

Major Land Resource Area 225X Southern Alaska Peninsula Mountains

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Ecological site keys

Land Resource Region (LRR) Break - Southern Alaska (W1) & Aleutian Alaska (W2)

I. LRR W1 - Southern Alaska concepts, noted for maritime climate including high precipitation, mostly dense forests and alpine areas supporting glaciers. Areas in MLRA 225 that meet these criteria include most of Kodiak Archipelago and all but the most western regions of the Alaska

II. LRR W2 - Aleutian Alaska concepts. Vegetation is shaped by island maritime climate, including cool temperatures and scouring winds. Trees are absent. Areas in MLRA 225 that meet these criteria are mostly found at the far western end of the Alaska Peninsula..... See MLRA 226 Key

MLRA 225 Key

A. River Valleys & Riparian Complexes

1 Oxbows ... R225XY313AK – Southern Alaska Scrub Loamy Oxbows

2 Not Oxbows

i. Flood Plains, flooding frequent to rare ... F225XY310AK – Southern Alaska Riparian Complex Flood Plains

ii. Terraces, no flooding ... F225XY315AK – Southern Alaska Forest Loamy Terraces

B. Not as above

1 Shore complex, describing areas that are tidally influenced

i. Thick Organic Soil ... R225XY302AK – Southern Alaska Sedge Organic Depressions

ii. Not as above

a. Not a dune ... R225XY301AK – Southern Alaska Herbaceous Silty Coastal Plain

b. Dunes ... R225XY304AK – Southern Alaska Graminoid Sandy Dunes

2 All other areas, not tidally influenced

i. Alpine slopes, on exposed slopes at or above 2,000ft elevation ... R225XY330AK – Alpine Dwarf Scrub Slopes

ii. Non-alpine slopes, generally below 2,000ft elevation

a. Dry Soils. Water does not occur in the soil profile, or if present, occurs at deep to very deep depths (Fits well-, moderately well-, and excessively well-drained Drainage Classes).

1) **Local climate warm enough to support trees** ... F225XY360AK – Southern Alaska Forest Loamy Hill Backslopes

2) **Local climate is cool and does not support trees**

i) **Moderately steep or greater slopes gradient (Representative slope value > 25%)** ... R225XY333AK – Southern Alaska Scrub Steep Backslopes

ii) **Slope gradient less than above**

a) **Soils that contact bedrock**

1) **Very shallow to moderately deep soils** ... R225XY334AK – Southern Alaska Scrub Shallow Ashy Backslopes

2) **Deeper soils** ... R225XY363AK – Southern Alaska Scrub Loamy Hill Backslope

b) **Soils that do not contact bedrock** ... R225XY335AK – Southern Alaska Tall Scrub Loamy Backslopes

b. Wet Soils. Water is shallow to moderately deep for part or all of the growing season (Fits poorly-, somewhat poorly- and very poorly drained Drainage Classes)

1) **Depressions** ... R225XY364AK – Southern Alaska Scrub Loamy Plain Depressions

2) **Wet, poorly drained, aquic soil** ... R225XY337AK – Southern Alaska Scrub Wet Ashy Backslopes
