
DRAINAGE CLASS

SOIL MORPHOLOGICAL FEATURES KEY

SOMEWHAT POORLY DRAINED (SPD)

Is not VERY POORLY *or* POORLY DRAINED *and* has redoximorphic features at a depth of less than 40 cm (16 inches) below the mineral soil surface;
or

MODERATELY WELL DRAINED (MWD)

Has redoximorphic features at a depth of 40 cm (16 inches) to less than 100 cm (40 inches) below the mineral soil surface;
or

WELL DRAINED (WD)

Soil depth is at least 50 cm (20 inches) to bedrock and has a texture of loamy very fine sand (lvfs) *or* finer *and* redoximorphic features, *if* present, are 100 cm (40 inches) or more below the mineral soil surface⁴;
or

SOMEWHAT EXCESSIVELY DRAINED (SED)

1) Soil depth is 25 to 50 cm (10 to 20 inches) to bedrock with a loamy or loamy-skeletal particle-size class;
or
2) Soil depth is 50 cm (20 inches) or greater to bedrock with a sandy or sandy-skeletal particle-size class *with* a loamy cap 25 cm (10 inches) thick or greater;
or

EXCESSIVELY DRAINED (ED)

1) Soil depth is less than 25 cm (10 inches) to bedrock ;
or
2) Has a sandy or sandy-skeletal particle-size class *with* a loamy cap *less* than 25 cm (10 inches) thick.

⁴Soils that are coarse-loamy over sandy or sandy-skeletal and lack redoximorphic features within 100 cm (40 inches) of the mineral soil surface also are well drained.