

RCV21277

10:19 08/12/85

MIATCDAT4

TTAA00 KNHC 121016

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL DEPRESSION DISCUSSION TROPICAL DEPRESSION FOUR
NATIONAL WEATHER SERVICE MIAMI FL

530 AM EDT MON AUG 12 1985

ATTN WSFOS NMC F/D

AN AIR FORCE RECONNAISSANCE AIRCRAFT FOUND A CLOSED CIRCULATION
NEAR 18.6N 82.1W AT 12/0817Z WITH A MINIMUM SURFACE PRESSURE OF
1010 MB. HIGHEST WINDS ARE 25 KT. THUS A TROPICAL DEPRESSION HAS
FORMED IN THE TROPICAL WAVE THAT HAS BEEN MOVING ACROSS THE
CARIBBEAN SEA DURING THE PAST COUPLE OF DAYS.

ENVIRONMENTAL CONDITIONS FAVOR STRENGTHENING TO A TROPICAL STORM
WITHIN THE NEXT 12 HOURS AND COMPUTES INDICATE THAT THE SYSTEM
WILL LIKELY PASS THROUGH THE YUCATAN CHANNEL INTO THE GULF OF
MEXICO.

GERRISH

PRELIMINARY PROG POSITIONS

INITIAL	12/1000Z	19.0N 82.5W
12 HR VT	12/1800Z	20.0N 84.0W
24 HR VT	13/0600Z	21.5N 85.5W
48 HR VT	14/0600Z	23.5N 87.5W
72 HR VT	15/0600Z	26.0N 89.0W

NNNN

MIATCDAT4

TTAA00 KNHC 121555

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL DEPRESSION DISCUSSION TROPICAL DEPRESSION FOUR

NATIONAL WEATHER SERVICE MIAMI FL

1130 AM EDT MON AUG 12 1985

ATTN WSFOS NMC F/D

REPORTS FROM AN AIR FORCE PLANE THIS MORNING SHOW THAT THE DEPRESSION IS STILL VERY DISORGANIZED EVEN THOUGH CONDITIONS ALOFT REMAIN VERY FAVORABLE FOR STRENGTHENING. THE SYSTEM COULD BECOME A STORM WITHIN THE NEXT 24 HOURS.

WITH THWE RIDGE BUILDING OVER THE SOUTHEASTERN U.S. ALOFT AND AT THE SURFACE DURING THE NEXT 24 TO 48 HOURS...THE SYSTEM IS EXPECTED TO CONTINUE MOVING TOWARDS THE NORTHWEST. ALL OF THE OBJECTIVE COMPUTES AGREE ON THIS TRACK.

FRANK

PRELIMINARY PROG POSITIONS

INITIAL	12/1600Z	20.5N 83.0W
12 HR VT	13/0000Z	21.2N 84.2W
24 HR VT	13/1200Z	22.5N 86.0W
48 HR VT	14/1200Z	24.0N 87.0W
72 HR VT	15/1200Z	26.0N 90.0W

RCV21366

21:44 08/12/85

MIATCDAT4

TTAA00 KNHC 122140

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL DEPRESSION DISCUSSION TROPICAL DEPRESSION FOUR

NATIONAL WEATHER SERVICE MIAMI FL

530 PM EDT MON AUG 12 1985

ATTN WSFOS NMC F/D

THE LOW LEVEL STRUCTURE OF THE DEPRESSION IN THE NORTHWESTERN CARIBBEAN REMAINS DISORGANIZED EVEN THOUGH CONDITIONS IN THE UPPER ATMOSPHERE ARE VERY FAVORABLE FOR STRENGTHENING. IT APPEARS THE MISSING PARAMETER IS LOW LEVEL INFLOW.

ALL OF THE OBJECTIVE COMPUTES SHOW MOTION TOWARDS THE NORTHWEST AND THIS IS CONSISTENT THE WEAK RIDGING ALONG THE SOUTHEASTERN U.S.

FRANK

PRELIMINARY PROG POSITIONS

INITIAL	12/2200Z	21.3N	83.5W
12 HR VT	13/0600Z	22.0N	85.0W
24 HR VT	13/1800Z	23.5N	86.5W
48 HR VT	14/1800Z	25.5N	89.0W
72 HR VT	15/1800Z	28.5N	91.5W

RCV21391

04:30 08/13/85

MIATCDAT4

TTAA00 KNHC 130429

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL DEPRESSION DISCUSSION TROPICAL DEPRESSION FOUR

NATIONAL WEATHER SERVICE MIAMI FL

1130 PM EDT MON AUG 12 1985

ATTN WSFOS NMC F/D

SATELLITE PICTURES INDICATE CONCENTRATED CONVECTION BUT RECON
SHOWS DISORGANIZED LOW LEVEL CENTER. SYSTEM IS CENTERED NEAR
SOUTHWEST COAST OF CUBA WITH PORTIONS OVER LAND WHICH MAY BE
SLOWING DEVELOPMENT. COULD REACH TROPICAL STORM STRENGTH ANY TIME
WITH FURTHER STRENGTHENING LIKELY LATER TODAY IN THE SOUTHEAST
GULF OF MEXICO. COMPUTES AND MFM SHOW GENERAL MOTION TOWARD
NORTHWEST WHICH IS CONSISTENT WITH RIDGING ALONG SOUTHEASTERN U.S.

RECON WILL CONTINUE TO MONITOR SYSTEM

SHEETS

PRELIMINARY PROG POSITIONS

INITIAL	13/0400Z	21.5N	84.0W
12 HR VT	13/1200Z	22.5N	85.5W
24 HR VT	14/0000Z	24.0N	87.0W
48 HR VT	15/0000Z	26.5N	89.5W
72 HR VT	16/0000Z	30.0N	91.0W

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MIATCDAT4

TTAA00 KNHC 130941

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL DEPRESSION DISCUSSION TROPICAL DEPRESSION FOUR
NATIONAL WEATHER SERVICE MIAMI FL
530 AM EDT TUE AUG 13 1985

ATTN WSFOS NMC F/D

WITH CENTER IN CUBAN AIR SPACE...RECON CAN ONLY MONITOR PERIPHERAL
WINDS. CENTRAL COLD COVER...BURSTING...ON SATELLITE PICTURES AND
POSITION OVER LAND WITH ONLY WEAK INFLOW IS LIKELY RETARDING
STRENGTHENING IN THE OTHERWISE HIGHLY FAVORABLE ENVIRONMENT. EXPECT
DEPRESSION TO BECOME A TROPICAL STORM TODAY AS IT MOVES OVER THE
WARM GULF WATER.

FORECAST TRACK CONTINUES NORTHWEST MOTION AT 10 KT WITH A GRADUAL
NORTHWARD TURN AFTER 24 HOURS IN RESPONSE TO RIDGING ALONG
SOUTHEASTERN US COAST.

GERRISH

PRELIMINARY PROG POSITIONS

INITIAL	13/1000Z	22.5N 84.8W
12 HR VT	13/1800Z	23.5N 86.0W
24 HR VT	14/0600Z	25.0N 87.0W
48 HR VT	15/0600Z	27.5N 88.0W
72 HR VT	16/0600Z	30.0N 88.5W

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NNNN

RCV21438

15:47 08/13/85

MIATCDAT4

TTAA00 KNHC 131545

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL DEPRESSION DISCUSSION TROPICAL DEPRESSION FOUR

NATIONAL WEATHER SERVICE MIAMI FL

1130 AM EDT TUE AUG 13 1985

ATTN WSFOS NMC F/D

RECON REPORTS EARLY THIS MORNING AND SATELLITE PICTURES SHOW THE DEPRESSION JUST OFF THE WEST TIP OF CUBA REMAINS VERY DISORGANIZED. EVENTHOUGH UPPER PATTERN IS FAVORABLE FOR DEVELOPMENT...THE LACK OF LOW LEVEL INFLOW HAS DELAYED STRENGTHENING AND UNTIL THIS CHANGES THE EXPECTED INTENSIFICATION IS IN QUESTION.

THE NEW FORECAST TRACK HAS BEEN ADJUSTED SLIGHTLY TO THE LEFT AND THE SYSTEM IS EXPECTED TO CONTINUE MOVING TOWARDS THE NORTHWEST 10 TO 15 MPH.

FRANK

PRELIMINARY PROG POSITIONS

INITIAL	13/1600Z	22.5N 86.0W
12 HR VT	14/0000Z	23.5N 87.0W
24 HR VT	14/1200Z	25.0N 88.0W
48 HR VT	15/1200Z	28.0N 89.5W
72 HR VT	16/1200Z	31.0N 90.0W

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MIATCDAT4

TTAA00 KNHC 132130

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL CYCLONE DISCUSSION TROPICAL STORM DANNY

NATIONAL WEATHER SERVICE MIAMI FL

430 PM CDT TUE AUG 13 1985

ATTN WSFOS NMC F/D

REPORTS FROM AN AIR FORCE PLANE THIS AFTERNOON SHOW A BROAD BAND OF 40 TO 45 KT WINDS NORTH OF THE CENTER. EVEN THOUGH A CENTRAL PRESSURE OF 1011 MB DOES NOT SUPPORT SUSTAINED 45 KT WINDS...GRADUALLY STRENGTHENING SEEMS REASONABLE AND THE SYSTEM IS BEING UPGRADED TO TROPICAL STORM DANNY.

THE NEW FORECAST TRACK IS A LITTLE FASTER THAN THE PREVIOUS VERSION AND BRINGS THE STORM OR HURRICANE TO THE COAST IN 36 TO 48 HOURS. GALE WARNINGS AND A HURRICANE WATCH WILL BE ISSUED AT 6 PM EDT FROM PORT ARTHUR TEXAS TO MOBILE.

FRANK

PRELIMINARY PROG POSITIONS

INITIAL	13/2200Z	23.5N 87.5W
12 HR VT	14/0600Z	25.0N 88.5W
24 HR VT	14/1800Z	26.5N 89.0W
48 HR VT	15/1800Z	31.0N 90.0W
72 HR VT	16/1800Z	INLAND.

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WEAX

MSG 620 RCVD USCG 08:13:21:34:35

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RCV20007

04:07 08/14/85

MIATCDAT4

TTAA00 KNHC 140325

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL CYCLONE DISCUSSION TROPICAL STORM DANNY
NATIONAL WEATHER SERVICE MIAMI FL
1130 PM EDT TUE AUG 13 1985

ATTN WSFOS NMC F/D

SATELLITE PICTURES INDICATE THAT TROPICAL STORM DANNY IS DEVELOPING SOME CONCENTRATED CONVECTION NEAR THE CENTER. THE LAST RECON INDICATED A SLIGHT DROP IN PRESSURE TO 1009 MB. THE NEXT RECON WILL BE IN THE STORM AT 06Z WITH CONTINUOUS MONITORING FROM THEN TO LANDFALL.

THE RECON AND SATELLITE POSITIONS ALSO INDICATE THAT THE STORM MAY BE MOVING A LITTLE FASTER THAN THE PREVIOUS TRACK WITH POTENTIAL LANDFALL WITHIN 24 TO 36 HOURS. SOME COMPUTES TAKE THE SYSTEM A LITTLE MORE WEST THAN THE PREVIOUS TRACK BUT THE RIDGE SHOULD START TO RECEDE TO THE EAST IN 24 HOURS AS REFLECTED IN THE MFM FORECAST TRACK. WE WILL CONTINUE ON THAT GENERAL COURSE.

SHEETS

PRELIMINARY PROG POSITIONS

INITIAL	14/0400Z	24.5N 88.5W
12 HR VT	14/1200Z	26.0N 89.5W
24 HR VT	15/0000Z	28.5N 90.5W
48 HR VT	16/0000Z	33.5N 91.0W
72 HR VT	17/0000Z	INLAND.

NNNN

RCV20026

09:43 08/14/85

MIATCDAT4

TTAA00 KNHC 140936

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL CYCLONE DISCUSSION TROPICAL STORM DANNY
NATIONAL WEATHER SERVICE MIAMI FL
530 AM EDT WED AUG 14 1985

ATTN WSFOS NMC F/D

LATEST RECON REPORTS AND SATELLITE PICTURES INDICATE THAT STORM CENTER MAY BE MOVING SLIGHTLY TO THE LEFT OF PREVIOUS FORECAST TRACK PERHAPS IN RESPONSE TO HEIGHT RISES TO THE NORTH. GENERAL MOTION IS STILL TO THE NORTHWEST BUT AT 12 KT. PRESENT FORECAST TRACK HEAVILY INFLUENCED BY MFM AND SANBAR BUT THERE IS STILL UNCERTAINTY CONCERNING WHEN THE NORTHWARD TURN WILL OCCUR.

ENVIRONMENT IS STILL FAVORABLE FOR STRENGTHENING AND IT IS POSSIBLE FOR DANNY TO LANDFALL AS A HURRICANE. LOWEST PRESSURE REPORTED BY RECON IS 1004 MB THUS STRENGTHENING HAS NOT BEEN DRAMATIC.

GERRISH

PRELIMINARY PROG POSITIONS

INITIAL	14/1000Z	25.0N	89.8W
12 HR VT	14/1800Z	26.3N	90.8W
24 HR VT	15/0600Z	28.3N	92.0W
48 HR VT	16/0600Z	33.0N	91.5W INLAND

RCV20060

16:26 08/14/85

MIATCDAT4

TTAA00 KNHC 141559

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL CYCLONE DISCUSSION TROPICAL STORM DANNY

NATIONAL WEATHER SERVICE MIAMI FL

1130 AM EDT WED AUG 14 1985

ATTN WSFOS NMC F/D

THE EXPECTED TURN TOWARDS THE NORTH SEEMS UNLIKELY AS RIDGING SURFACE AND ALOFT IS FORECAST TO REMAIN OVER THE SOUTHEASTERN U.S.. THE NEW FORECAST TRACK HAS BEEN ADJUSTED WESTWARD AND MAY BE EXTENDED MORE WESTWARD THIS AFTERNOON.

THERE IS STILL NO EVIDENCE OF SIGNIFICANT STRENGTHENING. THE LOW LEVEL INFLOW REMAINS WEAK AS REVEALED BY SOUTHERLY COMPONENT OF THE LOW LEVEL WINDS ALONG THE TEXAS AND LOUISIANA COASTS. HOWEVER IT IS MID AUGUST AND THE GULF WATERS ARE VERY WARM AND WE WOULD NOT BE SURPRISED IF DANNY BECOMES A HURRICANE BEFORE REACHING THE COAST THURSDAY.

FRANK

PRELIMINARY PROG POSITIONS

INITIAL	14/1600Z	25.3N 91.0W
12 HR VT	15/0000Z	26.5N 92.0W
24 HR VT	15/1200Z	28.5N 93.5W
48 HR VT	16/1200Z	33.5N 95.0W
72 HR VT	17/1200Z	INLAND.

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RCV20104

21:58 08/14/85

MIATCDAT4

TTAA00 KMIA 142151

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL CYCLONE DISCUSSION HURRICANE DANNY

NATIONAL WEATHER SERVICE MIAMI FL

530 PM EDT WED AUG 14 1985

ATTN WSFOS NMC F/D

NOAA RECON REPORTED 65 KT WINDS AT 5000 FT AND 1002 MB SURFACE PRESSURE WHICH QUALIFIES DANNY AS A MINIMAL HURRICANE. HURRICANE WARNINGS ARE NOW POSTED FROM FREEPORT TEXAS TO THE MOUTH OF THE MISSISSIPPI RIVER.

THE HURRICANE MOVEMENT IS ESTIMATED TO BE 320/12. THE MFM TRACK MODE 12Z FORECAST SHOWS DANNY MOVING DUE NORTH AT 36 HOURS...SO THERE REMAINS SOME QUESTION AS TO PRECISE LANDFALL LOCATION.

GALE FORCE WINDS EXTEND OUT 100 MILES. LANDFALL IS EXPECTED IN ABOUT 24 HOURS IF PRESENT MOTION CONTINUES. GALES COULD ARRIVE 8 HOURS EARLIER.
LAWRENCE

PRELIMINARY PROG POSITIONS

INITIAL	14/2200Z	26.5N 91.3W
12 HR VT	15/0600Z	28.0N 92.5W
24 HR VT	15/1800Z	30.0N 93.5W
48 HR VT	16/1800Z	35.0N 93.5W
72 HR VT	17/1800Z	INLAND.

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RCV20154

04:06 08/15/85

MIATCDAT4

TTAA00 KNHC 150328

...FOR INTRAGOVERNMENTAL USE ONLY...
TROPICAL CYCLONE DISCUSSION HURRICANE DANNY
NATIONAL WEATHER SERVICE MIAMI FL
1130 PM EDT WED AUG 14 1985

ATTN WSFOS NMC F/D

RECON AND SATELLITE FIXES INDICATE HURRICANE IS MOVING 330/11
AND THIS COURSE SHOULD BRING THE CENTER TO THE COAST IN 12 TO 15
HOURS NEAR THE CENTER OF THE WARNING AREA. SINCE GALES EXTEND
125 MILES EAST OF THE CENTER...GALE WARNINGS AND A HURRICANE WATCH
ARE EXTENDED EASTWARD TO PENSACOLA.

CENTRAL PRESSURE AT 15/0234Z WAS 999 MB...SO INTENSITY REMAINS ABOUT
THE SAME...BUT DANNY HAS THE POTENTIAL TO FURTHER STRENGTHEN BEFORE
LANDFALL.

LAWRENCE

PRELIMINARY PROG POSITIONS

INITIAL	15/0400Z	27.4N 91.6W
12 HR VT	15/1200Z	28.8N 92.0W
24 HR VT	16/0000Z	31.0N 92.5W
48 HR VT	17/0000Z	35.5N 93.0W
72 HR VT	18/0000Z	INLAND.

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NNNNZCZC TMA156 151017

GG MACCYM KMIAYM

151014 KMIAYM

SUP

TROPICAL CYCLONE DISCUSSION HURRICANE DANNY

NATIONAL WEATHER SERVICE MIAMI FL

530 AM EDT THU AUG 15 1985

ATTN WSFOS NMC F/D

RECON REPORTS INDICATE HURRICANE IS TRACKING NORTH NORTHWEST BUT RADAR AND SATELLITE SHOW A TENDENCY TO THE LEFT OF THAT COURSE. FORECAST TRACK PUTS DANNY NEAR LAKE CHARLES IN 12 HOURS WITH CENTER CROSSING THE COAST MID TO LATE MORNING TODAY. RECON REPORTS SHOW THAT SYSTEM HAS DEEPEDED SLIGHTLY TO 993 MB DURING THE NIGHT AND SOME FURTHER STRENGTHENING IS POSSIBLE PRIOR TO LANDFALL. HIGHEST WINDS ARE NOW 70 KT.

GERRISH

PRELIMINARY PROG POSITIONS

INITIAL	15/1000Z	28.8N 92.5W
12 HR UT	15/1800Z	30.3N 93.2W
24 HR UT	16/0600Z	33.0N 93.0W INLAND

ZCZC 102

MIATCDAT4

TTAA00 KNHC 151547

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL CYCLONE DISCUSSION HURRICANE DANNY

NATIONAL WEATHER SERVICE MIAMI FL

1130 AM EDT THU AUG 15 1985

ATTN WSFOS NMC F/D

HURRICANE CENTER IS MOVING ONSHORE NEAR PECAN ISLAND ABOUT 50 MILES SOUTHEAST OF LAKE CHARLES. LOWEST PRESSURE FROM RECON JUST AS CENTER WAS GOING ONSHORE WAS 987 MB.

APPEARS AS THOUGH SYSTEM WILL NOW MOVE NORTH NEXT 24 HOURS AND WEAKEN IN THE PROCESS. WARNINGS WILL REMAIN SAME AS 1300Z ADVISORY AND WILL BE ADDRESSED AT 1900Z.

CASE

PRELIMINARY PROG POSITIONS

INITIAL	15/1600Z	29.5N	92.7W	
12 HR VT	16/0000Z	31.0N	93.0W	INLAND

RCV20270

21:56 08/15/85

MIATCDAT4

TTAA00 KNHC 152124

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL CYCLONE DISCUSSION HURRICANE DANNY

NATIONAL WEATHER SERVICE MIAMI FL

530 PM EDT THU AUG 15 1985

ATTN WSFOS NMC F/D

HURRICANE CENTER HAS MOVED WELL INLAND. THE EYE IS BREAKING UP.
COURSE IS NOW NORTH NEAR 10 KTS. COMPUTES INDICATE NORTH TRACK WITH
TURN TOWARD NE IN 12 TO 24 HOURS.

WEAKENING IS TAKING PLACE BUT STRONG WINDS ARE STILL BEING REPORTED
ON RIGS ALONG THE COAST AS WELL AS IN SQUALLS ALONG THE COAST.
WARNINGS WILL BE DISCONTINUED LATE TONIGHT OR EARLY FRIDAY MORNING.

SHEETS

PRELIMINARY PROG POSITIONS

INITIAL	15/2200Z	30.5N 92.6W
12 HR VT	16/0600Z	32.5N 92.0W
24 HR VT	16/1800Z	34.5N 90.0W
48 HR VT	17/1800Z	INLAND.

NNNN

ZCZC 127

MIATCDAT4

TTAA00 KNHC 160318

...FOR INTRAGOVERNMENTAL USE ONLY...

TROPICAL CYCLONE DISCUSSION TROPICAL STORM DANNY

NATIONAL WEATHER SERVICE MIAMI FL

1130 PM EDT THU AUG 15 1985

ATTN WSFOS NMC F/D

DANNY HAS FALLEN BELOW HURRICANE STRENGTH AS IT CONTINUES INLAND. SINCE THERE ARE STILL RAINBAND ECHOS OVER THE WATER...DANNY WILL RETAIN TROPICAL STORM STATUS AND GALE WARNINGS WILL BE CONTINUED ALONG LOUISIANA COAST UNTIL NEXT ADVISORY.

DANNY IS NOW MOVING TOWARD NORTH NORTHEAST AT 10 KT BASED ON SYNOPTIC REPORTS AND RADAR:

LAWRENCE

PRELIMINARY PROG POSITIONS

INITIAL	16/0400Z	31.5N 92.3W
12 HR VT	16/1200Z	33.0N 91.5W INLAND
24 HR VT	17/0000Z	35.0N 89.0W INLAND

NNNN