FLIGHT SUMMARY REPORT

Flight Number:	01-088		
Calendar/Julian Date:	21 June 2001 • 172		
Sensor Package:	Wild-Heerbrugg RC-10 Airborne Visible and Infrared Imaging Spectrometer (AVIRIS)		
Area(s) Covered:	Theodore Roosevelt National Park, ND		
Investigator(s):	Root, USGS	**Aircraft #:**	806

SENSOR DATA

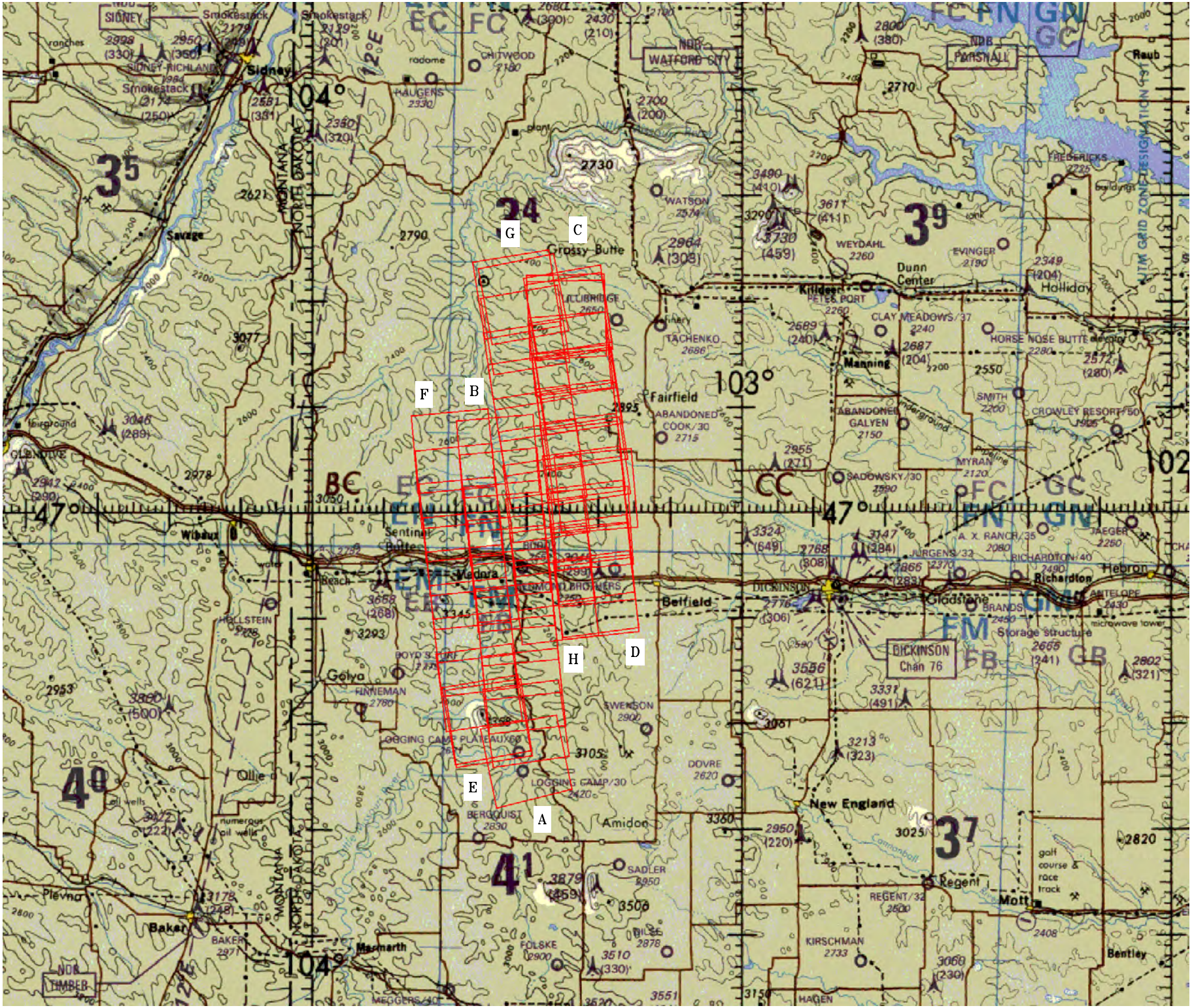
Accession #:	05615	-----
Sensor ID #:	076	099
Sensor Type:	RC-10	AVIRIS
Focal Length:	12” 304.89 mm	-----
Film Type:	Aerochrome IR SO-134	-----
Filtration:	Wratten 12	-----
Spectral Band:	510-900nm	-----
f Stop:	11	-----
Shutter Speed:	1/350	-----
# of Frames:	51	-----
% Overlap:	60	-----
Quality:	Excellent	-----
Remarks:	Subtract 7 seconds for correct UTC	

CAMERA FLIGHT LINE DATA
FLIGHT NO. 01-097

Accession # 05618

Sensor # 035

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	2363-2367	18:18:50	18:22:28	65100/19850	Clear
					Shutter malfunction, no data acquired for frame 2368
D - E	2369-2370	19:21:00	19:21:54	65200/19880	Clear
F - G	2371-2372	19:22:49	19:23:43	65000/19820	Clear
G	2373-2374	19:24:37	19:25:31	64500/19660	Clear; oblique frames acquired in turn
G - E	2375	19:26:25	19:26:25	63900/19480	Clear



A
B
C
D
E
F
G
H
Sidney
Savage
Grassy Butte
Fairfield
Manning
Dunn Center
Halliday
Killdeer
Belfield
Medora
Sentinel Butte
Wibaux
Golva
Ollie
Amidon
New England
Regent
Mott
Bentley
Baker
Marmarth
Plevna
Richardton
Hebron
Gladstone
DICKINSON
DICKINSON Chan 76
Storage structure
Storage structure
MONTANA
NORTH DAKOTA
104°
103°
47°