

APPENDIX O: PROCEDURE FOR SCHEDULING AVHRR LAC DATA

This appendix contains procedures to schedule AVHRR LAC recording over specific areas of the world where coverage is not possible from a number of direct readout stations maintained by NOAA. Because recorder space and transmission time must be shared by many requestors, requests must be received at least one month prior to the data acquisition period. Requests will be considered on a first-come, first-served basis, and according to the following priority considerations:

1. National emergencies, as specified in the various national emergency plans
2. Situations where human life is in immediate danger (i.e., search and rescue operations)
3. U.S. strategic requirements
4. Commercial requirements
5. Scientific investigations and studies
6. Other miscellaneous activities

Requests must also be accompanied by the following:

- a. Brief description of application
- b. Geographical area (i.e., East Greenland, Korea Straits, etc.)
- c. Latitude and longitude coordinates bounding the area of interest
- d. Desired frequency of coverage (i.e., once weekly, etc.)
- e. Spectral channels required for image processing - Channel 1, 2 or 3A = visible; Channel 3B, 4, or 5 = infrared. Include range of expected brightness values or temperatures for image enhancement purposes. Please be aware that channels 3A and 3B are shared and may be configured differently on each satellite.
- f. Beginning and ending dates of the study period.
- h. Satellite preference: Morning NOAA polar orbiter - daylight descending, nighttime ascending with a descending local crossing time of 0730. Afternoon NOAA polar orbiter - daylight ascending, nighttime descending with an ascending local crossing time of 1400
- i. Name, address, telephone number and email address of requestor.

Failure to provide this information at the time of the request may cause a delay in scheduling of the LAC data. Requests for AVHRR LAC data preferably should be e-mailed to address listed below. Contacts by phone need to be followed by written documentation and sent to:

Keith Catalan
POES Scheduling Team Lead
Mission Operations Division
NOAA/NESDIS/OSPO
NSOF Bld., Room 1527
4231 Suitland Road
Suitland, MD 20746-4304

Voice: 301-817-4161

Cell: 301-892-0469

Email: nesdis.oso.poes.scheduling@noaa.gov

Every effort is made to accommodate each request, for example, by combining requests of overlapping areas. However, because the number of requests for LAC coverage always surpasses scheduling and spacecraft resources, NESDIS does not guarantee complete or even partial fulfillment of LAC requirements. If scheduling conflicts severely limit the acquisition of LAC coverage, requestors will be notified by the POES Scheduling Team. Users are not charged a fee for scheduling services.

Users should be aware that a request for LAC scheduling is not an implicit request for data. All AVHRR LAC data can be acquired through the Comprehensive Large Array-data Stewardship System (CLASS) at www.class.noaa.gov.