

Table 4. Accuracy assessment for upland classes at Anderson Level II/III.

	REFERENCE DATA																				Total	% User's Accuracy
	Hi Dens. Urban.	Lo Dens. Urban.	Agriculture	Corn	Other Row Crops	Forage Crops	Grassland	Jack Pine	Red Pine	White Spruce	Mixed/Other Conif.	Aspen	Oak	Maple	Mixed/Other Decid.	Mixed Forest	Water	Barren	Shrubland			
CLASSIFIED DATA																						
Hi Dens. Urban	248	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255	97.25
Lo Dens. Urban	6	275	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	281	97.87
Agriculture	2	19	167	5	0	2	9	0	0	0	0	1	0	1	2	0	0	1	3	3	212	78.77
Corn	0	0	4	560	36	22	15	0	0	0	0	0	2	0	1	0	0	3	1	644	86.96	
Other Row Crops	0	0	0	25	180	20	10	0	0	0	1	0	0	0	0	0	0	0	0	236	76.27	
Forage Crops	0	0	2	16	32	475	69	0	0	0	1	0	5	1	12	0	0	0	0	613	77.49	
Grassland	0	0	16	14	18	78	472	1	0	0	2	8	3	3	14	0	0	3	11	643	73.41	
Jack Pine	0	0	0	0	0	0	0	74	5	0	5	0	0	0	1	10	1	0	0	96	77.08	
Red Pine	0	0	0	0	0	0	0	2	455	2	55	1	0	0	8	16	0	0	0	539	84.42	
White Spruce	0	0	0	0	0	0	0	0	1	4	3	0	0	0	0	0	0	0	0	8	50.00	
Mixed/Other Conif.	0	0	0	0	0	0	0	7	16	0	112	2	1	0	3	9	0	0	0	150	74.67	
Aspen	0	0	0	1	2	2	10	0	0	0	3	245	5	16	69	9	0	0	6	368	66.58	
Oak	0	0	0	0	1	1	1	1	0	0	6	6	311	1	108	8	0	0	0	444	70.05	
Maple	0	0	0	2	0	0	1	0	0	0	0	6	37	130	71	1	0	0	2	250	52.00	
Mixed/Other Decid.	0	0	8	2	2	3	10	3	15	0	12	129	157	75	1306	31	1	0	6	1760	74.21	
Mixed Forest	0	0	0	0	1	0	0	3	9	1	26	12	10	2	27	84	0	0	1	176	47.73	
Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	244	0	0	244	100.0	
Barren	0	0	4	0	3	3	11	0	0	0	0	0	0	0	0	0	0	97	0	118	82.20	
Shrubland	0	0	5	0	2	3	14	0	0	0	0	4	0	0	4	0	0	0	54	86	62.79	
Total	256	301	206	625	277	609	622	91	501	7	226	414	531	229	1626	168	246	104	84	7123		
% Producer's Accu.	96.88	91.36	81.07	89.60	64.98	78.00	75.88	81.32	90.82	57.14	49.56	59.18	58.57	56.77	80.32	50.00	99.19	93.27	64.29			
Total Correct	5493																					
Total Reference Plots	7123																					
Overall accuracy = 77.12% KHAT = 74.52%																						

Table 5. Accuracy assessment of upland classes at Anderson Level I

		REFERENCE DATA								
		Urban	Agriculture	Grassland	Forest	Water	Barren	Shrubland	Total	% User's Accuracy
CLASSIFIED DATA										
Urban	536	0	0	0	0	0	0	0	536	100.00
Agriculture	21	1546	103	2	0	4	4	1705	90.67	
Grassland	0	126	472	3	0	3	11	643	73.41	
Forest	0	25	22	3727	2	0	15	3791	98.31	
Water	0	0	0	0	244	0	0	244	100.00	
Barren	0	10	11	0	0	97	0	118	82.20	
Shrubland	0	10	14	0	0	0	54	86	62.79	
Total	541	1717	622	3732	246	104	84	7123		
% Producer's Accu.	99.08	90.04	75.88	99.87	99.19	93.27	64.29			
Total Correct	6676									
Total Reference Plots	7123	Overall accuracy 93.72%		KHAT 90.32%						