

Kaiserstuhl (KAI)			
Northing	Easting	Height (m.a.s.l.)	Exposition [°]
40.086013	97.667081	415	0-15 (NNO)
Aspect [°]	Mean Annual temperature (1991-2020) [°C]	Annual Precipitation (1991-2020) [mm]	
25	9.3	984	
Humus Form (KA 6)	Soil type (WRB 4th. Ed.)	bedrock	
Fine humus poor F-Mull (MFL)	Skeletal Umbrisol (katosiltic, humic, epileptic)	Essexite and Theralite (Magmatite)	



Humus Profile KAI (KA6)										
Horizon	Upper	Lower	coverage	Layer boundary		packaging	Coarse fragments	Litter origin		
	boundary [cm]			distinctness	shape					
Oi	8	5	100	diffuse	wavy					
Olf	5	0	100	clear	wavy					
Humus form according KA6						Class	Type	Sub-type	ID	
						Mull humus form	F-Mull	Fine Humus Poor F-Mull	MFL	

Soil profile KAI (WRB 4 <sup>th</sup> ed.)																
Horizon	Upper	Lower	Coarse fragments [V/V]	OC [g kg <sup>-1</sup> ]	pH (H <sub>2</sub> O)	BS [%]	Structure				Texture			Color		
	boundary [cm]						Type 1	[V/V]	Type 2	[V/V]	Sand [V/V]	Silt [V/V]	Clay [V/V]			
Oi	0	1.5	0													
Oe	1.5	2	0													
Ah1	2	20	2				GR	70	BS	30	28	60	12	7.5 YR 3/2		
2Ah2	20	28	40				BS	100			26	62	12	7.5 YR 3/3		
2BwC	28	55	60				BS	100			27	62	11	10 YR 4/3		
2CBw	55	100+	75				BS	100			26	62	12	10 YR 4/4		
Soil type according WRB 4 <sup>th</sup> ed. :				Skeletal Umbrisol (katosiltic, humic, epileptic)												