

REQUEST FOR RECORDS DISPOSITION AUTHORITY
(See Instructions on reverse)

TO: NATIONAL ARCHIVES and RECORDS ADMINISTRATION (NIR)
 WASHINGTON, DC 20408

1. FROM (Agency or establishment)
 U.S. Department of Commerce

2. MAJOR SUBDIVISION
 National Oceanic and Atmospheric Admin. (NOAA)

3. MINOR SUBDIVISION National Environmental Satellite,
 Data, and Information Service (NESDIS)

4. NAME OF PERSON WITH WHOM TO CONFER
 David Clark
 Daisy Rivers

5. TELEPHONE
 (303) 497-6474
 (301) 443-8967

LEAVE BLANK (NARA use only)

JOB NUMBER
NI-370-92-3

DATE RECEIVED
9-21-92

NOTIFICATION TO AGENCY

In accordance with the provisions of 44 U.S.C. 3303a the disposition request, including amendments, is approved except for items that may be marked "disposition not approved" or "withdrawn" in column 10.

DATE *4-7-93* ARCHIVIST OF THE UNITED STATES
Cindy Hankamp Peterson

6. AGENCY CERTIFICATION

I hereby certify that I am authorized to act for this agency in matters pertaining to the disposition of its records and that the records proposed for disposal on the attached 5 page(s) are not now needed for the business of this agency or will not be needed after the retention periods specified; and that written concurrence from the General Accounting Office, under the provisions of Title 8 of the GAO Manual for Guidance of Federal Agencies,

is not required; is attached; or has been requested.

DATE <i>9/14/92</i>	SIGNATURE OF AGENCY REPRESENTATIVE <i>Daisy O. Rivers</i>	TITLE NOAA Records Officer
------------------------	--	-------------------------------

7. ITEM NO.	8. DESCRIPTION OF ITEM AND PROPOSED DISPOSITION	9. GRS OR SUPERSEDED JOB CITATION	10. ACTION TAKEN (NARA USE ONLY)
	National Environmental Satellite, Data, and Information Service (NESDIS) Functional Code 1903: Satellite Data Services Files U.S. Defense Meteorological Satellite Program (DMSP) Operational Line Scan (OLS) Data and Imagery Series 1903-12 through 1903-21 See attached pages for record descriptions		

Copies sent to agency ^{NIA} NN-W, NNS, NNT, NCP 4/13/93

1903 SATELLITE DATA SERVICES FILES

These files relate to the national and international acquisition, processing, storage, and exchange of spacecraft-derived climatological, cryospheric and space environment satellite data. These data are provided to users for long-term climatological, cryospheric, space environment and other types of satellite studies.

U. S. Defense Meteorological Satellite Program (DMSP)
Operational Line Scan (OLS) Data and Imagery

1903-12 DMSP/OLS Mercator
Projection Images.
1:15 million scale
imagery obtained
from OLS, includes
both visible and
thermal infrared
channels. Regional
mosaics, mapped into
Mercator projection,
providing coverage
equatorward of the
area 46 degrees
north and south
latitude.

100 cm x 50 film
positives,
resolution 5.4km.
1976-90 daily
coverage with gaps.

Destroy 25 years after depositing
in the Federal Records Center.

1903-13 DMSP/OLS Polar
Projection
1:15 million scale
images. Data
obtained from OLS.
includes both
visible and thermal
infrared channels.
Regional mosaics
mapped into Polar
Stereographic
projections true at
60 degrees latitude,
providing global
coverage. Mosaics:
Western Europe,

Atlantic,
Mediterranean, Mid-
East, Asia, Far East,
Central Pacific,
Southern Hemisphere.

100 cm x 50 cm film
positives, 5.4 km
resolution. 1976-90
daily coverage with
gaps.

Destroy 25 years after depositing
in the Federal Records Center.

1903-14 DMSP/OLS Orbital
Swath Data 'Expanded'
images. 1:7.5
million scale
imagery obtained
from OLS, includes
both visible and
thermal infrared
channels. Orbital
swaths 3000 km wide
provide global
coverage two to four
times per day.

45 cm x 200 cm film
positives, 2.7 km
and limited 0.6 km
resolution. 1977-90
sporadic coverage.

Destroy 25 years after depositing
in the Federal Records Center.

1903-15 DMSP/OLS Polar
Projection
1:30million scale
images. Data
obtained from OLS,
includes both
visible and thermal
infrared channels.
Hemisphere mosaics
mapped into Polar
Stereographic
projections true at
60 degrees latitude,
providing global
coverage.

100 cm x 50 cm film
positives, 5.4 km
resolution. 1976-90
daily coverage with
gaps.

Destroy 25 years after depositing
in the Federal Records Center.

1903-16

DMSP/OLS Direct
Read-out images.
1:7.5 million scale
imagery obtained
from OLS directread-
out sites, includes
both visible and
thermalinfrared
channels. Local
area cover age
surrounding
directread-out
sites; Elmendorf
AFB, AK; San Diego,
CA.; Patrick AFB,
FL.; Hickam AFB,
HI.; Ramstein AFB,
Germany; Rota NAS,
Spain; RAF
Croughton, U.K.;
Lajes Field, Azores;
Clark AFB,
Philippines; Nimitz
Hill Station, Guam;
Kadena AFB, Okinawa;
Osan AFB, Korea;
Fuchu Yokota AFB,
Japan; Nakon Phanom,
Thailand; Howard
AFB, Canal Zone; USS
Constellation; USS
Ranger; USS
J.F.Kennedy; USS
Kitty Hawk.

40 cm x 20 cm film
positives, 0.6 km
resolution. 1973-90
sporadic to daily
coverage.

Permanent. Transfer to the
National Archives 25 years after
depositing in the Federal Records
Center.

1903-17

DMSP/OLS Orbital
Swath images. 1:7.5
million scale
imagery obtained
from OLS, includes
both visible and
thermal infrared
channels. Orbital

swaths 3000 km wide
provide global
coverage two to four
times per day.

100 cm x 20 cm film
positives, 2.7 km
resolution. 1973-90
daily coverage with
gaps.

Permanent. Transfer to the
National Archives 25 years after
depositing in the Federal Records
Center.

1903-18 DMSP/OLS
'Contoured' Thermal
Orbital Swath
images. 1:7.5
million scale
imagery obtained
from OLS is
contoured to high-
light various meteo-
rological phenomena,
non-routine
products. Orbital
swath coverage is
sporadic from 1978-
90.

100 cm x 20 cm film
positives, 2.7 km
resolution; 8500
pieces total.

Destroy 25 years after depositing
in the Federal Records Center.

1903-19 DMSP/OLS Auroral
Orbital Swath
images. 1:7.5
million scale
imagery obtained
from OLS visible
channel taken at
night which high-
lights the polar
aurora.

50 cm x 20 cm film
positives, 2.7 km
resolution; 4700
pieces total.

Permanent. Transfer to the
National Archives 25 years after
depositing in the Federal Records
Center.

1903-20 NOAA/AVHRR images
received at DMSP
ground station.
Global Area coverage
AVHRR images
acquired by DMSP

ground stations.
Coverage is sporadic
from 1980-90.

50 cm x 20 cm film
positives, 4.0 km
resolution; 11,000
pieces total.

Destroy 25 years after depositing
in the Federal Records Center.

1903-21

DMSP Digital
Electron and Ion
Density Data.

Electrons and ions
precipitating down
along magnetic field
lines at high lati-
tudes cause aurora.
DMSP satellites fly
above auroral lati-
tudes in polar, sun-
synchronous orbits
with an orbital
period of 101.5
minutes at an
inclination of 99
degrees.

Electrostatic
analyzers are
installed to measure
and monitor the
location of the
auroral zones and to
estimate the
intensity of the
influx of energy
flowing into the
upper atmosphere.

40 gigabytes of
digital data stored
on magnetic tapes.

DISPOSITION NOT AUTHORIZED
AT THIS TIME.

~~Permanent. Transfer to the
National Archives 25 years after
depositing in the Federal Records
Center.~~