Appendix D: Error Matrices for Image Classifications

Tables D1 and D2 show error matrices for woody/herbaceous cover classifications pooled across sites.The tables include the number of samples correctly classified, as well as omission and commission errors (as Producer's and User's accuracies). Accuracy for the pooled 1948 images was 95% (with a kappa statistic of 0.82), and for the 2009 images was 98% (with a kappa statistic of 0.90). In seven cases out of 815, a sample fell into a clearly mixed class between woody and herbaceous cover and was thrown out.

		Assessed Classes		
		Woody	Herbaceous	User Acc.
Assigned	Woody	323	13	96.1%
Classes	Herbaceous	6	55	90.2%
	Prod. Acc	96.1%	80.9%	95.2%

Table D1: Pooled error matrices for classified 1948 images

		Assessed Classes		
		Woody	Herbaceous	User Acc.
Assigned	Woody	355	3	99.2%
Classes	Herbaceous	6	48	88.9%
	Prod. Acc	98.3%	94.1%	97.8%

Table D2: Pooled error matrices for classified 2009 images