

U.S. Dept. of Commerce / NOAA / Aircraft Operations Center

AOCWFI

Flt ID: 020923n	From: MCF	To: MCF
Flt No: 02-091	Blk In: 0159	ATA: 0151
ETD: 1730Z	Blk Out: 1718	ATD: 1734
ETE: 8.5	Blk Time: 8.7	Flt Time: 8.3
Sponsor Org: HRI	Program: SURV.	Purpose: T-S. ISIDORE

AOC Personnel

AC: FINKE	Sys Eng: CARPENTER
CP: FINN / POSTON	Data Sys: GOLDSTEIN
Nav: ROTTEVEEL	Radar: BLOGAN
FE:	GPS/BT:
FD: FLAHERTY	Cld Phys:
Avionics: HARBROOK	

Participating Scientists / Visitors / AOC

Name (Last, First)	Activity on Aircraft	Affiliation
WHITE	HAPS	HRI
GOLDENBERG	HAPS	HRI
WALTER ✓	VIS	TV
WILLIAMS ✓	VIS	TV

Proposed/Actual Mission Remarks (Recco, Fixes, Storm, PENET, NHOP #)

Flt ID: 020423n Time Off: 1718 / 1734 Time On: 0151 / 0159

	A/C (Take Off)	Wx Station (Take Off)	A/C (Land)	Wx Station (Land)
Pressure	1012.8	A29.87	1014.4	A2991

	Number	Data Disposition / Date / Quality
Flt Lvl Tapes	1	
Radar Tapes		
Cloud Physics Tapes		
Video Tapes		
AXBT		
AXCP		
AXCTD		
Dropsondes	28	

Video

	Forward	Left Side	Right Side	Down	Remarks
Time On					
Time Off					
Rate					

Remarks

28 drops - 27 observations (1 bad sonde)

Flight ID:

020923n

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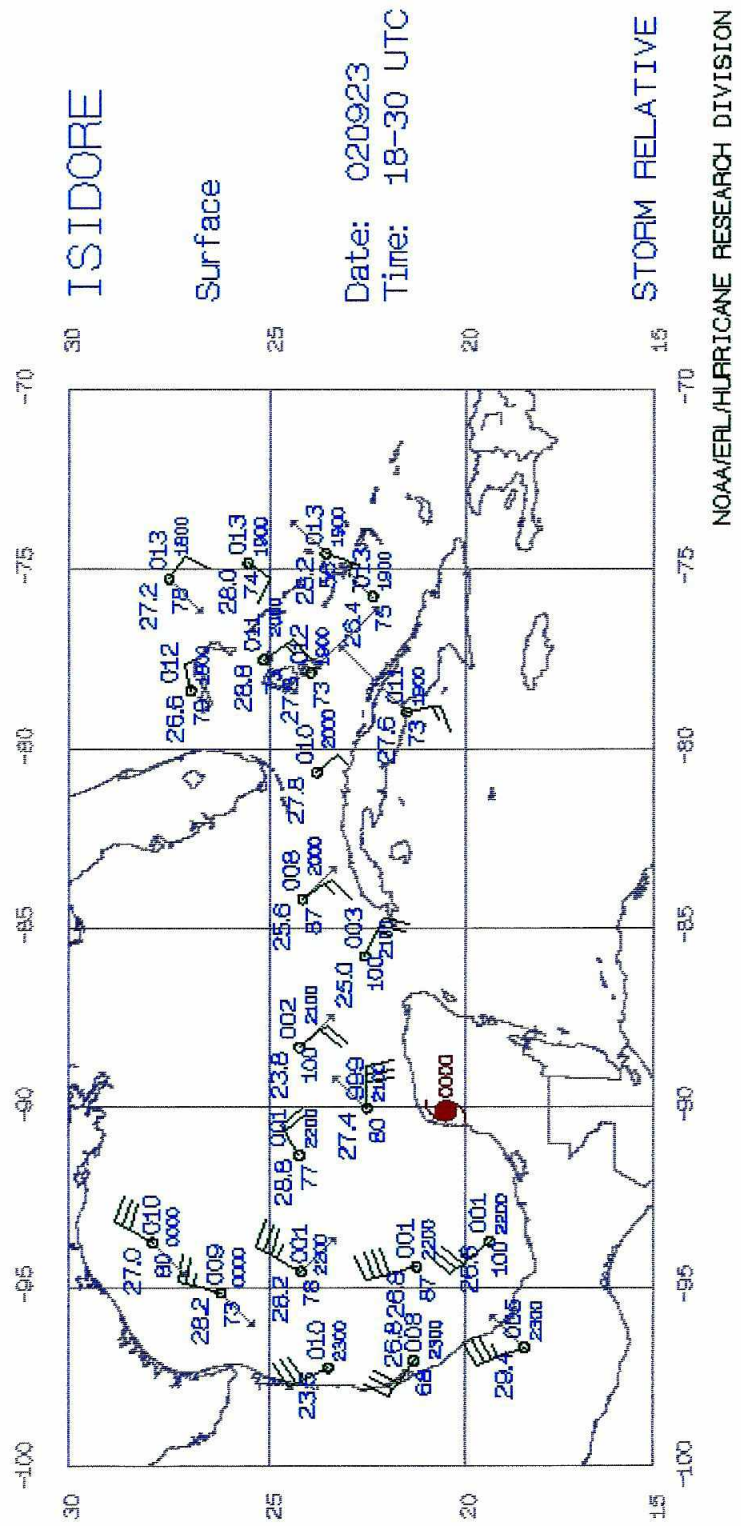
Form 413-50

Time	Lat	Long	Trk	Hdg	Wind Dir	Wind Spd	T _a	T _d	Press. Alt	Geo. Alt	Sfc Press.	Press. Sfc	Dyn. Press	Remarks
1734	2704	8252	220	220		7	33	23	14	18	1012.8			17450ft
181342	2674	7708	99	94	303	21	-57	-58	12469	13180	1250	175	87	DROP 1
182904	2646	7573	121	117	331	26	-57	-64	12467	13155		175	88	DROP 2
184043	2536	7448	134	130	336	24	-57	-65	12467	13138		175	88	DROP 3
185212	2423	7334	197	192	331	24	-57	-66	12467	13132		175	87	DROP 4
190429	2313	7416	226	231	335	27	-57	-67	12472	13619		175	87	DROP 5
191638	2209	7577	282	288	340	24	-61	-67	12771	13478		167	83	DROP 6
192926	2311	7675	321	321	325	21	-61	-59	12778	13472	13407	167	83	DROP 7
194627	2415	7925	258	262	326	21	-63	-64	13062	13795		159	81	DROP 8
200240	2374	8038	258	261	303	19	-63	-62	13076	13841		158	79	DROP 9
202527	2324	8302	254	252	236	6	-64	-61	13191	13769		155	80	DROP 10
204559	2251													DROP 11
210655	2325	8721	DIFFERENT LOCATION (WEATHER)											DROP 12
211346	2334	8893	286	286	127	3	-64	-63	13333	14115		152	76	DROP 13
213214	2424	9122	265	262	236	5	-64	-68	13330	14164		152	76	DROP 14
215206	2329	9346	218	214	190	10	-63	-67	13328	14169		152	75	DROP 15
221104														DROP 16
222808	1930	9357	223	225	20	8	-67	-59	13608	14407		145	71	DROP 17
224508	1331	9576	308	310	74	10	-66	-60	13611	14405		144	71	DROP 18
230402	2126	9699	346	345	274	2	-66	-69	13614	14405		144	72	DROP 19
232248	2352	9722	17	13	263	16	-67	-71	13612	14388		144	72	DROP 20
233944	2537	9610	28	23	283	16	-66	-70	13612	14370		145	71	DROP 21
235621	2716	9495	82	83	268	22	-66	-71	13610	14354		144	72	DROP 22
			DROP 22				NO WINDS							DROP 22(A)
001429	2604	9273	88	88	242	11	-67	-70	13612	14384		145	71	DROP 23
003205	2615	9047	97	100	221	14	-68	-66	13621	14402		145	73	DROP 24
005025	2585	832	119	119	204	5	-67	-67	13621	14422		145	72	DROP 25
010820	2401	8621	75	72	278	11	-67	-66	13625	14423		145	73	DROP 26
012628	2628	8437	46	42	288	13	-68	-67	13628	14418		145	74	DROP 27

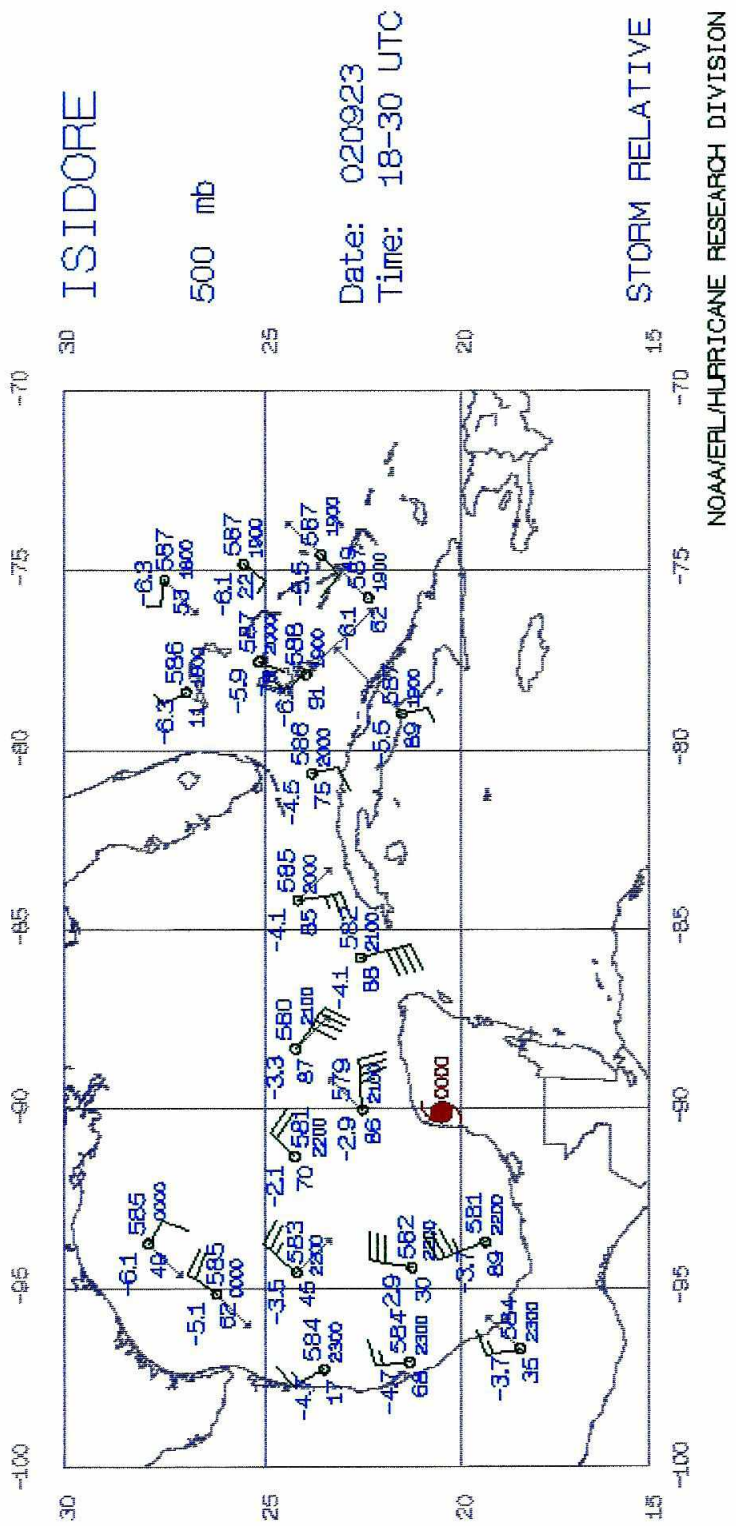
N49RF AVAPS DropSonde Log

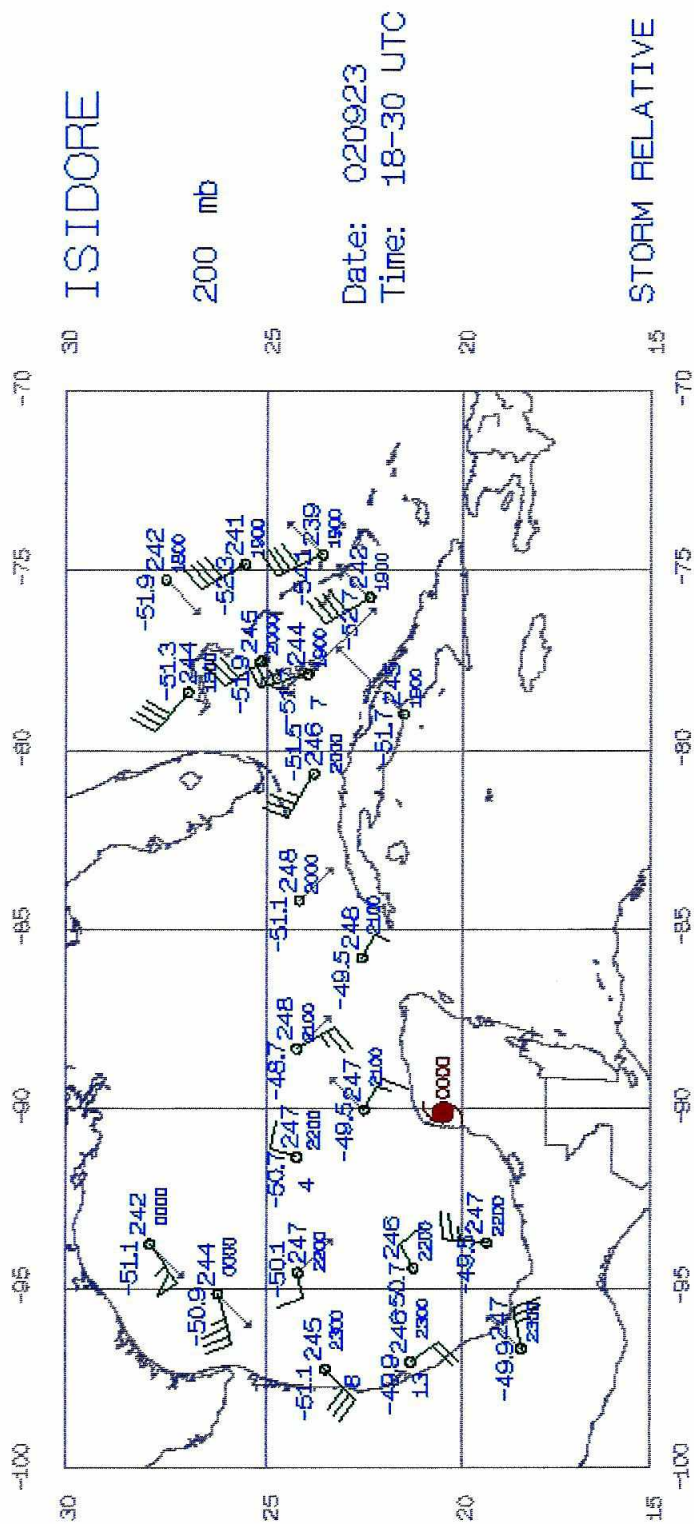
N49RF Project: HURRICANE 02 Flight ID 0209231
 Mission: T. S. ISIDORE Flight #: RF 11 System Status: OK

Drop #	Sonde Serial Number	Chn. #	Time (Zulu)	Press. offset	Winds time	Operator Initials	Comments / Drop Status / Failure Reason	OOD ☒
1	013635138	1	1813	0.3	37	ASR		✓
2	013945049	2	1822	0.2	54	ASR		✓
3	013635030	1	1840	0.2	12	ASR		✓
4	013248105	2	1852	-0.1	28	ASR		✓
5	013635050	1	1904	0.4	24	ASR	Lost winds ^{HPOMB} AT	✓
6	013635238	2	1916	0.2	40	ASR		✓
7	013635264	1	1929	0.4	25	ASR		✓
8	013635225	2	1945	0	40	ASR		✓
9	013635052	1	2003	0.6	50	ASR		✓
10	013635048	1	2025	0.5	68	ASR		✓
11	013515034	1	2045	0.1	42	ASR		✓
12	013248114	2	2103	0.2	32	ASR		✓
13	013635029	1	2113	0.3	15	ASR		✓
14	013945003	1	2132	0	31	ASR		✓
15	013635051	1	2152	.3	60	ASR		✓
16	013215137	1	2211	.2	18	ASR		✓
17	013635031	2	2228	.3	54	ASR		✓
18	013635034	1	2245	.4	20	ASR		✓
19	013635164	1	2304	.3	28	ASR		✓
20	013635056	1	2322	.4	45	ASR		✓
21	013635033	2	2339	.5	69	DWC		✓
22	013635032	1	2356	.4			No winds	✓
23	013635269	2	2358	.3	32		Backup	✓
24	013635151	1	0014	.3	26			✓
25	013515035	1	0032	0	53			✓
26	013635024	1	0050	.4	47			✓
27	013635270	1	0108	0	35			✓
28	013635025	1	0126	.3	42			✓
29	020215345			.3				
30								
31								
32								
33								



NOAA/NRL/HURRICANE RESEARCH DIVISION

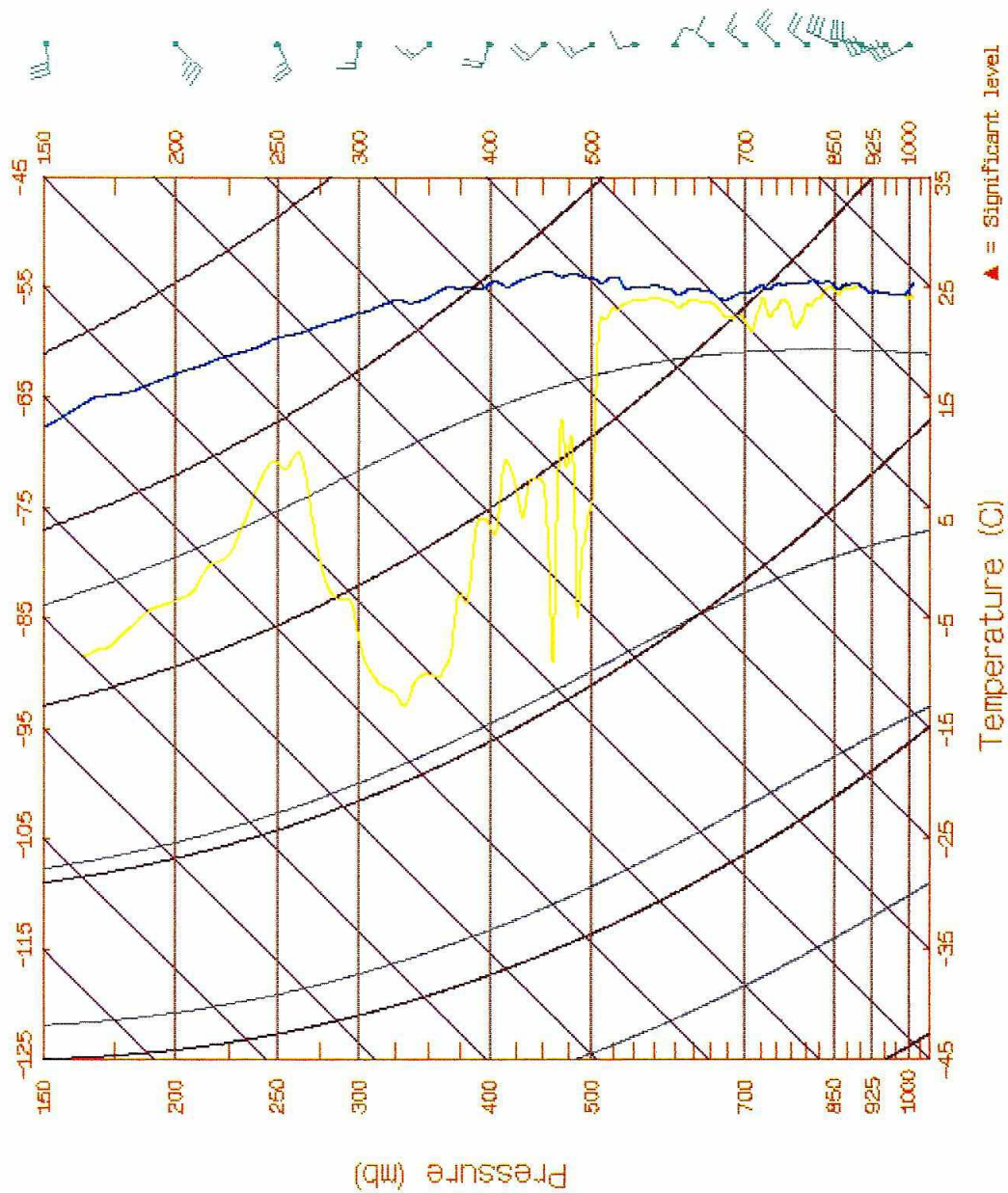




0020

SKEW-T LOG-P DIAGRAM
Sonde ID: 013635056

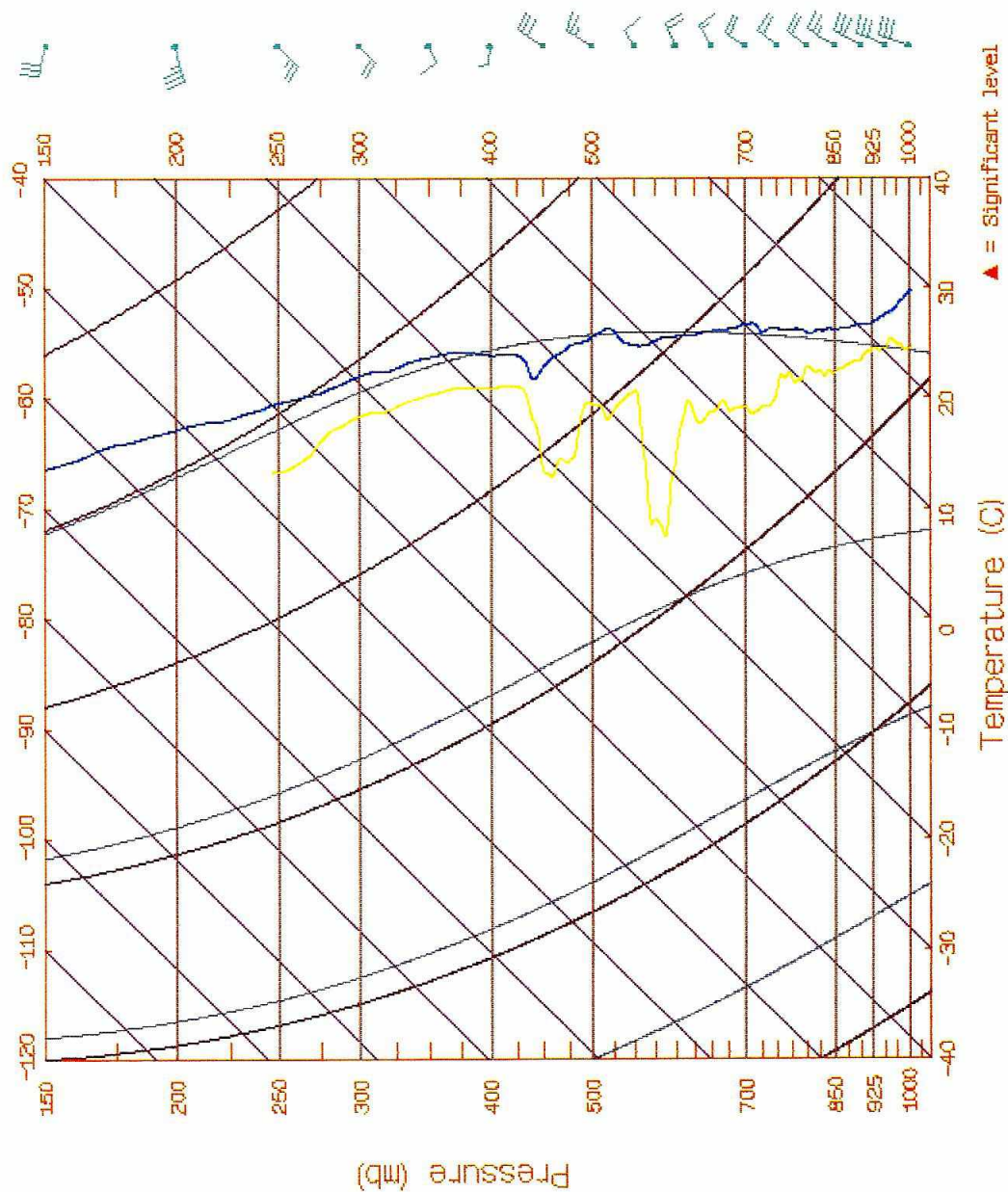
232247 UTC 23 SEP 2002
23.52N 97.23W



OB 21

SKew-T LOG-P DIAGRAM
Sonde ID: 013635033

233943 UTC 23 SEP 2002
25.37 N 96.11 W



OB 22

SKEW-T LOG-P DIAGRAM 235827 UTC 23 SEP 2002
Sonde ID: 013635269 27.08N 94.69W

