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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN:

Prepared by the Hurricane Research Division File: current1.ftk

Aircraft: N49RF Altitude: FL410-450 Proposed takeoff: 29/1800Z

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TRACK DISTANCE TABLE

#	LAT (d m)	LON (d/m)	RAD/AZM (nm/dg)	LEG (nm)	TOTAL (nm)	TIME (h:mm)
0	MACDILL			0.	0.	0:00
1	26 44	83 32		86.	86.	0:22
2	28 30	84 06		110.	196.	0:37
3	28 00	87 00		157.	353.	0:58
4	27 00	89 00		122.	475.	1:15
5	26 00	91 00		123.	598.	1:31
6	28 00	93 00		161.	759.	1:53
7	28 00	95 00		106.	865.	2:07
8	26 00	95 00		120.	986.	2:24
9	24 00	96 00		132.	1118.	2:42
10	23 00	94 00		126.	1243.	2:59
11	24 00	92 00		126.	1369.	3:16
12	23 30	90 00		114.	1483.	3:31
13	23 00	88 00		114.	1597.	3:47
14	25 00	88 00		120.	1717.	4:03
15	25 00	85 00		163.	1881.	4:25
16	23 00	84 00		132.	2013.	4:43
17	23 17	79 52	80 00	229.	2242.	5:14
18	25 00	78 00		146.	2388.	5:34
19	26 44	78 40		111.	2498.	5:49
20	28 30	78 06		110.	2608.	6:04
21	28 00	76 00		115.	2724.	6:20
22	30 00	76 00		120.	2844.	6:36
23	32 00	75 00		131.	2975.	6:54
24	32 00	77 00		102.	3077.	7:08
25	30 16	78 40		135.	3212.	7:26
26	31 21	80 10		101.	3313.	7:40
27	MACDILL			244.	3557.	8:23

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DROP LOCATIONS

#	LAT (d m)	LON (d m)	RAD/AZM (nm/dg)	TIME (h:mm)
1	26 44	83 32		0:22
2	28 30	84 06		0:37
3	28 00	87 00		0:58
4	27 00	89 00		1:15
5	26 00	91 00		1:31
6	28 00	93 00		1:53
7	28 00	95 00		2:07
8	26 00	95 00		2:24
9	24 00	96 00		2:42
10	23 00	94 00		2:59
11	24 00	92 00		3:16
12	23 30	90 00		3:31
13	23 00	88 00		3:47
14	25 00	88 00		4:03
15	25 00	85 00		4:25
16	23 00 30	84 00		4:43
17	23 17 30	79 52 00 00		5:14
18	25 00	78 00		5:34
19	26 44	78 40		5:49
20	28 30	78 06		6:04
21	28 00	76 00		6:20
22	30 00	76 00		6:36
23	32 00	75 00		6:54
24	32 00	77 00		7:08
25	30 16	78 40		7:26
26	31 21	80 10		7:40

TCDAT5

TROPICAL DEPRESSION ERNESTO DISCUSSION NUMBER 25
NWS TPC/NATIONAL HURRICANE CENTER MIAMI FL AL052006
500 PM EDT WED AUG 30 2006

THE CENTER OF CIRCULATION HAS CONTINUED TO MOVE NORTHWARD ALONG THE FLORIDA PENINSULA PRODUCING INTERMITTENT BURSTS OF CONVECTION AND A FEW RAINBANDS. SURFACE OBSERVATIONS INDICATE THAT WINDS REMAIN ABOUT 30 KNOTS WITH A FEW STRONGER GUSTS. THE CLOUD PATTERN IS STILL ORGANIZED AND THERE IS A WELL-DEFINED CIRCULATION. THEREFORE...ERNESTO HAS THE POTENTIAL TO RE-INTENSIFY SLIGHTLY ONCE IT MOVES OVER THE ATLANTIC WATERS TONIGHT AS SUGGESTED BY GUIDANCE.

ERNESTO IS MOVING NORTHWARD OR 010 DEGREES AT 12 KNOTS AND SOON IT WILL BE EMBEDDED WITHIN THE SOUTH-SOUTHWESTERLY FLOW ASSOCIATED WITH A TROUGH OVER THE GULF OF MEXICO. ON THIS TRACK..THE CENTER OF ERNESTO WILL BE OVER THE ATLANTIC TONIGHT AND NEARING THE SOUTH CAROLINA COAST ON THURSDAY. TRACK MODELS ARE CLUSTERED AND BRING ERNESTO TO THE SOUTH CAROLINA COAST BETWEEN 24 AND 36 HOURS. BECAUSE THE TROPICAL STORM FORCE WINDS ARE EXPECTED TO EXPAND ON THE EASTERN SEMICIRCLE... THE TROPICAL STORM WARNING HAS BEEN EXTENDED EASTWARD TO CAPE LOOKOUT. ONCE INLAND AND BEYOND 48 HOURS...ERNESTO SHOULD BEGIN TO INTERACT WITH A FRONTAL SYSTEM AND BECOME EXTRATROPICAL.

FORECAST POSITIONS AND MAX WINDS

INITIAL	30/2100Z	27.6N	80.8W	30 KT
12HR VT	31/0600Z	29.5N	80.4W	35 KT...INLAND
24HR VT	31/1800Z	32.4N	79.7W	45 KT
36HR VT	01/0600Z	35.0N	79.0W	30 KT...INLAND
48HR VT	01/1800Z	37.5N	78.5W	25 KT...EXTRATROPICAL
72HR VT	02/1800Z	43.5N	80.0W	25 KT...EXTRATROPICAL
96HR VT	03/1800Z	...ABSORBED BY A FRONT		

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FORECASTER AVILA