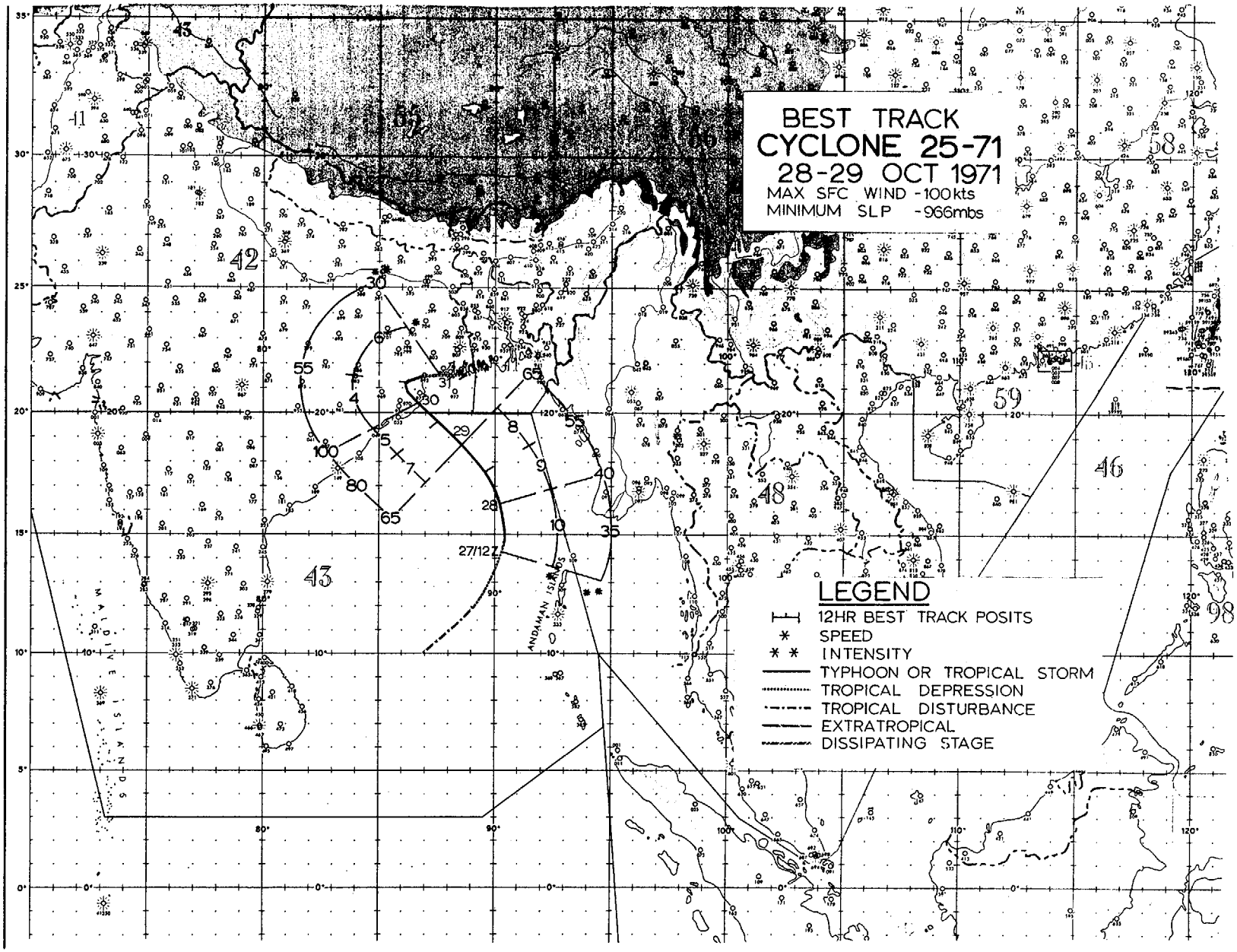
BEST TRACK
CYCLONE 25-71
28-29 OCT 1971
MAX SFC WIND -100kts
MINIMUM SLP -966mbs
LEGEND
12HR BEST TRACK POSITS
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
TROPICAL DISTURBANCE
EXTRATROPICAL
DISSIPATING STAGE
MALDIVE ISLANDS
ANDAMAN ISLANDS
27/12Z

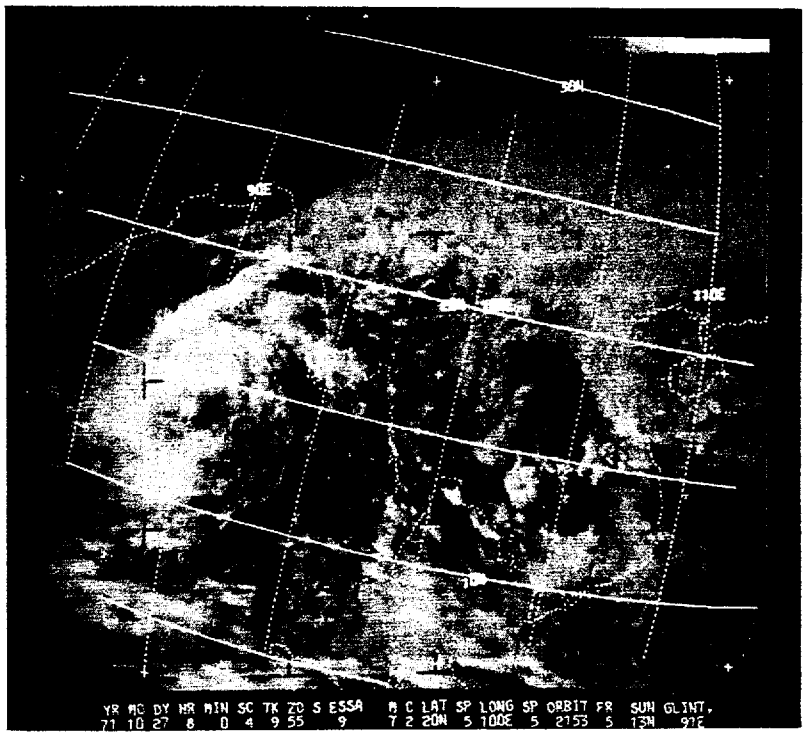

FIGURE B-1. ESSA-9 PHOTO OF THE FORMATIVE STAGES OF CYCLONE 25-71 IN THE BAY OF BENGAL ON 27 OCTOBER.

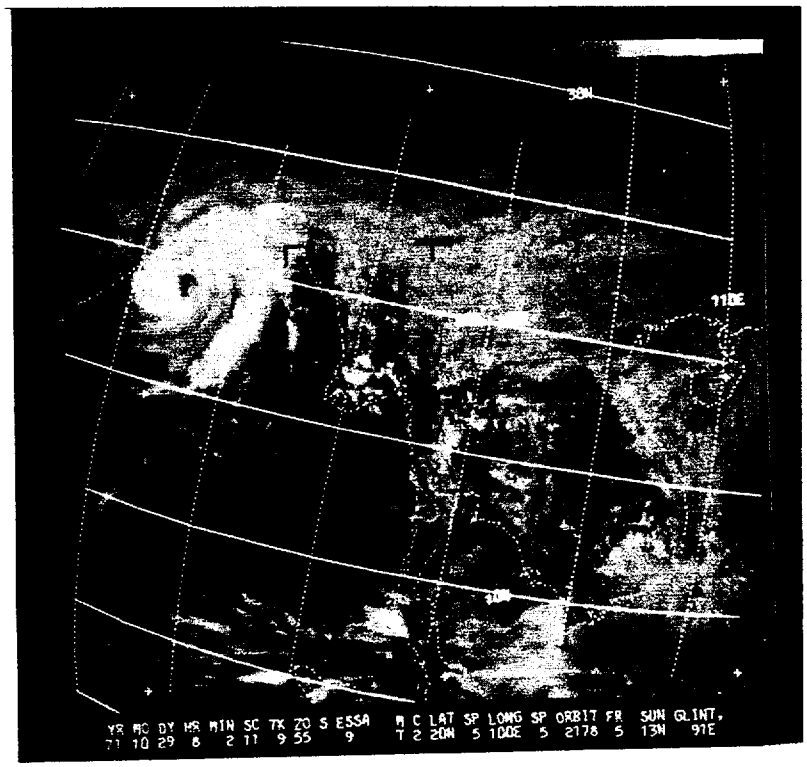

FIGURE B-2. CYCLONE 25-71 AS VIEWED BY ESSA-9 ON 29 OCTOBER BEFORE STRIKING THE INDIAN COAST NEAR CUTTACK.

EYE FIXES FOR TROPICAL CYCLONE 25-71
28 OCT - 29 OCT 71

FIX NO.	TIME	POSIT	UNIT - METHOD - ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700 MB HGT	FLT LVL TI/TO	EYE FORM	ORIEN-TATION	EYE DIA	THKN WALL CLD	REMARKS
1	260352Z	10.5N 87.6E	SATELLITE	WEAK CIRCULATION		----	----	------	-----	----	------	---	----	ESSA-8 DIEGO GARCIA IS.
2	270800Z	13.0N 90.0E	SATELLITE	STG B	-------	----	----	------	-----	----	------	---	----	FIRST BULLETIN
3	280245Z	16.6N 90.0E	54-P-10-15	700	40	40		3075	-----	----	------	40	----	NO RADAR PRESENTATION
4	280859Z	17.5N 90.0E	SATELLITE	STG X	DIA 3.5	CAT 2	----	------	-----	----	------	---	----	ESSA-9
5	290300Z	18.8N 87.0E	54-P-----	700	-------	50	----	------	-----	----	------	---	----	PRELIMINARY FIX
6	290530Z	19.2N 87.9E	54-P-02-05	700	65	50	989	2935	12/10	CIRC	------	30	----	WALL CLD POORLY DEF
7	290802Z	19.0N 87.3E	SATELLITE	STG X	DIA 2.5	CAT 3	----	------	-----	----	------	---	----	ESSA-9

POSITION FROM BEST TRACK AND VERIFICATION DATA
25-71 BAY OF BENGAL

TIME	STORM POSIT LAT	STORM POSIT LONG	24HR ERROR DEG/DIST	48HR ERROR DEG/DIST
280000Z	16.2N	90.2E		
281200Z	17.8N	89.5E		
290000Z	18.9N	88.4E	087°/107 MI	
291200Z	19.7N	87.4E	077°/181 MI	
300000Z	20.7N	86.8E	105°/128 MI	076°/244 MI

AVG 24 HOUR FORECAST ERROR - 139 MI

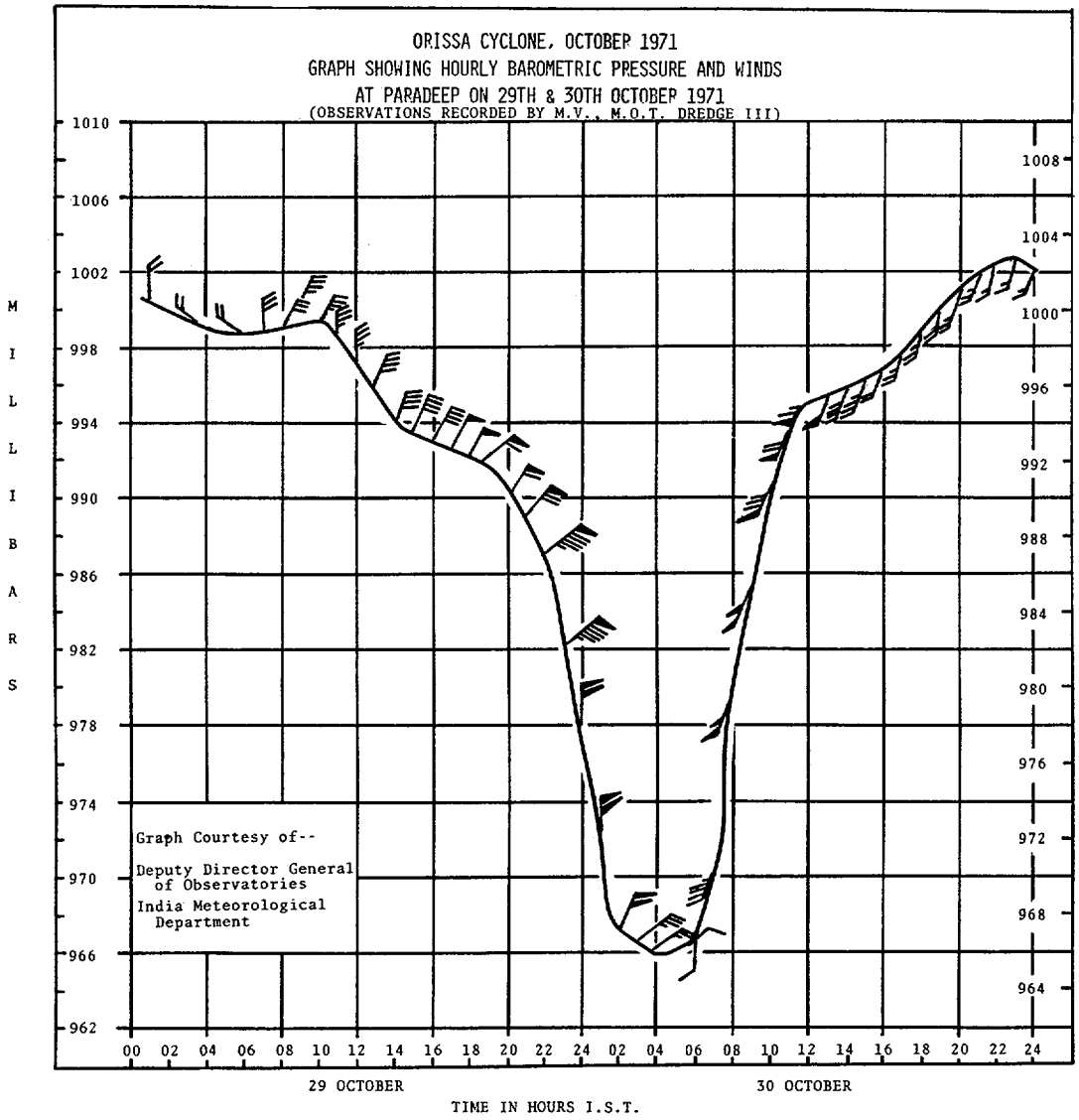

FIGURE B-2a

CYCLONE 27-71
041200Z NOV TO 061200Z NOV

I. DATA

A. STATISTICS

1. NUMBER OF WARNINGS ISSUED - 5
2. NUMBER OF WARNINGS WITH CYCLONE INTENSITY - 2
3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 663 N MI

B. CHARACTERISTICS

1. MINIMUM OBSERVED SLP - N/A
2. MINIMUM OBSERVED 700 MB HEIGHT - 3018 M
3. MAXIMUM SURFACE WIND - 70 KT
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - N/A

II. DEVELOPMENT

A. INITIAL IMPETUS - N/A
B. INITIAL SURFACE VORTEX - 04 NOV 1971
C. DATE STORM REACHED CYCLONE FORCE WINDS - 06 NOV 1971

III. FINAL DISPOSITION

A. DISSIPATED OVER LAND