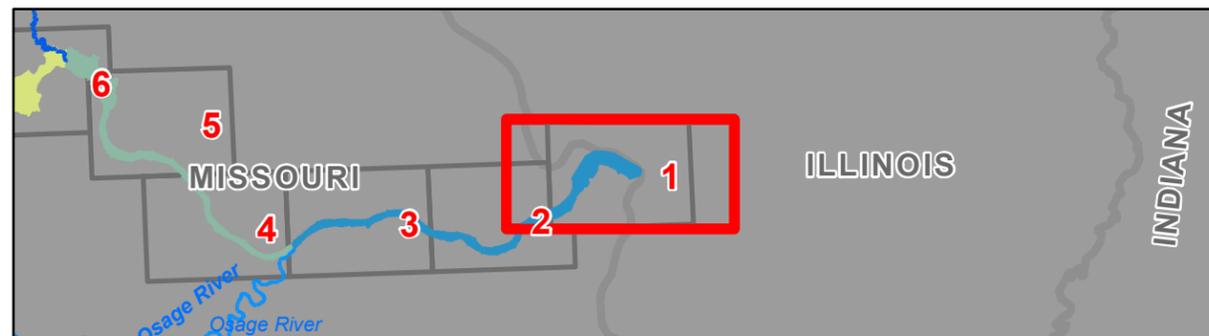
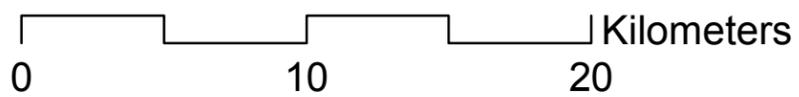
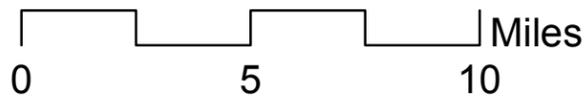


Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

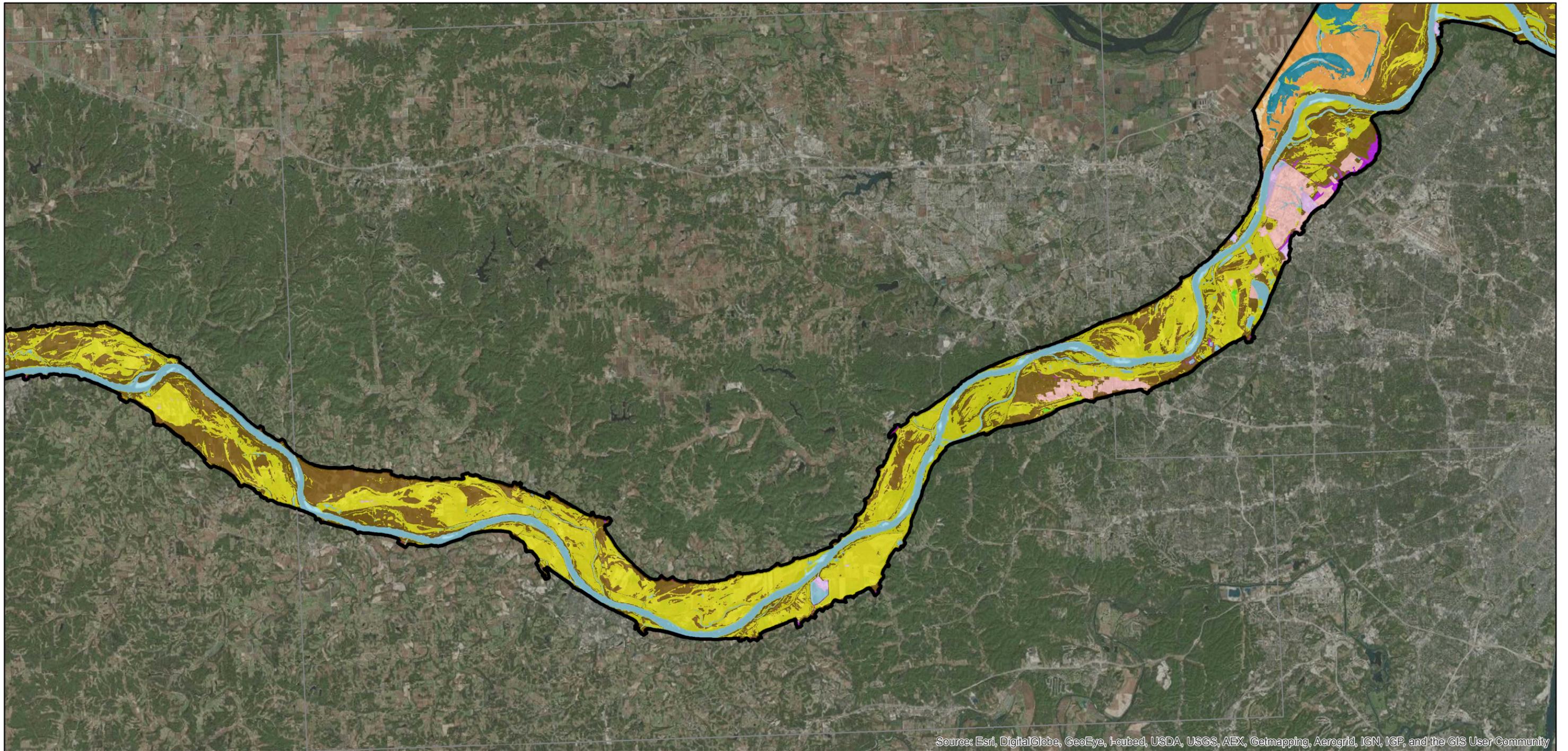


### MS-14 Potential Natural Vegetation (PNV)



- Osage River to Mississippi River
- Kansas River to Grand River
- Platte River to Nodaway River
- Grand River to Osage River
- Nodaway River to Kansas River
- River Mile 670 to Platte River

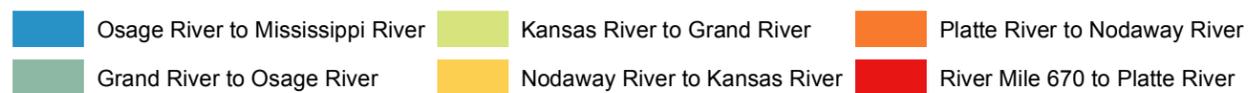
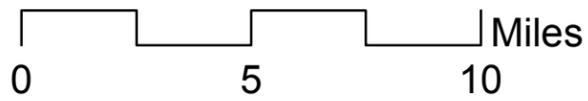
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



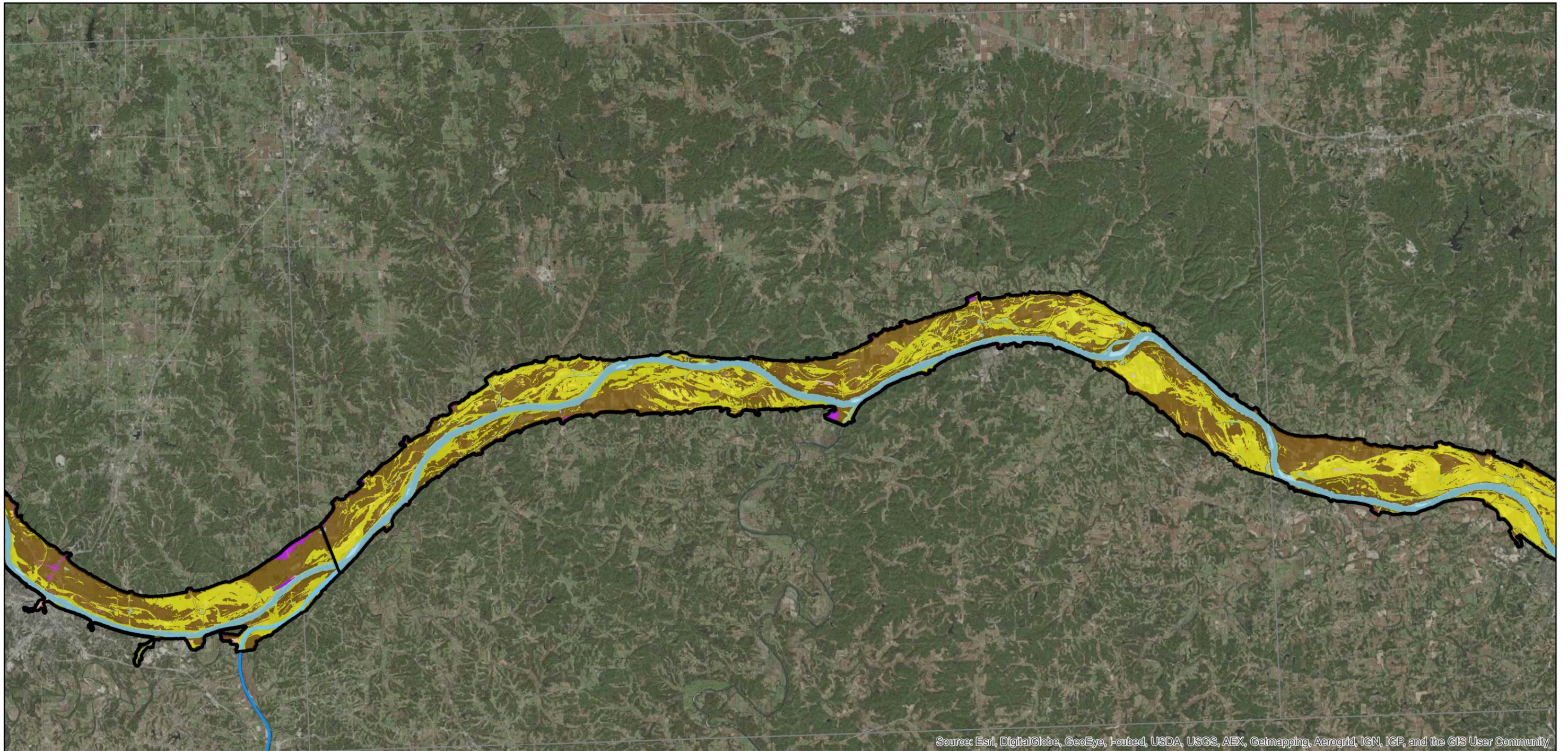
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community



### MS-14 Potential Natural Vegetation (PNV)



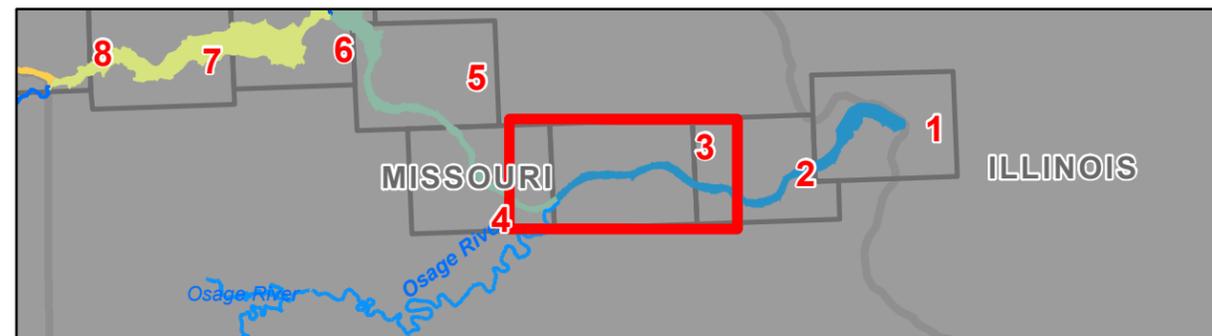
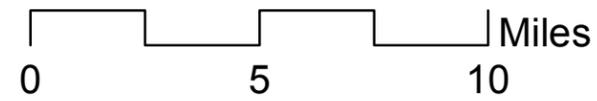
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

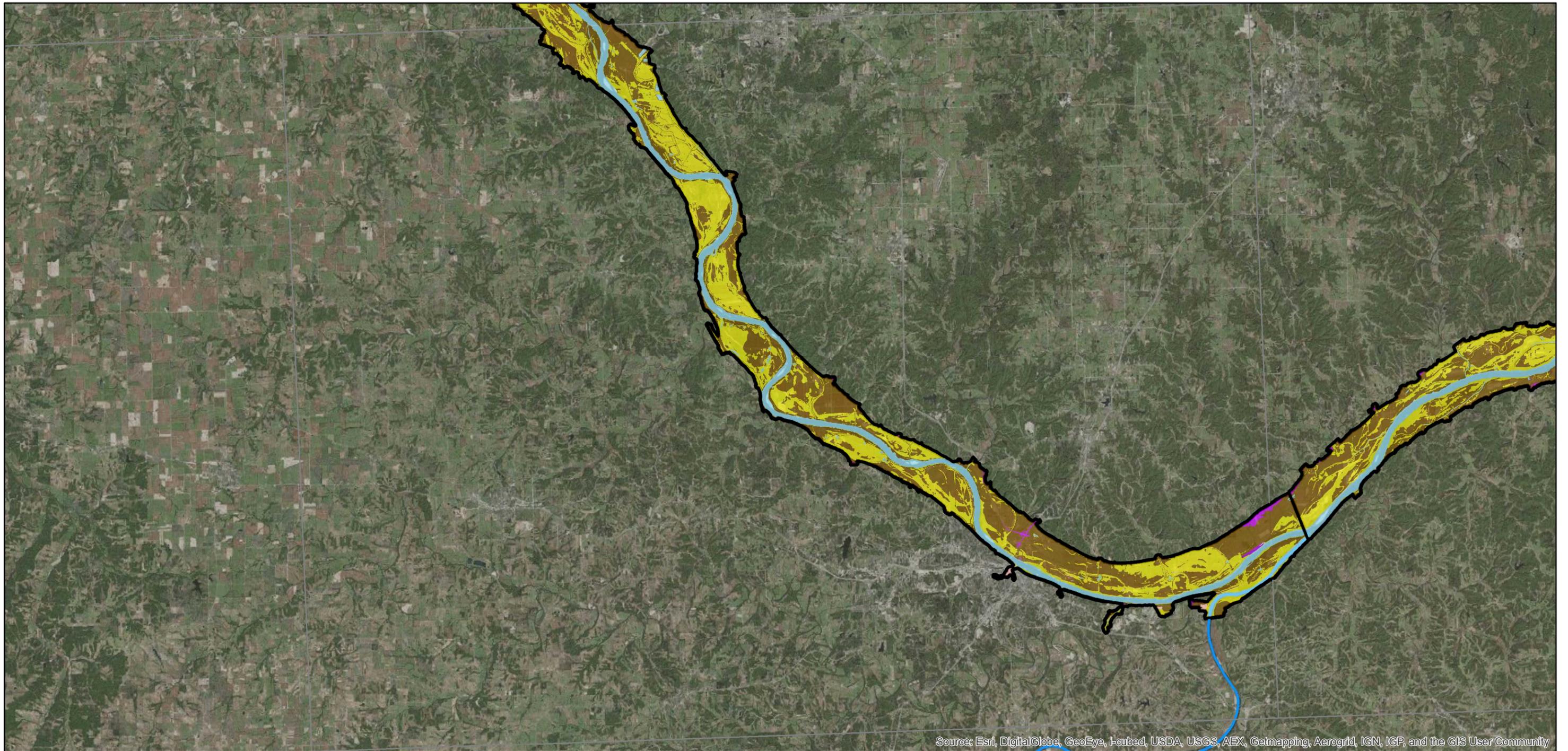


### MS-14 Potential Natural Vegetation (PNV)



- Osage River to Mississippi River
- Kansas River to Grand River
- Platte River to Nodaway River
- Grand River to Osage River
- Nodaway River to Kansas River
- River Mile 670 to Platte River

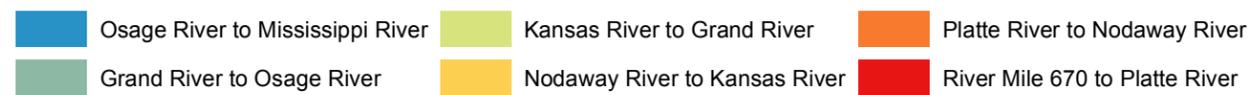
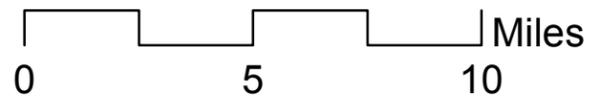
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



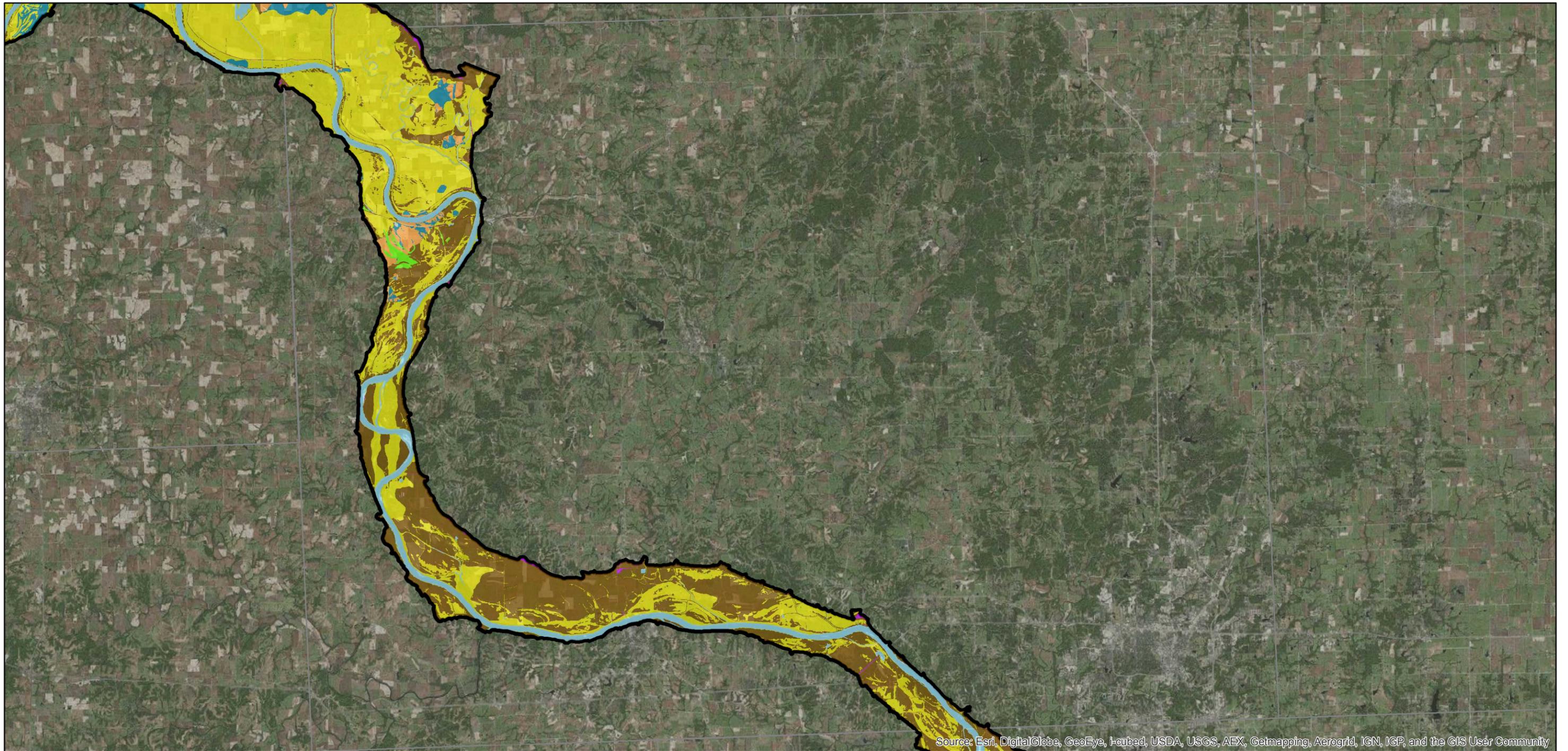
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community



### MS-14 Potential Natural Vegetation (PNV)



- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community



## MS-14 Potential Natural Vegetation (PNV)



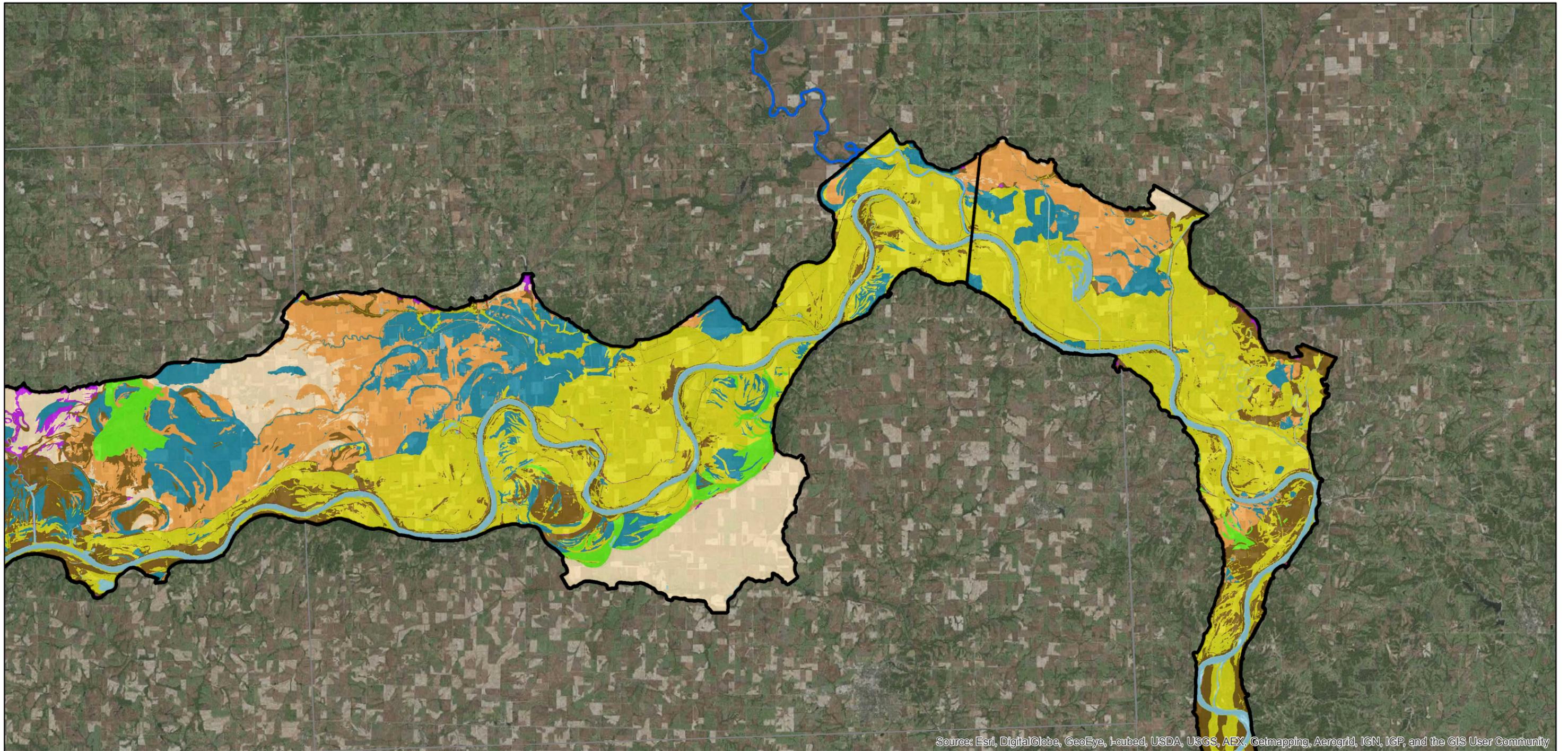
0 5 10 Miles

0 10 20 Kilometers



■ Osage River to Mississippi River   
 ■ Kansas River to Grand River   
 ■ Platte River to Nodaway River  
■ Grand River to Osage River   
 ■ Nodaway River to Kansas River   
■ River Mile 670 to Platte River

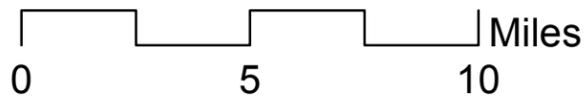
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

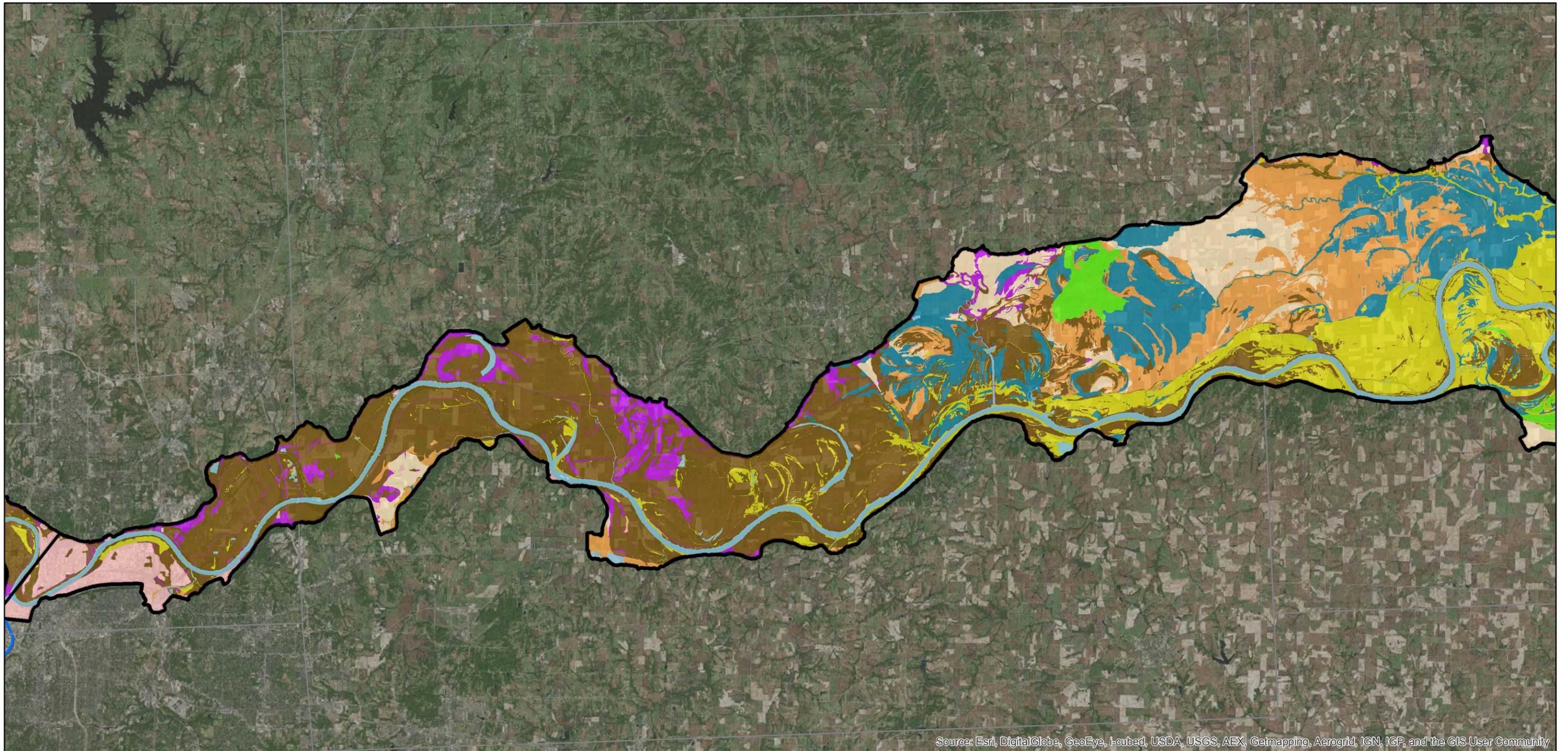


### MS-14 Potential Natural Vegetation (PNV)



- Osage River to Mississippi River
- Kansas River to Grand River
- Platte River to Nodaway River
- Grand River to Osage River
- Nodaway River to Kansas River
- River Mile 670 to Platte River

- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



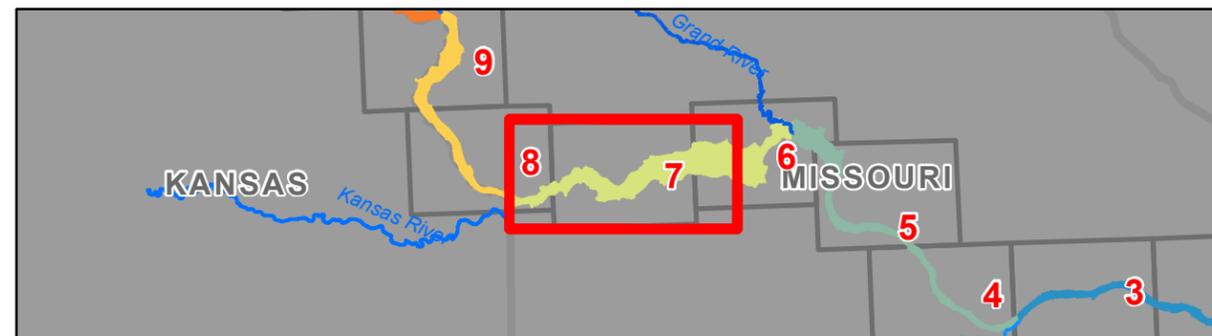
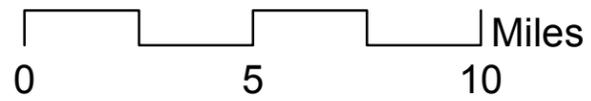
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community



**MS-14  
Potential Natural Vegetation (PNV)**

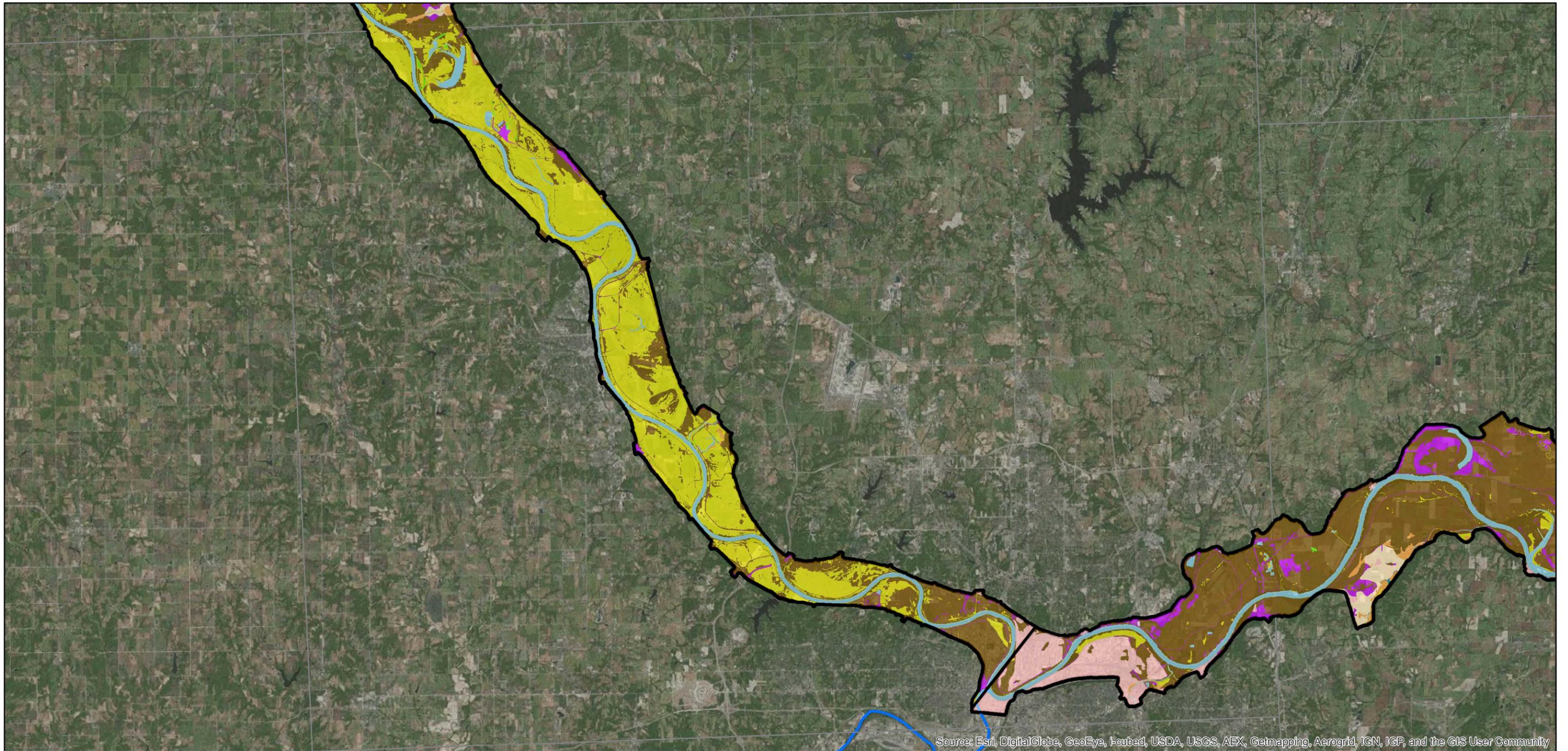


**NORTH**



- Osage River to Mississippi River
- Kansas River to Grand River
- Platte River to Nodaway River
- Grand River to Osage River
- Nodaway River to Kansas River
- River Mile 670 to Platte River

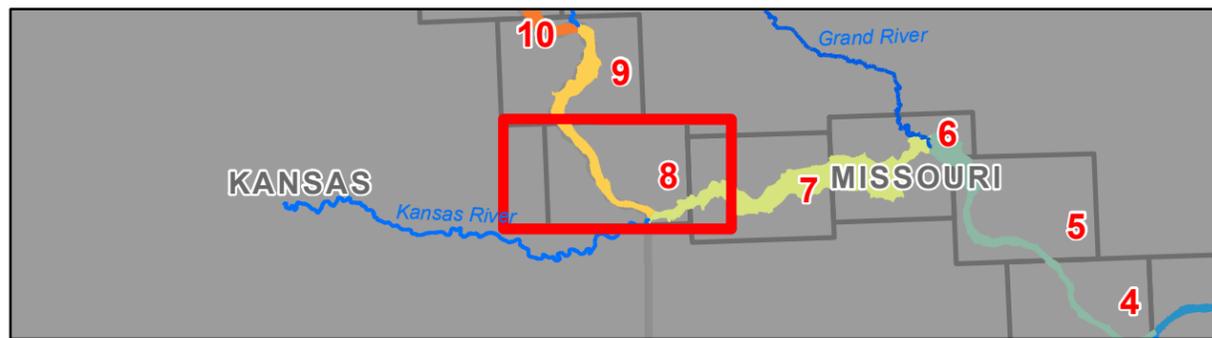
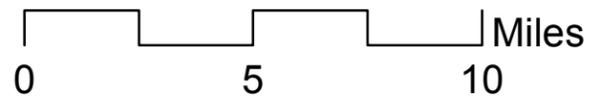
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

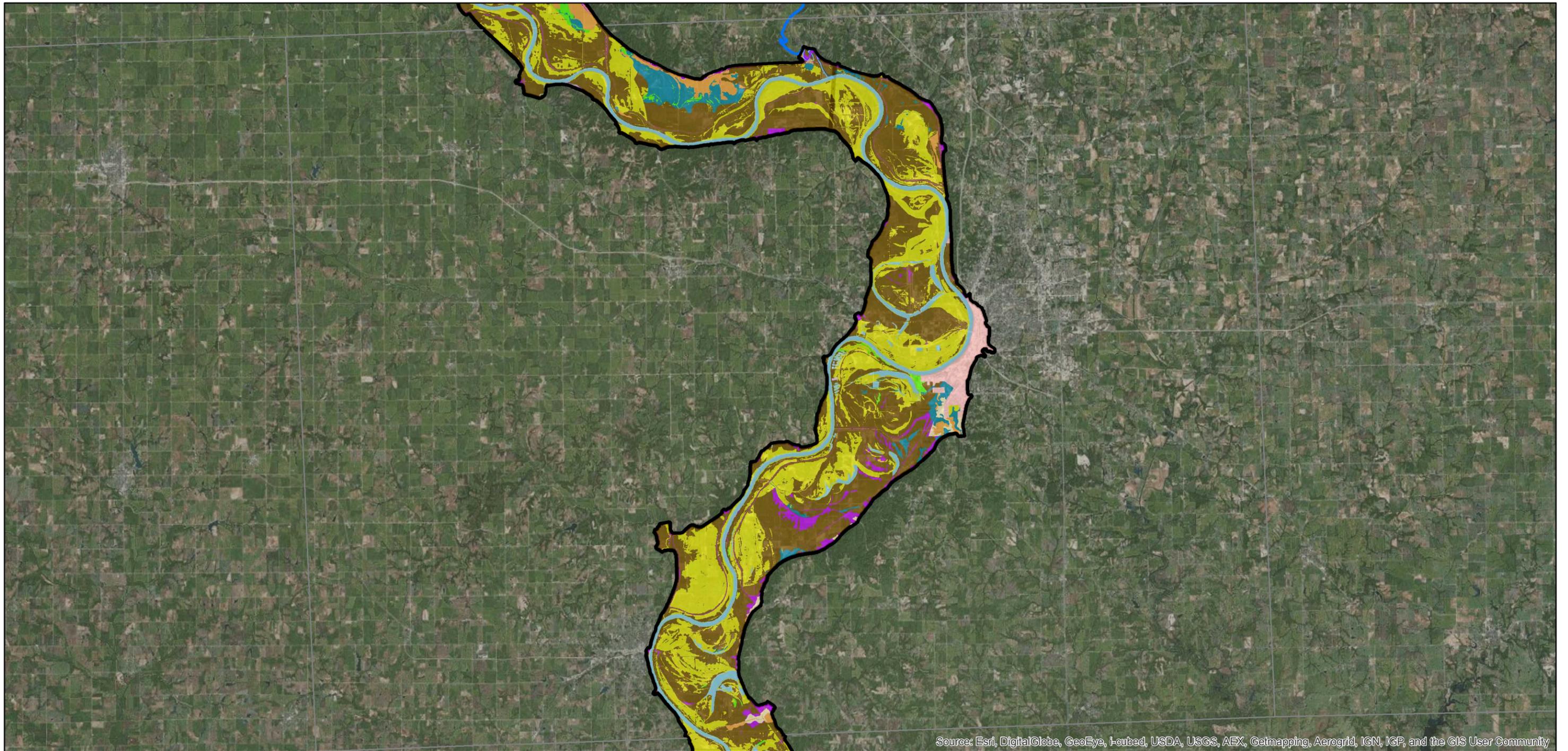


### MS-14 Potential Natural Vegetation (PNV)



- Osage River to Mississippi River
- Kansas River to Grand River
- Platte River to Nodaway River
- Grand River to Osage River
- Nodaway River to Kansas River
- River Mile 670 to Platte River

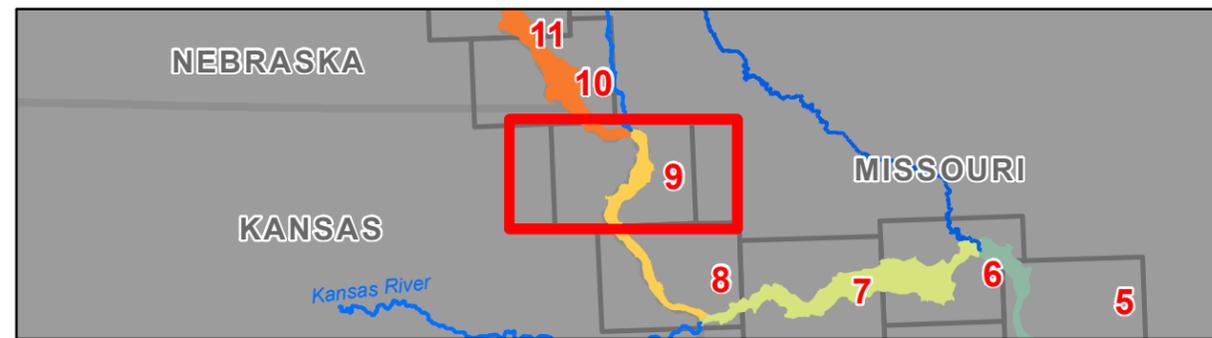
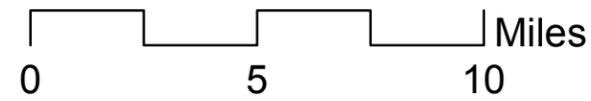
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

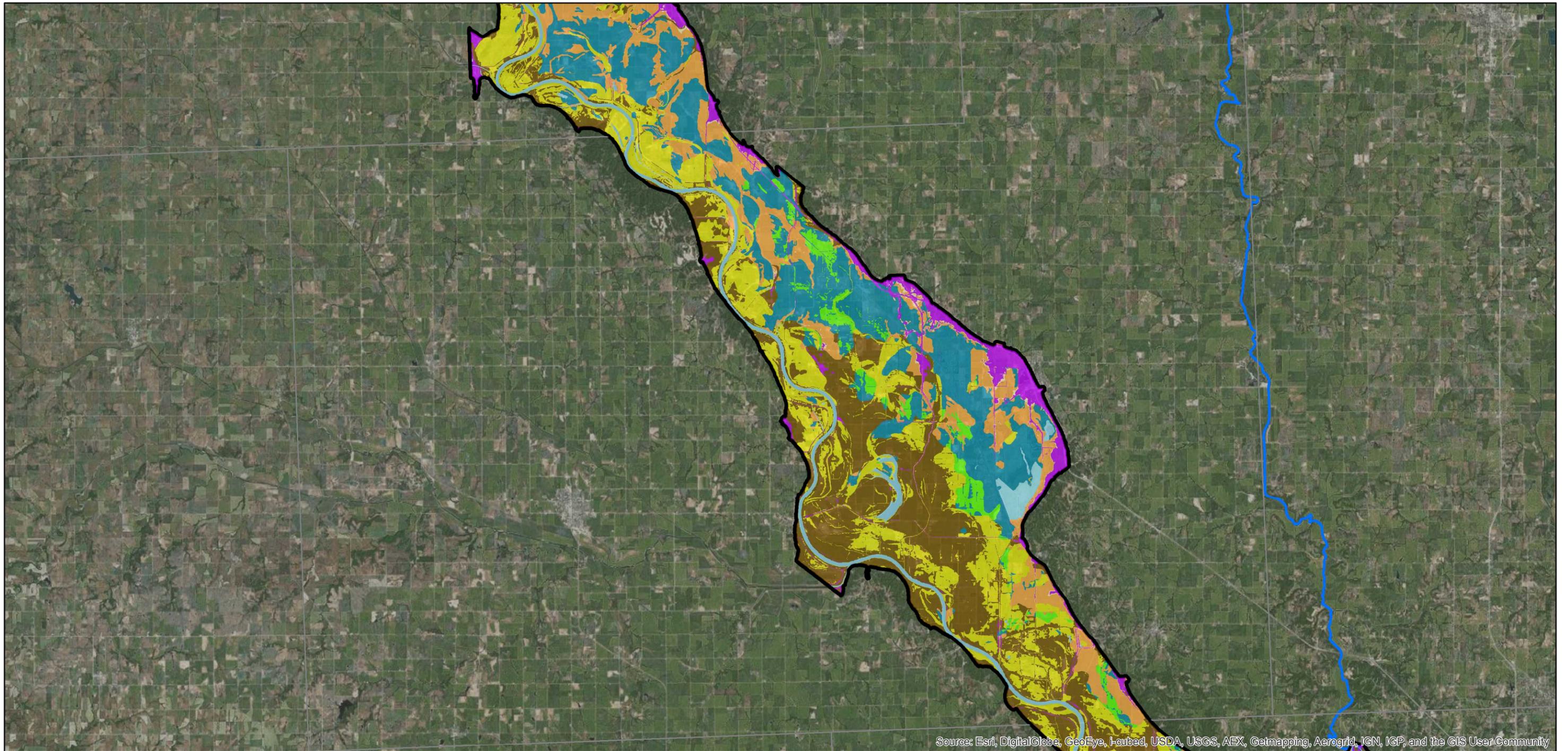


### MS-14 Potential Natural Vegetation (PNV)



- Osage River to Mississippi River
- Kansas River to Grand River
- Platte River to Nodaway River
- Grand River to Osage River
- Nodaway River to Kansas River
- River Mile 670 to Platte River

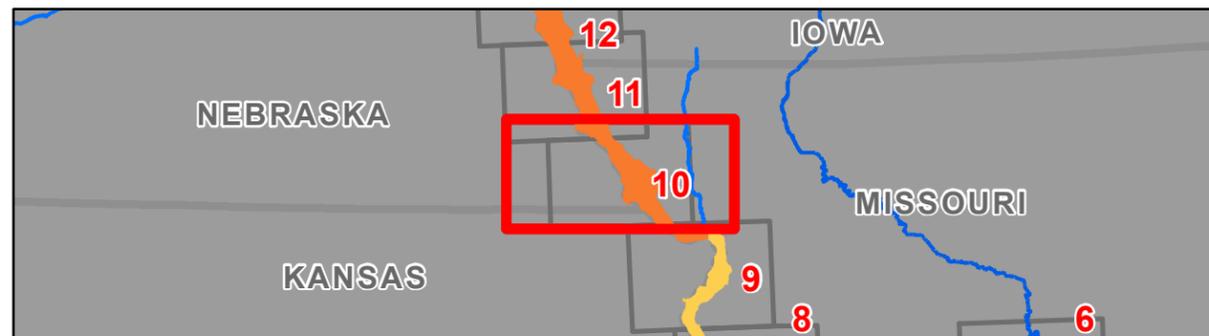
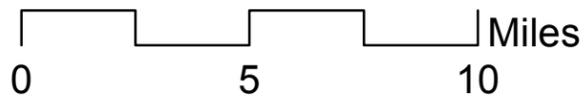
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

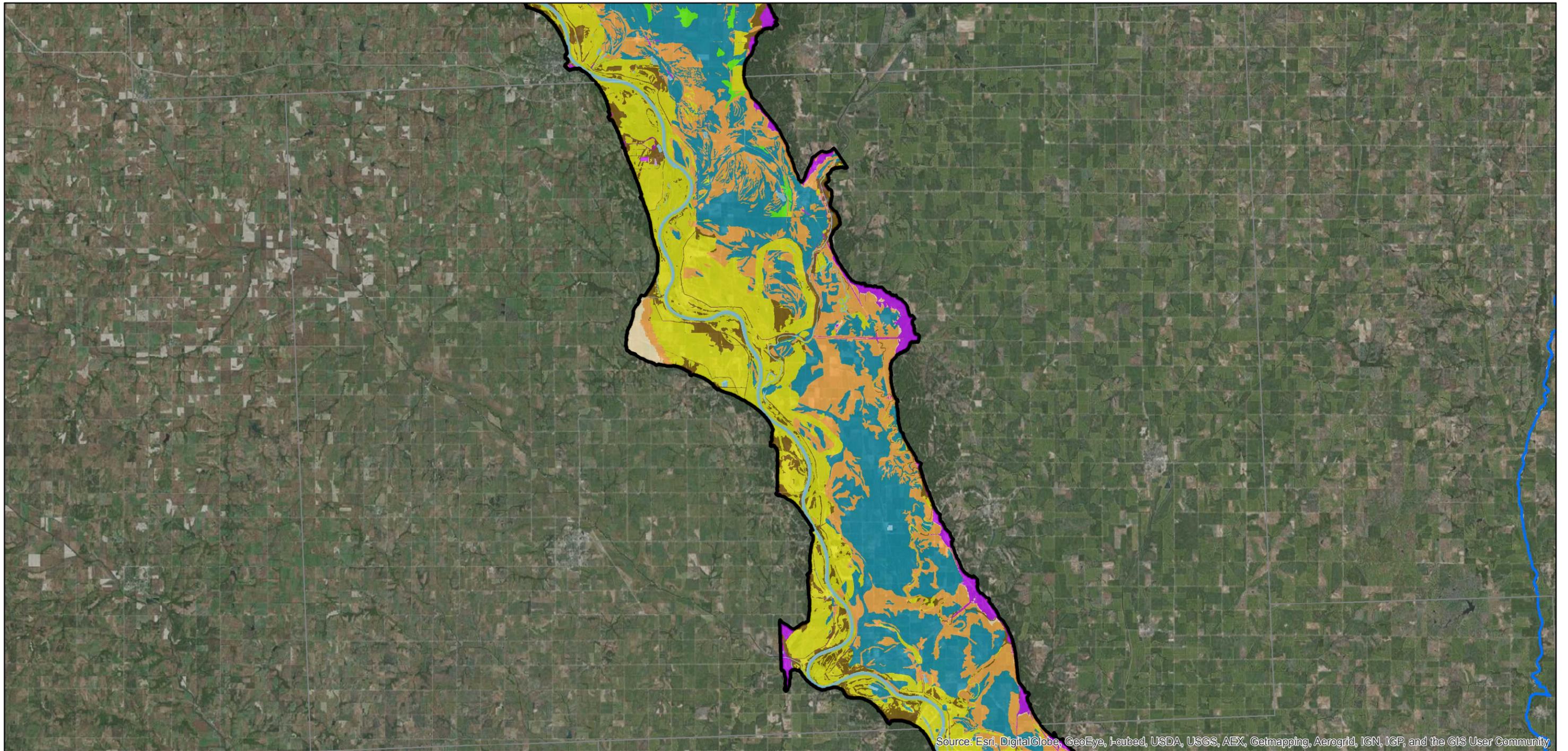


**MS-14  
Potential Natural Vegetation (PNV)**



- Osage River to Mississippi River
- Kansas River to Grand River
- Platte River to Nodaway River
- Grand River to Osage River
- Nodaway River to Kansas River
- River Mile 670 to Platte River

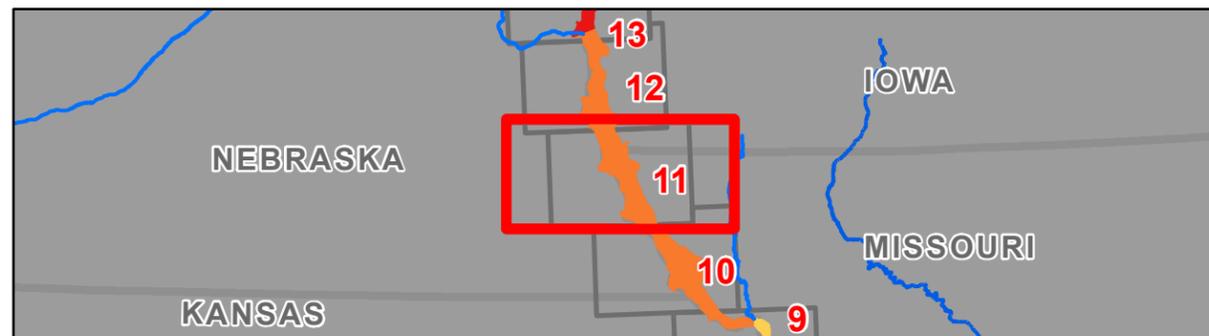
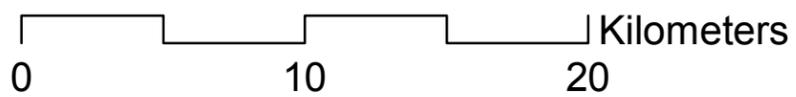
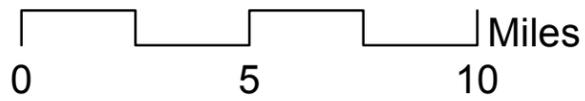
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

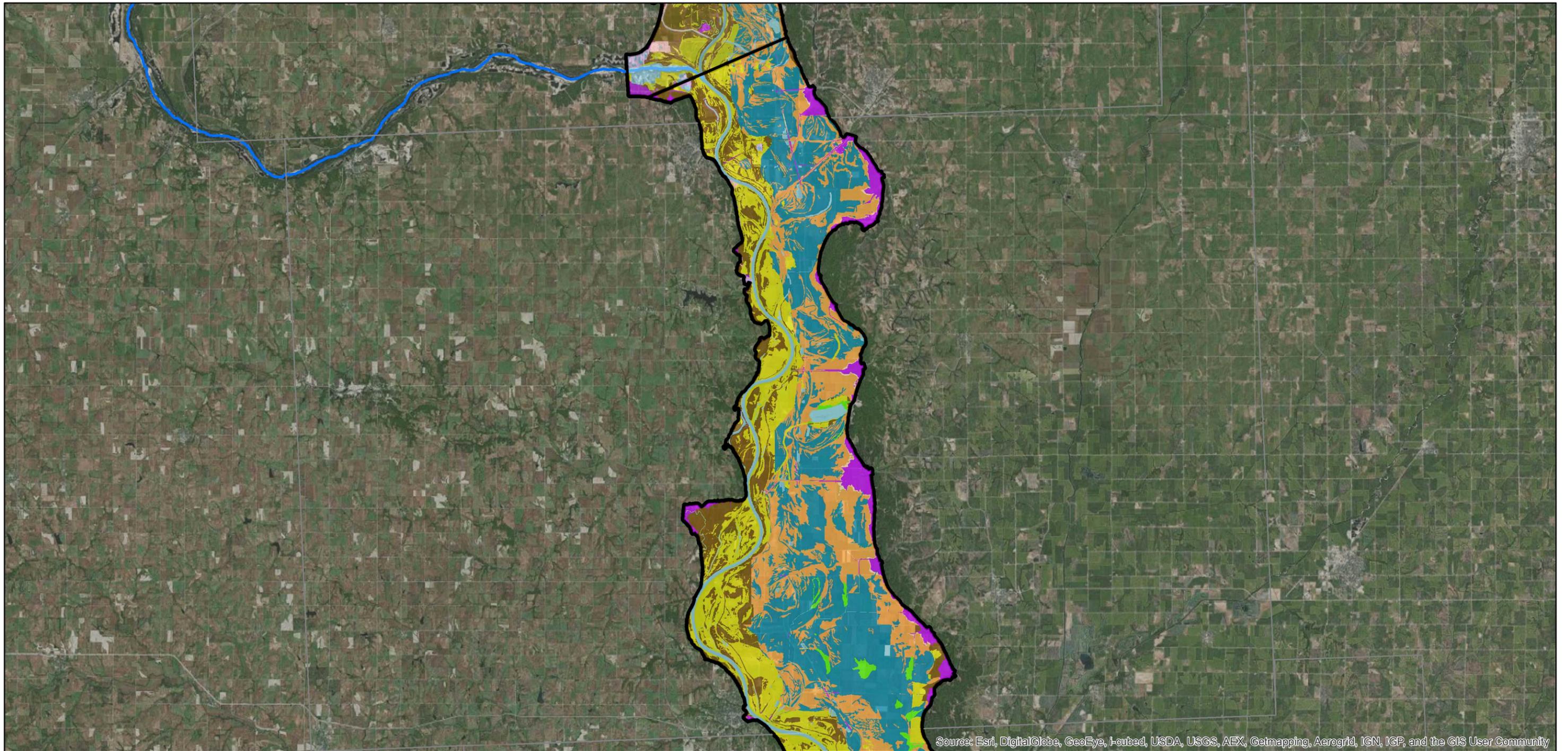


## MS-14 Potential Natural Vegetation (PNV)



- Osage River to Mississippi River
- Kansas River to Grand River
- Platte River to Nodaway River
- Grand River to Osage River
- Nodaway River to Kansas River
- River Mile 670 to Platte River

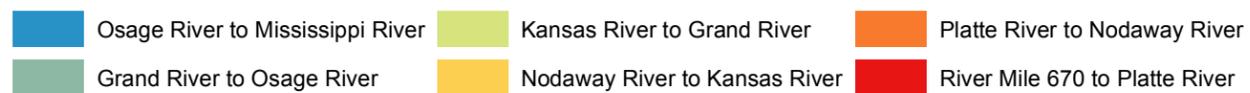
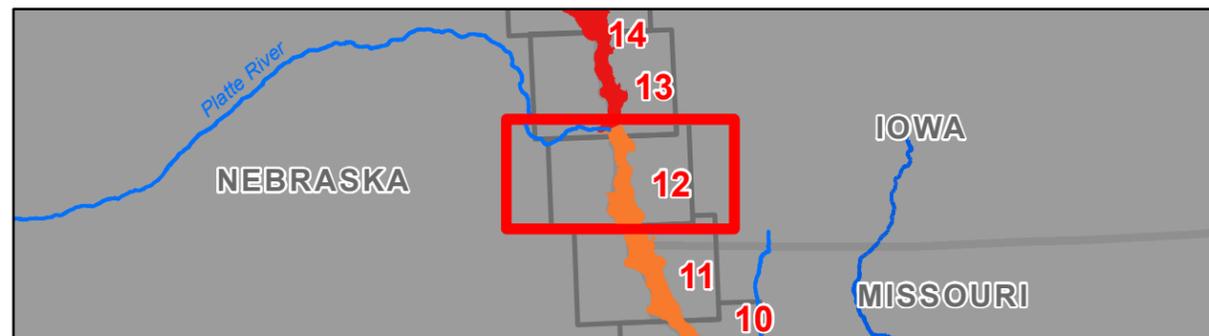
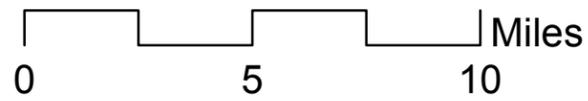
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



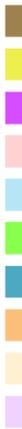
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

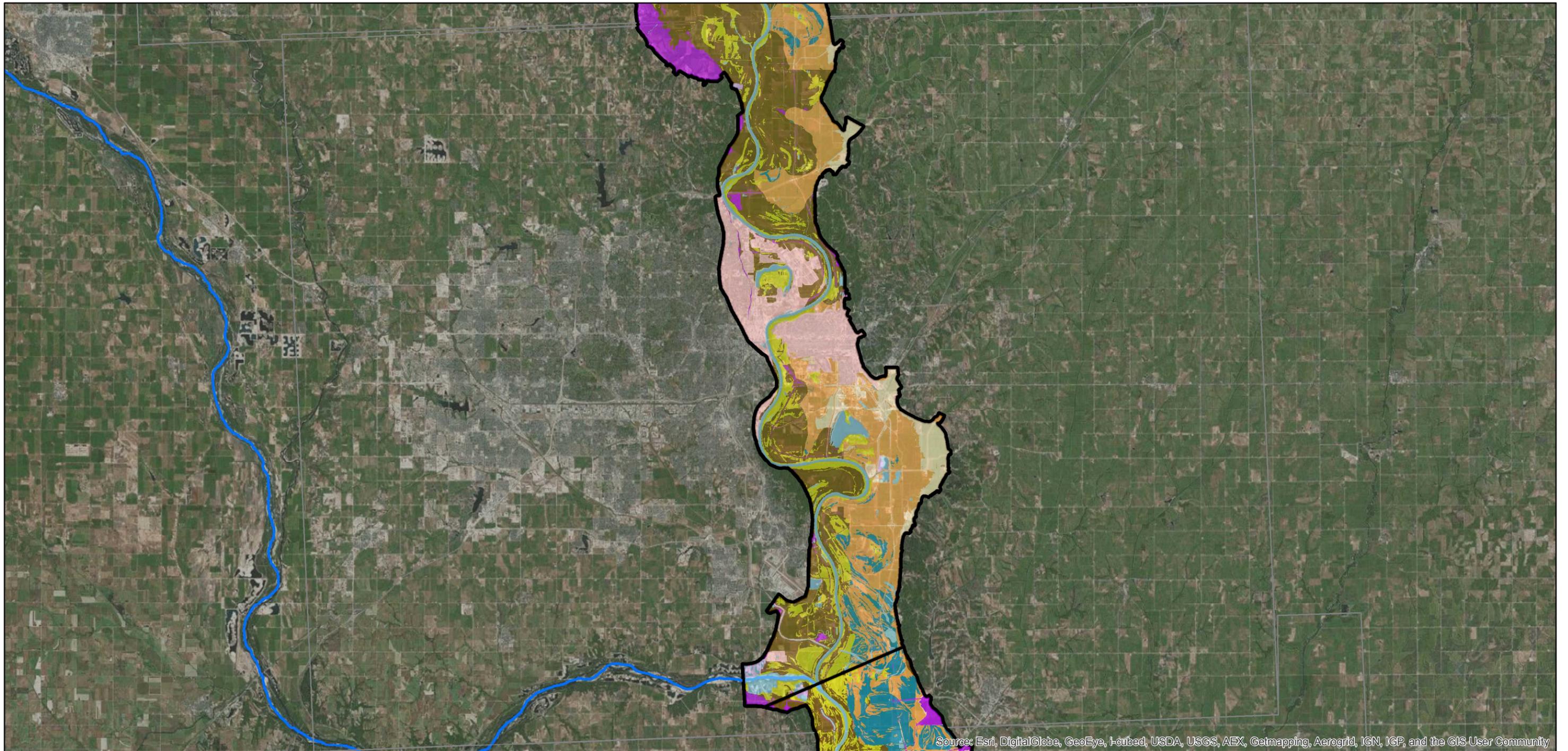


# MS-14 Potential Natural Vegetation (PNV)



- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries

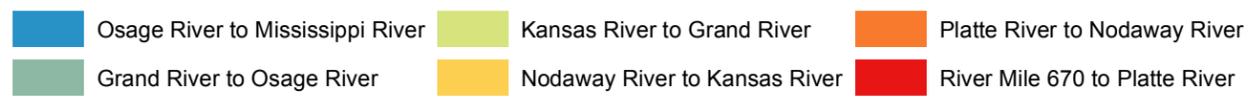
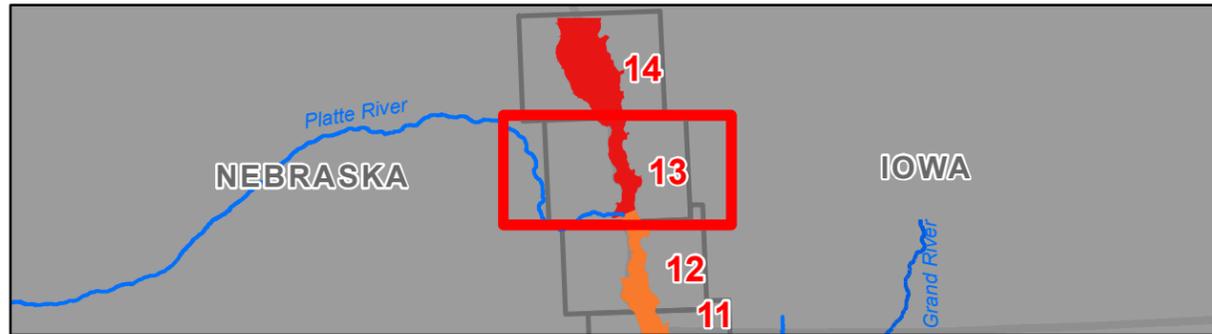
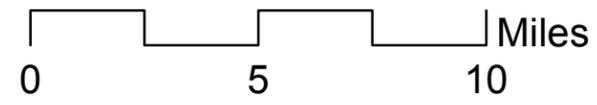




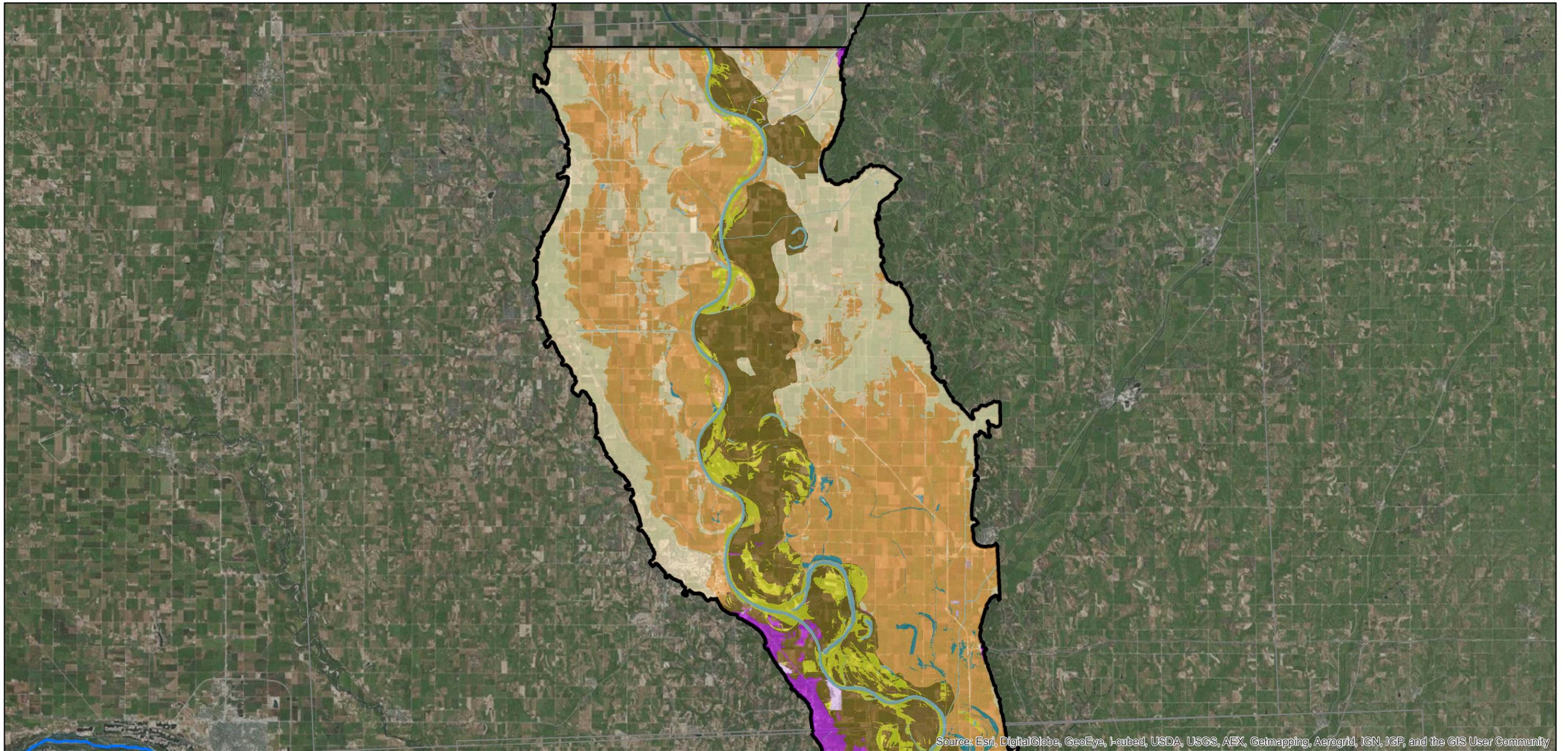
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community



# MS-14 Potential Natural Vegetation (PNV)



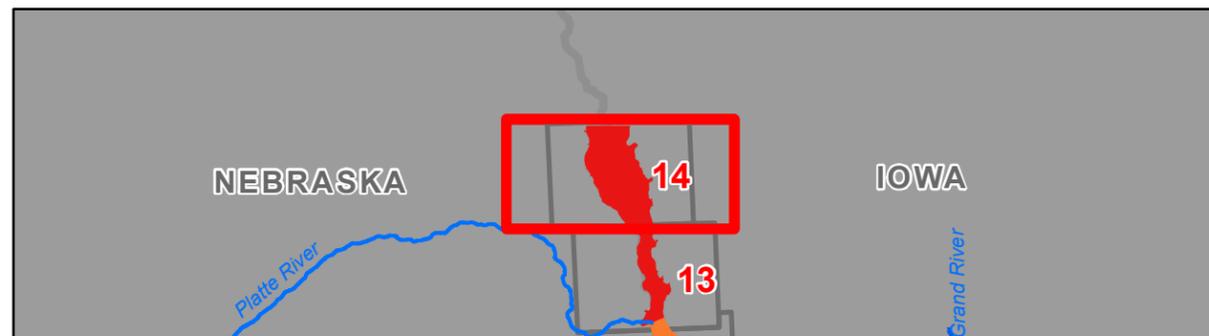
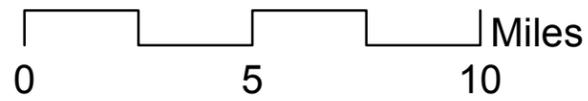
- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community



## MS-14 Potential Natural Vegetation (PNV)



- Osage River to Mississippi River
- Kansas River to Grand River
- Platte River to Nodaway River
- Grand River to Osage River
- Nodaway River to Kansas River
- River Mile 670 to Platte River

- Floodplain Forest
- Riverfront Forest
- Slope Forest
- Urban
- Water and Bottomland Lakes
- Bottomland Marsh
- Wet Bottomland Prairie
- Wet-Mesic Bottomland Prairie
- Mesic Bottomland Prairie
- pits, mines, quarries

**MS-14: Potential Natural Vegetation (PNV) Acreage Summary of Habitat Types**

Study Reach	Floodplain Forest	Riverfront Forest	Slope Forest	Mesic Bottomland Prairie	Wet-Mesic Bottomland Prairie	Wet Bottomland Prairie	Bottomland Marsh	Water	Urban	Pits, mines, quarries	TOTALS (Acres)
Mouth to the Osage River	66,374	78,140	2,339	381	13,066	6,721	209	31,374	4,532	1,372	204,508
Osage River to Grand River	60,766	75,965	1,800	1,156	10,748	6,175	524	21,050	209	36	178,429
Grand River to Kansas River	98,747	79,391	12,063	34,850	34,258	44,292	7,952	18,406	6,905	38	303,601
Kansas River to Nodaway River	51,727	64,597	4,532	732	754	1,490	486	12,553	3,012	20	123,832
Nodaway River to Platte River	70,278	91,511	17,105	2,853	73,830	103,435	6,699	17,016	78	390	359,011
Platte River to 670	64,897	25,004	6,660	79,119	114,749	4,550	- - -	12,321	12,409	903	320,615
<b>TOTALS</b>	412,790	414,607	44,499	119,091	247,405	166,662	15,871	112,720	27,145	2,759	1,405,054
<b>% of TOTAL</b>	29.40%	29.50%	3.20%	8.50%	17.60%	11.90%	1.10%	8.00%	1.90%	0.20%	100%