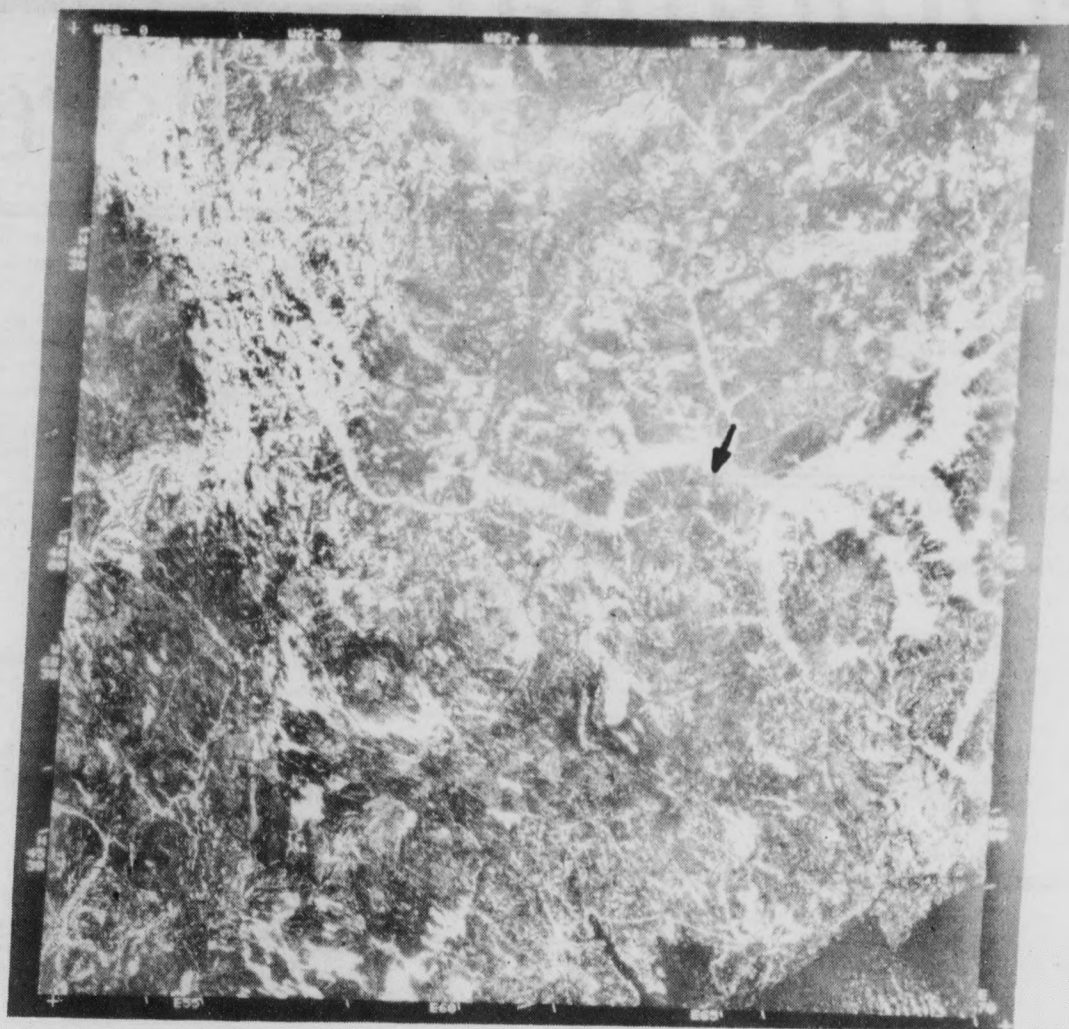
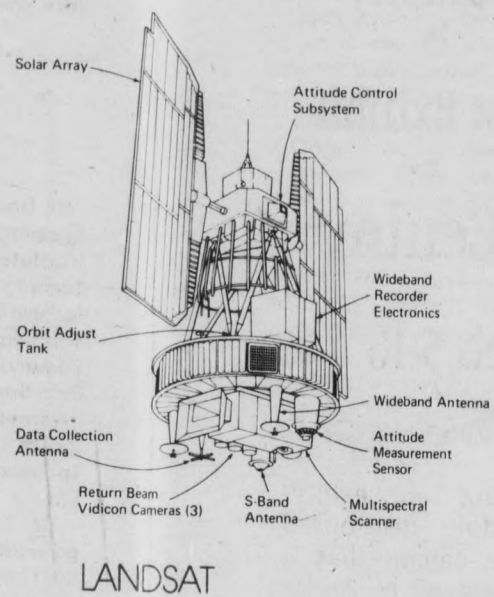


SATELLITE ERA



LANDSAT view of Fredericton 660 miles above earth, taken in January 1974.

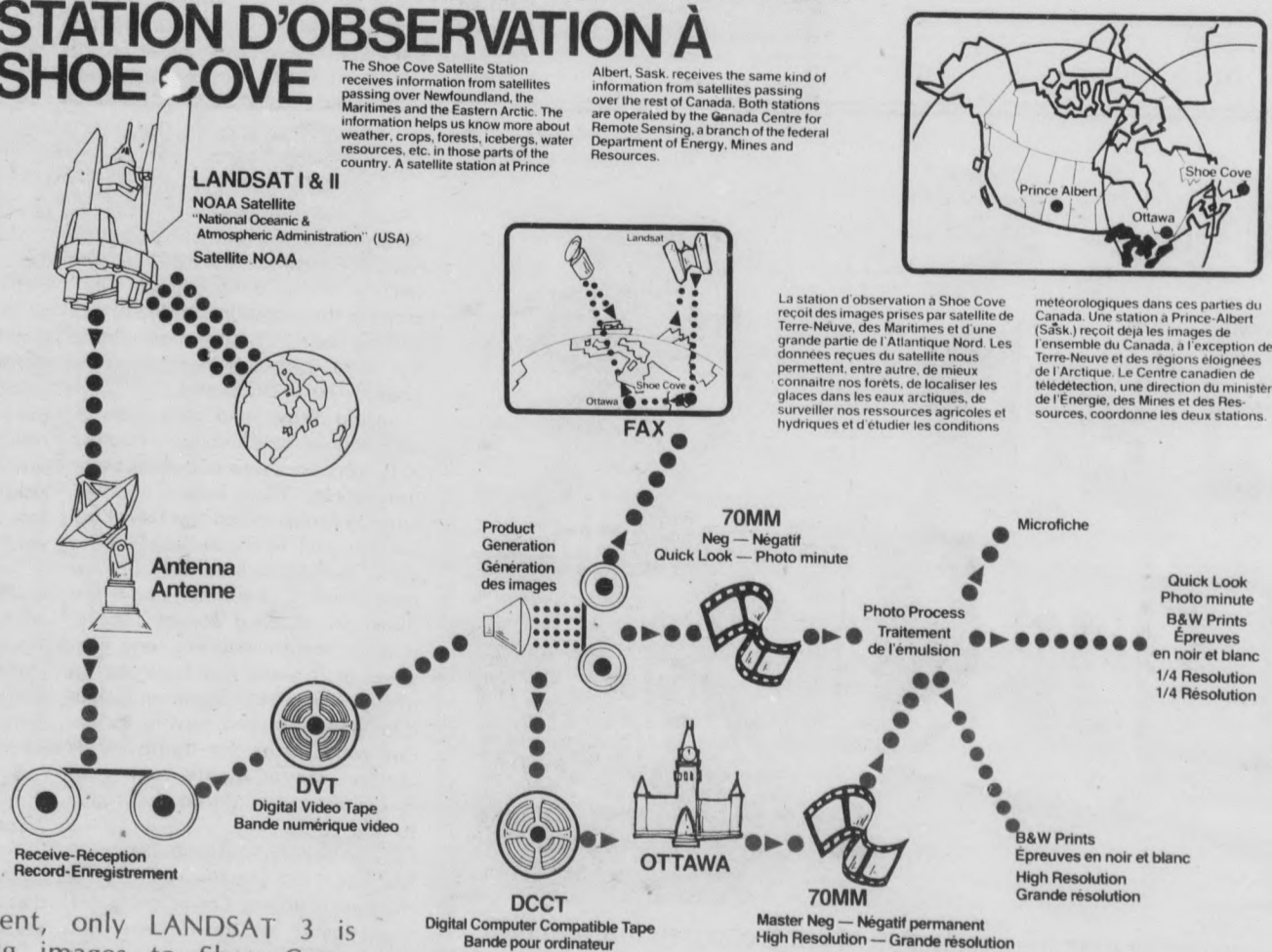
the ability of the satellite to see in the infrared spectrum every 9 days, 3 produce used for a purposes: to detect mineral resources, to monitor crops and assess and water conditions mapping; and use and dramatic Landsat studies of a vast spread. It showed a line separation of the Sinai from Israel from a satellite. The reason was that the satellite was able to see the vegetation. The solar power satellite will be carrying the Shuttle in orbit. The future of satellite use, of course, must depend upon the goodwill and openness of all nations to help build a future that will be better than the past. As one wise observer noted: "If you do not think about the future, you cannot have one."

cities or offshore. It has been calculated that each satellite would produce 5 million KW hours of electricity, enough to supply one-half of New York City's need and equally the yield of 5 large nuclear power plants. Moreover, the solar power satellite would be economically competitive with nuclear power stations.

Another exciting development coming next year will be the launch of the infrared astronomical satellite. It is expected to map perhaps 1 million sources of invisible infrared radiation. As one observer said, "Come back here five years from now, after IRAS has flown and we have studied its data. I will be terribly disappointed if we talk then about the same kinds of things we are talking about today. We are going to revolutionize the entire field."

No longer are satellites to be considered pie in the sky. It is becoming increasingly evident that the power games in this decade will not be played on the planet but will be a function of one's satellite capabilities and the wise and sane use of such capabilities. The future of satellite use, of course, must depend upon the goodwill and openness of all nations to help build a future that will be better than the past. As one wise observer noted: "If you do not think about the future, you cannot have one."

SHOE COVE SATELLITE STATION STATION D'OBSERVATION À SHOE COVE



At present, only LANDSAT 3 is providing images to Shoe Cove. LANDSAT 2 is no longer in service.