FLIGHT SUMMARY REPORT

Flight Number:	02-643		
Calendar/Julian Date:	22 July 2002 • 203		
Sensor Package:	Wild-Heerbrugg RC-10 Airborne Visible/Infrared Imaging Spectrometer (AVIRIS)		
Area(s) Covered:	Yosemite N.P. Sierra Nevada		
Investigator(s):	Root, USGS Dozier, UC Santa Barbara	**Aircraft #:**	806

SENSOR DATA

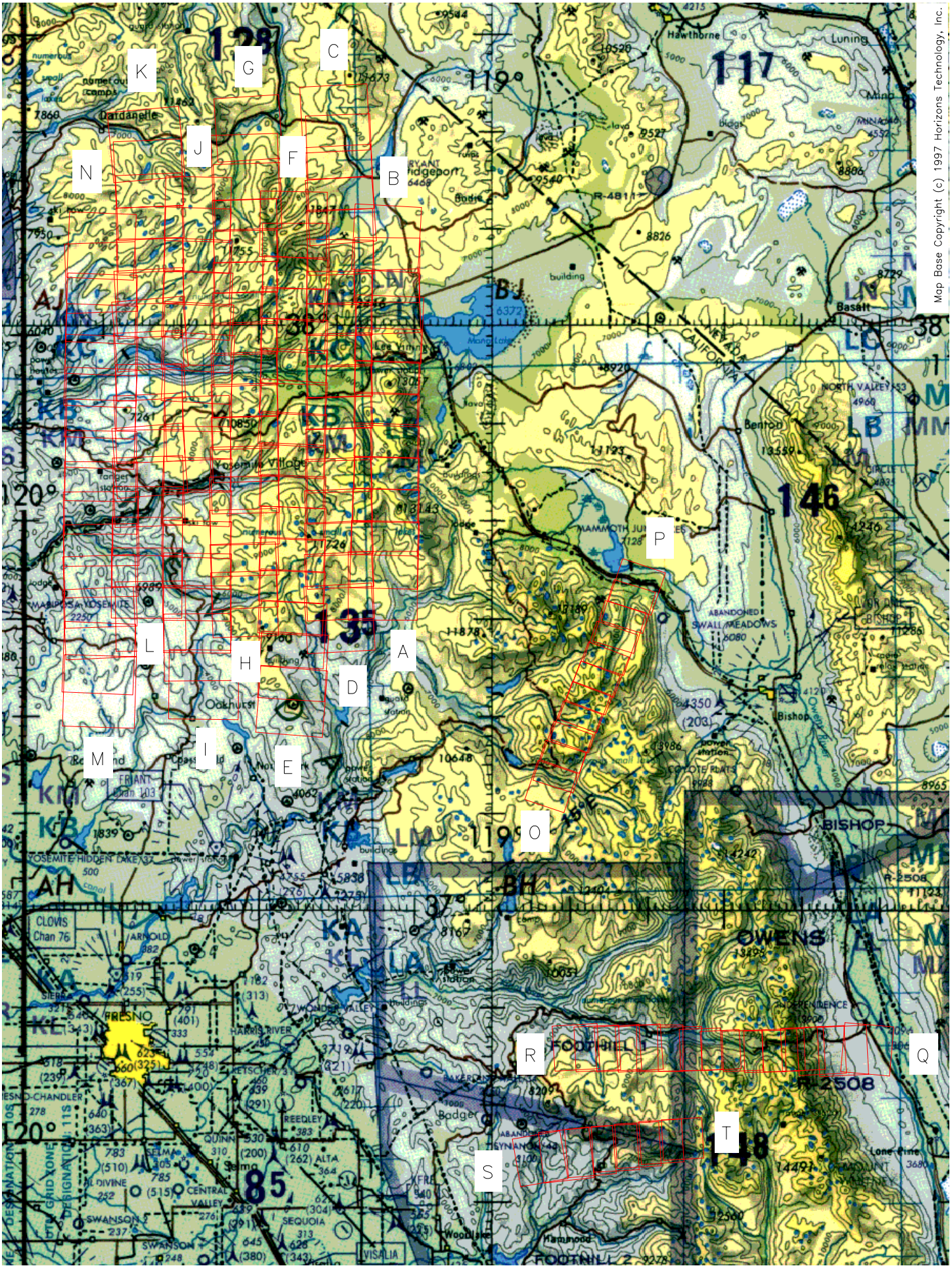
Accession #:	05695	------
Sensor ID #:	034	------
Sensor Type:	RC-10	AVIRIS
Focal Length:	12” 304.66 mm	------
Film Type:	Aerochrome IR SO-134	------
Filtration:	Wratten 12	------
Spectral Band:	510-900nm	------
f Stop:	11	------
Shutter Speed:	1/350	------
# of Frames:	163	------
% Overlap:	50-90%	------
Quality:	Excellent	------
Remarks:	Ran out of film	

CAMERA FLIGHT LINE DATA
FLIGHT NO. 02-643

Accession # 05695

Sensor # 034

Check Points	Frame Numbers	Time (GMT-hr, min, sec) START	Time (GMT-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
A - B	0311-0324	18:04:20	18:10:34	65000/19820	Clear, frames 0311-0312 oblique
C - D	0325-0343	18:13:35	18:21:48	65000/19820	Minor-10% cumulus frames 0325-0330; frames 0325-0326 oblique
E - F	0344-0361	18:24:40	18:32:24	65000/19820	Clear, frames 0344-0345 oblique
G - H	0362-0379	18:35:53	18:43:37	65000/19820	Clear, frames 0362-0363 oblique
I - J	0380-0397	18:47:02	18:54:46	65000/19820	Clear, frames 0380-0381 oblique
K - L	0398-0415	18:58:16	19:05:59	65000/19820	Clear
M - N	0416-0432	19:08:53	19:16:08	65000/19820	Clear, frames 0416-0417 oblique
O - P	0433-0445	19:32:53	19:38:13	45000/13720	Smoke throughout; frames 0433-0434 oblique
Q - R	0446-0463	19:49:34	19:57:17	45000/13720	Smoke throughout; approaches 100% obstruction frames 0455-0459; frames 0446-0448 oblique
S - T	0464-0473	20:00:46	20:04:40	45000/13720	Smoke throughout; approaches 100% obstruction frames 0472-0473; frames 0464-0466 oblique



RC–10

A/C 806

22 JULY 2002

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