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Airborne Instrumentation Research Project

Flight Summary Report

 Flight No.
 78-017

 Date
 14 February 1978

FSR- 1103

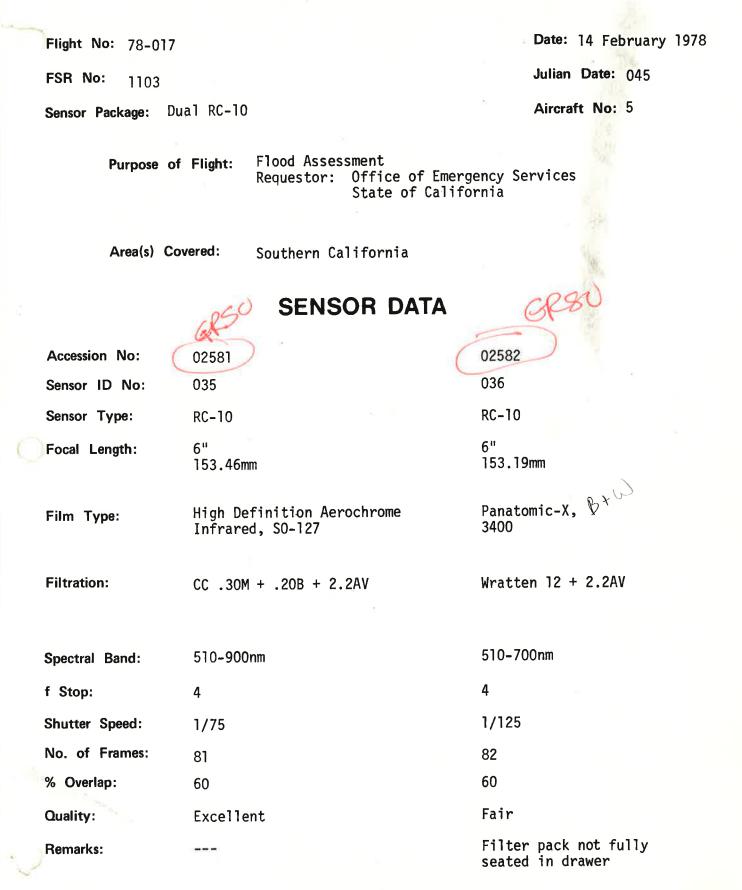




Ames Research Center Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT



FLIGHT SUMMARY

78-017

This flight was flown in support of the Office of Emergency Services, State of California, at the request of the Ventura County Flood Control District. Photographic data was acquired over the southern California coast between Los Angeles and Santa Barbara for flood assessment purposes (see Track Map).

Minor to moderate cumulus clouds were encountered over the mountainous areas around Los Angeles and Santa Barbara. Flight line A-B was shifted south to avoid heavy cumulus clouds. The 3400 film is rated only fair quality due to a shift of the filter pack within the filter drawer resulting in a density shift across the frame format. The SO-127 color infrared film is rated excellent quality. No other camera or processing malfunctions were noted.

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FLIGHT LINE DATA

FLIGHT NO. 78-017

	Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL	
			START	END	feet/meters	Cloud Cover/Remarks
RC-10 #035	⊶ A-B	5108-5122	20:39:50	20:51:57	65,000/19800	Heavy cumulus, frs. 5108-5109; minor cumulus, frs. 5110-5115, 5118-5122
	C-A	5123-5138	20:54:52	21:08:07	н	Minor cumulus, frs. 5123-5129, 5133-5135; heavy cumulus, frs. 5136-5138
	D-E	5139-5162	21:17:31	21:37:59	п	Minor cumulus, frs. 5139-5150, 5159-5162
	F-G	5163-5188	21:40:57	22:01:37	u	Moderate to minor cumulus, frs. 5163-5166
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RC-10 #036	А-В	4020-4034	20:39:50	20:51:57	65,000/19800	Heavy cumulus, frs. 4020-4021; minor cumulus, frs. 4022-4024, 4030-4034
	B-C	4035-4050	20:54:52	21:08:08	11	Minor cumulus, frs. 4035-4041, 4045-4047; heavy cumulus, frs. 4048-4050
	D-E	4051-4074	21:17:31	21:37:59	• п	Minor cumulus, frs. 4051-4062, 4071-4074
	F-G	4075-4101	21:40:57	22:01:38	н	Moderate to minor cumulus, frs. 4075-4079
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