

Ecological site group 058AESG07

Loamy Uplands

Last updated: 01/07/2025
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Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR<8
- Gypsum <5% surface and <10% subsurface
- Subsurface EC<8 and surface EC<4
- EC <1.5 surface and <2 subsurface
- Slope <35% or <40% surface rock
- Depth >55cm
- Rock <30% surface and <30% subsurface
- Clay <30% surface and <35% subsurface
- Sand <75% or texture is sandy loam or finer in surface & subsurface
- Clay <20% or texture is sandy loam or sandier in surface

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Physiography

This soil geomorphic unit is located on hills and alluvial fans.

Vegetation dynamics

The modal ecological site for this soil geomorphic unit is R058AE003MT Sandy (Sy) RRU 58A-E 10-14" p.z.

Major Land Resource Area

MLRA 058A
Northern Rolling High Plains, Northern Part

Subclasses

- R058AC040MT–Silty (Si) RRU 58A-C 11-14" p.z.
- R058AC042MT–Sandy (Sy) RRU 58A-C 11-14" p.z.
- R058AC044MT–Subirrigated (Sb) RRU 58A-C 11-14" p.z.
- R058AC045MT–Overflow (Ov) RRU 58A-C 11-14" p.z.
- R058AC057MT–Shallow (Sw) RRU 58A-C 11-14" p.z.
- R058AE003MT–Sandy (Sy) RRU 58A-E 10-14" p.z.
- R058AE004MT–Silty-Steep (SiStp) RRU 58A-E 10-14" p.z.
- R058AE006MT–Sandy-Steep (SyStp) RRU 58A-E 10-14" p.z.
- R058AE007MT–Overflow (Ov) RRU 58A-E 10-14" p.z.
- R058AE017MT–Very Shallow (VSw) RRU 58A-E 10-14" p.z.
- R058AE018MT–Sands (Sa) RRU 58A-E 10-14" p.z.
- R058AE019MT–Shallow (Sw) RRU 58A-E 10-14" p.z.
- R058AY001MT–Loamy (Lo) 10-14 P.Z.

- R058AY715MT–Sandy 10-14
- R058AY727MT–Loamy 15-19
- R058AY728MT–Loamy Steep 15-19
- R058AY730MT–Ponderosa Pine 15-19
- R058AY731MT–Sandy 15-19
- R058AY732MT–Sandy Steep 15-19
- R058AY733MT–Shallow 15-19
- R058AY736MT–Riparian Woodland 10-19

Correlated Map Unit Components

25356921, 25356923, 25357098, 25356475, 25356520, 25356530, 25356560, 25356566, 25356591, 25356603, 25356677, 25356683, 25356836, 25356845, 25356847, 25356853, 25356936, 25356943, 25356946, 25357083, 25355847, 25355856, 25355887, 25355904, 25355910, 25355917, 25355950, 25355946, 25355958, 25355957, 25355965, 25355962, 25355978, 25356108, 25356120, 25356149, 25356191, 25356274, 25356277, 25356290, 25356291, 25356298, 25356301, 25356317, 25356339, 25356415, 25356452, 25356482, 25356485, 25356508, 25356516, 25356531, 24928990, 24930204, 24929006, 24929164, 24929175, 24929733, 24929102, 24930290, 24930172, 24929134, 24929138, 24928999, 24929000, 24929003, 24929004, 24929013, 24929017, 24929022, 24929026, 24929037, 24929678, 24929727, 24930207, 24930165, 24929495, 24929806, 24929807, 24929830, 24930179, 24929249, 24929250, 24929248, 24930295, 24929285, 24930282, 24929564, 24929325, 24929330, 24929627, 24929632, 24929634, 24929637, 24929639, 24929655, 24929656, 24929354, 24929659, 24929094, 24931565, 24931578, 24931584, 24931589, 24931595, 24931666, 24931670, 24931674, 24931693, 24931696, 24931700, 25358415, 25358195, 25358287, 25358298, 25358303, 25358337, 25358342, 25358347, 25358353, 25358647, 25358631, 25358635, 25357516, 25357522, 25357748, 25357760, 25357794, 25357815, 25357985, 25358022, 25358107, 25358128, 25358189, 25358244, 25358249, 25358445, 25358447, 25021971, 25021973, 25022157, 25022177, 25022443, 25022479, 25022481, 25022483, 25022486, 25022487, 25022506, 25022508, 25022512, 25022528, 25022530, 25022533, 25022663, 25359268, 25359995, 25359366, 25359243, 25359246, 25359797, 25359252, 25359254, 25359853, 25359849, 25359257, 25359802, 25359998, 25360002, 25359814, 25359811, 25359083, 25359084, 25359158, 25359321, 25359349, 25359357, 25359354, 25359361, 25359358, 25359832, 25359838, 25359094, 25360180, 25359864, 25360221, 25360227, 25359702, 25359089, 25359128, 25359749, 25360034, 25360134, 25360141, 25359194, 25359197, 25361811, 25361426, 25361432, 25361444, 25361450, 25361451, 25361458, 25361455, 25361463, 25361473, 25361496, 25361513, 25361538, 25361576, 25361592, 25361605, 25361611, 25361617, 25361621, 25361625, 25361645, 25361653, 25361660, 25361668, 25361896, 25360983, 25360988, 25361118, 25361129, 25361132, 25361162, 25361166, 25361203, 25361214, 25361221, 25361335, 25361342, 25366992, 25366997, 25367010, 25367020, 25367032, 25367141, 25367257, 25367489, 25367386, 25367388, 25366605, 25366787, 25366793, 25366797, 25366799, 25366805, 25366840, 25366846, 24968815, 24968973, 24969098, 24968988, 24968947, 24968948, 24968996, 24969007, 24969018, 24969042, 24968893, 24968902, 24968904, 24968910, 24968810, 24968841, 24969148, 24968953, 24968957, 25370552, 25369915, 25370034, 25370090, 25370168, 25370165, 25370176, 25370172, 25370178, 25370184, 25370226, 25370290, 25370299, 25370306, 25370307, 25370316, 25370314, 25370323, 25370318, 25370336, 25370334, 25370340, 25370343, 25370346, 25370461, 25370464, 25370543, 25370549, 25370565, 25369929, 25370006, 25370030, 25370037, 25370036, 25370042, 25370039, 25370114, 25370116, 25370123, 25370157, 25370716, 24974006, 24973728, 24973804, 24973809, 24973812, 24973816, 24973821, 25021742, 25021389, 25021463, 25021393, 25021395, 25021518, 25021427, 25021727, 25021565, 25021550, 25021406, 25021407, 25021405, 25021467, 25021362, 25021411, 25021412, 25021693, 25021377, 25021347, 25021674, 24977475, 25371777, 25371780, 25371682, 25371815, 25371634, 25371717, 25371721, 25371723, 25371737, 25371641, 25371035, 25371066, 25371175, 25371429, 25371482, 25371487, 25371533, 25371550, 25371554, 25371557, 25371562, 25371564, 25035999, 25034795, 25034874, 25034923, 25034927, 25034930, 25034936, 25035008, 25035009, 25035098, 25035100, 25035153, 25035156, 25035122, 25035126, 25035226, 25035263, 25035465, 25035467, 25035468, 25035448, 25035451, 25035483, 25035504, 25035694, 25035619, 25035624, 25035657, 25035659, 25035734, 25035826, 25035737, 25035772, 25035793, 25035797, 25035800, 25035804, 25035879, 25035882, 25035862, 25035866, 25035870, 25035868, 25035958, 25035962, 25064707, 25064703, 25064710, 25064711, 25056417, 25056881, 25056449, 25056652, 25056696, 25056873, 25056875, 25056893, 25079536, 25079579, 25080520, 25080984, 25080626, 25081593, 25081183, 25081188, 25081193, 25079678, 25080462, 25080925, 25081262, 26194523, 26194578, 26193979, 26193990, 26194032, 26194639, 26195017, 26194643, 26194038, 26194715, 26194424, 26195106, 26195112, 26194766, 26194153, 26194455, 26195463, 26195464, 26195411, 26195412, 26194508, 26193885, 26194511, 26195527, 25123214, 25123221, 25122445, 25122468, 25122548, 25122629, 25124250, 25124258, 25124259, 25124261, 25124263, 25124380, 25124382, 25124347,

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Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations