

19980928 I1 DROPS

HRD Dropwindsonde Scientist Log (Revised 7/98)

Storm GEORGES  
 Flight ID 980928I  
 Mission ID WX07A GEORGES

Dropsonde Scientist(s) FRANKLIN  
 AVAPS Operator(s) SMITH, HORNBIROOK, LYNCH

Page 1 of       
 Takeoff 090742 UTC  
 Landing      UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
1	974730127	093555	28.45	84.46	645.9	3843	6.6	73	206/15	B42036/ TELEH FAILED	X	X
2	974510071	093850	28.50	84.69	645.8	3841	6.5	70	207/16	B42036/	✓	✓
3	973720050	095623	28.82	86.01	646.4	3808	5.9	80	195/23	42039/RH2	✓	✓
4	981750069	100935	29.74	85.41	789.0	2148	14.9	79	178/24	NEW FROM FACTORY - NOT BURNED	✓	✓
5	983310208	103203	30.2	87.0	784.6	2133	15.0	93	182/34	NEAR RAINBAND	✓	✓
6	981830038	104647	30.30	88.1	780.7	2067	15.2	98	176/39	OPCAL/RAINBAND	✓	✓
7	983310202	105314	30.3	88.6	779.7	1955	16.3	98	185/43	E EYEWALL/CLOSE TO FLEHW	✓	✓
8	982430064	105742								NO L.D. FAST FALL	X	X
9	974010013	110059	30.29	89.18	780.0	1933	16.7	96	001/29	W WALL	✓	✓
10	982010018	111539	30.19	90.21	780.1	2125	14.9	95	013/37	LAKE POND...	✓	✓
11	974530093	113352	30.33	88.93	780.1	1865	19.1	96	251/2		✓	✓
12	974510011	113717	30.34	88.66	780.0	1944	16.2	99	185/43	E WALL (INNER)/MUD	✓	✓
13	982430075	113854	30.34	88.55	799.9	1987	15.9	99	174/39	E WALL (OUTER)	✓	✓
14	974150013	122549								S WALL/NO L.D.	X	X
15	982640254	122647	30.08	89.00	790.3	1859	16.4	101	258/30	S WALL	✓	✓
16	981810001	124121	29.40	88.84	804	1859	16.2	97	251/19		✓	✓
17	981750021	125812	30.35	87.95	804	1852	15.5	96	174/34	MOBILE BAY DBIAL	✓	✓
18	981830011	130859	30.35	88.77	790.9	1812	16.4	107	188/34	INNER EDGE E WALL	✓	✓

82/30.1  
89.0

SONDES BURNED 9/15/98

1058 30<sup>21</sup> 88<sup>55</sup>

TAL 30<sup>20</sup> 89<sup>01</sup>

30<sup>21</sup> 88<sup>55</sup>





HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: GEORGES

Prepared by the Hurricane Research Division at 12:05:49 PM on 09/27/98.  
 File: georges980928i.ftrk

Aircraft: N43RF Altitude: FL 70-140 Proposed takeoff: 28/0900Z

TRACK DISTANCE TABLE (nm)

#	LAT	LON	LEG	TOTAL	TIME	
0	MACDILL		0.	0.	0:00	
1	28 30	84 30	112.	112.	0:33	42036
2	28 48	86 00	81.	193.	0:50	42039
3	29 42	85 24	63.	256.	1:03	CSBF1
4	30 12	86 00	43.	299.	1:12	
5	30 12	87 00	52.	351.	1:23	
6	30 18	88 06	57.	408.	1:35	DPIA1
7	30 06	88 48	38.	447.	1:42	42007
8	30 12	90 00	63.	509.	1:55	Lake Ponchartrain
<del>9S</del>	<del>30 35</del>	<del>90 4375NW</del>	<del>44.</del>	<del>553.</del>	<del>2:04</del>	
10S	29 42	89 42 S	75.	628.	2:20	29.7 89.7
11S	28 49	88 4175SE	75.	703.	2:35	
12	29 12	88 18	31.	734.	2:42	42040
13S	29 42	89 42 S	79.	813.	2:58	
14S	28 49	90 4375SW	75.	888.	3:14	
15	28 30	91 00	24.	912.	3:19	
16S	29 42	89 42 S	99.	1012.	3:39	
17	30 18	88 06	91.	1103.	3:58	DPIA1
18	30 06	88 48	38.	1141.	4:06	42007
19S	29 42	89 42 S	53.	1194.	4:17	
20S	28 49	88 4175SE	75.	1269.	4:32	
21	30 36	85 54	181.	1449.	5:10	KEVX
22	30 18	88 06	115.	1565.	5:34	DPIA1
23	30 06	88 48	38.	1603.	5:42	
24	30 12	90 12	73.	1676.	5:57	
25S	29 42	89 42 S	40.	1716.	6:05	
26S	28 31	88 2100SE	100.	1816.	6:26	
27S	29 42	88 1675E	71.	1887.	6:40	
28S	29 42	89 42 S	75.	1962.	6:56	
29S	29 42	91 0875W	75.	2037.	7:11	
30S	28 27	89 4275S	106.	2143.	7:33	
31	MACDILL		382.	2525.	9:02	

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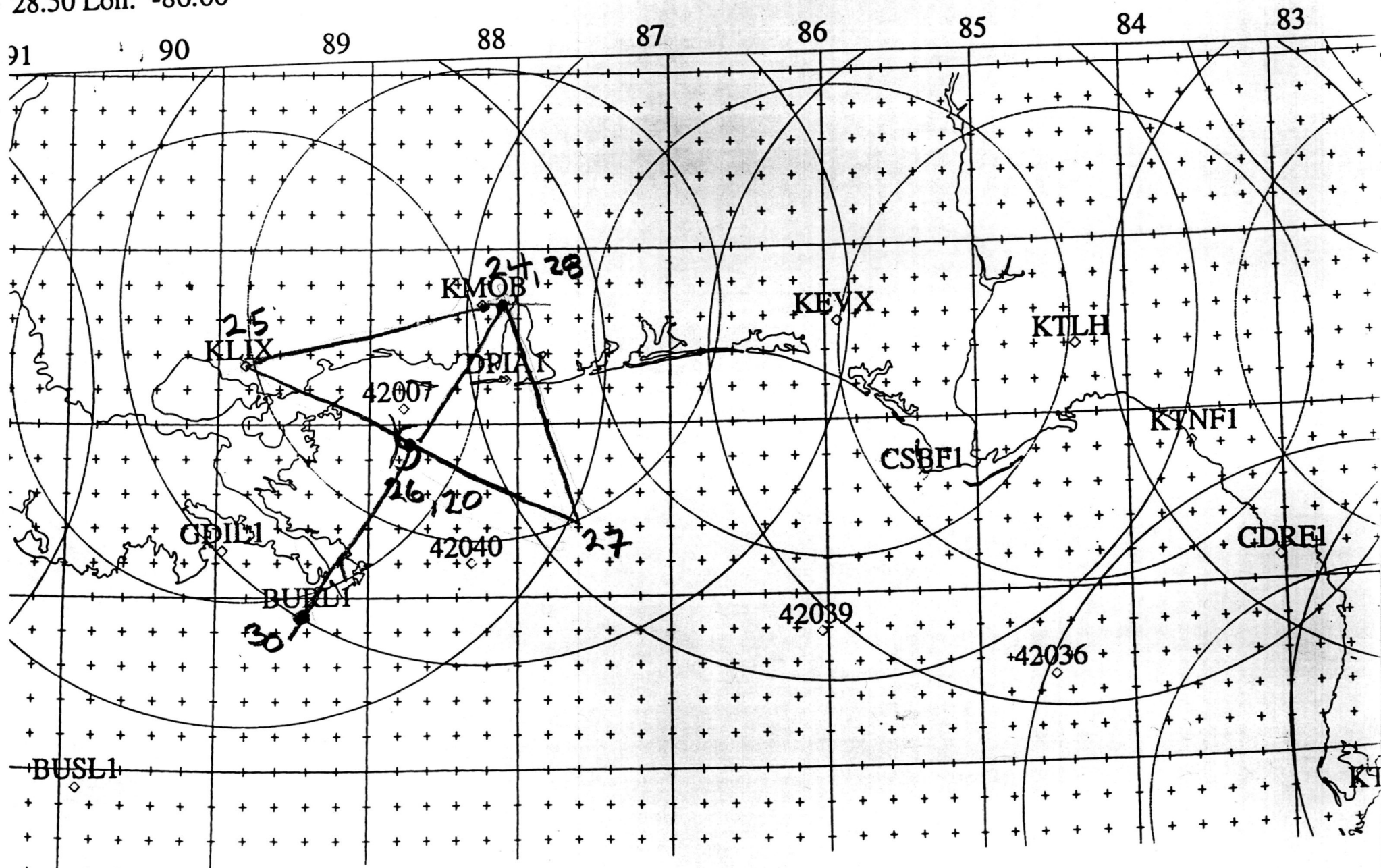
TRACK DISTANCE TABLE (nm)

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0	MACDILL		0.	0.	0:00	
1	28 30	84 30	112.	112.	0:33	42036
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3	29 42	85 24	63.	256.	1:03	CSBF1
4	30 12	86 00	43.	299.	1:12	
5	30 12	87 00	52.	351.	1:23	
6	30 18	88 06	57.	408.	1:35	DPIA1
7	30 06	88 48	38.	447.	1:42	42007
8	30 12	90 00	63.	509.	1:55	Lake Ponchartrain
<del>9S</del>	<del>30 35</del>	<del>90 43<sup>75</sup>NW</del>	<del>44.</del>	<del>553.</del>	<del>2:04</del>	
10S	29 42	89 42 <sup>6</sup>	75.	628.	2:20	29.7 89.7
11S	28 49	88 41 <sup>75</sup> SE	75.	703.	2:35	
12	29 12	88 18	31.	734.	2:42	42040
13S	29 42	89 42 <sup>6</sup>	79.	813.	2:58	
14S	28 49	90 43 <sup>75</sup> SW	75.	888.	3:14	
15	28 30	91 00	24.	912.	3:19	
16S	29 42	89 42 <sup>6</sup>	99.	1012.	3:39	
17	30 18	88 06	91.	1103.	3:58	DPIA1
18	30 06	88 48	38.	1141.	4:06	42007
19S	29 42	89 42 <sup>6</sup>	53.	1194.	4:17	
20S	28 49	88 41 <sup>75</sup> SE	75.	1269.	4:32	
21	30 36	85 54	181.	1449.	5:10	KEVX
22	30 18	88 06	115.	1565.	5:34	DPIA1
23	30 06	88 48	38.	1603.	5:42	
24	30 12	90 12	73.	1676.	5:57	
25S	29 42	89 42 <sup>6</sup>	40.	1716.	6:05	
26S	28 31	88 21 <sup>00</sup> SE	100.	1816.	6:26	
27S	29 42	88 16 <sup>75</sup> E	71.	1887.	6:40	
28S	29 42	89 42 <sup>6</sup>	75.	1962.	6:56	
29S	29 42	91 08 <sup>75</sup> W	75.	2037.	7:11	
30S	28 27	89 42 <sup>75</sup> S	106.	2143.	7:33	
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980928 I (3)

28.50 Lon: -86.00



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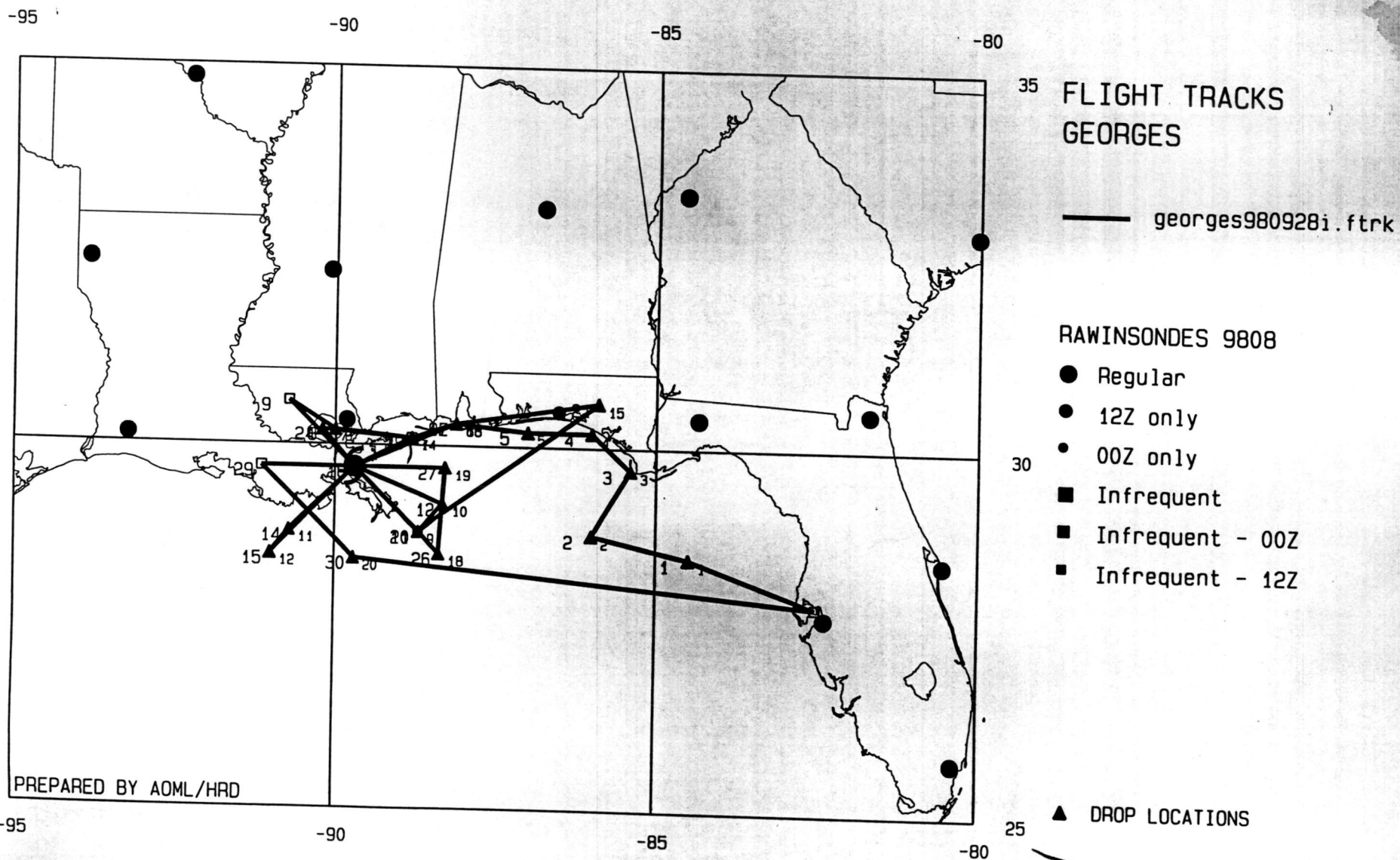
DROP LOCATIONS

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#	LAT	LON	TIME
1	28 30	84 30	0:33
2	28 48	86 00	0:50
3	29 42	85 24	1:03
4	30 12	86 00	1:12
5	30 12	87 00	1:23
6	30 18	88 06	1:35
7	30 06	88 48	1:42
8	30 12	90 00	1:55
9S	28 49	88 41	2:35
10	29 12	88 18	2:42
11S	28 49	90 43	3:14
12	28 30	91 00	3:19
13	30 18	88 06	3:58
14	30 06	88 48	4:06
15	30 36	85 54	5:10
16	30 18	88 06	5:34
17	30 12	90 12	5:57
18S	28 31	88 21	6:26
19S	29 42	88 16	6:40
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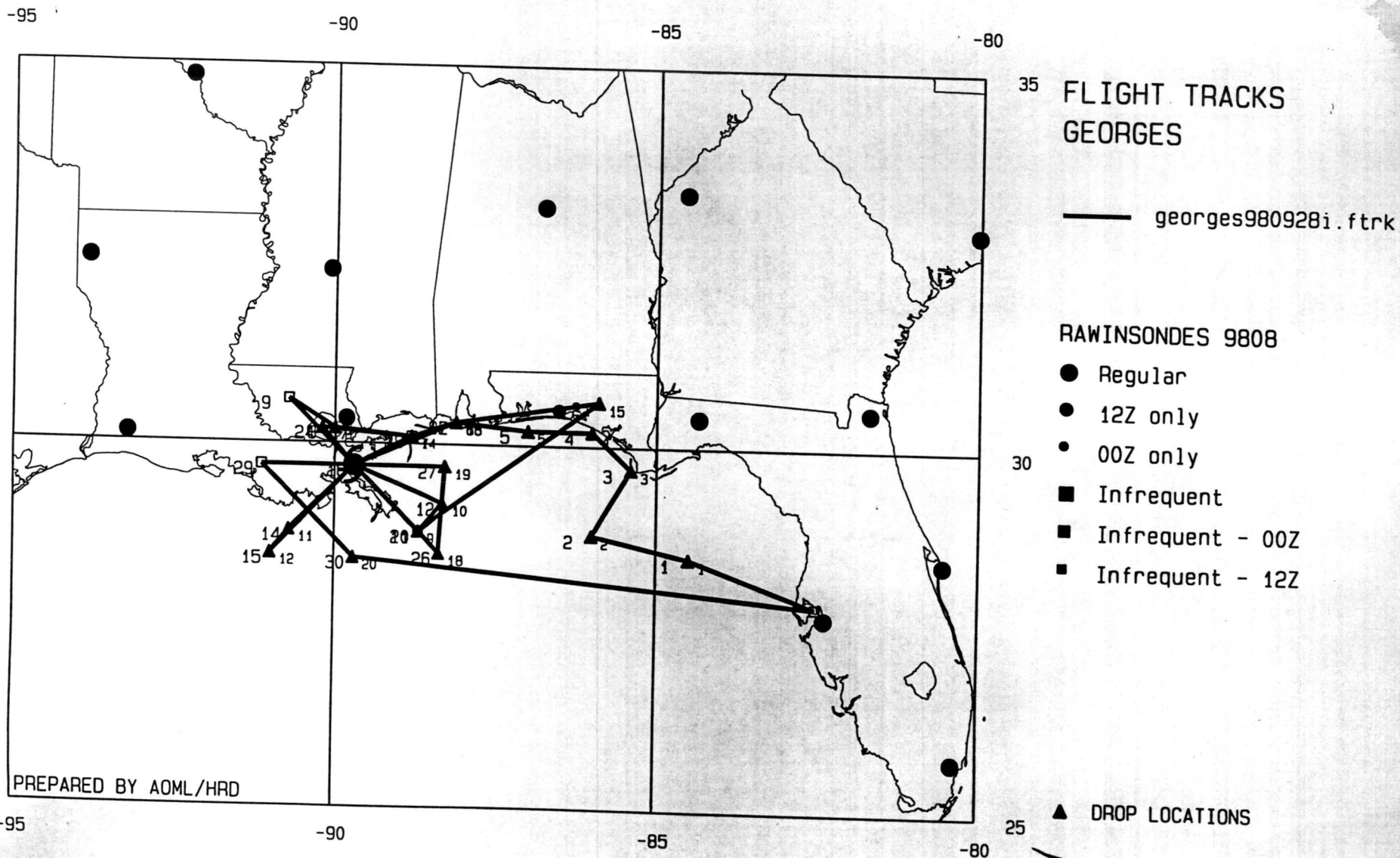
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NOAA 43 Takeoff 28/09Z

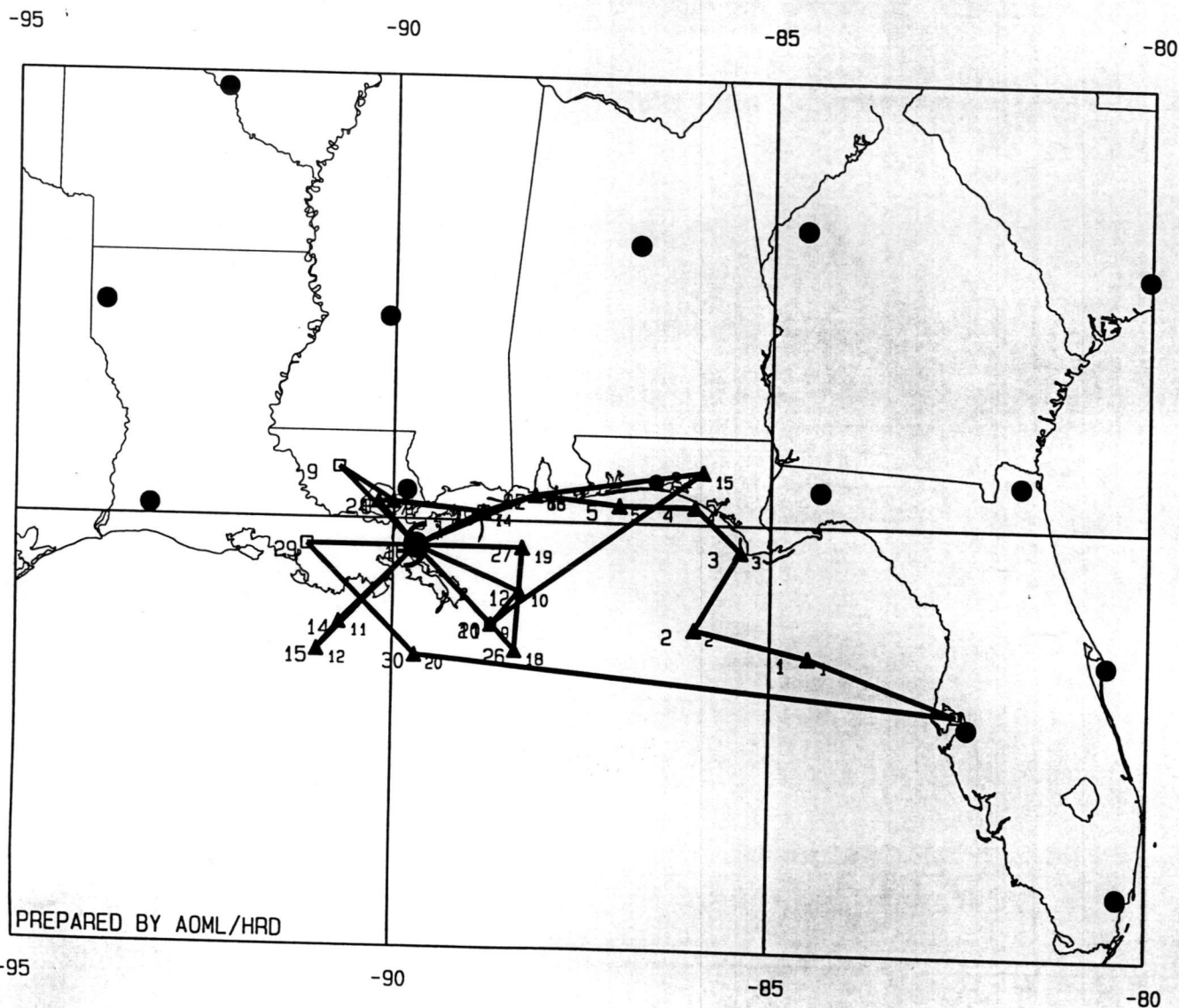




NOAA 43 Takeoff 28/09Z



NOAA 43 Takeoff 28/09Z



35 FLIGHT TRACKS  
GEORGES

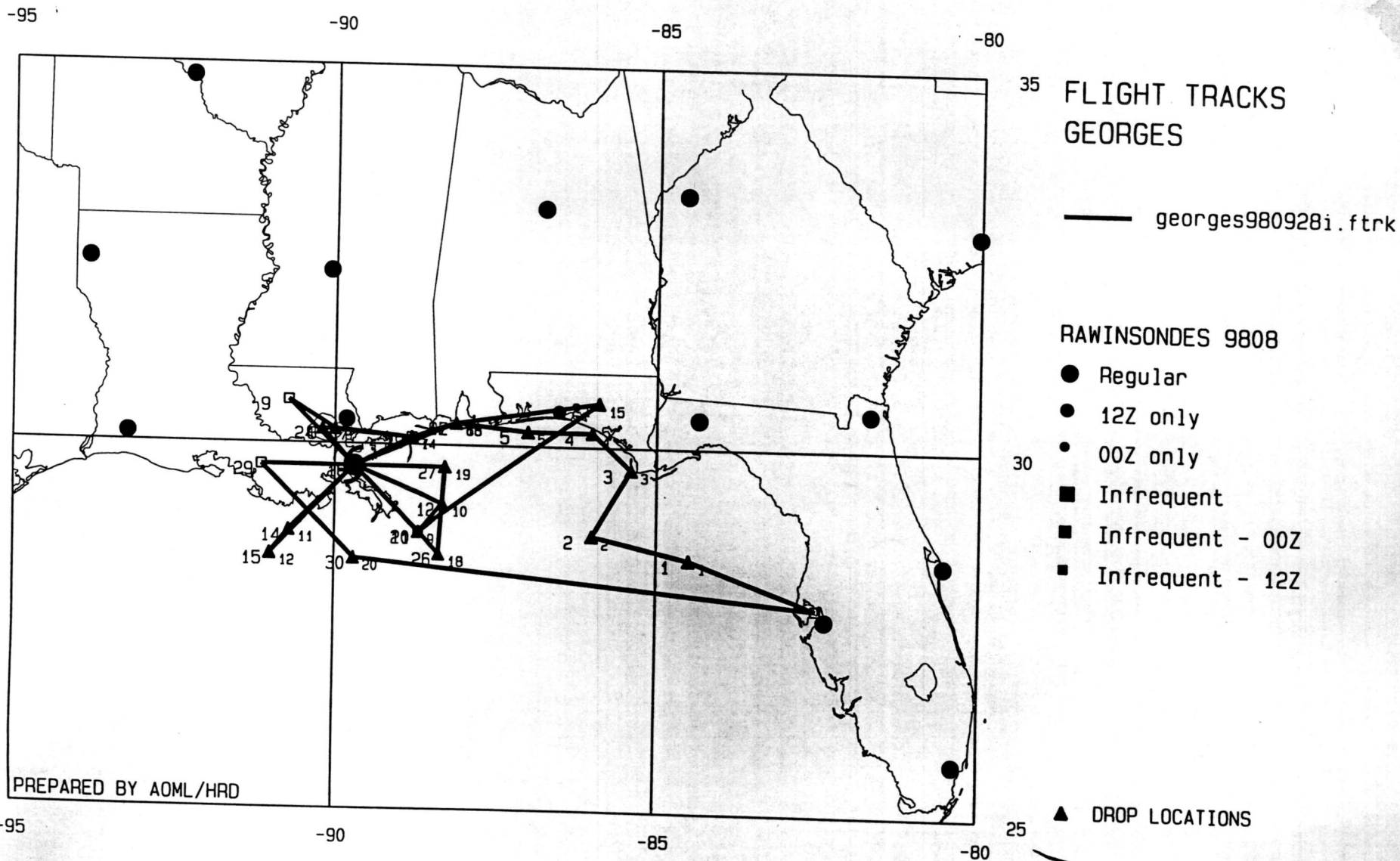
— georges980928i.ftrk

RAWINSONDES 9808

- Regular
- 12Z only
- 00Z only
- Infrequent
- Infrequent - 00Z
- Infrequent - 12Z

▲ DROP LOCATIONS

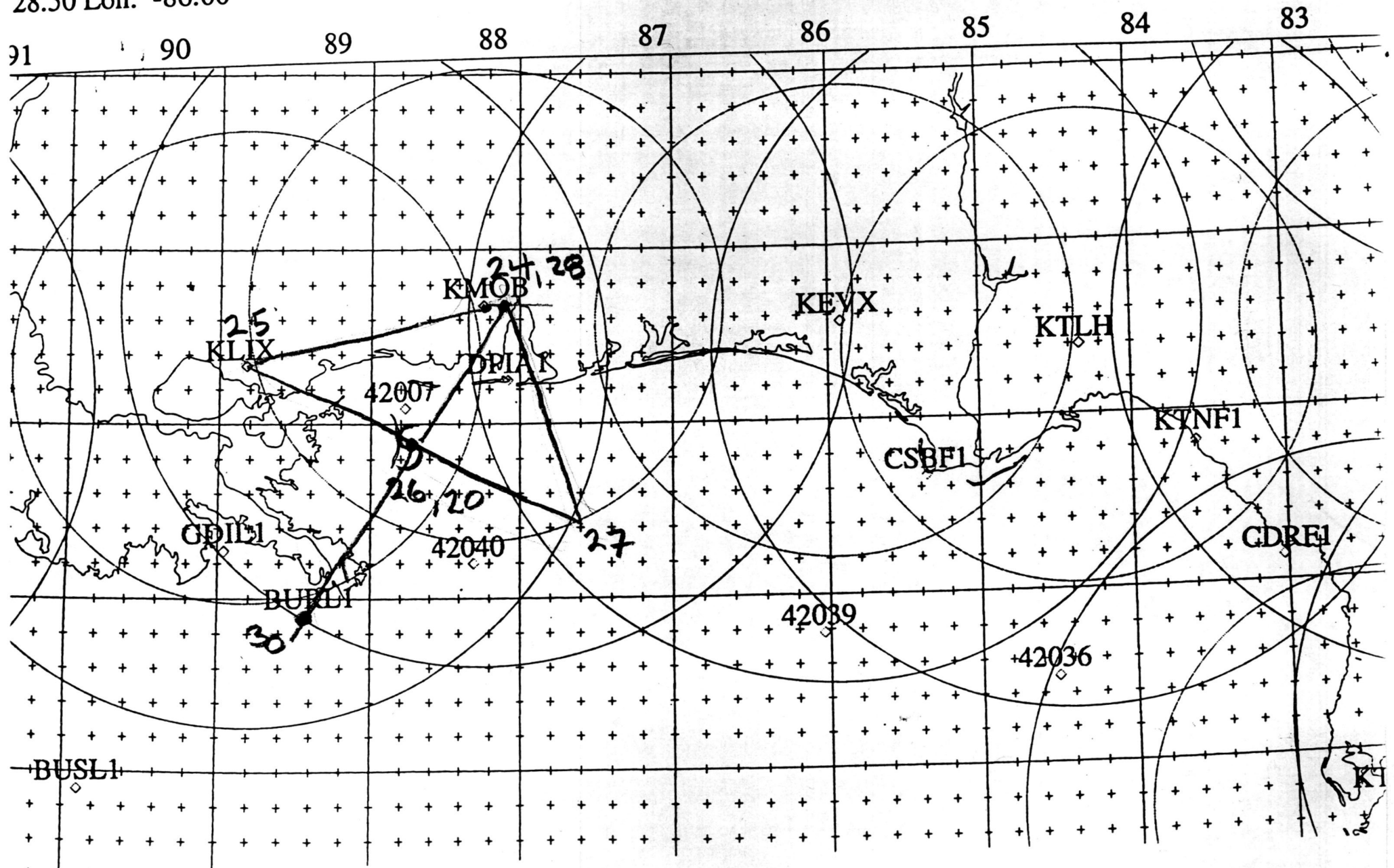
NOAA 43 Takeoff 28/09Z





98 0928 I (3)

28.50 Lon: -86.00



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31	MACDILL		382.	2525.	9:02

42036  
 42039  
 CSBF1

KEEP

DPIA1  
 42007  
 Lake Ponchartrain

29.7 89.7

42040

DPIA1  
 42007

KEVX  
 DPIA1

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