

HEL Frozen Soils List for Water Erosion Pre-1990 Island of Guam, Territory of Guam

Highly Erodible Land Classes:

Class 1 = HEL (Highly Erodible Land)

Class 2 = Potentially HEL

Class 3 = NHEL (Non-HEL)

Soil Map Unit Number	Soil Map Unit Name	K Factor	Soil Loss Tolerance (T) Value	HEL Class
1	Agfayan Clay, 15 to 30 percent slopes	0.2	1	1
2	Agfayan Clay, 30 to 60 percent slopes	0.2	1	1
3	Agfayan-Rock Outcrop Complex, 7 to 15 percent slopes	0.2	1	1
4	Agfayan-Rock Outcrop Complex, 15 to 30 percent slopes	0.2	1	1
5	Agfayan-Rock Outcrop Complex, 30 to 60 percent slopes	0.2	1	1
6	Agfayan-Akina Association, extremely steep	0.2	1	1
7	Agfayan-Akina-Rock Outcrop Association, extremely steep	0.2	1	1
8	Akina Silty Clay, 3 to 7 percent slopes	0.2	5	2
9	Akina Silty Clay 7 to 15 percent slopes	0.2	5	1
10	Akina Silty Clay, 15 to 30 percent slopes	0.2	5	1
11	Akina Silty Clay, 30 to 60 percent slopes	0.2	5	1
12	Akina-Agfayan Association, steep	0.2	5	1
13	Akina-Atate Silty Clays. 0 to 7 percent slopes	0.2	5	2
14	Akina-Atate Clays, 7 to 15 percent slopes	0.2	5	1
15	Akina-Atate Silty Clays, 15 to 30 percent slopes	0.2	5	1
16	Akina-Atate Silty Clays, 30 to 60 percent slopes	0.2	5	1
17	Akina-Atate Association, steep	0.2	5	1
18	Akina-Badland Complex, 7 to 15 percent slopes	0.2	5	1
19	Akina-Badland Complex, 15 to 30 percent slopes	0.2	5	1
20	Akina-Badland Complex, 30 to 60 percent slopes	0.2	5	1
21	Akina-Badland Association, steep	0.2	5	1
22	Akina-Urban Lands Complex, 0 to 7 percent slopes	0.2	5	2
23	Chacha Clay, 0 to 5 percent slopes	0.15	5	2
24	Chacha Variant Clay, 0 to 3 percent slopes	0.15	5	3
25	Guam Cobbly Clay Loam, 3 to 7 percent slopes	0.05	1	1
26	Guam Cobbly Clay Loam, 7 to 15 percent slopes	0.05	1	1
27	Guam-Saipan Complex, 0 to 7 percent slopes	0.05	1	2
28	Guam-Urban Land Complex, 0 to 3 percent slopes	0.05	1	2
29	Guam-Yigo Complex, 0 to 7 percent slopes	0.05	1	2
30	Inarajan Clay, 0 to 4 percent slopes	0.24	5	2
31	Inarajan Sandy Clay Loam, 0 to 3 percent slopes	0.17	5	3
32	Inarajan Cariant Mucky Clay, 0 to 3 percent sploes	0.28	5	3
33	Pulantat Clay, 3 to 7 percent slopes	0.24	1	1
34	Pulantat Clay, 7 to 15 percent slopes	0.24	1	1
35	Pulantat Clay, 15 to 30 percent slopes	0.24	1	1
36	Pulantat Clay, 30 to 60 percent slopes	0.24	1	1
37	Pulantat-Chacha Clays, 0 to 7 percent slopes	0.24	1	2
38	Pulantat-Chacha Clays, 7 to 15 percent slopes	0.24	1	2
39	Pulantat-Kagman Clays, 0 to 7 percent slopes	0.24	1	2
40	Pulantat-Kagman Clays, 7 to 15 percent slopes	0.24	1	2
41	Pulantat-Urban Land Complex, 0 to 7 percent slopes	0.24	1	2
42	Pulantat-Urban Land Complex, 7 to 15 percent slopes	0.24	1	1
43	Ritidian-Rock Outcrop Complex, 3 to 15 percent slopes	0.02	1	2

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44	Ritidian-Rock Outcrop Complex, 15 to 60 percent slopes	0.02	1	1
45	Rock Outcrop-Ritidian Complex, 60 to 99 percent slopes	0.02	1	1
46	Sasalaguan Clay, 7 to 15 percent slopes	0.28	4	1
47	Shioya Loamy Sand, 0 to 5 percent slopes	0.15	5	2
48	Togcha-Akina Silty Clays, 3 to 7 percent slopes	0.15	5	2
49	Togcha-Akina Silty Clays, 7 to 15 percent slopes	0.15	5	2
50	Togcha-Ylig Complex, 3 to 7 percent slopes	0.15	5	2
51	Togcha-Ylig Complex, 7 to 15 percent slopes	0.15	5	2
52	Troposaprists, 0 to 1 percent slopes	0.02	5	3
54	Ylgi Clay, 0 to 3 percent slopes	0.24	5	3
55	Ylgi Clay, 3 to 7 percent slopes	0.24	5	2