

**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 | 5. TELEPHONE  
 David Clark | (303) 497-6474  
 Daisy Rivers | (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request, including amendments, is approved except for items that may be marked "disposition not approved" or "withdrawn" in column 10.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
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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 GRS OR SUPERSEDED JOB CITATION	10.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 <sup>NIA</sup> 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.~~