Acronyms

TIROS = Television and Infra-Red Observation Satellite.
ESSA = Environmental Science Services Administration
RCA = Radio Corporation of America.
S/C = Spacecraft.
APT = Automatic Picture Transmission (Camera)
AVCS = Advanced Vidicon Camera System.
R+D = Research and Development
VHRR = Very High Resolution Radiometer
HIRS = High-resolution Infra-Red Sounder
SBUV = Solar Backscatter Ultraviolet ~~Radiometer~~ (Spectrometer)
CZCS = Coastal Zone Color Scanner
ITOS = Improved TIROS Operational Satellite
RPM = Revolutions per minute.
SR = Scanning Radiometer
TV = TeleVision
IR = Infra-Red
NOAA = National Oceanic and Atmospheric Administration
HRPT = High Resolution Picture Transmission
ITPR = Infra-red Temperature Profile Radiometer
TOVS = TIROS Operational Vertical Sounder
ARGOS = Not an acronym. French name for their data collection and location system being flown on the TIROS-N series.
MSU = Microwave Sounder Unit
SSU = Stratospheric Sounder Unit (United Kingdom)
SEM = Solar Environment Monitor.
SAR = Search and Rescue system, or : (lecture 1, 2, 3)
Synthetic Aperture Radar (lecture 13)

ERBE = Earth Radiation Budget Experiment
NASA = National Aeronautics and Space Administration
ATS = Advanced Technology Satellite.
VHF = Very High Frequency (radio waves)
WEFAX = Weather Facsimile (satellite broadcast)
VISSIR = Visible-Infrared-Spin Scan Radiometer
DCS = Data Collection System
SMS = Synchronous Meteorological Satellite (prototype of GOES)
GOES = Geostationary Operational Environmental Satellite.