FSA + NLCD Land Cover Categories
Overall Accuracy Assessment

Number of Correct Samples	4215336
Number of Total Samples	4317189
Overal Percent Correct	97.64%
Overall Kappa Statistic	0.9509

Reference Data

Classified Data: Individual Land Cover Category	Value	Corn 1	Rice 3	Sorghum 4	Soybeans 5	Sunflowers 6	Tobbaco 11	Barley 21	Spring Wheat 23	Winter Wheat 24	Other Grains 25	WW/ Soybeans 26	Rye 27	Oats 28	Alfalfa 36	Dry Beans 42	Potatoes 43	Other Crops 44	Misc. Vegetables 47	Peas 53	Clover/ Wildflowers 58	Idle/ Fallow 61	NLCD - Open Water 111	NLCD - Developed/ Open Space 121	NLCD - Developed/ Low Intensity 122	NLCD - Developed/ Medium Intensity 123	NLCD - Developed/ High Intensity 124	NLCD - Barren 131	NLCD - Deciduous Forest 141 (63,143)	NLCD - Evergreen Forest 142	NLCD - Grassland Herbaceous 171 (62,152,181)	NLCD - Woody Wetlands 190	NLCD - Herbaceous Wetlands 195	Classified (Row) Total	User's Accuracy	Comission Error	Conditional Kappa
Sunflowers	6	41	0	6	60	**3**	0	0	0	0	0	1	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	115	2.61%	97.39%	0.0261
Tobbaco	11	4	0	0	75	0	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	0.00%	100.00%	0.0000
Barley	21	4	0	0	10	0	0	**17**	0	35	0	1	0	1	8	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	80	21.25%	78.75%	0.2125
Spring Wheat	23	0	0	0	0	0	0	0	**33**	6	0	0	0	25	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	65	50.77%	49.23%	0.5077
Winter Wheat	24	244	0	0	300	0	0	0	0	**25768**	0	5916	5	25	50	3	0	13	13	2	7	7	0	0	0	0	0	0	0	0	0	0	32353	79.65%	20.35%	0.7950
Other Grains	25	0	0	0	0	0	0	0	0	3	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.00%	100.00%	0.0000
WW / Soybeans	26	163	0	10	5310	0	0	0	0	3369	0	**77663**	0	1	8	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	86526	89.76%	10.24%	0.8954
Rye	27	0	0	0	0	0	0	0	0	83	0	1	**37**	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	122	30.33%	69.67%	0.3033
Oats	28	85	0	0	29	0	0	1	0	68	0	10	0	**238**	12	0	1	0	4	0	0	6	0	0	0	0	0	0	0	0	0	0	454	52.42%	47.58%	0.5242
Alfalfa	36	261	0	6	319	0	0	0	0	52	0	31	0	3	**3998**	1	1	9	13	9	20	2	0	0	0	0	0	0	0	0	0	0	4725	84.61%	15.39%	0.8459
Dry Beans	42	127	0	0	157	0	0	0	0	49	0	1	0	0	4	**634**	30	2	4	0	2	10	0	0	0	0	0	0	0	0	0	0	1020	62.16%	37.84%	0.6215
Potatoes	43	100	0	0	16	0	0	0	0	8	0	0	0	0	4	0	**145**	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	288	50.35%	49.65%	0.5034
Other Crops	44	14	0	0	32	0	0	0	0	65	0	2	0	2	1	0	0	**209**	5	0	0	6	0	0	0	0	0	0	0	0	0	0	336	62.20%	37.80%	0.6220
Misc. Vegetables	47	2808	0	19	433	1	0	0	0	20	0	24	0	6	6	6	9	0	**6076**	10	0	2	0	0	0	0	0	0	0	0	0	0	9420	64.50%	35.50%	0.6445
Peas	53	7	0	0	6	0	0	0	0	4	0	0	0	33	4	0	0	0	12	**67**	0	0	0	0	0	0	0	0	0	0	0	0	133	50.38%	49.62%	0.5037
Clover / Wildflowers	58	11	0	0	11	0	0	0	0	6	0	6	0	0	71	0	0	0	0	0	**175**	0	0	0	0	0	0	0	0	0	0	0	280	62.50%	37.50%	0.6250
Idle / Fallow	61	131	0	2	330	0	0	0	1	25	0	4	0	22	2	0	0	11	1	0	0	**225**	0	0	0	0	0	0	0	0	0	0	754	29.84%	70.16%	0.2983
NLCD - Open Water	111	126	2	1	98	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	5	**65**	0	0	0	0	0	1	0	0	5	312	20.83%	79.17%	0.2083
NLCD - Developed/Open Space	121	2099	0	4	1312	0	0	0	0	104	0	142	0	2	21	0	2	12	15	1	0	13	0	**65**	2	1	1	3	0	0	1	3	0	3803	1.71%	98.29%	0.0171
NLCD - Developed/Low Intensity	122	127	0	0	71	0	0	0	0	6	0	6	0	0	1	0	0	0	0	0	0	2	0	3	**72**	1	0	0	0	0	0	0	0	289	24.91%	75.09%	0.2491
NLCD - Developed/Medium Intensity	123	6	0	0	4	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	**70**	1	0	0	0	0	0	0	86	81.40%	18.60%	0.8140
NLCD - Developed/High Intensity	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	**66**	3	0	0	0	0	0	71	92.96%	7.04%	0.9296
NLCD - Barren	131	12	0	3	20	0	0	0	0	4	0	1	0	0	1	1	0	0	0	0	1	2	1	0	0	2	11	**56**	0	0	0	0	0	115	48.70%	51.30%	0.4869
NLCD - Deciduous Forest	141 (63,143)	542	0	3	456	0	0	0	0	34	1	58	0	0	12	0	0	12	2	0	0	27	0	0	0	0	0	1	**78**	1	7	5	0	1239	6.30%	93.70%	0.0629
NLCD - Evergreen Forest	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**70**	0	0	0	70	100.00%	0.00%	1.0000
NLCD - Grassland Herbaceous	171 (62,152,181)	13446	1	170	9928	6	1	5	0	1273	0	3014	4	69	1755	61	10	88	124	3	78	176	0	10	2	1	0	1	0	0	**65**	0	5	30296	0.21%	99.79%	0.0021
NLCD - Woody Wetlands	190	28	0	0	7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	**66**	2	108	61.11%	38.89%	0.6111
NLCD - Herbaceous Wetlands	195 (87)	852	1	2	386	0	0	5	0	37	0	17	0	7	5	1	0	8	1	0	0	5	7	0	0	0	0	0	0	0	0	6	**57**	1397	4.08%	95.92%	0.0408
Reference (Column) Total		2809711	87	4991	1365234	11	4	28	34	31795	1	88625	50	511	6211	729	220	398	6795	97	290	543	73	78	77	77	79	65	80	71	75	80	69	**4317189**			
Producer's Accuracy		98.69%	88.51%	78.82%	96.86%	27.27%	0.00%	60.71%	97.06%	81.04%	0.00%	87.63%	74.00%	46.58%	64.37%	86.97%	65.91%	52.51%	89.42%	69.07%	60.34%	41.44%	89.04%	83.33%	93.51%	90.91%	83.54%	86.15%	97.50%	98.59%	86.67%	82.50%	82.61%		**4215336**		
Omission Error		1.31%	11.49%	21.18%	3.14%	72.73%	100.00%	39.29%	2.94%	18.96%	100.00%	12.37%	26.00%	53.42%	35.63%	13.03%	34.09%	47.49%	10.58%	30.93%	39.66%	58.56%	10.96%	16.67%	6.49%	9.09%	16.46%	13.85%	2.50%	1.41%	13.33%	17.50%	17.39%			**97.64%**	
Conditional Kappa		0.9629	0.8851	0.7878	0.9544	0.2727	0.0000	0.6071	0.9706	0.8090	0.0000	0.8738	0.7400	0.4657	0.6433	0.8697	0.6591	0.5251	0.8940	0.6907	0.6034	0.4143	0.8904	0.8332	0.9351	0.9091	0.8354	0.8615	0.9750	0.9859	0.8657	0.8250	0.8260				**0.9509**