

	Grassland	Water	Built up Area	Bare Land	Agricultural Lan	Total	User Acc
Grassland	21	4	0	0	0	25	84
Water	1	24	0	0	0	25	96
Built up Area	0	0	18	7	0	25	72
Bare Land	0	0	7	17	1	25	68
Agricultural Land	6	0	0	0	19	25	76
Total	28	28	25	24	20	125	
Producer Acc	75	85.71	72	70.83	95		
Overall Classification accuracy	79%						
Kappa Statistics	74%						

#### Producers Accuracy

Grassland	21	28	75
Water	24	28	85.7142857
Built up Area	18	25	72
Bare Land	17	24	70.8333333
Agricultural Land	19	20	95

#### Users Accuracy

Grassland	21	25	84
Water	24	25	96
Built up Area	18	25	72
Bare Land	17	25	68
Agricultural Land	19	25	76

**overall accuracy**

79.2

**Kappa**

0.74

Omission Error    Commission Error

<b>Grassland</b>
<b>Water</b>
<b>Built up Area</b>
<b>Bare Land</b>
<b>Agriculture</b>

0.25	0.16
0.14	0.04
0.28	0.28
0.29	0.32
0.05	0.24

	Grassland	Water	Built up Area	Bare Land	Agricultural Land	Total	User Acc
Grassland	19	0	0	0	6	25	76
Water	0	25	0	0	0	25	100
Built up Area	0	0	21	4	0	25	84
Bare Land	0	0	4	21	0	25	84
Agricultural Land	5	0	0	0	20	25	80
<b>Total</b>	24	25	25	25	26	125	
<b>Producer Acc</b>	79.16	100	84	84	76.92		
<b>Overall Classification accuracy</b>	85%						
<b>Kappa Statistics</b>	82%						

#### Producers Accuracy

Grassland	19	24	79.16667
Water	25	25	100
Built up Area	21	25	84
Bare Land	21	25	84
Agricultural Land	20	26	76.92308

#### Users Accuracy

Grassland	19	25	76
Water	25	25	100
Built up Area	21	25	84
Bare Land	21	25	84
Agricultural Land	20	25	80

**overall accuracy**

84.8

**Kappa**

0.81

Omission Error Commission Error

<b>Grassland</b>	0.21	0.24
<b>Water</b>	0	0
<b>Built up Area</b>	0.16	0.16
<b>Bare Land</b>	0.16	0.16
<b>Agricultural Land</b>	0.23	0.2

	Grassland	Water	Built up Area	Bare land	Agricultural	Total	User Acc
Grassland	21	0	0	0	4	25	84
Water	3	22	0	0	0	25	88
Built up Area	0	0	20	5	0	25	80
Bare land	0	0	4	21	0	25	84
Agricultural Land	2	0	0	0	23	25	92
Total	26	22	24	26	27	125	
Producer Acc	80.76	100	83.33	80.76	85.18		
Overall Classification accuracy							86%
Kappa Statistics							82%

#### Producers Accuracy

Grassland	21	26	80.76923
Water	22	22	100
Built up Area	20	24	83.33333
Bare Land	21	26	80.76923
Agricultural Land	23	27	85.18519

#### Users Accuracy

Grassland	21	25	84
Water	22	25	88
Built up Area	20	25	80
Bare Land	21	25	84
Agricultural Land	23	25	92

**overall accuracy**

85.6

**Kappa**

0.82

	Omission Error	Commission Error
<b>Grassland</b>	0.19	0.16
<b>Water</b>	0	0.12
<b>Built up Area</b>	0.17	0.2
<b>Bare Land</b>	0.19	0.16
<b>Agricultural Land</b>	0.14	0.08

	Grassland	Water	Built up Area	Bare land	Agricultural Land	Total	User Acc
Grassland	20	0	0	0	5	25	80
Water	5	20	0	0	0	25	80
Built up Area	0	0	23	2	0	25	92
Bare land	0	0	2	23	0	25	92
Agricultural Land	1	0	0	0	24	25	96
Total	26	20	25	25	29	125	
Producer Acc	76.92	100	92	92	82.75		
Overall Classification accuracy	88%						
Kappa Statistics	85%						

#### Producers Accuracy

Grassland	20	26	76.92307692
Water	20	20	100
Built up Area	23	25	92
Bare Land	23	25	92
Agricultural Land	24	29	82.75862069

#### Users Accuracy

Grassland	20	25	80
Water	20	25	80
Built up Area	23	25	92
Bare Land	23	25	92
Agricultural Land	24	25	96

**overall accuracy**

88

**Kappa**

0.85

Omission Error    Commission Error

<b>Grassland</b>	0.23	0.2
<b>Water</b>	0	0.2
<b>Built up Area</b>	0.08	0.08
<b>Bare Land</b>	0.08	0.08
<b>Agriculture</b>	0.21	0.04



	Grassland	Water	Built up Area	Bare Land	Agricultural Land	Total	User Acc.
Grassland	18	7	0	0	0	25	72
Water	1	24	0	0	0	25	96
Built up Area	0	3	20	2	0	25	80
Bare Land	0	0	2	23	0	25	92
Agricultural Land	4	0	0	0	21	25	84
Total	23	34	22	25	21	125	
Producer Acc.	78.26	70.58	90.9	92	100		
Overall Classification accuracy	85%						
Kappa Statistics	81.00%						

#### Producers Accuracy

Grassland	18	23	78.26087
Water	24	34	70.588235
Built up Area	20	22	90.909091
Bare Land	23	25	92
Agricultural Land	21	21	100

#### Users Accuracy

Grassland	18	25	72
Water	24	25	96
Built up Area	20	25	80
Bare Land	23	25	92
Agricultural Land	21	25	84

**overall accuracy**

84.8

**Kappa**

0.81

	Omission Error	Commission Error
<b>Grassland</b>	0.22	0.28
<b>Water</b>	7.09	0.04
<b>Built up Area</b>	0.09	0.2
<b>Bare Land</b>	0.08	0.08
<b>Agricultural Land</b>	0	0.16