

1998082041-DROPS

HRC Dropwindsonde Scientist Log (Revised 7/98)

Storm TD #2Flight ID 198082041Mission ID WX02A CycloneDropsonde Scientist(s) M. Black / Joe CroneAVAPS Operator(s) George DelgadoPage 1 of 2Takeoff 174023 UTCLanding 0302 UTC

Drop #	Sonde ID	Time (UTC)	Lat (°)	Lon (°)	Press (mb)	GAIt (m)	T (°C)	TD (°C)	WD/WS (kt)	Comments	Prc ?	Xmt ?
1	974010128	183947	* see back							No launch detect see back	No	No
2	973840088	190554								No launch detect	No	No
3	974030005	192619								good sonde	✓	8✓
4	974110018	195652								good sonde	✓	10✓
5	982720281	201926								South of center ~100 mi	✓	13✓
6	982430091	203639								16,000 ft	✓	14
7	973250088	204454								South of center	✓	17
8	973730033	205441				1006 mb			30 Kts SFC	north of center #1	✓	18
9	973250090	205556								north of center #2	✓	23
10	973730053	210359									✓	26
11	974530108	212351								center	✓	29
12	973840050	212945			572.8	4765	116	1.8		No launch detect	No	No
13	973250088	213243										
13	982710120	213855									✓	35
14	973250110	220550									✓	40
15	982630109	222810									✓	42
16	973840056	225353								good sonde	✓	43
17	974530073	232846								sonde window not open, no launch detect	No	No

workstation 11 min 42 sec slow
AVAPS 1 sec fast

Note start-sonde icon did not work. Window opened then bombed and closed.
Ran start-sonde.cmd from HP term - seemed to work ok. Lost launch
detect on second sonde while killing "extra" avaps - input and gsonde input
3 or 4 run files were active.

(Revised 7/98)

TD #2/Bonnie

980820 H

WX02 A cyclone

m. Black / Joe Cline / Ed Bruken

George Pelgado

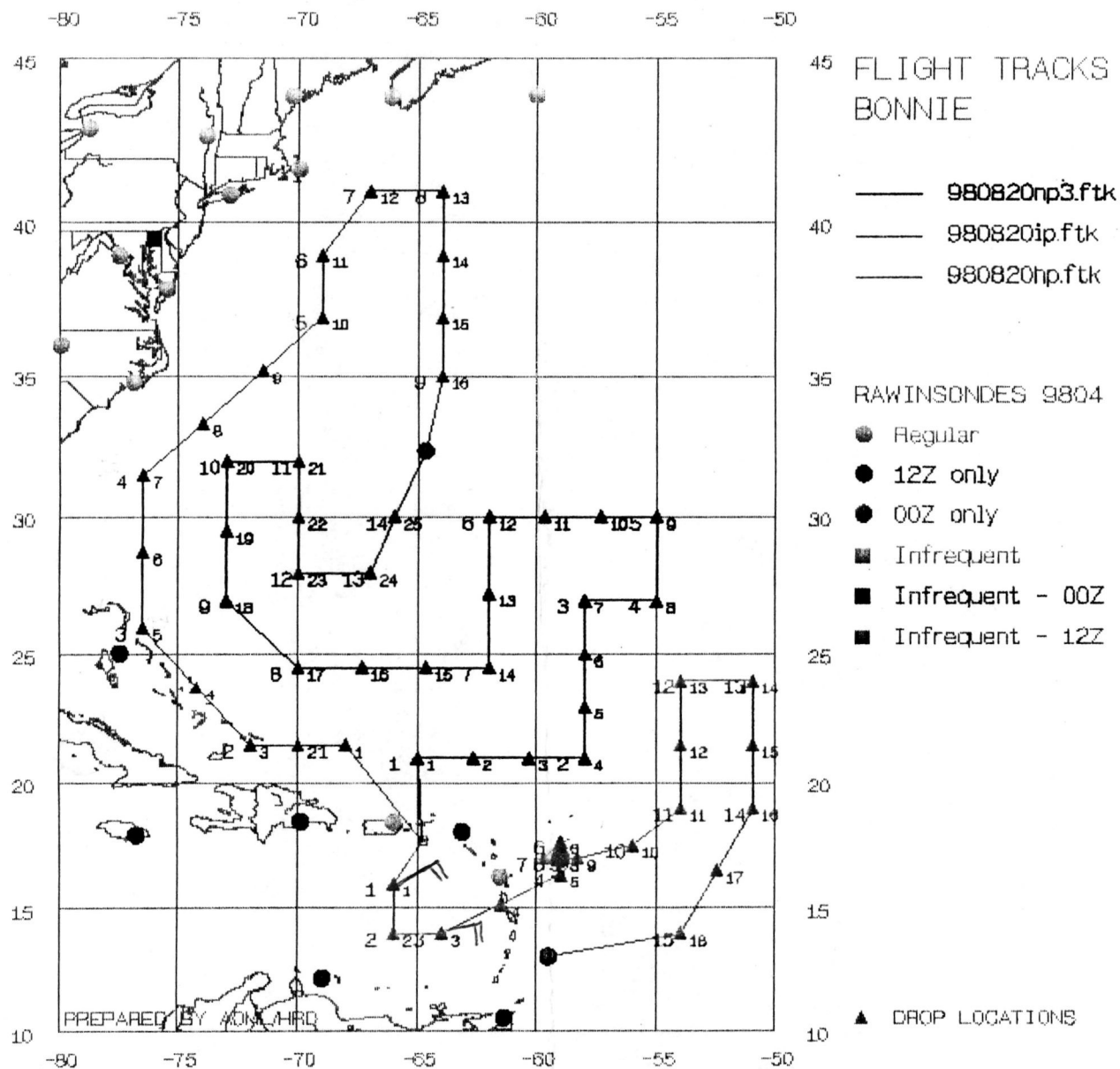
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Takeoff 174623 UTC

Landing 0302 UTC

[illegible]

980820H



18.7 60 217

42 3 plane synoptic
St. Croix - S - Barbados

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HURRICANE SYNOPTIC SURVEILLANCE MISSION PLAN: BONNIE

Prepared by the Hurricane Research Division at 05:22:19 PM on 08/19/98.
File: /home/hrd/flight_tracks/980820hp.ftk

Aircraft: N42RF Altitude: FL180-250 Proposed takeoff: 20/1730Z

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TRACK DISTANCE TABLE (nm)

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#	LAT	LON	LEG	TOTAL	TIME
0	ST CROIX		0.	0.	0:00
1	16 00	66 00	123.	123.	0:36
2	14 00	66 00	120.	244.	1:00
3	14 00	64 00	117.	360.	1:25
4S	16 20	59 00	322.	682.	2:31
5S	17 00	59 00	40.	722.	2:39
6S	17 40	59 00	40.	762.	2:48
7S	17 00	59 42	57.	819.	2:59
8S	17 00	59 00	40.	859.	3:08
9S	17 00	58 18	40.	899.	3:16
10	17 30	56 00	136.	1035.	3:44
11	19 00	54 00	145.	1180.	4:14
12	24 00	54 00	301.	1481.	5:16
13	24 00	51 00	165.	1645.	5:50
14	19 00	51 00	301.	1946.	6:53
15	14 00	54 00	347.	2292.	8:04
16	BARBADOS		326.	2618.	9:22

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