RMS ERROR FOR GEOREFERENCING LANDSAT TM IMAGES

DZALANYAMA FOREST RESERVE

Image 1984 Georeferenced to Hardcopy Map   **Image 1994 Georeferenced to Image 1984**

	East	**West**
30 GCP points used	28 GCP points used	26 GCP points used
X RMS Error = 0.41	X RMS Error = 0.21	X RMS Error = 0.18
Y RMS Error = 0.37	Y RMS Error = 0.20	Y RMS Error = 0.20
Total RMS = 0.55	Total RMS = 0.29	Total RMS = 0.27

VWAZA WILDLIFE RESERVE

Image 1984 Georeferenced to Hardcopy Map   **Image 1994 Georeferenced to Image 1984**

28 GCP points used	30 GCP points used
X RMS Error = 0.45	X RMS Error = 0.30
Y RMS Error = 0.42	Y RMS Error = 0.28
Total RMS = 0.61	Total RMS = 0.41

DOUBLE SCENE 1984 COVERING LIWONDE, ZOMBA-MALOSA AND MULANJE
Image 1984 Georeferenced to Hardcopy Map

40 GCP points used
X RMS Error = 0.44
Y RMS Error = 0.34

LIWONDE NATIONAL PARK

Subset Image 1984 Georeferenced   **Image 1994 Georeferenced to Image 1984**
to Double Scene 1984

31 GCP points used	30 GCP points used
X RMS Error = 0.32	X RMS Error = 0.30
Y RMS Error = 0.24	Y RMS Error = 0.28
Total RMS = 0.40	Total RMS = 0.41

ZOMBA/MALOSA FOREST RESERVES

Subset Image 1984 Georeferenced   **Image 1994 Georeferenced to Image 1984**
to Double Scene 1984

30 GCP points used	30 GCP points used
X RMS Error = 0.31	X RMS Error = 0.40
Y RMS Error = 0.30	Y RMS Error = 0.33
Total RMS = 0.43	Total RMSE = 0.52

MULANJE FOREST RESERVE

Subset Image 1984 Georeferenced   **Image 1994 Georeferenced to Image 1984**
to Double Scene 1984

31 GCP points used	25 GCP points used
Total RMSE = 0.46	X RMS Error = 0.24
	Y RMS Error = 0.24
	Total RMSE = 0.34