0.4	3.6	1.4	4.1	0.0	8.2	0.0	8.2	7.9	1.2	1.4	-3.1	4.0	14.7	0.1	6.2	1.9	1.1	2.4	-0.7	33.7
5	0.5	0.0	-1.8	0.0	3.7	0.0	4.2	0.0	3.2	6.9	4.8	9.3	1.6	0.4	-3.3	1.5	17.2	0.0	6.4	4.0	1.4	0.0	-1.9	4.3
6	1.3	0.2	-1.3	0.1	3.8	0.0	4.4	0.0	1.7	19.5	3.1	0.0	1.7	12.0	-2.7	1.6	20.5	0.0	6.4	6.8	1.9	0.0	-1.2	0.1
7	1.9	0.0	-1.0	0.1	3.8	0.2	4.5	0.8	1.1	0.4	4.1	5.7	-1.0	7.0	-3.3	18.2	24.1	0.0	7.6	2.4	2.3	0.0	-0.8	2.1
8	2.2	0.0	-0.6	0.0	3.9	0.0	4.6	0.0	1.9	0.0	3.5	2.4	-1.2	27.9	-4.6	0.0	28.2	0.0	11.8	0.0	2.6	0.0	-2.0	15.3
9	2.5	0.0	-0.4	2.0	4.0	0.0	4.8	0.0	2.5	0.0	2.9	2.2	-2.0	0.4	-3.6	0.0	27.1	7.8	11.9	0.0	2.8	0.0	-2.2	1.2
10	2.7	0.0	-0.6	3.3	4.0	0.0	5.0	0.0	2.9	6.9	3.4	0.0	-0.8	5.2	-2.8	0.0	28.9	0.3	11.9	0.0	2.9	0.0	-1.8	19.5
11	2.9	0.0	-0.3	0.0	4.1	5.0	5.3	2.4	0.8	17.9	4.6	0.0	-0.6	0.0	-1.9	0.0	33.0	0.0	12.1	0.0	3.0	0.0	-2.5	7.6
12	2.9	8.2	0.6	0.0	3.8	1.4	5.5	4.4	-0.8	0.1	5.3	0.0	0.4	2.6	-1.3	0.0	37.9	0.0	12.3	0.0	3.1	0.0	-1.9	0.0
13	0.5	8.0	1.3	0.0	3.4	2.9	5.6	0.0	0.3	0.4	6.0	0.0	-2.1	33.7	-0.7	0.0	41.7	0.0	12.3	1.9	3.1	0.1	-1.2	0.0
14	-2.9	29.7	2.0	0.0	0.8	7.8	5.7	0.0	1.2	1.7	7.1	0.0	-2.0	21.9	-0.3	0.1	45.7	0.5	12.7	0.0	3.0	3.2	-0.5	0.0
15	-2.8	4.4	2.4	1.5	-0.8	11.4	5.9	0.0	2.0	5.9	8.9	0.0	-3.0	68.3	0.0	0.6	46.4	4.2	13.2	0.0	2.3	0.0	-0.1	0.0
16	-2.0	1.2	2.7	0.6	-1.8	4.2	6.2	0.0	0.5	11.1	11.5	0.0	-2.5	6.0	0.4	0.1	44.1	12.5	13.5	0.0	2.3	0.0	-0.6	0.0
17	-1.8	3.5	2.6	0.3	-1.2	1.9	6.5	0.0	-1.5	12.9	15.0	0.0	-1.7	0.1	0.8	0.3	44.9	0.0	13.6	0.0	2.5	0.0	-1.2	0.0
18	-1.8	0.0	1.7	0.0	-0.6	1.0	6.7	0.0	-1.8	4.3	20.2	0.0	-0.6	0.1	1.1	0.0	47.3	0.0	13.7	0.0	2.7	0.0	-0.3	0.0
19	-1.2	0.0	1.8	0.1	0.2	0.0	6.9	0.0	-1.5	18.5	25.5	0.0	0.4	0.0	1.4	0.0	30.4	25.8	14.0	0.0	2.9	0.0	0.3	0.0
20	-0.6	0.0	2.2	0.0	1.2	0.0	7.3	0.0	-2.2	3.5	31.1	4.6	1.3	0.0	1.6	0.0	0.5	0.8	14.3	0.0	3.0	0.0	0.8	0.0
21	-0.1	1.6	2.6	0.0	1.9	0.0	7.8	0.1	-1.9	21.3	34.4	5.3	2.0	0.0	1.8	0.0	1.5	0.0	15.0	3.8	3.0	0.0	1.3	0.0
22	-1.0	6.4	2.8	0.0	2.4	0.0	8.2	0.8	-2.3	3.2	36.6	13.9	2.2	0.0	2.0	6.7	2.4	0.0	15.3	0.4	3.2	0.0	1.8	0.0
23	-1.4	8.4	3.0	0.0	2.7	0.0	9.0	0.0	-2.0	8.7	37.6	11.8	2.1	0.0	2.2	0.0	2.8	0.0	15.9	0.0	3.3	0.0	2.2	0.0
24	-1.5	0.6	3.1	0.0	2.9	0.0	9.9	0.0	-1.1	12.3	3.3	4.1	-0.3	7.7	2.5	0.0	3.2	0.0	16.4	0.0	3.3	0.0	2.5	0.0
25	-0.8	7.7	3.1	0.0	3.0	0.0	11.2	0.0	-1.7	0.2	3.5	0.0	-2.2	6.8	2.9	0.0	3.6	0.2	16.4	0.0	3.4	0.3	1.7	15.1
26	-0.3	0.1	3.2	0.0	3.1	0.0	13.6	0.0	-0.5	0.0	4.9	0.0	-2.3	0.4	3.4	0.0	4.1	4.3	16.5	0.0	3.4	1.0	-2.5	12.0
27	0.2	7.1	3.3	0.0	2.9	4.7	15.6	0.0	0.3	0.6	6.6	10.8	-1.7	2.3	3.9	0.0	4.4	0.0	16.5	0.0	3.5	1.6	-2.4	9.6
28	-2.0	27.3	3.4	0.0	2.9	0.0	17.3	0.8	1.2	0.0	2.4	15.2	-2.2	4.8	4.6	0.1	4.9	0.3	16.6	0.0	3.6	3.7	-2.8	15.0
29	-2.8	22.2			3.1	0.0	18.6	1.0	2.4	0.0	-0.4	26.3	-1.9	0.0	5.5	0.1	5.1	0.1	16.7	0.0	2.0	0.1	-2.7	19.0
30	-2.7	11.8			3.2	1.5	19.8	10.5	3.7	0.0	-1.9	8.2	-1.4	1.6	6.5	0.0	5.5	0.0	16.8	0.6	1.6	2.3	-2.5	1.8
31	-2.6	1.6			3.4	0.0			4.7	0.0			-1.1	3.4	7.6	0.0			16.7	0.2			-1.8	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	156.0	43.7	43.4	20.8	172.9	127.8	215.8	47.4	56.9	23.1	30.0	162.8
Saugspannung 20 cm	Monatsmittel	0.5	1.5	2.8	17.6	2.9	19.9	1.6	10.7	34.7	4.3	2.0	0.4
(cbar)	Maximum	3.1	3.8	5.4	59.6	54.4	71.9	4.5	44.1	69.6	9.7	4.8	3.0
	Minimum	-1.7	-1.3	-0.9	4.0	-1.3	-1.0	-1.9	-0.8	0.5	0.5	0.0	-1.6
Saugspannung 35 cm	Monatsmittel	-0.5	0.9	2.5	7.9	2.1	10.3	-0.6	0.5	20.1	12.6	3.3	-0.6
(cbar)	Maximum	3.0	3.6	4.3	21.4	19.6	42.4	2.8	8.4	50.2	25.9	16.8	2.7
	Minimum	-3.0	-2.7	-2.2	3.2	-2.7	-2.4	-3.2	-5.5	-0.3	0.7	0.8	-3.0
Bodentemperatur 20 cm	Monatsmittel	2.4	3.4	5.4	9.1	12.4	18.4	18.7	19.3	16.7	11.4	7.3	4.1
(°C)	Maximum	4.5	5.9	9.7	12.9	16.0	21.0	21.3	22.2	18.3	14.9	9.9	6.9
	Minimum	1.2	0.8	3.4	6.2	9.9	14.4	16.6	17.1	14.8	8.7	4.8	2.7
Bodentemperatur 35 cm	Monatsmittel	2.9	3.7	5.5	9.0	12.1	17.4	18.2	19.2	17.0	12.0	7.9	4.6
(°C)	Maximum	4.1	5.5	8.8	11.8	14.4	19.4	20.3	21.1	18.1	15.6	10.1	6.5
	Minimum	2.0	1.7	4.1	7.3	10.3	14.1	16.7	17.5	15.6	9.6	5.8	3.4
Lufttemperatur	Monatsmittel	0.8	3.4	5.5	8.5	11.1	19.2	18.7	17.9	16.2	9.1	4.0	2.4
(°C)	Maximum	9.1	17.9	24.2	24.7	25.6	32.5	30.1	31.5	28.5	22.1	11.1	14.8
	Minimum	-10.2	-8.7	-3.4	-3.2	1.4	8.5	10.5	8.6	6.4	-1.1	-1.6	-4.0





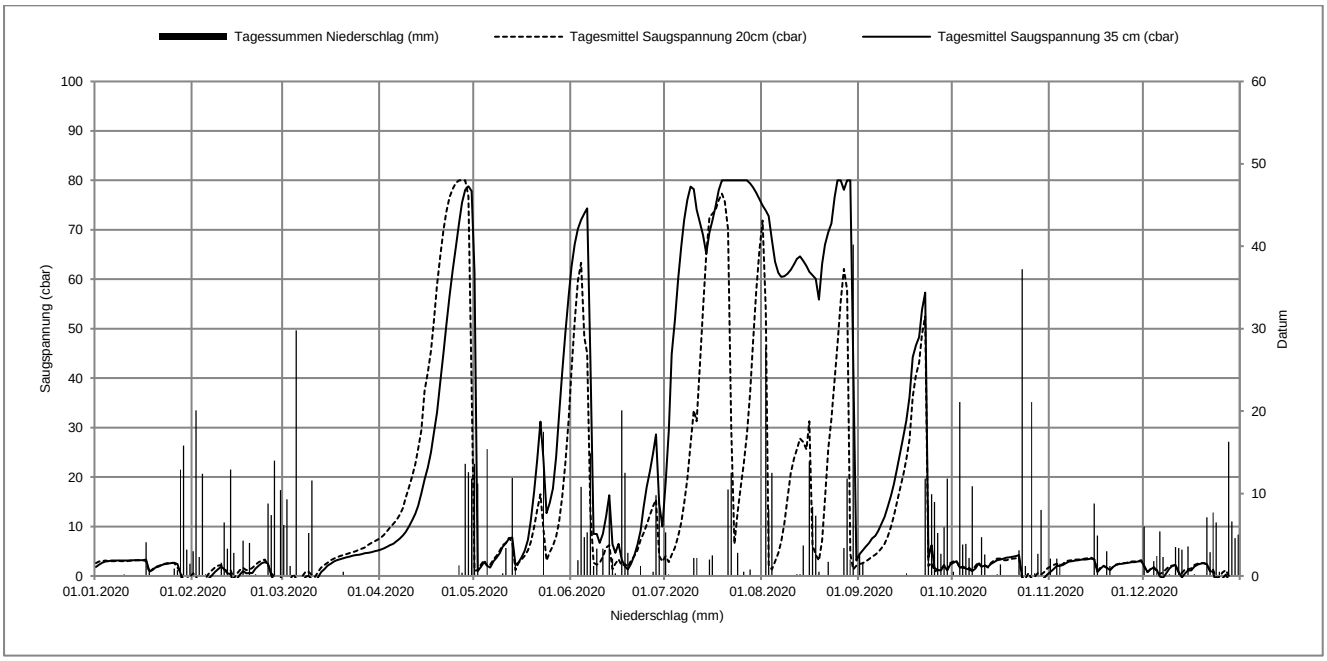
Darstellung der Tagesmittelwerte; Lücken = keine Daten

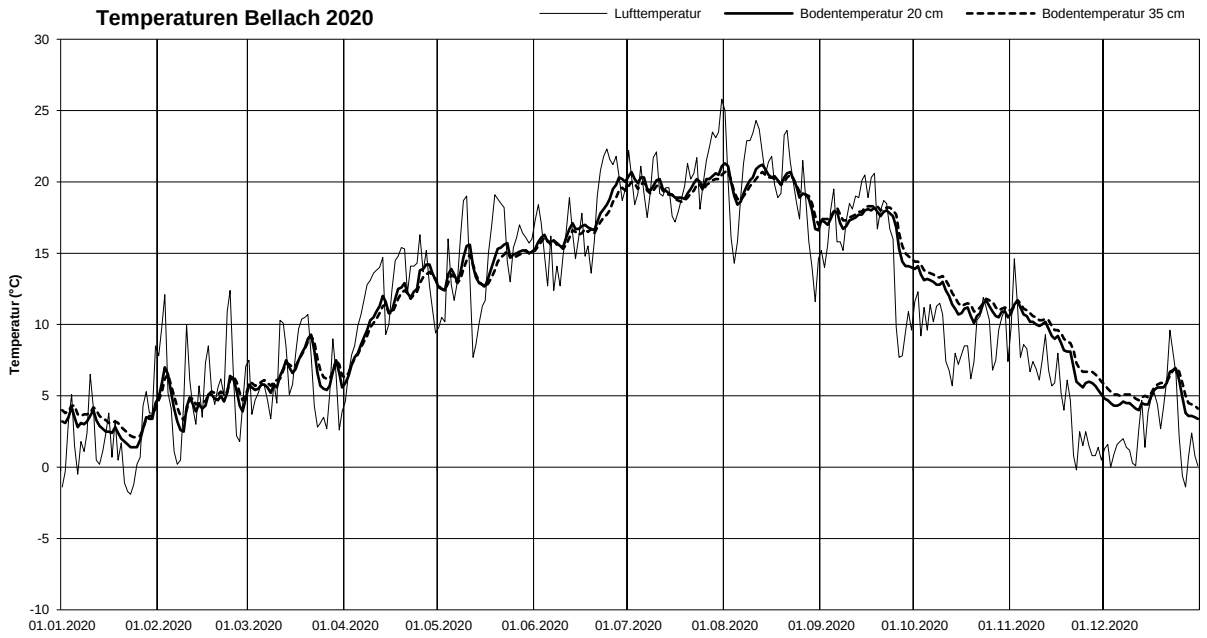
Bodenmesswerte	**Bellach**	**Wiese**	Braunerde-Gley
	Koordinaten	603887 / 228387, 430müM	schwerer Boden

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	1.8	0.0	-0.6	3.0	-2.5	6.2	5.3	0.0	61.4	13.6	62.5	0.0	18.8	5.3	74.9	0.0	4.4	2.7	2.7	0.5	0.8	2.1	2.1	6.0
2	2.3	0.0	-1.3	20.1	-1.7	9.3	5.6	0.0	1.0	11.2	67.1	0.0	29.4	0.2	73.9	27.7	5.2	1.6	3.0	0.0	1.4	0.1	0.8	0.0
3	2.7	0.0	-2.4	2.3	-2.0	1.2	5.9	0.0	1.8	0.0	70.2	1.9	44.9	0.0	72.8	8.1	5.9	0.0	1.7	21.1	2.0	2.1	1.4	0.0
4	2.9	0.1	-2.4	12.4	-0.8	0.0	6.2	0.0	2.8	0.0	72.0	10.8	51.7	0.0	68.0	12.5	6.6	0.0	1.7	3.8	2.0	1.5	1.7	1.8
5	3.0	0.0	-1.7	0.2	-1.6	29.8	6.5	0.0	2.0	15.4	73.3	4.7	59.9	0.0	63.5	0.0	7.6	0.0	1.5	3.9	2.2	0.0	1.2	2.4
6	3.1	0.0	-0.6	0.0	-2.5	0.1	7.0	0.0	1.7	0.0	74.3	5.3	66.7	0.0	61.3	0.0	8.1	0.0	1.3	2.2	2.6	0.0	-0.1	5.4
7	3.1	0.0	0.1	0.0	-1.2	0.0	7.5	0.0	2.9	0.0	43.8	14.9	72.0	0.0	60.5	0.0	9.1	0.0	1.0	10.9	2.9	0.0	-0.4	2.3
8	3.1	0.0	0.8	0.0	-0.1	0.0	8.2	0.0	3.7	0.0	8.5	1.2	76.1	0.0	60.6	0.0	10.5	0.0	1.5	0.0	3.0	0.0	0.5	0.0
9	3.1	0.0	1.4	0.0	0.0	5.2	8.9	0.0	4.6	0.0	8.5	3.3	78.7	0.0	61.1	0.0	11.9	0.0	2.5	0.0	3.1	0.0	1.5	0.2
10	3.1	0.2	1.9	1.6	-0.7	11.6	10.0	0.0	5.9	0.3	6.7	0.1	78.2	2.2	61.9	0.0	14.0	0.0	1.9	4.7	3.2	0.0	2.0	0.1
11	3.1	0.0	1.4	6.5	-1.4	0.0	11.2	0.0	6.6	3.4	8.5	3.3	74.1	2.2	63.0	0.0	16.2	0.0	2.1	2.6	3.3	0.0	2.2	3.5
12	3.1	0.0	0.5	3.3	-0.2	0.0	12.6	0.0	7.6	0.1	12.0	0.0	71.5	0.0	64.1	0.2	18.5	0.0	1.8	0.0	3.3	0.0	0.8	3.4
13	3.2	0.0	0.4	12.9	0.8	0.0	14.2	0.0	7.8	11.9	16.3	9.3	68.9	0.0	64.6	0.2	21.7	0.0	2.4	0.0	3.4	0.0	-0.3	3.2
14	3.2	0.0	-1.8	2.8	1.4	0.0	16.7	0.0	2.2	1.4	6.4	2.1	65.2	0.0	63.7	3.7	25.0	0.0	2.8	0.0	3.5	0.0	0.5	0.0
15	3.2	0.0	-0.7	0.0	2.1	0.0	19.5	0.0	2.7	0.0	4.7	0.3	69.5	2.0	62.7	0.0	28.3	0.0	3.2	0.2	3.4	8.8	1.1	3.6
16	3.2	0.0	0.3	0.0	2.5	0.0	21.9	0.0	3.8	0.0	6.5	0.0	71.8	2.5	61.5	13.9	31.4	0.3	3.3	1.4	0.8	4.9	1.1	0.0
17	3.3	4.1	1.0	4.3	2.9	0.0	25.0	0.0	5.1	0.0	3.3	20.1	74.7	0.0	60.8	8.4	36.2	0.0	3.5	0.1	1.5	0.0	1.9	0.2
18	1.0	0.6	0.5	0.0	3.2	0.0	28.9	0.0	7.3	0.0	1.9	12.5	78.0	0.0	60.1	7.3	44.2	0.0	3.7	0.0	2.0	0.0	2.3	0.0
19	1.2	0.0	0.6	4.0	3.4	0.0	33.1	0.0	11.3	0.0	1.3	2.8	80.0	0.0	55.9	0.5	46.6	0.1	3.8	0.0	1.7	3.0	2.5	0.0
20	1.7	0.0	0.6	0.0	3.6	0.5	39.2	0.0	16.9	0.0	2.5	0.0	80.0	0.0	63.1	0.1	48.3	0.0	3.9	0.0	1.2	1.2	2.6	0.0
21	1.9	0.0	1.5	0.2	3.8	0.0	45.1	0.0	23.6	0.0	4.1	0.0	80.0	10.5	67.0	0.0	53.8	0.0	4.0	0.0	1.8	0.0	2.4	7.1
22	2.2	0.0	2.1	0.0	3.9	0.0	50.7	0.0	31.2	0.0	6.3	0.0	80.0	12.5	69.5	1.7	57.3	11.8	4.2	3.1	2.2	0.0	0.9	2.9
23	2.4	0.0	2.6	0.0	4.1	0.0	56.6	0.0	23.9	17.5	9.2	1.2	80.0	0.0	71.3	0.0	3.8	8.6	-0.4	37.2	2.4	0.0	0.9	7.7
24	2.5	0.0	2.8	0.0	4.2	0.0	61.9	0.0	12.7	0.0	13.8	0.0	80.0	2.8	76.6	0.0	6.2	9.9	-1.7	1.2	2.5	0.0	-1.7	6.5
25	2.6	0.0	2.5	8.8	4.3	0.0	66.6	0.0	14.8	0.0	18.0	0.0	80.0	0.0	80.0	0.0	1.6	9.0	-0.6	0.0	2.6	0.0	-1.5	0.5
26	2.7	0.9	0.1	7.4	4.4	0.0	71.5	1.3	17.7	0.0	21.2	0.0	80.0	0.5	80.0	0.0	1.2	5.2	-1.8	21.1	2.7	0.0	-0.5	0.0
27	2.4	0.7	-1.1	14.0	4.6	0.0	75.5	0.4	24.1	0.0	24.9	0.5	80.0	0.0	78.1	3.4	1.1	2.7	-1.5	0.3	2.8	0.0	0.3	0.0
28	0.4	12.9	-2.1	0.0	4.7	0.0	78.1	13.6	32.4	0.0	28.6	9.8	79.4	0.8	80.0	11.8	2.1	5.9	-0.6	2.7	2.8	0.0	-0.8	16.3
29	-2.2	15.8	-1.4	10.4	4.8	0.0	78.8	12.6	41.2	0.0	14.6	9.4	78.6	0.0	80.0	2.0	1.1	11.8	-1.0	8.0	2.9	0.0	-2.4	6.6
30	-1.8	3.2			5.0	0.0	77.8	11.8	49.3	0.0	10.0	0.0	77.5	0.0	44.0	40.2	2.3	0.0	-0.4	0.0	3.0	0.0	-2.5	4.6
31	-1.3	1.5			5.1	0.0			56.5	0.0			76.2	0.0	3.1	0.0			0.3	0.0			-2.1	5.0

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	40.0	114.2	63.9	40.5	74.0	113.5	41.5	141.7	69.6	125.0	23.7	89.3
Saugspannung 20 cm	Monatsmittel	2.3	1.0	2.8	41.5	7.4	14.8	37.8	22.9	13.6	1.9	2.6	1.1
(cbar)	Maximum	3.5	3.3	7.6	80.0	37.8	64.4	77.9	74.4	58.0	3.8	3.9	3.2
	Minimum	-1.7	-1.8	-2.0	0.8	0.0	0.4	1.5	0.2	0.2	-1.6	0.1	-1.4
Saugspannung 35 cm	Monatsmittel	2.1	0.2	1.7	32.0	15.7	23.3	70.5	64.5	17.7	1.6	2.4	0.6
(cbar)	Maximum	3.8	3.0	5.5	79.1	73.7	75.0	80.0	80.0	63.1	4.5	3.6	3.0
	Minimum	-3.0	-3.0	-3.1	4.6	0.5	0.4	13.8	1.0	0.3	-2.9	0.2	-2.7
Bodentemperatur 20 cm	Monatsmittel	2.8	4.8	6.5	11.1	14.2	17.2	19.8	19.7	17.0	11.7	8.5	4.8
(°C)	Maximum	5.1	7.4	9.8	15.5	16.5	21.2	22.4	22.2	18.8	14.4	11.9	7.2
	Minimum	1.4	2.3	4.6	4.9	11.7	14.5	17.5	15.8	13.7	9.8	5.0	3.3
Bodentemperatur 35 cm	Monatsmittel	3.3	5.0	6.8	10.8	13.9	16.8	19.5	19.7	17.4	12.3	9.1	5.4
(°C)	Maximum	4.6	6.7	9.4	13.9	15.3	19.8	21.0	21.0	18.6	14.5	11.8	7.0
	Minimum	2.1	3.2	5.5	6.0	12.1	14.8	18.3	16.7	14.5	10.8	5.9	4.0
Lufttemperatur	Monatsmittel	1.9	5.7	6.2	12.2	14.4	17.3	20.4	19.7	16.0	9.4	5.4	2.6
(°C)	Maximum	13.3	18.1	20.1	24.4	26.8	29.7	35.6	32.8	30.5	18.2	20.6	12.5
	Minimum	-4.6	-4.5	-2.6	-3.0	3.1	8.4	9.2	8.5	5.2	1.0	-3.8	-5.0





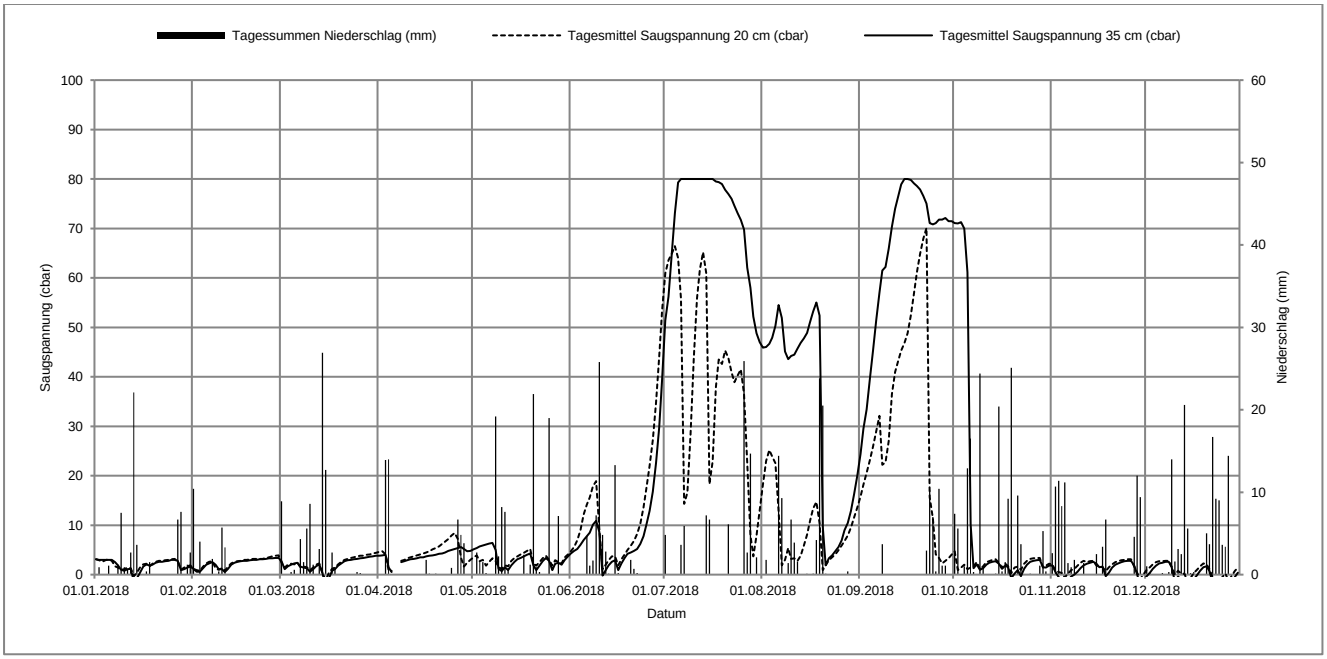
Darstellung der Tagesmittelwerte; Lücken = keine Daten

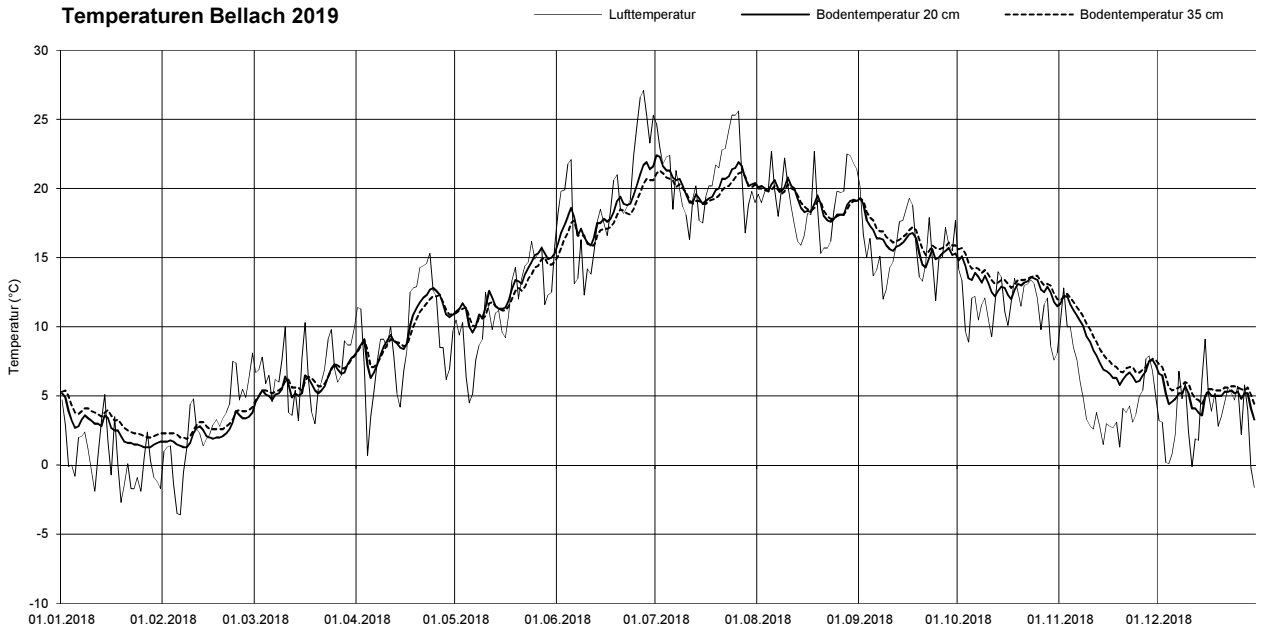
Bodenmesswerte	**Bellach**	**Wiese**	Braunerde-Gley
	Koordinaten	603887 / 228387, 430müM	schwerer Boden

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	3.1	0.0	1.2	10.4	2.7	8.9	3.8	0.0	5.1	0.0	4.3	0.0	51.4	4.8	45.9	0.0	24.4	0.0	71.1	7.4	1.9	2.6	-0.3	1.0
2	3.0	0.9	0.6	0.0	1.1	0.0	3.9	0.0	5.4	2.7	4.8	0.0	56.2	0.0	46.0	1.8	29.5	0.0	71.0	5.6	0.5	10.7	0.4	0.2
3	3.0	0.0	0.6	4.0	1.7	0.0	4.0	13.9	5.7	1.6	5.2	0.0	64.7	0.0	46.7	0.0	33.4	0.0	71.3	0.0	-0.5	11.4	1.2	0.0
4	3.0	0.0	1.3	0.0	2.0	0.3	1.4	14.0	5.9	1.5	6.0	0.0	73.1	0.0	47.9	0.0	39.5	0.0	70.0	1.0	-1.0	8.3	1.8	0.0
5	3.0	1.1	2.0	0.0	2.3	0.6	0.5	0.0	6.1	0.2	7.0	0.0	79.3	0.0	50.3	0.0	45.3	0.0	61.1	12.9	-2.1	11.2	2.3	0.0
6	3.0	0.0	2.3	0.0	2.4	0.0	0.0	0.0	6.3	0.0	7.8	4.7	80.0	3.6	54.5	14.4	51.5	0.0	10.1	16.5	-1.3	1.4	2.4	0.2
7	2.5	0.0	2.5	1.9	1.6	4.3	0.0	0.0	6.4	0.0	8.5	1.1	80.0	5.9	51.9	9.3	57.0	0.0	1.3	0.3	-0.4	0.9	2.6	0.0
8	1.9	1.2	2.0	0.0	1.4	1.5	2.5	0.0	5.0	19.2	10.1	1.7	80.0	0.0	45.1	0.0	61.5	3.7	2.1	0.0	0.0	1.8	2.6	0.3
9	1.0	7.5	1.1	0.4	1.3	5.6	2.7	0.0	1.2	2.2	10.9	7.2	80.0	0.0	43.6	1.4	62.2	0.0	1.0	24.4	0.6	0.0	1.5	14.0
10	0.8	0.9	1.1	5.7	0.6	8.6	2.9	0.0	0.7	8.2	8.6	25.8	80.0	0.0	44.2	6.7	65.9	0.0	1.3	1.0	1.3	0.0	-1.4	1.6
11	1.1	0.6	0.5	3.3	1.1	1.2	3.1	0.0	1.5	7.6	-0.2	4.8	80.0	0.0	44.5	3.9	70.4	0.0	2.0	0.0	1.9	1.4	-0.4	3.1
12	1.2	2.7	1.2	0.0	1.7	0.0	3.2	0.0	0.9	0.7	0.9	2.8	80.0	0.0	45.7	1.6	74.0	0.0	2.4	0.0	2.2	0.0	-1.1	2.5
13	-1.4	22.1	2.0	0.0	2.1	3.1	3.3	0.0	1.9	0.0	1.9	0.1	80.0	0.0	46.9	0.0	76.6	0.0	2.6	0.0	2.4	0.0	-1.0	20.6
14	-0.8	3.6	2.4	0.0	0.3	26.9	3.5	0.0	2.6	0.0	2.6	0.0	80.0	7.2	47.8	0.0	78.9	0.0	2.7	0.1	2.6	0.0	-3.0	5.6
15	0.4	0.0	2.6	0.0	-2.5	12.7	3.5	0.0	3.1	0.0	2.9	13.3	80.0	6.7	48.9	0.1	80.0	0.0	2.2	20.4	2.2	2.5	-2.1	0.2
16	1.6	0.0	2.7	0.0	-0.8	0.0	3.7	1.8	3.4	0.0	0.9	0.2	80.0	0.0	51.0	0.0	80.0	0.0	1.2	0.4	1.5	0.0	-1.0	0.3
17	2.1	0.4	2.8	0.0	0.8	2.7	3.8	0.1	3.7	2.4	2.3	0.0	79.5	0.0	53.2	0.1	79.8	0.0	1.8	1.5	1.6	3.4	-0.1	0.0
18	1.8	1.5	2.8	0.0	1.1	0.7	3.9	0.0	4.0	0.1	3.4	0.0	79.4	0.0	55.0	4.2	79.1	0.0	1.5	9.2	-0.3	6.7	0.8	0.0
19	2.0	0.0	2.9	0.0	1.8	0.0	4.0	0.1	4.3	1.2	4.2	0.0	79.0	0.0	52.4	23.8	78.6	0.0	-0.7	25.1	0.4	0.0	1.5	0.0
20	2.4	0.0	3.0	0.0	2.3	0.0	4.2	0.0	1.9	21.9	4.5	1.8	77.8	0.0	9.7	20.5	77.9	0.0	0.2	0.0	1.4	0.0	1.7	5.0
21	2.6	0.0	3.0	0.0	2.7	0.0	4.3	0.0	0.9	0.9	4.8	0.7	77.0	6.1	1.9	0.1	76.6	0.0	0.9	9.6	2.0	0.0	0.7	3.7
22	2.6	0.0	3.1	0.0	2.9	0.0	4.5	0.0	1.8	0.3	5.2	0.2	76.0	0.0	3.3	0.0	75.0	2.9	-0.3	3.7	2.3	0.0	-1.6	16.7
23	2.7	0.0	3.1	0.0	3.0	0.0	4.8	0.0	2.7	0.0	6.2	0.0	74.6	0.0	3.9	0.0	71.1	10.2	1.2	0.0	2.5	0.0	-2.5	9.2
24	2.8	0.0	3.2	0.0	3.1	0.0	5.0	0.8	3.4	0.0	7.8	0.0	73.1	0.0	4.7	0.0	70.8	7.0	2.0	0.0	2.7	0.0	-2.4	9.0
25	3.0	0.0	3.3	0.0	3.2	0.3	5.2	0.0	2.8	19.0	10.1	0.0	71.7	0.0	5.6	0.0	71.1	0.4	2.6	0.1	2.8	0.0	-1.8	3.6
26	3.0	0.0	3.3	0.0	3.3	0.2	5.4	6.7	0.9	0.0	12.9	0.0	69.8	25.9	6.9	0.0	71.8	10.4	2.8	0.0	2.8	0.0	-1.0	3.4
27	2.8	6.7	3.4	0.0	3.4	0.0	5.6	4.8	2.2	0.0	16.8	0.0	62.1	2.7	9.0	0.0	71.8	1.1	2.9	0.0	1.8	4.6	-2.3	14.4
28	0.9	7.6	3.4	0.0	3.5	0.0	5.2	3.8	2.4	7.1	22.5	0.0	58.0	14.7	10.4	0.4	72.1	1.1	3.0	1.1	0.1	12.0	-1.6	0.0
29	1.1	0.0			3.6	0.0	4.7	0.0	2.0	0.0	29.8	0.0	52.2	0.0	12.9	0.0	71.5	0.0	1.5	5.3	-2.3	9.4	-0.5	0.0
30	1.4	1.2			3.7	0.0	4.8	0.0	3.0	0.0	39.4	0.0	48.8	2.1	16.3	0.0	71.5	0.0	1.4	0.4	-1.3	0.0	0.4	0.0
31	1.6	2.7			3.8	0.0			3.7	0.0			47.0	0.0	20.1	0.0			1.8	0.0			1.1	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	60.7	25.7	77.6	46.0	96.8	64.4	79.7	46.0	36.8	146.0	88.3	114.6
Saugspannung 20 cm	Monatsmittel	2.1	2.5	2.3	4.4	3.0	12.9	39.6	9.2	30.6	2.1	1.6	0.9
(cbar)	Maximum	3.5	4.0	4.5	8.9	5.6	58.9	67.3	25.9	71.2	5.2	3.2	3.0
	Minimum	-1.1	0.2	-1.5	0.4	0.3	0.3	1.1	0.3	0.6	-0.2	-1.2	-2.0
Saugspannung 35 cm	Monatsmittel	1.9	2.3	2.0	3.9	3.3	8.5	71.9	33.1	65.7	12.7	0.9	-0.1
(cbar)	Maximum	8.7	4.2	3.8	5.6	6.7	49.5	80.0	55.6	80.0	71.7	2.9	2.7
	Minimum	-2.6	0.1	-2.9	0.2	-0.2	-0.9	45.7	0.4	20.7	-1.5	-2.7	-3.4
Bodentemperatur 20 cm	Monatsmittel	-	-	5.9	9.8	12.7	18.4	20.5	19.1	16.1	13.1	8.1	4.9
(°C)	Maximum	-	-	8.8	13.8	16.6	23.1	23.4	21.4	19.6	15.3	12.5	6.9
	Minimum	-	-	4.3	5.7	8.7	14.8	18.0	17.1	13.8	11.3	5.5	3.0
Bodentemperatur 35 cm	Monatsmittel	-	-	6.1	9.7	12.3	17.7	20.1	19.1	16.6	13.6	8.8	5.5
(°C)	Maximum	-	-	8.3	12.6	15.2	21.1	21.7	20.4	19.4	16.0	12.4	7.5
	Minimum	-	-	4.5	6.8	9.7	14.7	18.5	17.6	15.0	11.9	6.6	4.0
Lufttemperatur	Monatsmittel	0.5	2.9	6.7	9.2	11.4	19.3	20.8	19.1	15.7	11.5	5.2	3.4
(°C)	Maximum	7.2	19.2	20.0	24.3	23.9	36.6	35.7	31.7	29.2	22.7	14.5	12.2
	Minimum	-5.5	-6.5	-2.0	-1.4	-1.3	7.4	9.8	7.8	4.9	4.0	-1.8	-3.6





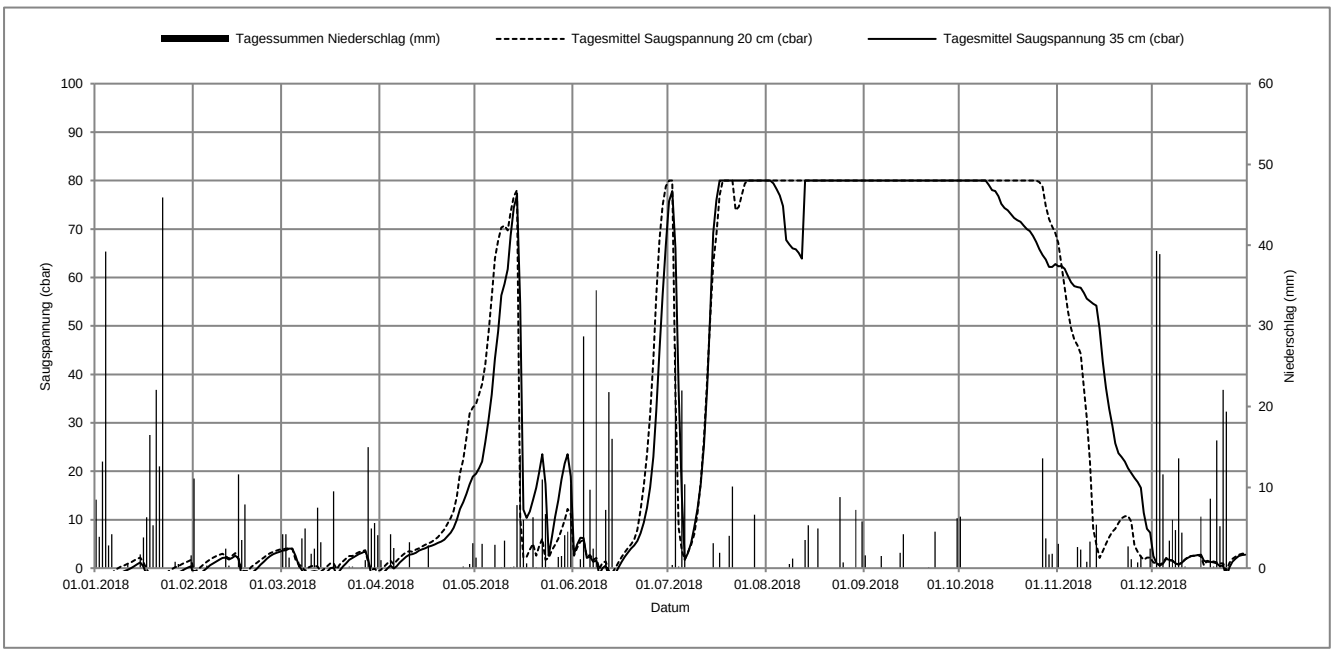
Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte	**Bellach**	**Wiese**	Braunerde-Gley
	Koordinaten	603887 / 228387, 430müM	schwerer Boden

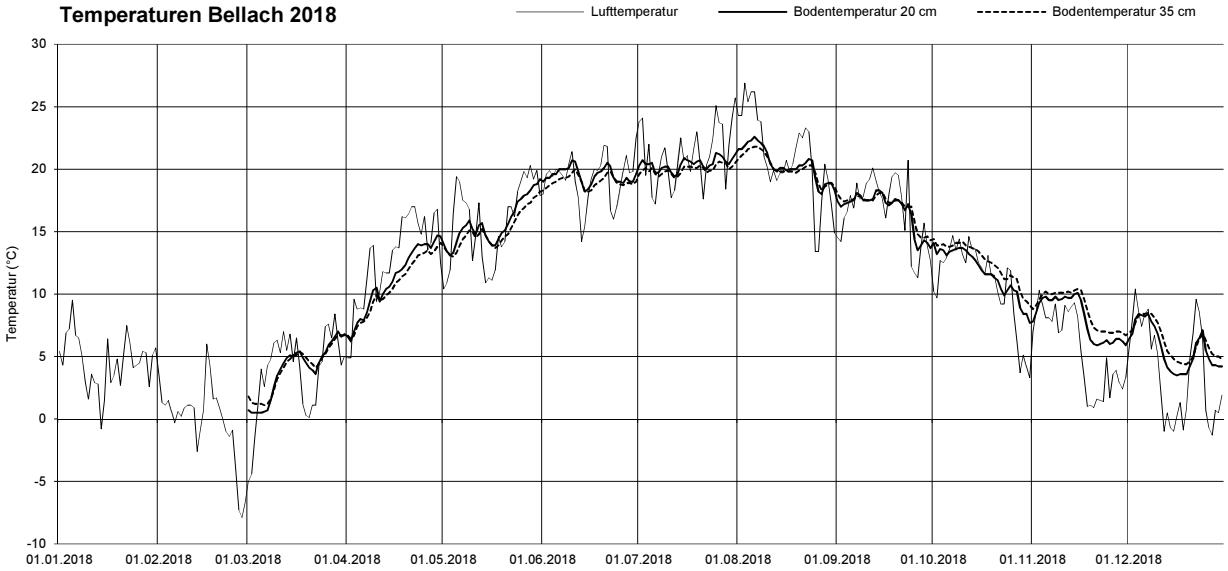
2018	Jan		Feb		Mär		Apr		Mai		Jun		Jul		Aug		Sep		Okt		Nov		Dez	
	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N	SS35	N
Tag	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)	(cbar)	(mm)
1	-2.2	8.5	-1.9	11.1	3.6	4.2	-1.5	1.0	19.5	1.3	2.9	0.1	75.7	0.0	>80.0	0.0	>80.0	1.6	>80.0	6.4	62.3	3.0	2.5	0.0
2	-2.6	3.9	-1.7	0.0	3.7	4.2	-0.8	0.0	20.7	0.0	4.9	0.0	77.8	0.4	>80.0	0.0	>80.0	0.0	>80.0	0.0	62.4	0.0	1.0	39.3
3	-2.7	13.2	-1.1	0.0	4.0	1.3	-0.1	0.0	22.0	3.0	6.3	1.1	66.0	27.3	79.4	0.0	>80.0	0.0	>80.0	0.0	61.8	0.0	0.5	38.9
4	-2.9	39.2	-0.5	0.0	4.0	0.0	0.5	4.2	26.0	0.0	6.2	28.7	36.8	0.2	78.2	0.0	>80.0	0.0	>80.0	0.0	60.3	0.0	0.9	11.6
5	-2.7	2.8	0.0	0.3	2.6	0.0	-0.1	2.5	30.6	0.0	2.1	0.0	14.9	22.0	76.9	0.0	>80.0	0.0	>80.0	0.0	59.0	0.0	1.9	0.0
6	-2.4	4.2	0.6	0.0	0.6	0.8	0.4	0.0	35.8	0.0	2.4	9.7	1.8	10.4	74.7	0.0	>80.0	1.5	>80.0	0.0	58.2	0.0	1.7	3.4
7	-1.7	0.0	1.0	0.0	-0.4	3.7	1.2	0.0	43.2	2.9	1.3	2.4	3.1	0.0	67.7	0.0	>80.0	0.0	>80.0	0.0	58.0	2.6	1.6	6.0
8	-1.3	0.0	1.4	0.0	-1.8	4.9	1.8	0.0	48.8	0.0	1.6	34.4	5.2	0.0	66.8	0.5	>80.0	0.0	>80.0	0.0	57.9	2.3	1.0	4.7
9	-0.9	0.0	1.8	0.0	-1.2	0.0	2.4	0.0	56.3	0.1	-1.3	0.1	8.5	0.0	66.0	1.2	>80.0	0.0	>80.0	0.0	56.8	0.0	0.7	13.6
10	-0.6	0.0	2.1	0.0	-0.7	1.8	2.8	3.2	58.7	3.4	0.0	0.0	12.3	0.0	65.8	0.0	>80.0	0.0	79.1	0.0	55.6	0.8	1.1	4.4
11	-0.3	0.5	2.2	2.4	-0.6	2.4	2.9	0.0	61.7	0.0	0.5	7.2	17.4	0.0	65.1	0.0	>80.0	0.0	78.0	0.0	55.1	3.3	1.8	0.2
12	0.0	0.0	1.8	0.3	-0.7	7.5	3.2	0.0	68.6	0.1	-1.8	21.8	25.3	0.0	63.9	0.0	>80.0	1.9	77.8	0.0	54.6	0.0	2.2	0.0
13	0.4	0.0	2.1	0.0	-1.9	3.2	3.6	0.0	74.4	0.2	-2.1	16.0	37.1	0.0	>80.0	3.5	>80.0	4.2	76.8	0.0	54.2	5.4	2.5	0.0
14	0.8	0.0	2.6	0.0	-1.5	0.0	3.9	0.0	77.0	7.8	-1.1	0.0	53.1	0.0	>80.0	5.3	>80.0	0.0	75.2	0.0	49.4	0.0	2.6	0.0
15	1.2	1.7	2.0	11.6	-0.7	0.0	4.1	0.0	54.5	14.0	0.1	0.0	69.2	3.1	>80.0	0.0	>80.0	0.0	74.3	0.0	42.6	0.0	2.7	0.0
16	0.3	3.8	-1.7	3.5	0.0	0.0	4.4	2.8	12.1	6.0	1.3	0.0	76.0	0.0	>80.0	0.0	>80.0	0.0	73.9	0.0	37.2	0.0	2.8	6.4
17	-1.4	6.3	-1.9	7.9	0.1	9.5	4.6	0.0	10.4	0.6	2.4	0.0	>80.0	1.9	>80.0	4.9	>80.0	0.0	73.1	0.0	32.9	0.0	1.5	0.1
18	-2.6	16.5	-1.9	0.0	-1.4	0.1	4.9	0.0	11.7	0.0	3.2	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.0	72.3	0.0	29.4	0.0	1.3	0.0
19	-2.6	5.3	-1.1	0.0	-0.5	0.0	5.2	0.0	14.1	6.3	4.0	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.0	71.8	0.0	25.8	0.0	1.3	8.6
20	-2.4	22.1	-0.6	0.0	0.3	0.0	5.5	0.0	16.6	0.1	4.7	0.0	>80.0	4.0	>80.0	0.0	>80.0	0.0	71.5	0.0	23.7	0.0	1.2	0.2
21	-2.8	12.6	0.0	0.0	1.0	0.0	5.9	0.0	19.7	0.0	5.6	0.0	>80.0	10.1	>80.0	0.0	>80.0	0.1	70.7	0.0	22.9	0.0	1.0	15.8
22	-3.1	45.9	0.7	0.0	1.7	0.2	6.6	0.0	23.5	11.0	7.2	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.0	70.0	0.0	22.0	0.0	0.4	5.2
23	-2.6	0.0	1.3	0.0	2.1	0.2	7.3	0.0	17.4	6.7	9.4	0.0	>80.0	0.0	>80.0	0.0	>80.0	4.5	69.6	0.0	20.6	2.7	0.6	22.1
24	-2.0	0.0	2.0	0.0	2.5	0.0	8.3	0.0	2.6	0.1	12.4	0.0	>80.0	0.0	>80.0	8.8	>80.0	0.0	68.6	0.0	19.6	1.1	-1.8	19.4
25	-1.5	0.0	2.5	0.0	2.9	0.0	10.0	0.0	6.4	0.0	16.7	0.0	>80.0	0.0	>80.0	0.7	>80.0	0.0	67.3	0.0	18.6	0.0	0.2	0.0
26	-1.1	0.8	2.9	0.0	3.2	0.1	12.2	0.0	10.6	0.0	23.0	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.0	65.8	0.0	17.8	0.7	1.3	0.0
27	-0.9	0.5	3.2	0.0	3.5	1.0	13.6	0.2	14.0	1.4	32.4	0.0	>80.0	0.0	>80.0	0.0	>80.0	0.0	64.6	13.6	16.6	1.6	2.0	0.0
28	-0.6	0.0	3.4	0.0	1.9	15.0	15.3	0.0	18.3	1.5	44.7	0.0	>80.0	6.6	>80.0	0.0	>80.0	0.0	63.7	3.7	11.4	0.0	2.5	0.0
29	-0.2	0.0			-1.5	4.9	17.3	0.5	21.6	4.1	56.4	0.0	>80.0	0.0	>80.0	7.2	>80.0	0.0	62.2	1.7	8.1	0.0	2.7	0.0
30	0.1	0.0			-1.2	5.6	18.9	3.1	23.5	4.5	66.7	0.0	>80.0	0.0	>80.0	0.0	>80.0	6.2	62.2	1.8	7.3	2.4	2.8	0.0
31	0.4	1.6			-2.0	4.1			18.9	10.4			>80.0	0.0	>80.0	5.8			62.8	0.0			2.9	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	189.4	37.1	74.7	17.5	85.5	121.5	86.0	17.5	21.9	25.3	25.9	199.9
Saugspannung 20 cm	Monatsmittel	-0.1	1.7	1.4	8.6	29.7	15.5	54.3	>80.0	>80.0	78.9	21.0	1.7
(cbar)	Maximum	2.4	3.8	4.3	41.8	79.2	>80.0	>80.0	>80.0	>80.0	>80.0	68.1	3.1
	Minimum	-2.1	-1.3	-1.0	-0.5	0.6	-1.4	0.7	>80.0	>80.0	68.2	0.9	-1.1
Saugspannung 35 cm	Monatsmittel	-1.3	0.8	0.7	5.5	30.3	10.5	57.4	76.6	>80.0	73.2	38.7	1.5
(cbar)	Maximum	1.3	4.0	5.0	22.7	78.0	73.5	>80.0	>80.0	>80.0	>80.0	62.5	5.6
	Minimum	-3.4	-2.5	-2.2	-1.7	1.3	-2.4	0.7	62.8	74.0	60.9	6.3	-2.5
Bodentemperatur 20 cm	Monatsmittel	-	-	3.9	11.2	15.7	19.5	20.4	20.4	16.8	11.7	8.0	5.6
(°C)	Maximum	-	-	7.3	15.6	19.9	21.5	22.1	23.3	19.0	14.5	10.3	8.6
	Minimum	-	-	0.5	5.5	12.8	17.6	18.5	17.1	12.7	7.4	5.7	3.4
Bodentemperatur 35 cm	Monatsmittel	-	-	4.0	10.6	15.1	19.0	20.0	20.2	17.0	12.6	8.8	6.2
(°C)	Maximum	-	-	6.8	14.3	18.5	20.2	20.9	22.1	18.3	14.5	10.5	8.6
	Minimum	-	-	1.1	6.2	12.9	18.0	19.0	18.1	14.1	8.9	6.6	4.4
Lufttemperatur	Monatsmittel	4.6	-0.2	3.8	12.8	15.8	19.2	21.1	21.0	16.7	10.9	5.5	3.8
(°C)	Maximum	11.3	7.0	15.1	27.8	27.2	29.7	34.0	33.7	30.5	24.9	14.8	11.7
	Minimum	-3.0	-11.6	-8.1	-1.5	6.4	8.4	9.1	8.3	2.4	0.1	-1.7	-4.3



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



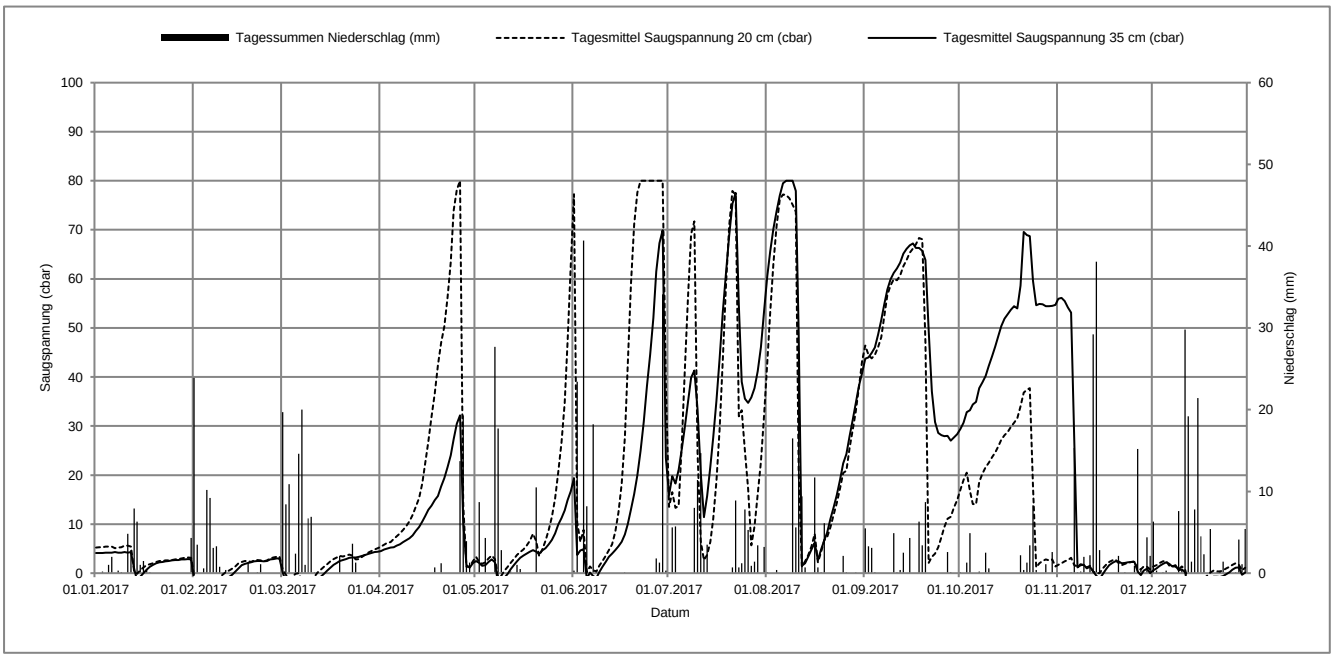
Darstellung der Tagesmittelwerte; Lücken = keine Daten; Januar-Februar 2018: Ausfall Sensoren Bodentemperaturen

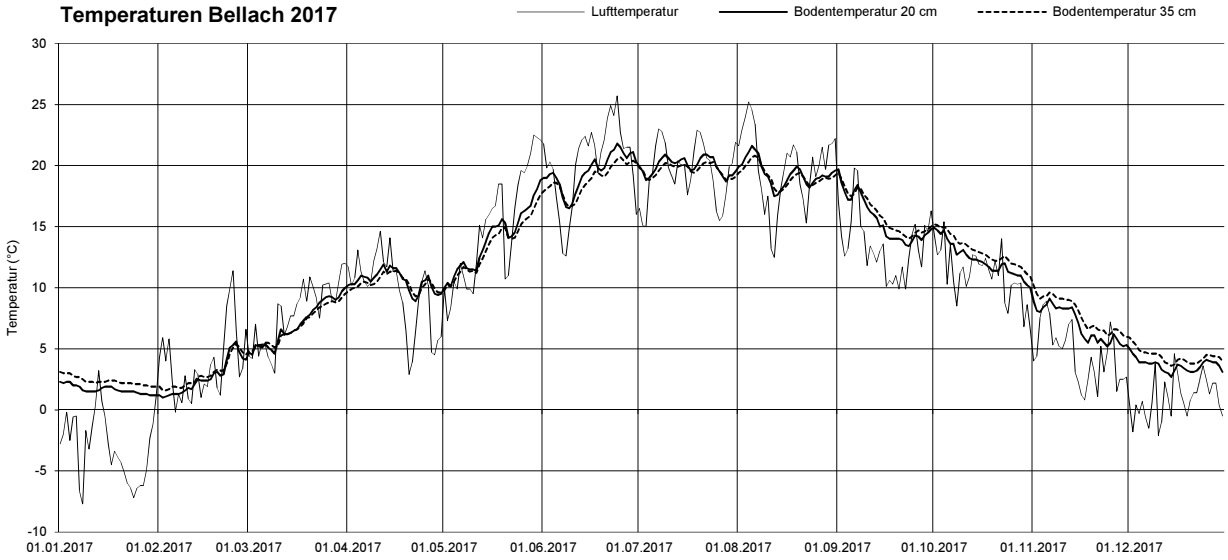
Bodenmesswerte	**Bellach**	**Wiese**	Braunerde-Gley
	Koordinaten 603887 / 228387, 430müM		schwerer Boden

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	4.1	0.0	-3.1	3.5	-1.7	8.4	4.8	0.0	2.1	8.7	3.7	23.4	19.8	5.6	65.6	0.0	44.0	3.3	30.7	0.0	56.1	0.0	1.0	0.3
2	4.1	0.2	-2.5	0.0	-2.7	10.9	5.0	0.0	1.5	0.0	4.6	0.0	18.3	5.7	70.2	0.0	44.9	3.1	32.8	1.3	55.5	0.0	1.5	0.0
3	4.2	0.0	-2.4	0.6	-2.1	0.0	5.2	0.0	1.6	4.3	4.9	40.7	21.1	0.0	73.8	0.4	46.0	0.1	33.2	4.9	54.2	0.0	1.9	0.1
4	4.2	1.0	-2.4	10.2	-1.5	2.4	5.3	0.0	2.3	0.0	-1.1	8.2	25.4	0.0	77.0	0.0	48.6	0.0	34.4	0.0	53.1	0.1	2.2	0.3
5	4.2	2.0	-2.4	9.2	-1.4	14.6	5.6	0.0	2.8	0.0	0.1	0.0	29.6	0.0	79.5	0.0	51.6	0.0	34.9	0.0	26.9	15.3	1.9	0.0
6	4.3	0.0	-2.6	3.1	-3.0	20.0	5.9	0.0	2.2	27.7	-0.6	18.2	34.8	0.0	>80.0	0.0	54.7	0.0	37.7	0.2	1.2	0.1	1.4	0.0
7	4.2	0.3	-2.4	3.3	-2.7	1.0	6.3	0.0	-2.2	17.7	-1.0	0.3	39.9	0.0	>80.0	0.0	57.8	0.0	38.9	0.0	1.6	0.2	1.6	0.0
8	4.3	0.1	-2.4	0.8	-2.2	6.7	6.7	0.0	-1.9	2.8	0.2	0.0	41.3	8.0	>80.0	16.5	59.9	0.0	40.2	2.5	1.7	2.0	0.6	7.6
9	4.3	0.0	-1.7	0.0	-2.9	6.9	7.1	0.0	-0.9	0.0	1.3	0.0	33.4	11.4	77.9	5.6	61.2	4.9	42.3	0.6	1.0	0.0	0.8	0.5
10	4.2	4.8	-1.2	0.4	-2.1	0.1	7.7	0.0	-0.1	0.0	2.3	0.0	20.5	14.7	48.9	26.5	62.1	0.1	44.2	0.0	1.3	2.2	0.2	29.8
11	4.3	2.8	-0.8	0.0	-1.3	0.0	8.6	0.0	0.8	0.2	3.3	0.0	11.4	1.9	1.5	9.4	63.3	0.4	46.2	0.0	0.3	29.2	-2.9	19.2
12	0.9	7.9	-0.3	0.0	-0.7	0.0	9.4	0.0	1.6	0.0	4.0	0.0	15.7	3.5	2.0	0.7	65.1	2.5	48.4	0.0	-0.5	38.1	-2.7	1.4
13	-1.5	6.3	0.3	0.0	-0.1	0.0	10.5	0.0	2.4	1.0	4.7	0.0	21.7	0.0	3.4	0.0	66.1	0.0	50.4	0.0	-1.2	2.8	-2.1	7.8
14	-0.7	1.0	1.0	0.0	0.5	0.0	11.6	0.0	3.1	0.5	5.5	0.0	27.7	0.0	4.8	0.0	66.8	4.3	51.9	0.0	-0.2	0.0	-2.9	21.4
15	0.0	1.5	1.6	0.0	1.1	0.0	12.9	0.0	3.6	0.0	6.4	0.0	35.1	0.0	6.2	11.7	67.2	0.0	52.8	0.0	0.8	0.0	-2.8	4.5
16	0.7	0.4	1.9	0.0	1.7	0.0	13.8	0.0	4.0	0.0	7.9	0.1	43.8	0.0	2.7	0.7	66.3	0.0	53.7	0.0	1.6	0.0	-2.3	2.3
17	1.3	0.1	2.1	1.3	2.1	0.0	14.9	0.7	4.4	0.0	10.0	0.0	53.3	0.0	4.8	0.1	66.3	6.3	54.4	0.0	2.1	0.0	-1.7	0.0
18	1.7	0.0	2.2	0.0	2.5	2.1	15.7	0.0	4.7	0.0	13.0	0.0	61.3	0.0	6.7	6.1	65.7	3.4	54.0	0.0	2.4	0.0	-1.2	5.4
19	2.0	0.0	2.4	0.0	2.7	0.0	17.7	1.2	4.4	10.5	16.1	0.0	68.9	0.0	8.3	0.0	63.8	8.7	58.6	2.2	2.4	2.1	-0.7	0.0
20	2.2	0.0	2.5	0.1	2.9	0.0	19.4	0.0	3.9	0.0	20.0	0.0	75.3	0.7	11.0	0.0	49.6	0.0	69.6	0.4	2.0	0.0	-0.7	0.1
21	2.3	0.0	2.5	1.1	3.1	0.0	21.6	0.0	4.6	0.0	24.9	0.0	77.5	8.9	13.4	0.0	37.1	0.0	68.9	1.3	2.1	0.1	-0.8	0.3
22	2.4	0.0	2.4	0.0	3.2	3.6	24.0	0.0	5.1	0.0	30.9	0.0	54.7	0.7	15.9	0.0	30.8	0.0	68.7	3.4	2.2	0.0	-0.6	1.4
23	2.5	0.0	2.5	0.0	3.2	1.3	27.3	0.0	5.9	0.0	38.2	0.0	39.0	1.2	19.0	0.0	28.6	0.0	59.6	8.3	2.3	0.0	-0.2	0.0
24	2.6	0.0	2.8	0.0	3.3	0.0	30.5	0.0	6.8	0.0	44.6	0.0	35.6	7.8	22.4	2.1	28.1	0.0	54.6	0.4	2.3	0.9	0.2	0.0
25	2.7	0.0	2.9	0.0	3.5	0.0	32.2	13.7	8.1	0.0	52.0	0.0	34.7	5.3	24.3	0.1	27.9	0.0	54.9	0.0	0.3	15.2	0.7	0.0
26	2.7	0.0	3.0	0.0	3.7	0.0	10.4	19.3	9.9	0.0	61.5	1.8	35.8	0.9	27.9	0.0	28.0	2.6	54.8	0.0	-0.4	0.6	1.1	0.1
27	2.8	0.0	3.0	0.0	3.9	0.0	1.6	3.9	11.2	0.0	67.3	1.3	37.7	1.4	31.3	0.0	27.0	0.1	54.4	1.1	0.5	0.0	1.2	4.1
28	2.8	0.0	0.1	19.7	4.1	0.0	1.1	1.3	12.8	0.0	69.9	34.1	41.2	3.4	34.5	0.1	27.7	0.0	54.4	0.0	0.9	4.4	-0.3	1.1
29	2.9	0.0			4.3	0.0	2.0	0.0	14.9	0.0	23.5	0.3	46.1	0.0	38.1	0.0	28.3	0.0	54.5	2.6	0.0	2.1	0.1	5.4
30	2.8	4.3			4.4	0.0	2.5	0.0	16.7	0.0	15.9	0.1	53.5	3.2	40.8	0.0	29.4	0.1	54.7	0.0	0.6	6.3	-1.8	23.9
31	-1.2	23.9			4.5	0.0			19.4	0.3			60.6	0.1	43.7	5.5			55.9	0.0			-2.6	0.0

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

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	56.6	53.3	78.0	40.1	81.3	120.9	84.4	40.1	39.5	29.2	121.7	137.0
Saugspannung 20 cm	Monatsmittel	3.2	1.1	1.9	25.3	12.4	35.0	31.5	32.7	39.4	19.3	1.6	0.5
(cbar)	Maximum	6.6	3.4	5.6	>80.0	>80.0	>80.0	>80.0	77.4	68.9	39.1	3.3	2.6
	Minimum	-2.1	-2.1	-2.0	0.7	-1.1	-1.1	1.0	0.5	1.2	0.7	-0.7	-1.9
Saugspannung 35 cm	Monatsmittel	2.5	0.3	1.0	11.6	5.0	17.8	39.2	35.3	48.8	49.9	9.1	-0.3
(cbar)	Maximum	5.6	3.8	4.9	33.5	23.1	74.0	>80.0	>80.0	67.8	70.5	56.5	2.3
	Minimum	-3.5	-3.5	-3.4	0.7	-2.6	-2.2	4.4	0.6	25.5	29.6	-1.9	-3.1
Bodentemperatur 20 cm	Monatsmittel	1.6	2.8	7.2	10.5	14.2	19.6	20.0	19.3	15.4	12.1	6.9	3.6
(°C)	Maximum	2.5	5.7	11.1	12.7	19.7	22.7	21.7	22.0	19.0	15.0	9.2	4.8
	Minimum	1.1	0.9	4.2	7.9	9.5	15.7	18.3	17.2	12.8	8.6	4.8	2.6
Bodentemperatur 35 cm	Monatsmittel	2.3	3.1	7.1	10.4	13.6	18.9	19.6	19.1	15.9	12.9	7.7	4.3
(°C)	Maximum	3.1	5.5	10.0	11.6	18.2	21.0	20.5	21.0	19.2	15.3	9.9	5.7
	Minimum	1.8	1.6	4.7	9.0	10.0	16.3	18.6	17.6	13.8	9.9	5.8	3.5
Lufttemperatur	Monatsmittel	-2.8	3.7	8.2	9.6	15.2	20.1	19.7	19.6	13.4	10.7	4.4	1.3
(°C)	Maximum	6.1	19.6	22.1	24.8	31.7	32.7	32.4	32.8	26.8	22.9	16.8	12.6
	Minimum	-12.5	-3.3	-1.0	-2.0	1.5	5.4	9.6	8.5	3.5	0.1	-3.7	-6.3





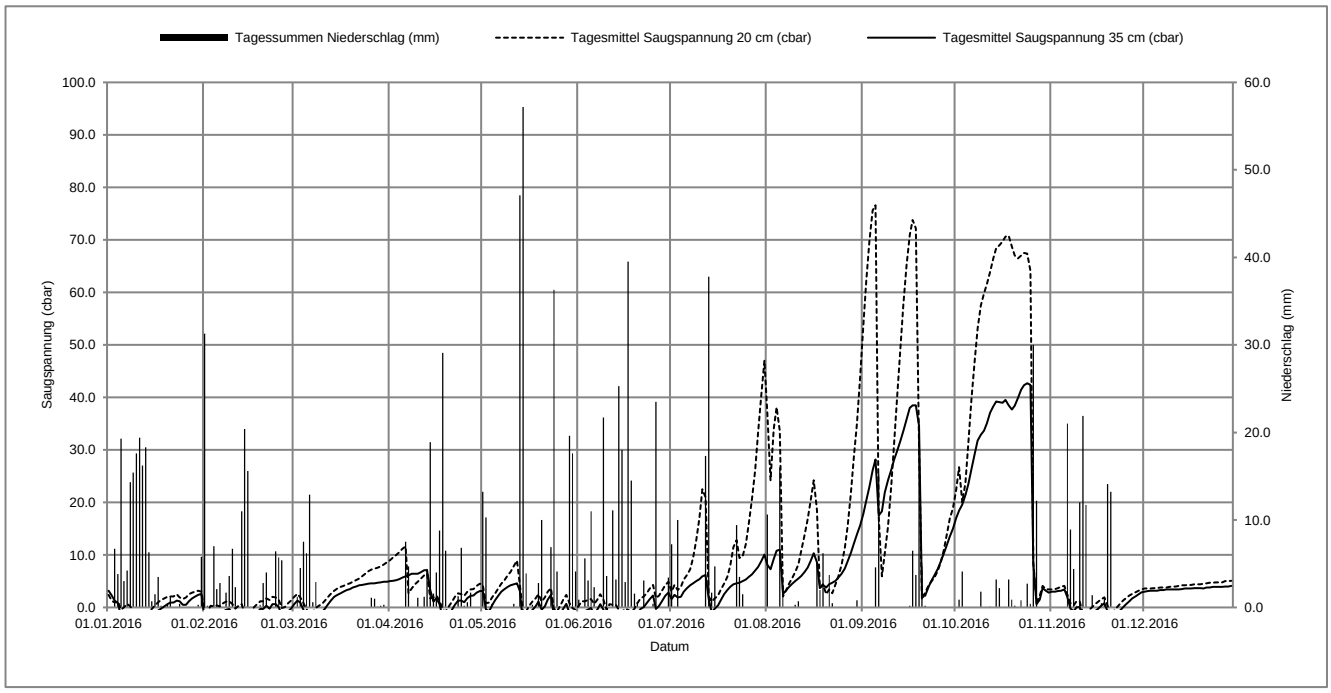
Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte	**Bellach** **Wiese**	Braunerde-Gley
	Koordinaten 603887 / 228387, 430 müM	schwerer Boden

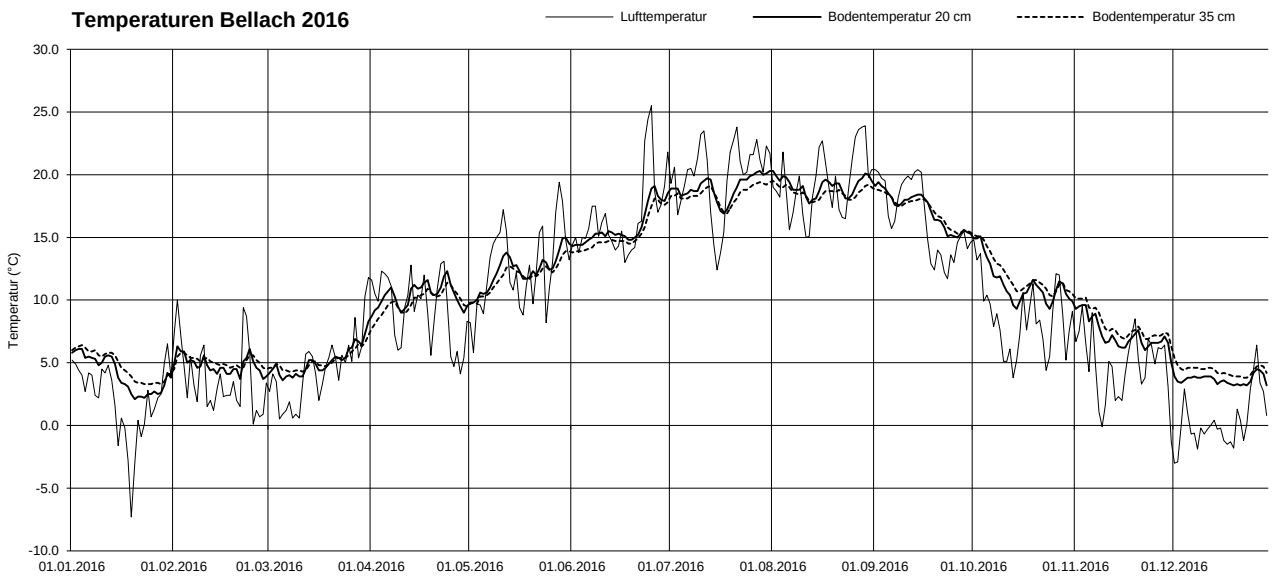
2016	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
Tag	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	3.2	0.0	-2.1	31.3	0.6	0.0	5.0	0.0	3.1	13.2	-1.6	0.9	1.6	7.2	8.1	10.6	17.8	0.0	17.0	0.0	3.0	0.0	3.0	0.0
2	2.3	6.7	-2.4	0.2	1.3	1.2	5.1	0.0	-0.4	10.3	-0.7	0.0	2.4	0.1	7.3	0.0	20.3	0.0	18.4	0.9	3.0	0.0	3.1	0.0
3	1.3	3.8	-1.4	0.0	0.9	4.5	5.2	0.0	-0.7	0.1	-0.7	5.6	1.9	10.0	9.2	0.0	23.0	0.0	19.6	4.1	3.1	0.0	3.2	0.0
4	0.8	19.3	-1.4	7.0	-0.5	7.5	5.4	0.0	0.4	0.4	-0.4	3.1	2.0	0.0	10.8	0.0	26.1	0.0	21.4	0.0	3.2	0.0	3.2	0.0
5	-1.7	3.0	-1.2	2.1	-1.9	6.2	5.7	0.0	1.4	0.0	-0.1	11.0	3.0	0.0	11.0	16.0	28.2	4.6	23.5	0.0	3.4	0.0	3.2	0.0
6	-1.5	4.2	-1.4	2.8	-2.9	12.9	5.9	7.5	2.3	0.0	-1.2	2.3	3.7	0.0	2.6	3.3	17.5	15.3	26.4	0.0	2.0	21.0	3.3	0.0
7	-1.0	14.3	-0.8	0.0	-2.5	0.6	6.1	4.7	3.0	0.0	-0.4	0.0	4.2	0.0	3.2	0.0	18.3	0.0	29.3	0.0	-0.2	8.9	3.3	0.0
8	-1.6	15.4	-0.5	1.7	-1.7	2.9	6.4	0.0	3.5	0.0	0.6	0.0	4.6	0.0	3.9	0.0	21.9	0.0	31.8	0.0	-0.7	4.4	3.4	0.0
9	-2.5	17.6	-0.3	3.6	-1.4	0.1	6.4	0.0	3.9	0.0	-0.4	21.7	5.0	0.0	4.5	0.0	24.2	0.0	32.9	1.8	0.0	0.2	3.4	0.0
10	-3.1	19.4	-1.1	6.7	-0.9	0.0	6.4	1.1	4.2	0.0	-2.7	3.6	5.4	0.0	5.0	0.3	26.2	0.0	33.7	0.0	0.1	12.0	3.4	0.0
11	-2.7	16.2	-1.8	2.3	-0.2	0.0	6.7	0.0	4.4	0.4	-1.4	0.0	5.9	0.0	5.5	0.7	28.1	0.0	35.1	0.0	-2.5	21.9	3.4	0.0
12	-3.0	18.3	-1.4	0.2	0.6	0.0	7.1	1.2	4.6	0.1	-1.4	11.1	6.2	17.3	6.0	0.0	29.9	0.0	37.1	0.1	-2.9	11.7	3.4	0.0
13	-3.2	6.3	-1.0	11.0	1.4	0.0	7.1	4.4	3.1	47.1	-1.3	3.2	1.6	37.8	6.7	0.0	31.8	0.0	38.3	0.0	-1.8	0.0	3.5	0.0
14	-2.9	0.7	-2.6	20.4	2.0	0.0	3.3	18.9	-3.3	57.2	-2.4	25.3	-0.9	1.7	7.6	0.0	33.6	0.0	39.2	3.2	-1.1	1.4	3.6	0.0
15	-1.9	1.5	-3.2	15.6	2.4	0.0	1.1	1.6	-2.6	3.9	-3.0	18.0	-0.2	4.7	8.8	0.0	35.8	0.0	39.1	2.2	-0.7	0.0	3.6	0.0
16	-1.2	3.5	-2.4	0.1	2.7	0.0	1.8	4.0	-1.4	0.0	-2.1	2.9	0.4	0.0	10.3	0.0	38.0	0.2	39.0	0.0	-0.2	0.0	3.6	0.0
17	-0.6	0.2	-1.6	0.0	3.0	0.0	0.6	8.8	-0.5	0.3	-2.5	39.5	1.4	0.0	8.6	5.2	38.5	6.5	39.5	0.0	0.4	0.5	3.7	0.0
18	-0.2	0.0	-1.0	0.0	3.3	0.0	-2.0	29.1	0.2	0.1	-2.9	14.5	2.5	0.0	3.7	2.0	38.5	3.7	38.5	3.2	0.8	1.2	3.7	0.0
19	0.2	0.3	-0.3	0.3	3.5	0.0	-2.2	6.5	1.1	2.8	-2.2	1.6	3.3	0.0	4.3	6.2	34.6	19.9	37.7	0.9	-0.8	14.1	3.7	0.0
20	0.6	1.3	-0.3	2.8	3.8	0.0	-1.4	0.0	-0.4	10.0	-1.2	0.6	3.9	0.0	3.8	0.1	2.5	4.7	38.4	0.2	-2.9	13.2	3.6	0.0
21	0.9	0.0	0.3	4.0	4.0	0.0	-0.4	0.0	0.2	0.0	-0.3	0.0	4.4	0.0	4.4	3.7	2.2	0.2	39.9	0.0	-2.0	0.0	3.8	0.0
22	0.9	0.0	-0.2	0.0	4.2	0.0	0.5	0.0	1.5	0.0	0.1	3.1	4.6	9.4	4.7	0.5	3.8	0.0	41.5	0.8	-1.3	0.0	3.8	0.0
23	1.3	0.4	0.6	0.0	4.3	0.0	1.3	1.3	2.4	6.9	0.8	0.0	4.7	3.5	5.1	0.0	5.0	0.0	42.3	0.0	-0.6	0.1	3.9	0.0
24	1.2	0.0	0.6	6.4	4.4	0.0	1.3	6.8	-1.6	36.3	1.6	0.0	5.0	1.5	5.7	0.0	6.1	0.0	42.7	2.7	0.0	0.0	3.9	0.0
25	0.5	0.0	0.0	5.7	4.5	0.0	1.0	0.2	-2.5	4.1	2.3	0.4	5.3	0.0	6.4	0.0	7.3	0.0	42.4	0.4	0.6	0.0	3.9	0.0
26	0.5	0.0	-1.5	5.4	4.6	1.1	1.8	0.6	-1.3	0.0	-0.3	23.5	5.8	0.0	7.4	0.0	8.6	0.0	8.4	30.0	1.2	0.0	3.9	0.0
27	1.2	0.0	-1.5	0.0	4.6	1.0	2.2	1.7	-0.3	0.0	0.3	0.0	6.3	0.0	8.8	0.0	10.2	0.0	0.6	12.2	1.7	0.0	4.0	0.0
28	1.7	0.0	-0.8	0.0	4.7	0.1	2.3	0.0	0.7	0.0	1.3	0.0	7.0	0.0	10.4	0.0	11.9	0.0	1.5	0.0	2.1	0.0	4.0	0.0
29	2.1	0.3	-0.2	0.0	4.8	0.2	2.8	0.0	-1.1	19.6	2.2	0.0	7.7	0.0	12.3	0.0	13.5	0.0	3.7	0.0	2.5	0.0	4.1	0.0
30	2.4	5.8			4.9	0.3	3.1	0.0	-1.8	17.6	2.8	3.4	8.8	0.0	13.9	0.8	15.0	0.0	3.2	0.0	2.9	0.0	4.0	0.0
31	2.6	0.0			4.9	0.0			-2.4	4.1			10.1	0.0	15.6	0.0			2.8	0.0			4.1	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	158.5	129.6	38.6	98.4	234.5	195.3	93.2	49.4	55.1	62.7	110.6	0.0
Saugspannung 20 cm	Monatsmittel	1.0	0.5	3.8	4.4	2.4	1.4	12.4	15.9	33.2	45.6	1.4	4.3
(cbar)	Maximum	3.2	2.0	8.6	11.6	8.9	4.9	47.0	43.9	76.6	70.8	4.1	5.2
	Minimum	-1.5	-1.6	-1.4	-0.8	-1.2	-0.9	1.1	2.1	1.5	1.0	-1.6	3.6
Saugspannung 35 cm	Monatsmittel	-0.1	-1.1	2.0	3.2	0.6	-0.6	4.1	7.3	20.6	27.9	0.4	3.6
(cbar)	Maximum	3.2	0.6	4.9	7.1	4.6	2.8	10.1	15.6	38.5	42.7	3.4	4.1
	Minimum	-3.2	-3.2	-2.9	-2.2	-3.3	-3.0	-0.9	2.6	2.2	0.6	-2.9	3.0
Bodentemperatur 20 cm	Monatsmittel	4.1	4.8	5.1	10.4	12.3	15.9	19.0	19.1	17.2	11.3	7.3	3.6
(°C)	Maximum	6.1	6.3	8.3	12.3	15.0	19.1	20.3	20.3	19.4	15.1	9.6	4.5
	Minimum	2.1	3.7	3.6	8.7	9.8	14.3	16.9	17.7	15.0	9.3	5.0	2.4
Bodentemperatur 35 cm	Monatsmittel	4.7	5.1	5.1	9.9	11.8	15.3	18.4	18.6	17.2	12.0	8.0	4.3
(°C)	Maximum	6.4	5.8	7.2	11.4	13.9	18.1	19.4	19.5	18.8	15.2	10.2	5.4
	Minimum	3.3	4.5	4.3	7.7	9.7	13.8	16.9	17.8	15.3	10.3	6.3	3.3
Lufttemperatur	Monatsmittel	2.0	3.8	4.4	9.2	12.5	16.7	19.9	19.3	16.5	8.5	4.8	0.2
(°C)	Maximum	13.9	16.7	19.9	22.1	27.9	34.0	34.3	34.2	30.6	18.8	15.1	11.0
	Minimum	-9.9	-3.3	-4.0	-3.8	2.0	7.8	6.7	5.9	5.3	-1.5	-5.8	-5.5



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



Darstellung der Tagesmittelwerte; Lücken = keine Daten

Bodenmesswerte **Bellach** **Wiese** Braunerde-Gley

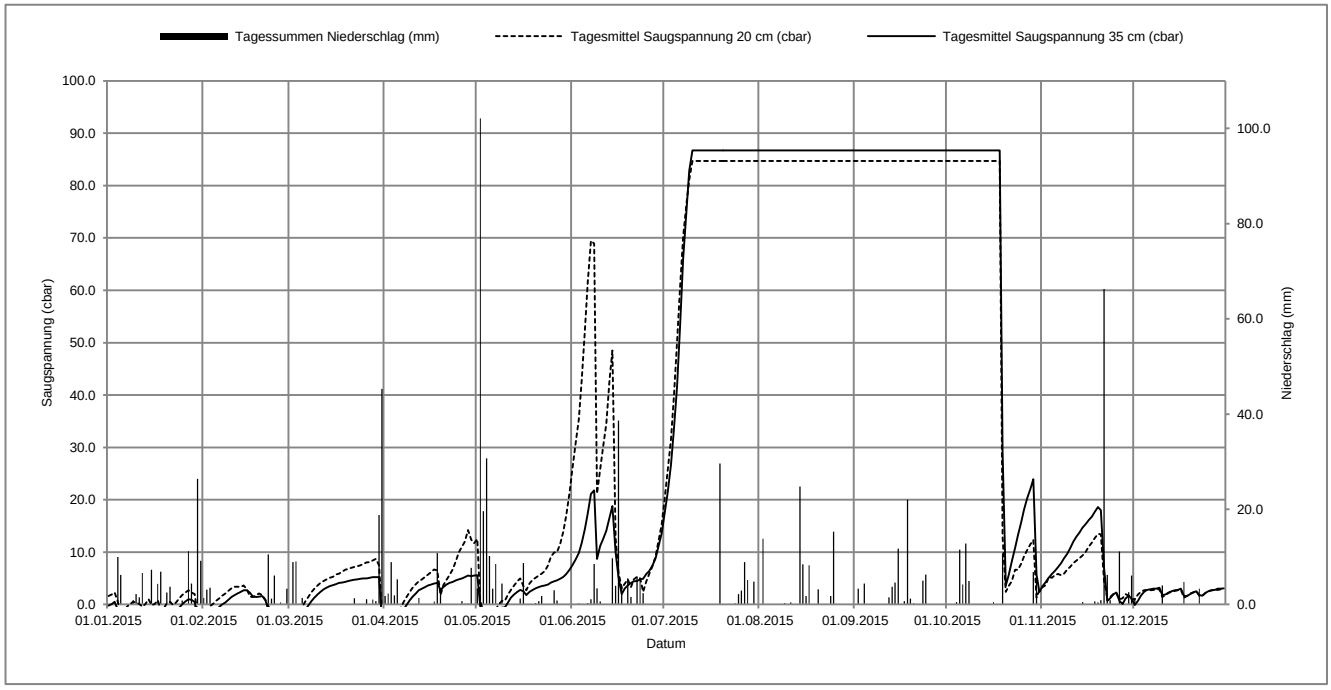
Koordinaten 603887 / 228387, 430 müM schwerer Boden

2015	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	-0.2	0.0	-3.0	1.4	-3.2	0.1	-2.6	1.8	5.6	3.4	7.5	0.0	17.3	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	3.5	0.0	-0.1	1.4
2	0.1	0.0	-2.4	3.1	-3.1	8.9	-2.0	2.3	-0.3	102.1	8.6	0.0	21.5	0.0	(>80)	13.8	(>80)	3.3	(>80)	0.0	4.3	0.0	0.7	0.0
3	0.5	0.1	-1.9	3.5	-3.2	9.0	-2.1	8.9	-2.8	19.6	9.8	0.2	26.7	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	5.1	0.0	1.7	0.0
4	-1.0	10.0	-1.5	0.0	-2.7	0.0	-2.5	1.9	-2.9	30.7	11.7	0.0	33.3	0.0	(>80)	0.0	(>80)	4.4	(>80)	0.5	5.8	0.0	2.4	0.0
5	-3.6	6.2	-1.1	0.0	-2.0	1.4	-2.5	5.3	-2.8	10.2	14.4	0.0	41.6	0.0	(>80)	0.1	(>80)	0.0	(>80)	11.5	6.4	0.0	2.8	0.1
6	-2.8	0.0	-0.5	0.0	-1.1	0.0	-2.1	0.0	-2.2	3.3	17.4	0.3	52.6	0.0	(>80)	0.0	(>80)	0.0	(>80)	4.2	7.1	0.0	2.9	0.0
7	-1.8	0.0	0.0	0.0	-0.2	0.0	-1.0	0.0	-2.3	8.5	21.1	1.1	66.0	0.0	(>80)	0.0	(>80)	0.0	(>80)	12.8	7.9	0.0	3.0	0.0
8	-1.6	0.0	0.4	0.0	0.6	0.0	-0.1	0.0	-1.3	0.0	21.8	8.5	74.8	0.0	(>80)	0.0	(>80)	0.0	(>80)	4.9	8.8	0.0	3.0	0.0
9	-1.4	0.9	0.9	0.0	1.3	0.0	0.8	0.0	-0.6	4.4	8.7	3.4	82.8	0.0	(>80)	0.3	(>80)	0.0	(>80)	0.0	9.7	0.0	3.2	0.1
10	-1.6	2.2	1.4	0.0	1.9	0.0	1.5	0.0	-0.6	0.1	11.2	0.6	>80	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	10.7	0.0	1.8	4.0
11	-1.8	1.5	1.8	0.0	2.4	0.0	2.1	0.0	0.4	0.0	12.5	0.0	(>80)	0.0	(>80)	0.4	(>80)	0.0	(>80)	0.0	12.0	0.0	1.9	0.0
12	-2.3	6.6	2.1	0.0	2.9	0.0	2.7	1.4	1.3	0.0	14.1	0.0	(>80)	0.0	(>80)	0.0	(>80)	1.5	(>80)	0.0	13.0	0.0	2.3	0.0
13	-1.7	0.0	2.4	0.0	3.2	0.0	3.0	0.0	1.9	0.0	16.6	0.0	(>80)	0.0	(>80)	0.0	(>80)	3.7	(>80)	0.0	13.7	0.0	2.5	0.0
14	-0.8	0.0	2.7	0.0	3.5	0.0	3.3	0.0	2.4	0.0	18.8	9.7	(>80)	0.0	(>80)	24.8	(>80)	4.6	(>80)	0.0	14.7	0.5	2.7	0.0
15	-1.9	7.3	2.7	0.0	3.7	0.0	3.6	0.0	2.8	1.2	10.0	3.9	(>80)	0.0	(>80)	8.4	(>80)	11.7	(>80)	0.0	15.3	0.0	2.8	0.0
16	-1.7	0.0	2.2	0.0	3.9	0.0	3.8	0.0	2.5	8.7	5.2	38.6	(>80)	0.0	(>80)	1.8	(>80)	0.0	(>80)	0.5	16.1	0.0	3.0	0.0
17	-1.0	4.3	1.5	0.0	4.1	0.0	4.0	0.6	1.8	0.0	2.0	3.9	(>80)	0.0	(>80)	8.2	(>80)	0.7	(>80)	0.0	16.8	0.0	1.6	4.7
18	-2.9	6.9	1.4	0.0	4.2	0.0	4.1	10.8	2.4	0.0	3.1	0.0	(>80)	0.0	(>80)	0.0	(>80)	22.0	(>80)	0.0	17.7	0.6	1.6	0.0
19	-2.3	0.0	1.5	0.0	4.3	0.0	2.8	2.6	2.8	0.0	3.6	5.5	(>80)	29.6	(>80)	0.0	(>80)	1.2	29.1	10.7	18.6	0.4	2.0	0.0
20	-1.5	2.5	1.6	0.0	4.5	0.0	3.3	0.0	3.1	0.3	4.1	1.6	(>80)	0.0	(>80)	3.2	(>80)	0.2	3.6	0.0	18.0	0.9	2.3	0.0
21	-1.2	3.7	0.8	0.0	4.6	0.0	3.8	0.0	3.3	0.7	4.4	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	5.6	0.0	7.0	66.3	2.5	0.0
22	-1.7	0.0	-1.0	10.5	4.7	1.3	4.1	0.0	3.5	1.8	4.5	5.9	(>80)	0.0	(>80)	0.0	(>80)	0.0	8.3	0.0	0.7	6.2	1.8	3.3
23	-1.4	0.0	-2.6	1.2	4.8	0.0	4.3	0.0	3.6	0.0	4.8	5.2	(>80)	0.1	(>80)	0.0	(>80)	5.0	10.8	0.0	1.2	0.9	1.7	0.0
24	-0.6	0.0	-2.8	6.1	4.9	0.0	4.6	0.0	3.8	0.0	4.9	2.4	(>80)	0.2	(>80)	1.8	(>80)	6.3	13.2	0.0	1.9	0.0	2.2	0.0
25	0.0	0.8	-3.2	0.1	5.0	0.0	4.8	0.0	4.2	0.0	5.8	0.0	(>80)	2.2	(>80)	15.3	(>80)	0.0	15.7	0.0	2.3	0.0	2.5	0.0
26	0.6	0.0	-3.1	0.4	5.0	1.1	5.0	0.7	4.4	3.0	6.4	0.0	(>80)	2.9	(>80)	0.1	(>80)	0.0	18.1	0.0	0.7	11.1	2.7	0.0
27	1.0	11.2	-2.9	0.0	5.1	0.1	5.2	0.2	4.6	0.8	7.4	0.0	(>80)	8.9	(>80)	0.0	(>80)	0.0	20.3	0.0	0.1	0.3	2.8	0.0
28	0.9	4.4	-3.1	3.3	5.2	1.0	5.5	0.2	4.9	0.0	8.8	0.0	(>80)	5.1	(>80)	0.0	(>80)	0.0	22.1	0.1	1.1	0.0	3.0	0.0
29	0.5	0.5			5.2	0.7	5.4	7.7	5.3	0.0	11.1	0.0	(>80)	0.0	(>80)	0.0	(>80)	0.0	23.9	6.8	1.7	2.6	3.0	0.0
30	-2.9	26.4			5.2	18.8	5.5	0.0	5.8	0.0	13.6	0.0	(>80)	4.8	(>80)	0.0	(>80)	0.0	5.7	5.4	1.1	6.1	3.1	0.0
31	-3.4	9.2			-2.8	45.3			6.6	0.0			(>80)	0.0	(>80)	0.0			2.4	0.0			3.1	0.0

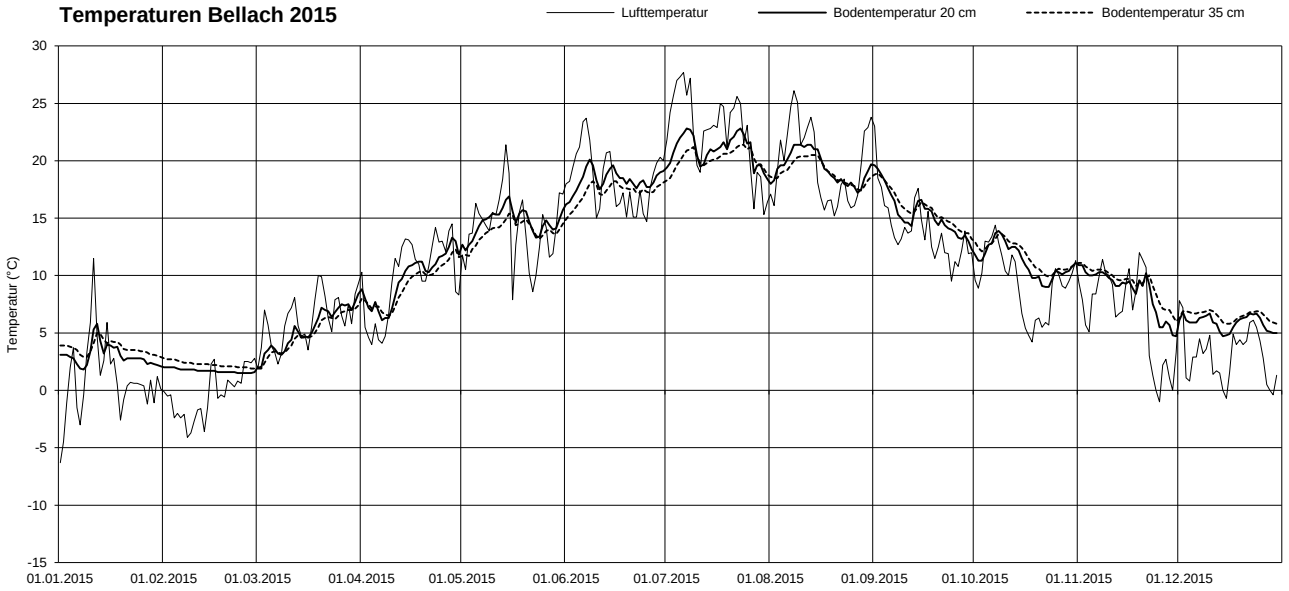
SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm); ( ) = Datengrundlage unvollständig*

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	106.1	28.3	89.4	45.6	195.6	90.8	53.8	78.2	64.6	57.4	97.3	13.9
Saugspannung 20 cm	Monatsmittel	0.3	0.9	4.4	5.4	5.7	23.0	(59.7)	(>80.0)	(>80.0)	(6.6)	5.9	2.4
(cbar)	Maximum	3.0	3.6	9.0	17.0	31.4	77.1	(86.3)	(>80.0)	(>80.0)	(31.5)	16.5	3.2
	Minimum	-2.3	-2.1	-2.1	-1.6	-1.8	0.7	(20.7)	(>80.0)	(>80.0)	(0.3)	-2.3	0.1
Saugspannung 35 cm	Monatsmittel	-1.4	-0.2	2.3	2.5	2.0	10.1	(56.3)	(>80.0)	(>80.0)	(12.6)	8.0	2.4
(cbar)	Maximum	2.5	2.8	5.4	5.7	8.7	33.2	(>80)	(>80.0)	(>80.0)	(57.6)	19.7	3.3
	Minimum	-3.8	-3.4	-3.5	-3.2	-3.1	0.4	(17.3)	(>80.0)	(>80.0)	(0.8)	-0.3	0.0
Bodentemperatur 20 cm	Monatsmittel	3.0	1.7	5.5	9.9	14.7	18.4	20.9	19.5	15.2	11.2	8.5	5.8
(°C)	Maximum	6.2	2.5	9.2	14.3	17.9	21.4	24.4	22.9	19.9	14.1	11.0	7.2
	Minimum	1.8	1.4	1.7	5.2	11.9	15.5	16.0	16.3	11.5	8.6	3.1	4.5
Bodentemperatur 35 cm	Monatsmittel	3.6	2.2	5.1	9.3	13.9	17.4	20.2	19.0	15.7	11.7	9.2	6.5
(°C)	Maximum	5.2	2.8	8.1	12.5	15.6	18.6	21.7	20.8	19.1	13.7	11.1	7.1
	Minimum	2.8	1.9	1.9	6.4	11.6	15.0	18.3	17.2	12.7	9.7	3.1	5.8
Lufttemperatur	Monatsmittel	1.1	-0.4	6.4	9.9	14.4	18.5	22.5	19.9	13.6	9.3	6.5	3.0
(°C)	Maximum	15.0	10.4	19.1	24.7	29.6	33.8	37.5	38.3	27.4	21.1	20.2	11.9
	Minimum	-7.6	-10.2	-3.6	-2.3	3.4	5.9	8.0	7.6	4.0	-0.3	-5.3	-3.2

( ) = Datengrundlage unvollständig*



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



Darstellung der Tagesmittelwerte; Lücken = keine Daten

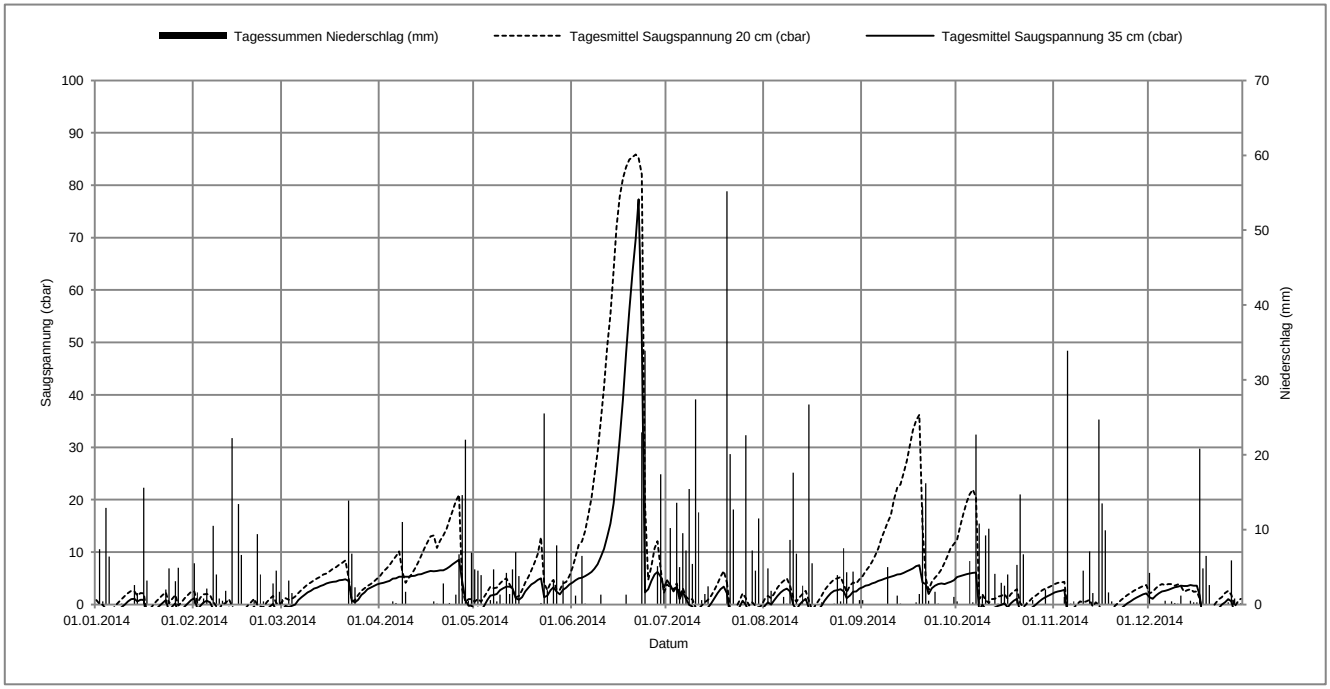
Bodenmesswerte **Bellach** **Wiese** Braunerde-Gley

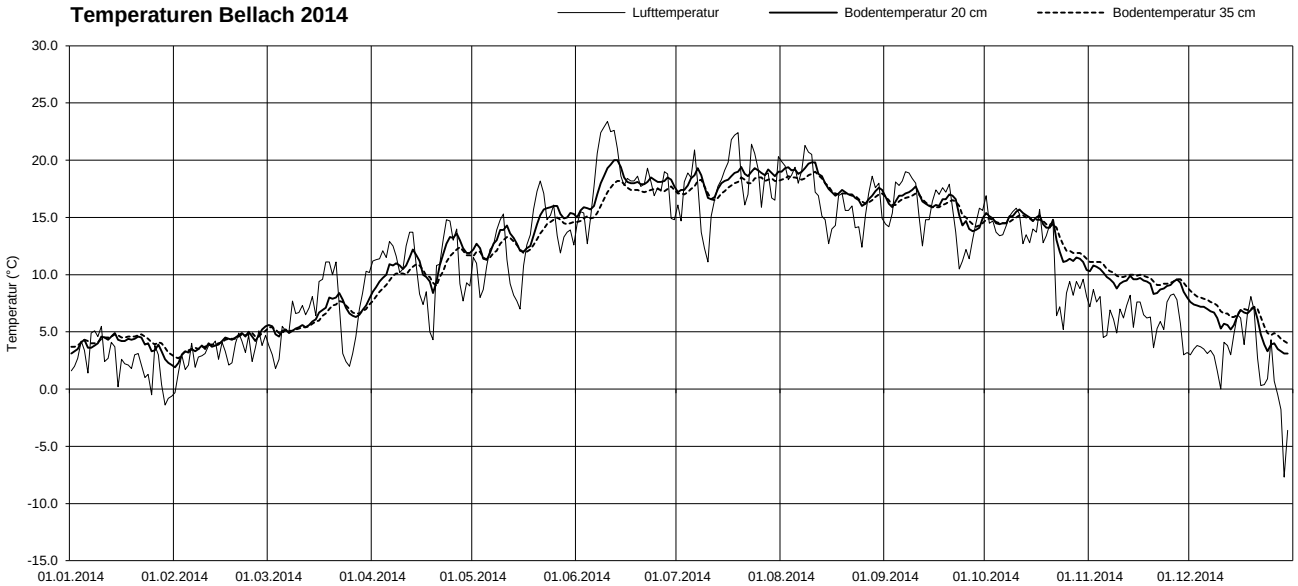
Koordinaten 603887 / 228387, 430 müM schwerer Boden

2014	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	-0.8	0.0	1.2	5.5	-1	0.7	4.0	0.0	-1.1	4.7	4.2	0.0	4.6	0.0	-0.3	0.0	3.3	0.6	5.2	0.4	2.3	0.0	1.4	4.2
2	-1.5	7.4	-0.9	1.6	-0.3	0.0	4.1	0.0	-0.6	4.5	4.6	1.2	3.7	10.2	0.4	4.8	3.6	0.0	5.4	0.0	2.5	0.0	1.1	0.0
3	-1.8	0.4	-0.3	0.0	-0.5	3.2	4.3	0.0	-1.2	3.9	5.0	0.0	2.5	0.0	0.0	1.8	3.7	0.0	5.6	0.0	2.6	0.0	1.7	0.0
4	-2.5	12.9	0.4	0.8	-0.3	1.5	4.5	0.0	-0.2	0.0	5.1	6.5	3.4	13.6	0.8	0.0	4.0	0.0	5.8	0.0	2.8	1.0	2.1	0.0
5	-3.3	6.4	0.7	2.1	0.0	0.0	4.9	0.4	0.9	0.0	5.4	0.1	1.0	5.0	1.6	0.0	4.2	0.0	5.9	5.8	-1.9	33.9	2.5	0.0
6	-2.5	0.0	0.4	0.0	0.8	0.0	5.0	0.2	1.7	0.6	5.8	0.0	2.4	9.5	2.3	0.0	4.5	0.0	6.0	0.3	-3.0	0.1	2.6	0.5
7	-1.8	0.0	-0.9	10.5	1.4	0.0	5.3	0.0	1.8	4.7	6.2	0.0	1.1	7.2	2.7	1.0	4.7	0.0	6.1	22.7	-2.1	0.4	2.8	0.0
8	-1.1	0.0	-2.0	4.0	1.8	0.0	5.3	11.0	2.0	0.4	6.8	0.0	-0.1	15.4	3.0	0.1	4.9	0.0	-1.1	10.8	-1.5	0.0	3.0	0.4
9	-0.5	0.1	-2.4	0.8	2.3	0.0	5.3	1.7	2.7	1.3	7.7	0.0	-0.4	5.4	2.5	8.6	5.1	5.0	0.0	1.2	-1.0	0.0	3.3	0.2
10	0.0	0.0	-1.5	0.5	2.6	0.0	5.3	0.0	3.1	0.1	9.1	1.3	-2.0	27.4	0.0	17.6	5.3	0.0	-0.9	9.2	-1.2	4.5	3.4	0.1
11	0.6	0.0	-1.4	1.8	3.0	0.0	5.4	0.0	3.4	4.2	10.6	0.0	-2.3	12.3	-1.0	6.8	5.5	0.0	-1.4	10.1	-1.1	0.0	3.6	1.2
12	1.0	0.0	-0.6	0.0	3.2	0.0	5.5	0.0	3.4	1.4	12.9	0.0	-1.6	0.6	0.0	0.0	5.7	1.2	-0.8	0.0	-0.7	7.1	3.5	0.0
13	1.1	2.6	-2.0	22.2	3.5	0.0	5.7	0.0	3.1	4.7	15.4	0.0	-1.0	1.4	0.6	2.5	5.8	0.1	-0.6	4.1	-2.1	1.5	3.5	0.0
14	0.6	1.5	-3.1	0.0	3.7	0.0	5.8	0.0	1.2	7.0	19.3	0.0	-0.6	2.4	1.1	0.0	6.0	0.0	-0.3	0.1	-1.3	0.0	3.7	0.5
15	0.9	0.0	-2.6	13.4	4.0	0.0	6.0	0.0	0.9	3.8	24.8	0.0	0.2	0.0	-0.7	26.7	6.3	0.0	-0.1	2.9	-1.7	24.7	3.6	0.3
16	0.9	15.6	-3.3	6.6	4.2	0.0	6.2	0.0	1.4	0.0	31.6	0.0	1.2	0.0	-2.4	5.5	6.6	0.0	0.2	2.5	-3.3	13.5	3.6	0.3
17	-3.2	3.2	-2.5	0.0	4.3	0.0	6.4	0.0	2.5	0.0	39.1	0.0	2.2	0.0	-1.6	0.0	6.9	0.0	-0.6	4.0	-3.3	9.9	1.7	20.8
18	-2.4	0.0	-1.7	0.0	4.4	0.0	6.3	0.4	3.2	0.0	48.0	1.3	2.9	0.0	-1.0	0.0	7.3	0.3	0.2	0.0	-3.0	1.6	-3.3	4.8
19	-1.6	0.0	-1.0	0.0	4.6	0.0	6.4	0.1	3.8	0.0	56.1	0.0	3.4	0.0	-0.2	0.3	7.5	1.4	0.7	0.0	-2.4	0.4	-2.7	6.5
20	-0.9	0.0	-0.4	0.6	4.7	0.0	6.5	0.0	4.2	0.0	63.4	0.0	2.1	55.2	0.7	0.0	4.2	13.1	1.1	5.3	-1.8	0.0	-3.1	2.6
21	-0.3	0.0	-1.7	9.4	4.8	0.0	6.5	2.8	4.7	0.0	69.8	0.0	-2.4	20.1	1.5	0.0	3.9	16.2	-1.4	14.7	-1.3	0.0	-2.1	0.0
22	0.3	0.0	-2.0	4.0	4.5	13.9	6.8	0.0	5.0	0.2	77.3	0.0	-2.8	12.7	2.2	0.0	2.0	0.5	-2.2	6.7	-0.8	0.0	-1.3	0.0
23	0.8	2.0	-2.2	0.4	0.7	6.8	7.2	0.2	1.4	25.5	51.1	23.0	-1.8	0.0	2.6	0.1	3.1	0.0	-1.6	0.3	-0.3	0.0	-0.7	0.0
24	-1.3	4.8	-1.2	0.0	0.4	2.3	7.7	0.0	1.7	1.9	2.3	33.9	-0.4	0.0	2.7	3.9	3.6	1.7	-0.9	0.0	0.2	0.0	0.0	0.0
25	-0.4	0.0	-0.4	0.0	0.9	0.0	8.1	1.3	2.7	0.0	2.9	0.0	0.7	0.0	2.9	0.4	3.9	0.1	-0.5	0.6	0.6	0.0	0.4	0.0
26	0.2	3.1	0.1	2.8	1.8	0.0	8.5	6.7	3.3	3.2	4.5	0.0	-0.1	22.6	2.5	7.5	4.0	0.0	0.0	0.0	1.0	0.0	1.0	0.3
27	-1.9	4.9	-1.2	4.5	2.3	0.0	4.4	14.6	2.4	7.9	5.7	0.0	-1.6	0.0	1.2	4.3	3.9	0.0	0.5	0.0	1.3	0.0	0.6	5.9
28	-1.2	0.0	-1.7	1.7	2.9	0.0	0.8	22.0	1.9	0.0	6.2	5.1	-0.9	7.2	1.7	0.0	4.1	0.0	1.0	0.0	1.6	0.0	-1.8	0.8
29	-0.4	0.0			3.2	0.0	-0.3	0.5	2.8	3.2	5.3	17.4	-1.7	4.5	2.4	4.4	4.3	0.0	1.4	2.0	1.9	0.0	-1.4	0.1
30	0.2	0.0			3.5	0.0	-0.2	6.9	3.2	0.0	3.2	1.9	-2.0	11.5	2.5	0.0	4.6	1.0	1.7	0.0	2.1	0.0	-0.7	0.2
31	0.8	0.0			3.8	0.0			3.8	0.0			-1.6	0.0	3.0	0.6			2.0	0.0			-0.4	0.0

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

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	64.9	93.2	28.4	68.8	83.2	91.7	244.2	96.9	41.2	103.7	98.6	49.7
Saugspannung 20 cm (cbar)	Monatsmittel	0.8	0.3	4.0	9.3	4.0	39.7	1.5	2.7	14.8	5.3	1.1	1.9
	Maximum	3.0	3.4	8.7	23.8	16.3	86.0	7.7	5.5	37.7	23.1	4.4	4.1
	Minimum	-2.1	-2.2	0.0	-0.3	-0.4	1.1	-1.6	-1.5	1.1	-1.0	-2.0	-2.0
Saugspannung 35 cm (cbar)	Monatsmittel	-0.7	-1.2	2.4	5.3	2.2	20.3	0.3	1.1	4.7	1.2	-0.5	1.0
	Maximum	1.5	1.9	4.9	9.5	5.4	81.9	5.8	3.3	8.0	6.4	2.9	4.9
	Minimum	-3.6	-3.6	-1.3	-1.3	-1.7	0.3	-3.0	-2.7	1.3	-2.8	-3.6	-3.4
Bodentemperatur 20 cm (°C)	Monatsmittel	3.9	4.0	6.3	11.0	13.8	17.8	18.3	17.9	16.0	13.8	9.4	5.6
	Maximum	5.0	5.9	9.0	14.5	16.7	20.9	19.9	20.4	18.0	16.1	11.1	8.0
	Minimum	2.1	1.8	4.2	7.7	10.2	14.2	16.3	15.6	13.3	10.0	7.8	3.1
Bodentemperatur 35 cm (°C)	Monatsmittel	4.2	4.1	6.2	10.3	13.1	16.9	17.7	17.6	16.0	14.0	9.9	6.5
	Maximum	4.9	5.3	7.8	12.6	15.1	18.4	18.6	19.0	17.2	15.3	11.3	8.8
	Minimum	2.9	2.6	4.8	7.6	11.0	14.4	16.4	16.2	14.2	11.3	8.8	3.9
Lufttemperatur (°C)	Monatsmittel	2.3	3.2	6.6	10.9	12.7	18.3	17.9	16.9	15.6	12.3	6.4	2.4
	Maximum	12.6	12.3	21.6	21.7	27.6	36.0	32.6	29.0	28.3	23.4	14.5	12.6
	Minimum	-4.5	-4.8	-2.6	-0.6	-0.1	5.3	7.0	6.8	4.1	1.9	0.6	-13.9





Darstellung der Tagesmittelwerte; Lücken = keine Daten

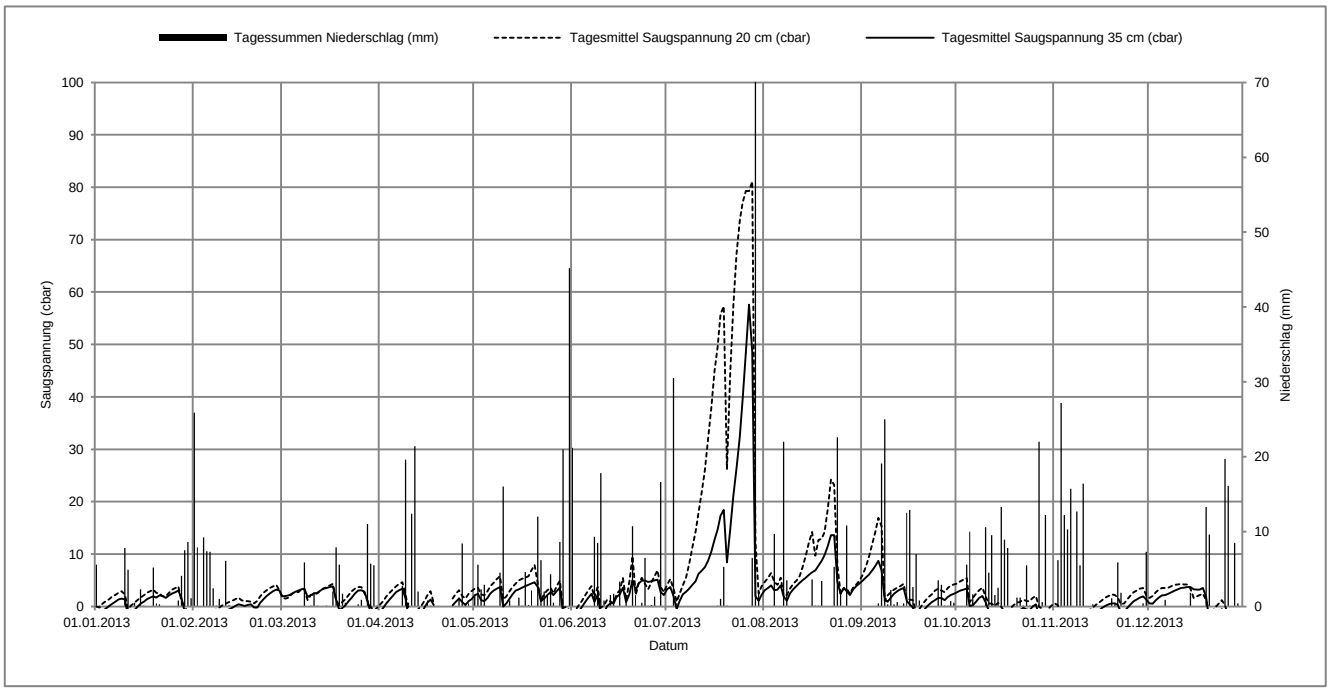
Bodenmesswerte	**Bellach** **Wiese**	Braunerde-Gley
	Koordinaten 603887 / 228387, 430 müM	schwerer Boden

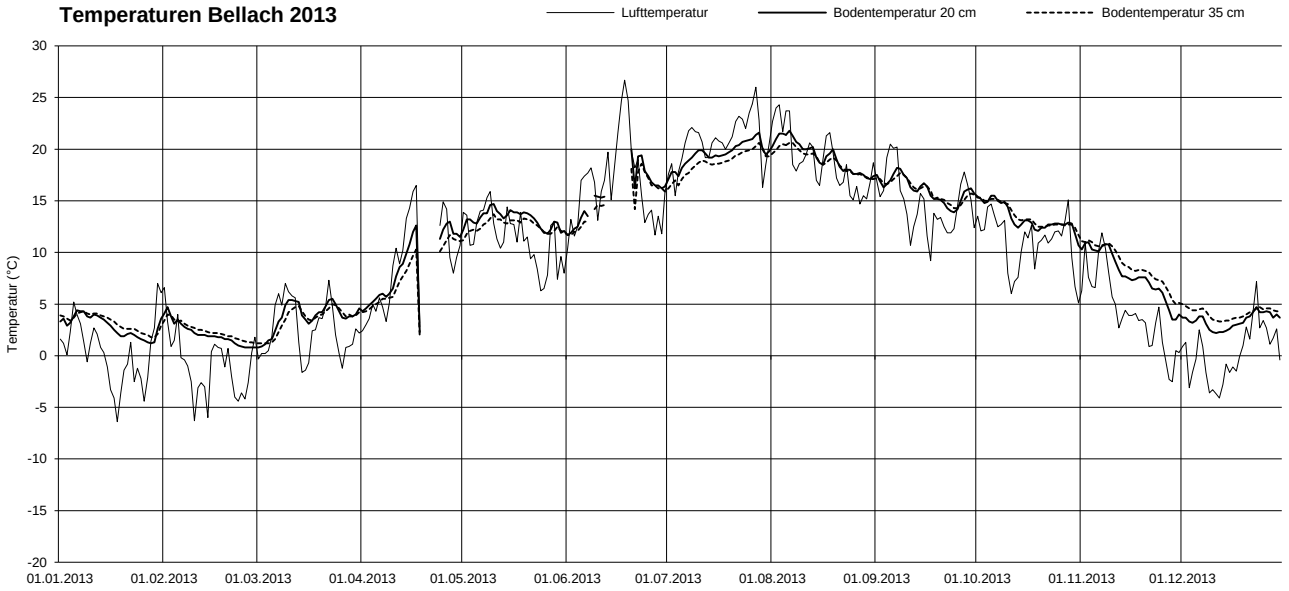
2013	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
Tag	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	-1.4	5.6	-2.7	25.9	1.9	0.0	-1.0	0.0	2.1	1.6	-2.9	21.2	3.3	0.0	3.1	0.0	4.9	0.0	2.7	0.0	-0.9	0.0	0.6	0.0
2	-1.6	0.1	-2.9	7.9	2.0	0.0	-0.2	0.0	2.4	5.6	-2.1	0.0	3.7	0.0	3.5	0.0	5.5	0.0	3.0	0.0	-1.4	6.2	0.5	0.0
3	-0.8	0.0	-2.6	0.0	2.1	0.0	0.6	0.0	1.2	2.3	-1.0	0.0	2.0	30.5	4.0	0.0	6.0	0.0	3.2	0.0	-3.2	27.2	1.2	0.0
4	-0.4	0.0	-2.7	9.2	2.4	0.0	1.3	0.0	1.0	2.9	-0.1	0.0	-0.5	0.4	3.1	9.7	6.8	0.0	3.4	5.6	-3.1	12.2	1.7	0.0
5	0.1	0.0	-3.1	7.4	2.8	0.0	2.0	0.0	1.6	0.0	0.8	0.0	1.0	0.0	3.2	0.0	7.7	0.0	0.1	10.0	-3.1	10.3	2.1	0.0
6	0.5	0.0	-2.7	7.3	3.0	0.0	2.7	0.0	2.5	0.0	1.7	0.0	2.3	0.0	4.0	0.0	8.7	0.4	0.2	1.6	-3.4	15.7	2.2	0.9
7	0.9	0.0	-2.4	2.4	3.3	0.0	3.1	0.0	3.0	0.0	2.4	0.0	2.8	0.0	1.9	22.0	6.9	19.1	0.9	0.0	-2.7	0.0	2.4	0.0
8	1.3	0.0	-2.1	0.1	3.4	5.9	3.4	2.7	3.4	0.0	(0.9)	(9.3)	3.4	0.0	1.1	3.5	1.3	25.0	1.6	0.0	-2.3	12.7	2.7	0.0
9	1.5	0.0	-1.7	1.0	1.8	0.0	1.5	19.6	3.7	4.5	2.1	8.5	4.1	0.0	2.5	0.0	0.9	0.3	2.0	0.0	-3.1	5.5	3.0	0.0
10	1.3	7.8	-1.3	0.1	2.2	0.1	-1.9	0.5	0.0	16.0	-1.5	17.8	4.8	0.0	3.3	0.0	1.7	2.2	0.8	10.6	-3.2	16.4	3.3	0.0
11	-1.8	4.9	-0.9	6.1	2.5	1.9	-2.4	12.4	0.6	0.0	-1.1	0.8	6.2	0.0	3.9	0.0	2.4	0.3	-0.8	4.5	-2.9	0.0	3.5	0.0
12	-1.3	0.0	-0.6	0.2	2.6	0.1	-2.9	21.4	1.5	0.8	0.1	0.0	6.8	0.0	4.5	0.0	2.9	0.6	-1.0	9.5	-2.2	0.0	3.6	0.0
13	-0.7	0.5	-0.3	0.0	3.0	0.0	-2.2	2.0	2.3	0.0	0.6	1.5	7.5	0.0	5.0	0.0	3.3	0.0	-1.6	1.5	-1.7	0.3	3.7	0.0
14	-0.1	0.0	0.1	0.0	3.4	0.0	-1.3	0.0	3.0	0.0	(0.6)	(1.7)	8.7	0.0	5.5	0.0	3.5	0.4	-1.0	2.5	-1.3	0.0	3.7	1.8
15	0.5	2.3	0.4	0.0	3.5	0.1	-0.2	0.0	3.3	1.2	1.8	0.0	10.4	0.0	6.0	0.0	1.0	12.5	-1.8	13.3	-0.8	0.0	3.3	0.0
16	0.9	0.1	0.3	0.0	3.7	0.0	0.7	0.8	3.6	0.1	2.3	3.3	12.7	0.0	6.5	3.6	0.4	12.9	-2.6	8.9	-0.3	0.0	3.2	0.0
17	1.4	0.0	0.1	0.0	3.8	2.0	-	-	3.9	4.6	3.6	0.0	14.7	0.1	6.9	0.1	-	-	-2.6	7.8	0.1	0.0	3.2	0.0
18	1.7	0.0	0.3	0.0	1.3	7.9	-	-	4.1	0.2	(0.8)	(1.1)	17.3	1.0	7.8	0.1	-	-	-1.9	0.0	0.4	0.0	3.5	0.0
19	1.9	5.2	0.4	0.0	-0.7	5.6	-	-	4.4	2.1	2.3	0.0	18.4	5.3	8.7	3.4	-2.0	0.8	-1.3	0.0	0.6	1.1	1.8	13.3
20	1.7	0.4	-0.2	0.0	-0.3	1.7	-	-	4.6	0.0	5.0	10.7	8.4	0.1	9.8	0.0	-1.1	0.0	-0.9	1.2	0.6	0.3	-2.9	9.6
21	2.1	0.3	-0.2	0.0	0.2	0.5	-	-	3.7	12.0	3.1	1.5	14.6	0.0	11.5	0.0	-0.3	0.0	-0.7	1.2	0.3	5.9	-2.5	0.0
22	2.0	0.0	0.7	0.0	1.0	0.0	-	-	1.0	6.2	4.4	0.0	21.1	0.0	13.6	0.0	0.3	0.0	-0.3	0.1	-1.1	1.8	-1.7	0.1
23	1.6	0.0	1.4	0.0	1.7	0.0	-	-	1.5	2.0	4.9	0.5	26.4	0.0	13.6	5.3	0.8	0.0	-0.6	5.5	-1.0	0.1	-1.1	0.0
24	2.1	0.0	2.0	0.0	2.5	0.0	0.2	0.0	2.2	1.4	4.9	6.5	32.3	0.0	4.7	22.6	1.2	0.0	-0.7	0.1	-0.3	0.0	-0.5	0.0
25	2.5	0.0	2.5	0.0	3.0	0.3	0.9	0.0	2.7	4.3	4.7	0.1	39.5	0.0	2.4	1.8	1.6	3.5	0.0	0.1	0.4	0.0	-1.4	19.7
26	2.7	0.0	2.9	0.0	3.1	0.9	1.5	1.2	2.2	0.5	4.8	0.2	48.4	0.0	3.5	0.0	1.6	2.9	0.4	0.0	1.0	0.0	-3.5	16.1
27	3.0	0.8	3.2	0.0	2.8	0.0	0.8	8.4	2.9	0.0	5.0	1.3	57.6	0.0	2.9	10.8	1.2	0.1	-1.7	22.0	1.3	0.0	-3.0	0.0
28	1.6	4.1	3.0	0.0	1.0	11.0	0.3	0.1	3.6	8.6	5.1	0.0	48.6	6.5	2.2	0.0	1.8	0.1	-2.1	0.6	1.7	0.0	-2.5	8.5
29	-1.0	7.5			-1.2	5.7	1.0	0.4	-1.1	21.0	2.7	16.6	2.0	70.9	3.2	0.0	2.2	0.7	-2.7	12.2	1.9	0.4	-2.9	0.4
30	-2.9	8.6			-2.2	5.5	1.4	0.0	-1.4	0.0	2.2	0.0	1.1	2.1	3.9	0.0	2.4	0.5	-2.0	0.0	1.3	7.3	-2.0	0.0
31	-2.5	1.1			-1.8	0.1			-1.9	45.2			2.2	0.0	4.4	0.0			-1.4	0.0			-1.4	0.0

SS35 = Tagesmittelwerte Saugspannung (cbar) in 35 cm Tiefe; N = Tagessummen Niederschlag (mm); 17.04.13 bis 23.04.13 und 17.09.13 bis 18.09.13 Station Ausser Betrieb, 08.06.13, 14.06.13 und 18.06.13 Station teilweise ausser Betrieb

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	49.3	67.6	49.3	(69.5)	143.1	(102.6)	116.9	82.9	(82.3)	118.8	123.4	70.4
Saugspannung 20 cm (cbar)	Monatsmittel	1.6	0.9	2.2	(1.8)	3.5	(3.3)	32.5	8.1	(4.7)	1.3	0.6	1.6
	Maximum	4.0	4.2	4.7	(5.2)	8.7	(11.0)	82.0	32.4	(19.1)	5.7	4.5	5.5
	Minimum	-1.5	-1.8	-1.3	(-1.5)	-1.9	(-1.9)	-0.6	0.3	(-1.7)	-1.5	-2.1	-2.2
Saugspannung 35 cm (cbar)	Monatsmittel	0.5	-0.3	1.9	(0.4)	2.2	(2.2)	14.0	5.2	(2.6)	-0.3	-0.9	0.8
	Maximum	3.2	3.6	4.3	(3.6)	4.8	(5.7)	66.4	17.1	(9.2)	3.5	3.3	4.0
	Minimum	-3.2	-3.3	-2.8	(-3.3)	-3.0	(-3.2)	-2.0	-0.3	(-3.2)	-3.1	-3.6	-3.6
Bodentemperatur 20 cm (°C)	Monatsmittel	2.8	2.1	3.8	(8.5)	13.2	(16.0)	19.6	19.3	(16.2)	13.4	7.9	3.4
	Maximum	4.7	4.9	6.4	(13.9)	15.2	(21.1)	22.6	22.6	(18.9)	15.8	11.3	5.0
	Minimum	1.2	0.8	0.8	(3.8)	11.4	(11.6)	16.0	16.5	(13.5)	10.4	3.4	2.2
Bodentemperatur 35 cm (°C)	Monatsmittel	3.2	2.4	3.5	(7.5)	12.6	(15.2)	18.7	18.9	(16.2)	13.5	8.7	4.1
	Maximum	4.4	4.1	5.0	(11.8)	13.7	(18.9)	20.7	20.9	(17.8)	15.5	11.4	5.1
	Minimum	1.8	1.2	1.2	(4.1)	11.0	(7.1)	16.0	16.9	(14.2)	11.4	4.9	3.3
Lufttemperatur (°C)	Monatsmittel	0.4	-0.9	2.5	(8.8)	11.4	16.0	20.8	18.9	(14.9)	11.1	4.3	0.2
	Maximum	11.0	9.2	13.7	(25.6)	24.4	34.5	36.1	33.2	(32.1)	21.5	17.0	11.9
	Minimum	-10.5	-14.0	-7.4	(-0.8)	2.8	4.9	7.9	8.4	(5.6)	1.0	-6.0	-6.9

( ) = Datengrundlage unvollständig





Darstellung der Tagesmittelwerte; Lücken = keine Daten

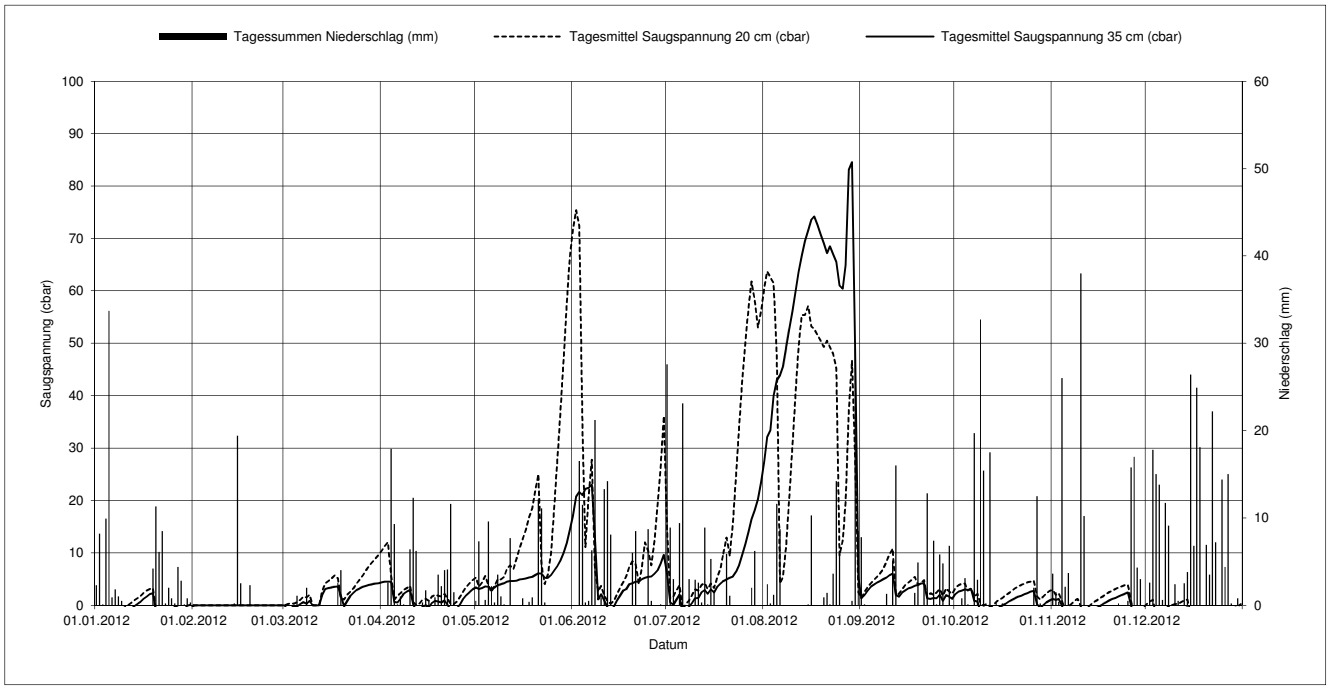
Bodenmesswerte	**Bellach** **Wiese**	Braunerde-Gley
	Koordinaten 603887 / 228387, 430 müM	schwerer Boden

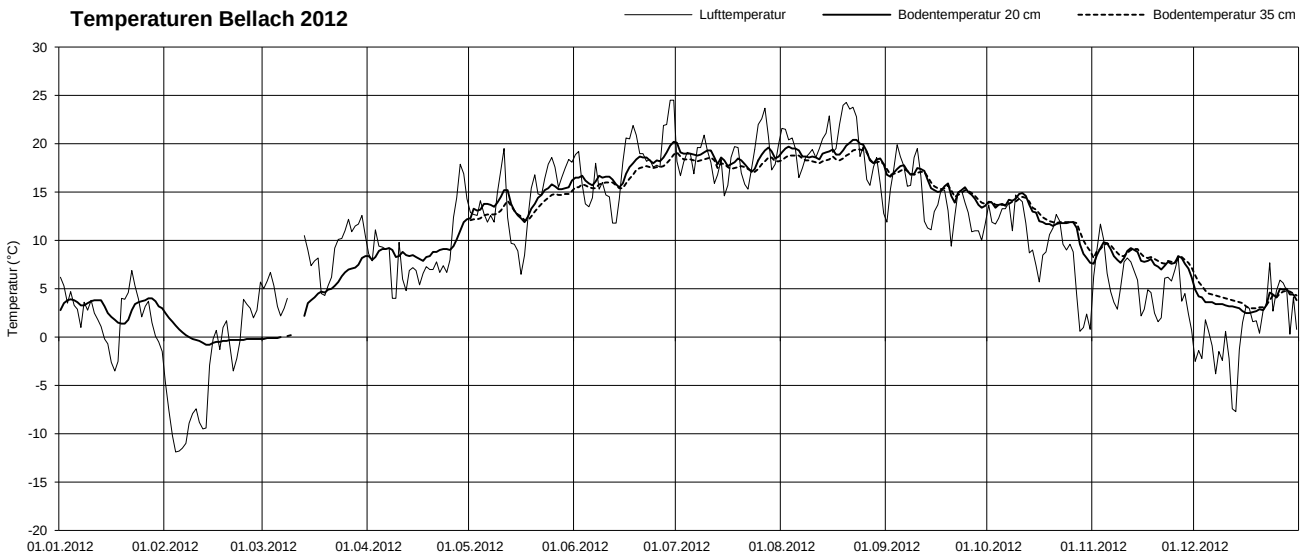
2012	Jan		Feb		März		April		Mai		Juni		Juli		Aug		Sept		Okt		Nov		Dez	
Tag	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)	SS35 (cbar)	N (mm)
1	-3.4	2.3	-	0.0	-	0.0	4.4	0.0	3.4	0.5	17.0	0.0	6.1	27.6	27.5	0.0	1.3	7.8	2.1	0.0	1.2	3.6	-1.2	0.0
2	-2.9	8.2	-	0.0	-0.9	0.0	4.5	0.0	3.1	7.3	20.7	0.0	0.5	8.9	32.1	2.4	1.9	0.1	2.6	0.0	1.0	1.5	-0.9	2.6
3	-2.7	0.1	-	0.0	-0.6	0.0	4.5	2.6	3.3	0.0	21.6	16.5	0.1	3.0	33.4	0.2	2.8	0.0	2.8	0.8	1.2	0.4	-0.6	17.8
4	-2.9	9.9	-	0.0	-0.2	0.0	4.5	17.9	3.6	0.6	21.0	11.5	1.0	0.0	40.0	1.2	3.5	0.0	3.0	3.1	-0.1	26.0	-3.5	15.0
5	-3.4	33.7	-	0.0	-0.3	1.1	0.6	9.3	3.5	9.6	22.2	0.3	2.0	9.4	42.9	11.6	3.9	0.0	2.9	0.1	-2.5	2.1	-3.1	13.8
6	-3.1	0.9	-	0.0	0.2	0.0	0.5	0.1	3.0	2.2	22.4	0.5	-2.0	23.1	43.9	8.7	4.3	0.0	3.1	0.0	-2.0	3.7	-2.8	0.6
7	-2.6	1.8	-	0.0	0.6	0.0	1.2	1.0	3.4	0.3	23.0	6.3	-1.0	0.0	45.5	0.0	4.6	0.0	0.8	19.7	-1.3	0.0	-2.3	11.7
8	-2.4	1.0	-	0.0	0.3	2.0	2.2	0.1	3.8	3.5	12.8	21.2	-0.3	3.0	49.1	0.0	5.0	0.0	0.7	2.9	-0.9	0.0	-1.8	9.1
9	-1.9	0.5	-	0.0	0.8	0.0	2.6	0.0	4.0	1.0	1.1	0.0	0.4	0.0	52.7	0.0	5.3	1.3	-1.4	32.7	-0.5	0.0	-1.5	0.1
10	-1.5	0.0	-	0.0	-	-	2.9	6.4	4.2	0.1	2.1	0.9	1.3	2.9	56.1	0.0	5.7	0.0	-1.8	15.4	-2.0	38.0	-1.4	2.4
11	-1.1	0.0	-	0.0	-	-	0.2	12.3	4.5	0.0	0.9	13.3	1.4	2.6	60.0	0.0	6.0	5.1	-1.4	0.0	-3.0	10.2	-1.2	0.5
12	-0.7	0.0	-	0.0	-	-	-1.1	6.2	4.6	7.7	-0.4	14.2	2.5	0.3	63.6	0.0	1.9	16.0	-1.9	17.5	-2.4	0.0	-1.0	0.0
13	-0.2	0.0	-	0.0	2.0	0.0	-1.1	0.0	4.6	0.0	-0.8	8.1	2.9	8.9	66.7	0.0	1.6	0.0	-1.6	0.0	-1.6	0.0	-0.7	2.5
14	0.2	0.0	-	0.2	3.1	0.0	-0.3	0.3	4.7	0.0	-0.3	0.0	2.2	0.1	69.5	0.0	2.4	0.0	-1.0	0.3	-1.0	0.0	-0.4	3.8
15	0.6	0.0	-	19.4	3.3	0.0	0.0	1.7	4.9	0.0	0.8	0.0	3.0	5.3	71.5	0.1	2.8	0.0	-0.4	0.0	-0.6	0.0	-3.0	26.4
16	1.2	0.0	-	2.5	3.4	0.0	-0.4	0.6	5.0	0.8	1.8	0.0	2.4	1.7	73.6	10.3	3.2	0.0	0.0	0.2	-0.2	0.0	-3.3	6.8
17	1.6	0.0	-	0.0	3.5	0.0	0.4	0.0	5.1	0.0	2.8	0.0	3.5	0.0	74.2	0.0	3.4	0.0	0.3	0.0	0.2	0.0	-3.5	24.9
18	2.1	0.0	-	0.0	3.6	2.6	0.8	0.9	5.3	0.4	3.1	0.0	4.1	0.0	72.6	0.0	3.7	1.4	0.7	0.0	0.5	0.0	-3.4	18.1
19	2.3	4.2	-	2.3	1.8	4.0	0.7	3.5	5.4	0.9	4.0	0.0	4.6	0.0	70.8	0.0	3.9	4.9	1.0	0.0	0.9	0.0	-3.1	0.0
20	-1.1	11.3	-	0.0	-0.2	0.0	0.5	2.2	5.8	0.0	4.2	6.0	4.9	5.9	69.1	0.9	4.1	0.0	1.3	0.0	1.2	0.0	-2.7	6.9
21	-3.1	6.1	-	0.0	0.8	0.0	0.9	4.0	6.1	12.1	4.5	8.5	5.2	1.1	67.2	1.4	4.2	2.7	1.6	0.0	1.4	0.0	-3.0	3.5
22	-3.0	8.5	-	0.0	1.8	0.0	0.1	4.1	6.0	11.1	4.5	0.0	5.5	0.0	68.5	0.1	1.3	12.8	1.8	0.0	1.7	0.2	-2.8	22.2
23	-2.2	0.2	-	0.0	2.4	0.0	-0.9	11.6	5.2	0.3	5.0	0.0	6.4	0.0	67.0	3.6	1.2	0.0	2.1	0.0	1.9	0.0	-3.0	7.2
24	-1.8	2.0	-	0.0	2.9	0.0	-1.2	1.5	5.2	0.0	5.2	0.0	7.6	0.0	65.5	14.2	1.4	7.4	2.3	0.0	2.2	0.0	-2.3	0.0
25	-1.9	0.8	-	0.0	3.2	0.0	-0.6	0.0	5.8	0.0	5.4	8.7	9.6	0.0	61.0	5.8	1.3	0.1	2.6	0.0	2.4	0.5	-2.1	14.4
26	-1.3	0.2	-	0.0	3.5	0.0	0.2	0.0	6.6	0.0	5.5	0.5	11.7	0.0	60.4	0.0	2.0	5.8	2.7	2.0	0.0	15.8	-2.9	4.4
27	-1.4	4.4	-	0.0	3.7	0.0	1.2	0.0	7.4	0.0	6.0	0.0	14.1	0.0	64.9	0.0	0.8	4.8	0.2	12.5	-2.8	17.0	-2.9	15.0
28	-2.0	2.8	-	0.0	3.9	0.0	1.9	0.0	8.5	0.0	6.7	0.0	16.4	2.0	83.1	0.0	1.9	0.0	-0.5	0.2	-2.9	4.3	-2.6	0.2
29	-1.8	0.1	-	0.0	4.0	0.0	2.5	0.0	10.0	0.0	7.9	0.1	18.1	6.2	84.6	0.5	1.6	6.8	0.0	0.0	-2.5	3.0	-2.0	0.0
30	-1.2	0.8			4.1	0.0	3.0	0.0	11.9	0.0	9.6	0.0	20.2	0.0	47.8	29.4	1.2	0.0	0.5	0.0	-1.8	0.0	-1.6	0.8
31	-	0.3			4.2	0.0			14.3	0.0			23.5	0.0	5.4	8.5			0.9	0.0			-1.1	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; 10.03.12 bis 12.03.12 Station ausser Betrieb

		Jan	Feb	März	April	Mai	Juni	Juli	Aug	Sept	Okt	Nov	Dez
Niederschlag (mm)	Monatssumme	100.1	24.4	(9.7)	86.3	58.4	116.6	112.0	98.9	77.0	107.4	126.3	230.7
Saugspannung 20 cm	Monatsmittel	(-0.3)	-	(3.7)	2.9	15.3	16.8	17.7	39.7	4.1	2.3	1.1	-0.6
(cbar)	Maximum	(3.3)	-	(10.1)	12.8	69.6	77.2	64.7	64.4	12.1	4.8	4.1	1.3
	Minimum	(-2.8)	-	(0.1)	-0.5	1.4	-0.5	-1.6	0.3	0.1	-1.4	-1.7	-2.3
Saugspannung 35 cm	Monatsmittel	(-1.4)	-	(2.0)	1.2	5.6	8.0	5.7	57.7	2.9	0.8	-0.4	-2.2
(cbar)	Maximum	(2.5)	-	(4.9)	5.1	16.9	26.0	26.5	85.2	6.6	3.2	2.6	-0.2
	Minimum	(-3.8)	-	(-1.1)	-2.2	1.4	-1.8	-2.9	1.5	0.0	-2.9	-3.5	-3.8
Bodentemperatur 20 cm	Monatsmittel	3.1	0.0	(3.9)	9.0	14.1	17.4	18.6	19.1	15.8	12.4	8.1	3.6
(°C)	Maximum	4.1	2.9	(8.9)	12.4	17.0	20.8	20.7	20.9	18.2	15.1	10.3	5.7
	Minimum	1.2	-0.8	(-0.2)	7.5	11.2	15.0	16.6	17.2	13.2	7.5	5.7	2.4
Bodentemperatur 35 cm	Monatsmittel	-	-	-	-	13.4	16.6	18.0	18.6	15.9	12.6	8.4	4.1
(°C)	Maximum	-	-	-	-	15.4	19.1	19.2	19.6	17.8	14.5	9.8	6.9
	Minimum	-	-	-	-	11.9	15.3	16.9	17.8	13.8	8.8	6.9	3.0
Lufttemperatur	Monatsmittel	2.3	-3.7	(7.4)	8.7	14.2	17.8	18.5	19.7	14.2	9.6	5.4	0.8
(°C)	Maximum	9.9	14.8	(21.2)	30.1	29.2	32.4	34.3	35.9	29.1	22.9	17.1	10.6
	Minimum	-7.9	-16.3	(-4.0)	-2.3	-0.5	6.2	7.4	8.0	3.2	-2.7	-1.6	-15.2

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