ACKNOWLEDGEMENTS

The author is grateful to various individuals and institutions for their assistance in making this study possible. The list of individuals who have contributed is extensive.

Dr. P.V.S. Rama Rao and his group of Space Science Lab., Andhra University were kind enough to introduce the author to satellite RB studies and familiarized with instrumentations. My sincere thanks to them. I would like to express my gratitude to Khalilur Rahman, my co-worker. It was always reassuring to have him around. He was just marvelous as a co-worker. Dr. M. Devi's help is gratefully acknowledged. She made herself available for any help whenever needed. It would have been a much more difficult task to manage the illustration work without valuable help from Dhirendra Nath Bhuyan.

I am grateful to Prof. A.K. Barbara, my research guide for his untiring effort to see me through the whole work. The stimulating discussions I had with him over long hours helped me clear knotty problems. Once again sincere thanks to him.

I would like to appreciate the help of several organizations for their kind cooperation throughout the work. First, NASDA of Japan which launched ETS II (in 1977) and managed the satellite extremely well. This study was centered around ETS II. NASDA, NASA and NOAA (of USA) always promptly provided with valuable data on numerous occasions. I am grateful to them. The assistance received from INSDOC, Bangalore deserves high praise.

I am appreciating the kind help from Ranen Das, Bangshi Das and many others on different occasions.