

4 OFFICIAL ORGANIZATIONS

Servicio Meteorológico Nacional

25 de Mayo 650, (1002) Buenos Aires

Ph. 44-1481/42-2518

Since 1970 the Servicio Meteorológico Nacional has included the remote sensing information obtained from satellites for the diagnosis of meteorological phenomena. At this time it has three receivers: one in Antartica, the Vicecomodoro Marambio station; one in Ezeiza (Buenos Aires) and the High Resolution Satellite Information Receiving Station (HRPT) at Villa Ortúzar, also in Buenos Aires. Both stations in Buenos Aires are capable of receiving information from an area covering the South Pole to the Ecuador and from 10 to 40 meridian degrees. Both receive satellites from polar orbits from the series TIROS-NOAA and from the satellite GOES-E.

The HRPT station is equipped with a Hewlett-Packard 1000 computer with peripherals, an image processor I-S, a processor which transmits low resolution information via Telex and FAX (Laser System) to a graphic output of the system, in low and high resolutions, producing images similar to a photograph.

With the use of this equipment, research has been oriented to evaluate pastures and farming using the Green Index and estimate rains derived from the convective systems of clouds, with data from GOES.

Instituto Nacional de Tecnología Industrial (INTI)

Parque Tecnológico Miguelete, Av. Gral. Paz between Albarellos and Av. de los Constituyentes, Buenos Aires.

C.C. 157, (1658), Buenos Aires.

Ph. 755-6161/6112/6314/ 752-5101/5151/5201, FAX: (541) 755-2102.

The groups in INTI that work in teledetection applied to resource information for the national industry are: The Center of Research on Celulose