

	TEXTURE	<u>Vol moisture</u>		<u>parameters</u>		<u>SAT</u> <u>flow</u>	<u>CALCULATED</u> <u>at mid-saturation</u>		
		RESID	SATUR	alpha (1/cm)	n	Ksat (cm/d)	Suction (atm)	Kunsat (cm/d)	
1	Sand	0.045	0.43	0.145	2.68	713	88	25.	
2	Loamy sand	0.057	0.41	0.124	2.28	350	117	7.6	
3	Sandy loam	0.065	0.41	0.075	1.89	106	248	1.0	loose
4	Loam	0.078	0.43	0.036	1.56	25	849	5.0E-2	
5	Sandy clay loam	0.10	0.39	0.059	1.48	31	647	3.5E-2	moder
6	Silt loam	0.067	0.45	0.02	1.41	11	2480	5.0E-3	
7	Silt	0.034	0.46	0.016	1.37	6.0	3760	1.9E-3	
8	Clay loam	0.095	0.41	0.019	1.31	6.2	4630	7.4E-4	tight
9	Sandy clay	0.10	0.38	0.027	1.23	2.9	7240	4.4E-5	
10	Silty clay loam	0.089	0.43	0.01	1.23	1.7	19600	2.6E-5	
11	Silty clay	0.07	0.36	0.005	1.09	0.5	4.3M	1.2E-10	

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Volumetric moisture, parameters, and saturated hydraulic conductivity are from the U.S. Environmental Protection Agency, Unsaturated Soil Hydraulic Database, EPA/600/R-96/095, August, 1996.