

KS MAP #	KANSAS ALLIANCE COMMON NAME	US - NVCS CODE	FORMATION
1	Maple - Basswood Forest	I.B.2.N.a	Lowland and submontane cold-deciduous forest
2	Oak - Hickory Forest	I.B.2.N.a	Lowland and submontane cold-deciduous forest
2	Oak - Hickory Forest	I.B.2.N.a	Lowland and submontane cold-deciduous forest
3	Post Oak - Blackjack Oak Forest	I.B.2.N.a	Lowland and submontane cold-deciduous forest
4	Pecan Floodplain Forest	I.B.2.N.d	Temporarily flooded cold-deciduous forest
5	Ash - Elm - Hackberry Floodplain Forest	I.B.2.N.d	Temporarily flooded cold-deciduous forest
6	Cottonwood Floodplain Forest	I.B.2.N.d	Temporarily flooded cold-deciduous forest
6	Cottonwood Floodplain Forest	I.B.2.N.d	Temporarily flooded cold-deciduous forest
7	Mixed Oak Floodplain Forest	I.B.2.N.d	Temporarily flooded cold-deciduous forest
8	Bur Oak Floodplain Woodland	II.B.2.N.a	Cold-deciduous woodland
8	Bur Oak Floodplain Woodland	II.B.2.N.a	Cold-deciduous woodland
9	Mixed Oak Ravine Woodland	II.B.2.N.a	Cold-deciduous woodland
10	Post Oak - Blackjack Oak Woodland	II.B.2.N.a	Cold-deciduous woodland
11	Cottonwood Floodplain Woodland	II.B.2.N.b	Temporarily flooded cold-deciduous woodland
11	Cottonwood Floodplain Woodland	II.B.2.N.b	Temporarily flooded cold-deciduous woodland
11	Cottonwood Floodplain Woodland	II.B.2.N.b	Temporarily flooded cold-deciduous woodland
12	Sandsage Shrubland	III.A.4.N.a	Microphyllous evergreen shrubland
12	Sandsage Shrubland	III.A.4.N.a	Microphyllous evergreen shrubland
12	Sandsage Shrubland	III.A.4.N.a	Microphyllous evergreen shrubland
14	Willow Shrubland	III.B.2.N.d	Temporarily flooded cold-deciduous shrubland
15	Buttonbush (Swamp) Shrubland	III.B.2.N.f	Semipermanently flooded cold-deciduous shrubland
17	Tallgrass Prairie	V.A.5.N.a	Tall sod temperate grassland
17	Tallgrass Prairie	V.A.5.N.a	Tall sod temperate grassland
17	Tallgrass Prairie	V.A.5.N.a	Tall sod temperate grassland
17	Tallgrass Prairie	V.A.5.N.a	Tall sod temperate grassland
17	Tallgrass Prairie	V.A.5.N.a	Tall sod temperate grassland
18	Sand Prairie	V.A.5.N.a	Tall sod temperate grassland
20	Western Wheatgrass Prairie	V.A.5.N.c	Medium-tall sod temperate or subpolar grassland
21	Sandstone Glade/Prairie	V.A.5.N.a	Tall sod temperate grassland
22	Mixed Prairie	V.A.5.N.c	Medium-tall sod temperate or subpolar grassland
22	Mixed Prairie	V.A.5.N.c	Medium-tall sod temperate or subpolar grassland
22	Mixed Prairie	V.A.5.N.c	Medium-tall sod temperate or subpolar grassland
22	Mixed Prairie	V.A.5.N.c	Medium-tall sod temperate or subpolar grassland
22	Mixed Prairie	V.A.5.N.c	Medium-tall sod temperate or subpolar grassland
24	Alkali Sacaton Prairie	V.A.5.N.d	Medium-tall bunch temperate or subpolar grassland
25	Shortgrass Prairie	V.A.5.N.e	Short sod temperate or subpolar grassland

KS MAP #	KANSAS ALLIANCE COMMON NAME	US - NVCS CODE	FORMATION
26	Grass Playa Lake	V.A.5.N.ii	Intermittently flooded temperate grassland
27	Salt Marsh/Prairie	V.A.5.N.j	Temporarily flooded temperate or subpolar grassland
27	Salt Marsh/Prairie	V.A.5.N.j	Temporarily flooded temperate or subpolar grassland
28	Spikerush Playa Lake	V.A.5.N.j	Temporarily flooded temperate or subpolar grassland
29	Playa Lake	V.A.5.N.j	Temporarily flooded temperate or subpolar grassland
30	Low or Wet Prairie	V.A.5.N.j	Temporarily flooded temperate or subpolar grassland
30	Low or Wet Prairie	V.A.5.N.j	Temporarily flooded temperate or subpolar grassland
31	Freshwater Marsh	V.A.5.N.k	Seasonally flooded temperate or subpolar grassland
32	Bulrush Marsh	V.A.5.N.l	Semipermanently flooded temperate or subpolar grassland
32	Bulrush Marsh	V.A.5.N.l	Semipermanently flooded temperate or subpolar grassland
33	Cattail Marsh	V.A.5.N.l	Semipermanently flooded temperate or subpolar grassland
33	Cattail Marsh	V.A.5.N.l	Semipermanently flooded temperate or subpolar grassland
33	Cattail Marsh	V.A.5.N.l	Semipermanently flooded temperate or subpolar grassland
38	Forb Playa Lake	V.C.2.N.a	Permanently flooded temperate or subpolar hydromorphic rooted vegetation
40	Non-Native Grassland	V.A.5.	Temperate or subpolar grassland
41	CRP (Conservation Reserve Program)	V.A.5.	Temperate or subpolar grassland
42	Salt Cedar or Tamarisk Shrubland	III.A.4.N.c.	Temporarily flooded microphyllous shrubland
44	Cultivated Land		
50	Deciduous Forest - Mined Land	I.B.2.	Cold-deciduous forest
51	Maple Floodplain Forest	I.B.2.N.d	Temporarily flooded cold-deciduous forest
52	Evergreen Forest - Disturbed Land	I.A.8.	Temperate or subpolar needle-leaved evergreen forest
55	Deciduous Woodland	II.B.2.	Cold-deciduous woodland
60	Mixed Prairie - Disturbed	V.A.5.	Temperate or subpolar grassland
70	Weedy Marsh	V.A.5.	Seasonally flooded temperate or subpolar grassland
71	Weedy Upland	V.D.2.	Temperate or subpolar annual grassland or forb vegetation
81	Urban Areas		
82	Water		

KS MAP #	ALLIANCE
1	Acer saccharum - Tilia americana - (Quercus rubra) Forest Alliance
2	Quercus alba - (Quercus rubra, Carya spp.) Forest Alliance
2	Quercus alba - (Quercus rubra, Carya spp.) Forest Alliance
3	Quercus stellata - Quercus marilandica Forest Alliance
4	Carya illinoensis - (Celtis laevigata) Temporarily Flooded Forest Alliance
5	Fraxinus pennsylvanica - Ulmus americana - Celtis (occidentalis, laevigata) Temporarily Flooded Forest Alliance
6	Populus deltoides Temporarily Flooded Forest Alliance
6	Populus deltoides Temporarily Flooded Forest Alliance
7	Quercus macrocarpa - Quercus bicolor - (Carya laciniata) Temporarily Flooded Forest Alliance
8	Quercus macrocarpa Woodland Alliance
8	Quercus macrocarpa Woodland Alliance
9	Quercus muehlenbergii Woodland Alliance
10	Quercus stellata - Quercus marilandica Woodland Alliance
11	Populus deltoides Temporarily Flooded Woodland Alliance
11	Populus deltoides Temporarily Flooded Woodland Alliance
11	Populus deltoides Temporarily Flooded Woodland Alliance
12	Artemisia filifolia Shrubland Alliance
12	Artemisia filifolia Shrubland Alliance
12	Artemisia filifolia Shrubland Alliance
14	Salix exigua Temporarily Flooded Shrubland Alliance
15	Cephalanthus occidentalis Semipermanently Flooded Shrubland Alliance
17	Andropogon gerardii - (Sorghastrum nutans) Herbaceous Alliance
17	Andropogon gerardii - (Sorghastrum nutans) Herbaceous Alliance
17	Andropogon gerardii - (Sorghastrum nutans) Herbaceous Alliance
17	Andropogon gerardii - (Sorghastrum nutans) Herbaceous Alliance
17	Andropogon gerardii - (Sorghastrum nutans) Herbaceous Alliance
18	Andropogon hallii Herbaceous Alliance
20	Pascopyrum (Agropyron) smithii Herbaceous Alliance
21	Schizachyrium scoparium - Sorghastrum nutans Herbaceous Alliance
22	Schizachyrium scoparium - Bouteloua curtipendula Herbaceous Alliance
22	Schizachyrium scoparium - Bouteloua curtipendula Herbaceous Alliance
22	Schizachyrium scoparium - Bouteloua curtipendula Herbaceous Alliance
22	Schizachyrium scoparium - Bouteloua curtipendula Herbaceous Alliance
24	Sporobolus airoides Herbaceous Alliance
25	Bouteloua gracilis Herbaceous Alliance

KS MAP #	ALLIANCE
26	Pascopyrum smithii Intermittently Flooded Herbaceous Alliance
27	Distichlis spicata - (Hordeum jubatum) Temporarily Flooded Herbaceous Alliance
27	Distichlis spicata - (Hordeum jubatum) Temporarily Flooded Herbaceous Alliance
28	Eleocharis macrostachya Temporarily Flooded Herbaceous Alliance
29	Polygonum spp. - Echinochloa spp. Temporarily Flooded Herbaceous Alliance
30	Spartina pectinata Temporarily Flooded Herbaceous Alliance
30	Spartina pectinata Temporarily Flooded Herbaceous Alliance
31	Typha spp. - (Scirpus spp., Juncus spp.) Seasonally Flooded Herbaceous Alliance
32	Scirpus pungens Semipermanently Flooded Herbaceous Alliance
32	Scirpus pungens Semipermanently Flooded Herbaceous Alliance
33	Typha (angustifolia, latifolia) - (Scirpus spp.) Semipermanently Flooded Herbaceous Alliance
33	Typha (angustifolia, latifolia) - (Scirpus spp.) Semipermanently Flooded Herbaceous Alliance
33	Typha (angustifolia, latifolia) - (Scirpus spp.) Semipermanently Flooded Herbaceous Alliance
38	Heteranthera limosa Permanently Flooded Herbaceous Alliance
40	Dominants: Bromus inermis, Festuca arundinacea, Andropogon bladhii
41	Dominants: Andropogon gerardii, Schizachyrium scoparium, Sorghastrum nutans, Panicum virgatum, etc.
42	Dominants: Tamarix spp.
44	
50	Dominants: Populus deltoides, Salix nigra, Ulmus rubra
51	Dominants: Acer saccharinum, Betula nigra
52	Dominant: Juniperus virginiana
55	Dominants: Maclura pomifera, Gleditsia triacanthos
60	Dominants: Sporobolus spp.
70	Dominants: Typha spp., Scirpus spp., Ambrosia spp., Rumex spp.
71	Dominant: Ambrosia artemisiifolia
81	
82	

KS MAP #	COMMON NAMES OF SPECIES IN ALLIANCE	EL CODE
1	Sugar maple - Basswood - (Red oak)	2061
2	White oak - (Red oak, Hickory)	2066
2	White oak - (Red oak, Hickory)	2011
3	Post oak - Blackjack oak	2074
4	Pecan - (Hackberry)	2087
5	Green ash - Elm - (Hackberry)	2014
6	Cottonwood	2095
6	Cottonwood	2018
7	Bur oak - Swamp white oak - (Kingnut hickory)	4544
8	Bur oak	2052
8	Bur oak	2053
9	Chinquapin oak	2145
10	Post oak - Blackjack oak	2147
11	Cottonwood	659
11	Cottonwood	2017
11	Cottonwood	1454
12	Sand sagebrush	1459
12	Sand sagebrush	2176
12	Sand sagebrush	2178
14	Sandbar willow	1203
15	Buttonbush	2191
17	Big bluestem - (Indian grass)	5231
17	Big bluestem - (Indian grass)	2201
17	Big bluestem - (Indian grass)	2203
17	Big bluestem - (Indian grass)	2204
17	Big bluestem - (Indian grass)	2025
18	Sand bluestem	1467
20	Western wheatgrass	1578
21	Little bluestem - Indian grass	2212
22	Little bluestem - Sideoats grama	2246
22	Little bluestem - Sideoats grama	2247
22	Little bluestem - Sideoats grama	2248
22	Little bluestem - Sideoats grama	2036
22	Little bluestem - Sideoats grama	2249
24	Alkali sacaton	1685
25	Blue grama	1756

KS MAP #	COMMON NAMES OF SPECIES IN ALLIANCE	EL CODE
26	Western wheatgrass	2038
27	Inland saltgrass - (Foxtail barley)	2042
27	Inland saltgrass - (Foxtail barley)	2043
28	Spikerush	2259
29	Smartweed - Barnyard grass	2039
30	Prairie cordgrass	2223
30	Prairie cordgrass	2028
31	Cattail - (Bulrush, Rush)	2026
32	Bulrush	2040
32	Bulrush	1587
33	Cattail - (Bulrush)	2032
33	Cattail - (Bulrush)	2233
33	Cattail - (Bulrush)	2389
38	Mud plantain	2279
40	Smooth brome, Tall fescue, Caucasian bluestem	
41	Big bluestem, Little bluestem, Indian grass, Switchgrass	
42	Salt cedar	
44		
50	Cottonwood, Black willow, Slippery elm	
51	Silver maple, River birch	
52	Eastern red cedar	
55	Osage orange, Honey locust	
60	Dropseed	
70	Cattail, Bulrush, Ragweed, Dock	
71	Ragweed	
81		
82		

KS MAP #	PLANT ASSOCIATION OR COMMUNITY TYPE
1	Acer saccharum - [Acer nigrum] - Tilia americana - Quercus rubra / Ostrya virginiana Forest
2	Quercus alba / Cornus florida Unglaciaded Forest
2	Quercus alba - (Quercus velutina) - Carya ovata / Ostrya virginiana Forest
3	Quercus stellata - Quercus marilandica - [(Carya texana)] Forest
4	Carya illinoensis - Celtis occidentalis Forest
5	Fraxinus pennsylvanica - Ulmus spp. - Celtis occidentalis Forest
6	Populus deltoides - Platanus occidentalis Forest
6	Populus deltoides - Salix nigra Forest
7	Quercus macrocarpa - Quercus shumardii - Carya cordiformis / Chasmanthium latifolium Forest
8	Quercus macrocarpa / Andropogon gerardii - Panicum virgatum Woodland
8	Quercus macrocarpa / Andropogon gerardii - Stipa spartea Woodland
9	Quercus muehlenbergii - Quercus macrocarpa / Andropogon gerardii Ravine Woodland
10	Quercus stellata - Quercus marilandica / Schizachyrium scoparium Woodland
11	Populus deltoides - (Salix amygdaloides) / Salix exigua Woodland
11	Populus deltoides - (Salix nigra) / Spartina pectinata - Carex spp. Woodland
11	Populus deltoides / Panicum virgatum - Schizachyrium scoparium Woodland
12	Artemisia filifolia / Andropogon hallii Shrubland
12	Artemisia filifolia / Bouteloua curtipendula, gracilis Shrubland
12	Artemisia filifolia / Schizachyrium scoparium - Andropogon hallii Shrubland
14	Salix exigua / Mesic Graminoids Shrubland
15	Cephalanthus occidentalis / Carex spp. Southern Shrubland
17	Andropogon gerardii - Panicum virgatum - Schizachyrium scoparium Dakota Sandstone Herbaceous Vegetation
17	Andropogon gerardii - Sorghastrum nutans - Schizachyrium scoparium Flint Hills Herbaceous Vegetation
17	Andropogon gerardii-Sorghastrum nutans-(Sporobolus heterolepis)- Liatris spp.-Ratibida pinnata Herbaceous Vegetation
17	Andropogon gerardii - Sorghastrum nutans Unglaciaded Herbaceous Vegetation
17	Andropogon gerardii - Sorghastrum nutans - Stipa spartea Loess Hills Herbaceous Vegetation
18	Andropogon hallii - Calamovilfa longifolia Herbaceous Vegetation
20	Pascopyrum smithii - Bouteloua gracilis Herbaceous Vegetation
21	Schizachyrium scoparium - Sorghastrum nutans - Andropogon ternarius - Coreopsis grandiflora Sandstone-Shale Herbaceous Vegetation
22	Schizachyrium scoparium - Bouteloua curtipendula - Bouteloua gracilis Central Plains Herbaceous Vegetation
22	Schizachyrium scoparium - Bouteloua curtipendula Chalkflat Herbaceous Vegetation
22	Schizachyrium scoparium - Bouteloua curtipendula Red Hills Herbaceous Vegetation
22	Schizachyrium scoparium - Bouteloua curtipendula Loess Mixedgrass Herbaceous Vegetation
22	Schizachyrium scoparium - Bouteloua curtipendula - Agrostis hyemalis - Eleocharis spp. Hardpan Herbaceous Vegetation
24	Sporobolus airoides Herbaceous Vegetation
25	Bouteloua gracilis - Buchloe dactyloides Herbaceous Vegetation

KS MAP #	PLANT ASSOCIATION OR COMMUNITY TYPE
26	Pascopyrum smithii - Buchloe dactyloides - (Phyla cuneifolia, Oenothera canescens) Herbaceous Vegetation
27	Distichlis spicata - (Hordeum jubatum, Poa arida, Sporobolus airoides) Herbaceous Vegetation
27	Distichlis spicata - Scirpus maritimus - Salicornia rubra Herbaceous Vegetation
28	Eleocharis macrostachya - (Eleocharis compressa) - Leptochloa fascicularis Herbaceous Vegetation
29	Polygonum spp. - Echinochloa spp. - Distichlis stricta Playa Lake Herbaceous Vegetation
30	Spartina pectinata - Eleocharis spp. - Carex spp. Herbaceous Vegetation
30	Calamagrostis canadensis - Juncus spp. - Carex spp. Sandhills Herbaceous Vegetation
31	Scirpus validus - Typha spp.- (Sparganium spp., Juncus spp.) Herbaceous Vegetation
32	Scirpus pungens - Suaeda depress Alkaline Herbaceous Vegetation
32	Scirpus pungens - (Eleocharis spp.) Herbaceous Vegetation
33	Typha (angustifolia, domingensis, latifolia) - [Scirpus americanus] Herbaceous Vegetation
33	Typha spp. Midwest Herbaceous Vegetation
33	Typha spp. Great Plains Herbaceous Vegetation
38	Heteranthera limosa - Bacopa rotundifolia - Sagittaria latifolia Herbaceous Vegetation
40	
41	
42	
44	
50	
51	
52	
55	
60	
70	
71	
81	
82	

KS MAP #	COMMON NAMES OF SPECIES IN ASSOCIATION
1	Sugar maple - [Black maple] - Basswood - Red oak / Ironwood
2	White oak / Flowering dogwood
2	White oak - Shagbark hickory / Ironwood
3	Post oak - Blackjack oak - ([Black hickory])
4	Pecan - Hackberry
5	Green ash - Elm - Hackberry
6	Cottonwood - Sycamore
6	Cottonwood - Black Willow
7	Bur oak - Shumard's oak - Bitternut hickory / Wild oats
8	Bur oak / Big bluestem - Switchgrass
8	Bur oak / Big bluestem - Porcupine-grass
9	Chinquapin oak - Bur oak / Big bluestem
10	Post oak - Blackjack oak / Little bluestem
11	Cottonwood - Peachleaf willow / Sandbar willow
11	Cottonwood - (Black Willow) /Prairie cordgrass - Sedge
11	Cottonwood / Switchgrass - Little bluestem
12	Sand sagebrush / Sand bluestem
12	Sand sagebrush / Sideoats grama - Blue grama
12	Sand sagebrush / Little bluestem - Sand bluestem
14	Sandbar willow
15	Buttonbush / Sedge
17	Big bluestem - Switchgrass - Little bluestem
17	Big bluestem - Indian grass - Little bluestem
17	Big bluestem - Indian grass - Prairie dropseed - Gay-feather - Grayhead prairie
17	Big bluestem - Indian grass
17	Big bluestem - Indian grass - Porcupine-grass
18	Sand bluestem - Prairie sandreed
20	Western wheatgrass - Blue grama
21	Little bluestem - Indian grass - Splitbeard bluestem - Bigflower coreopsis
22	Little bluestem - Side oats grama - Blue grama
22	Little bluestem - Side oats grama
22	Little bluestem - Side oats grama
22	Little bluestem - Side oats grama
22	Little bluestem - Side oats grama - Ticklegrass / Spikerush
24	Alkali sacaton
25	Blue grama - Buffalo grass

KS MAP #	COMMON NAMES OF SPECIES IN ASSOCIATION
26	Western wheatgrass - Buffalo grass - (Wedgeleaf fog-fruit, Spotted evening prim
27	Inland saltgrass - (Foxtail barley, Plains bluegrass, Alkali sacaton)
27	Inland saltgrass - Bulrush - Saltwort
28	Spikerush - Bearded sprangletop
29	Smartweed - Barnyard grass - Inland saltgrass
30	Prairie cordgrass - Spikerush - Sedge
30	Canada bluejoint - Rush - Sedge
31	Bulrush - Cattail - (Bur-reed, Rush)
32	Bulrush - Sea blite
32	Bulrush - (Spikerush)
33	(Narrowleaf cattail, cattail, broadleaf cattail) - [Bulrush]
33	Cattail
33	Cattail
38	Mud plantain - Water hyssop - Arrowhead
40	Smooth brome, Tall fescue, Caucasian bluestem
41	Big bluestem, Little bluestem, Indian grass, Switchgrass
42	Salt cedar
44	
50	Cottonwood, Black willow, Slippery elm
51	Silver maple, River birch
52	Eastern red cedar
55	Osage orange, Honey locust
60	Dropseed
70	Cattail, Bulrush, Ragweed, Dock
71	Ragweed
81	
82	

KS MAP #	DISTRIBUTION (by PHYSIOGRAPHIC PROVINCE)
1	Glaciated Region
2	Ozark Plateau
2	Glaciated Region, Osage Cuestas
3	Chautauqua Hills, Osage Cuestas
4	Cherokee Lowlands, Glaciated Region, Osage Cuestas
5	Eastern half of Kansas
6	Cherokee Lowlands, Flint Hills Uplands, Glaciated Region, Osage Cuestas
6	Statewide
7	Glaciated Region, Osage Cuestas
8	Glaciated Region, Osage Cuestas
8	Glaciated Region, Osage Cuestas
9	Flint Hills Uplands, Glaciated Region, Osage Cuestas
10	Chautauqua Hills, Osage Cuestas
11	Arkansas River Lowlands, High Plains, Red Hills, Smoky Hills, Wellington-McPherson Lowlands
11	Eastern third of Kansas
11	High Plains
12	Arkansas River Lowlands, High Plains, Red Hills, Smoky Hills
12	Arkansas River Lowlands, High Plains, Red Hills, Smoky Hills
12	Arkansas River Lowlands, High Plains, Red Hills, Smoky Hills
14	High Plains, Red Hills, Smoky Hills
15	Cherokee Lowlands, Osage Cuestas
17	Smoky Hills
17	Flint Hills Uplands
17	Glaciated Region
17	Chautauqua Hills, Cherokee Lowlands, Osage Cuestas, Smoky Hills, Wellington-McPherson Lowlands
17	Glaciated Region
18	Arkansas River Lowlands, Red Hills, Smoky Hills, Wellington-McPherson Lowlands
20	High Plains
21	Chautauqua Hills, Osage Cuestas
22	High Plains, Smoky Hills
22	Smoky Hills
22	Red Hills
22	High Plains
22	Cherokee Lowlands, Osage Cuestas
24	High Plains, Smoky Hills
25	High Plains

KS MAP #	DISTRIBUTION (by PHYSIOGRAPHIC PROVINCE)
26	High Plains
27	High Plains
27	Arkansas River Lowlands, Smoky Hills
28	High Plains, Smoky Hills
29	High Plains, Smoky Hills
30	Eastern third of Kansas
30	Arkansas River Lowlands, High Plains
31	Chautauqua Hills, Cherokee Lowlands, Flint Hills Uplands, Glaciated Region, Osage Cuestas
32	Arkansas River Lowlands, High Plains, Smoky Hills
32	Statewide
33	Eastern half of Kansas
33	Eastern third of Kansas
33	Western two-thirds of Kansas
38	High Plains
40	Statewide
41	Statewide
42	Western half of Kansas
44	Statewide
50	Cherokee Lowlands, Osage Cuestas, Ozark Plateau
51	Cherokee Lowlands, Glaciated Region, Osage Cuestas
52	Eastern half of Kansas
55	Eastern half of Kansas
60	High Plains, Smoky Hills
70	Statewide
71	Statewide
81	Statewide
82	Statewide