

U.S. Dep't. of Commerce / NMAO / NOAA / Aircraft Operations Center

FLT ID: 090302N	From: PHNL	To: PHNL
FLT #: 09-051	Blk In: 0305 z 7.7	Land Time: 0303 z 7.5
ETD: 2000 z	Blk Out: 1920 z	T/O Time: 1931 z
ETE: 7.5	Total Blk: 7hrs 45	Total Flt: 7hrs 32mins
Sponsoring Org: NWS	Program: WSR-09	Purpose: SURVEILLANCE

AOC Flight Crew

Aircraft Commander: HAGAN	Data System: ROGERS
Co-Pilot: LONGENECKER GLOVER	Avaps:
Navigator: 1	System Engineer:
Flight Eng: 1	AA: DEFEO
Flt Director: ALMEIDA	AA: HILL
Avionics:	Crew Chief:

Participating Scientists, Visitors, & Add'l Aircrew on back.

of people listed on back: 0

of total crew & passengers: 7

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure				

ATIS - Takeoff

ATIS - Land

Data Source	Number	Data Disposition / Date / Quality	
Flight Level Tapes			
Radar Tapes			
Dropsondes	16	Good: 16	Bad: 0 Sent: 16
AXBT			

List other data sources on back in Remarks section.

Remarks (Storm Name, Mission ID, Recco Times, Fix Times)

Recco Times:	Fix #	Fix Time
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Storm Name: _____

Mission ID: NOAA9 15WSC Track 37

Add NOTams (DOD)
 + Distch Hdg (FNMOC)
 + CAT

Jefferies - 45 @ Anchorage
 container

N49RF AOC GPS Dropwindsonde Log

Flight ID: 090302N Flight Director: ALMEIDA
 Mission ID: N04A49 15h5c Storm/Track: 37

Pg 1 of 3

Ch. #	Drop #	Sonde ID	Drop Time (UTC)	Lat (°N)	Lon (°W)	Wx Cond.	L5/R5	SFC Pts (mb)	Last Wind Ht (m)	W ₅ Comments	Ob #	Self-Comm. Failures	Sent Time (UTC)
1	1	072719001	203649	25 45	151 15	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1025.8	20	6.3 357	01220	1.0 359	211253
4	2	072919174	205652	27 00	148 45	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1026.1	21	8.5 028	02221	8.9 029	213004
1	3	072649138	211735	28 15	146 15	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1024.9	25	8.6 328	03225	7.6 011	215013
4	4	070419120	213923	29 30	143 30	"	✓	1024.2	33	10.4 323	04233	13.1 320	223229
1	5	073019036	220006	31 00	141 00	"	✓	1023.4	17	18.3 308	05217	7.9 325	223320
4	6	072649178	222011	33 00	139 15	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1018.4	13	11.5 310	06213	11.4 307	225554
1	7	070819048	224008	35 16	138 01	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1014.0	32	21.6 293	07232	23.1 294	234347
4	8	070749044	230219	37 49	138 33	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1010.3	29	17.3 323	08239	17.3 324	234459
1	9	072919173	232216	39 44	140 02	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1009.3	30	21.5 331	09239	21.0 332	003741
4	10	070829105	234446	40 15	143 15	OVC	✓	1015.0	24	14.2 302	10224	15.3 301	003825
1	11	072649133	000710	40 14	146 30	OVC	✓	1022.1	22	19.5 315	11221	18.6 314	005044
4	12	073019053	002619	38 30	149 00	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1026.8	24	14.5 319	12233	14.5 319	010712
1	13	072649174	004454	36 30	150 45	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1028.7	21	14.2 350	13236	9.8 325	011537
4	14	072919167	010455	34 15	152 15	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1030.3	20	7.2 001	14239	6.9 001	014426
1	15	073019135	012536	31 45	153 15	OVC	✓	1030.1	26	9.3 005	15235	8.1 035	020306
4	16	072719049	014522	29 22	154 13	C ₅ S ₅ C ₅ B ₅ D ₅	✓	1024.4	24	7.4 044	16234	7.6 045	021405

SFC WINDS

20
10
6
3
1

1022.0
1029.4
1030.0

024721

SED Relay
N49S Direct

10
20

175820 - 10m

184326 - 10m

190344 - 19m

192800 - 10m

194746 - 13m

201216 - 13m

202917 - 10m

204451 - 15m

210420 - 12m

212622 - 18m

214839 - 10m

221011 - 13m

223055 - 16m

225237 - 10m

231637 - 24m

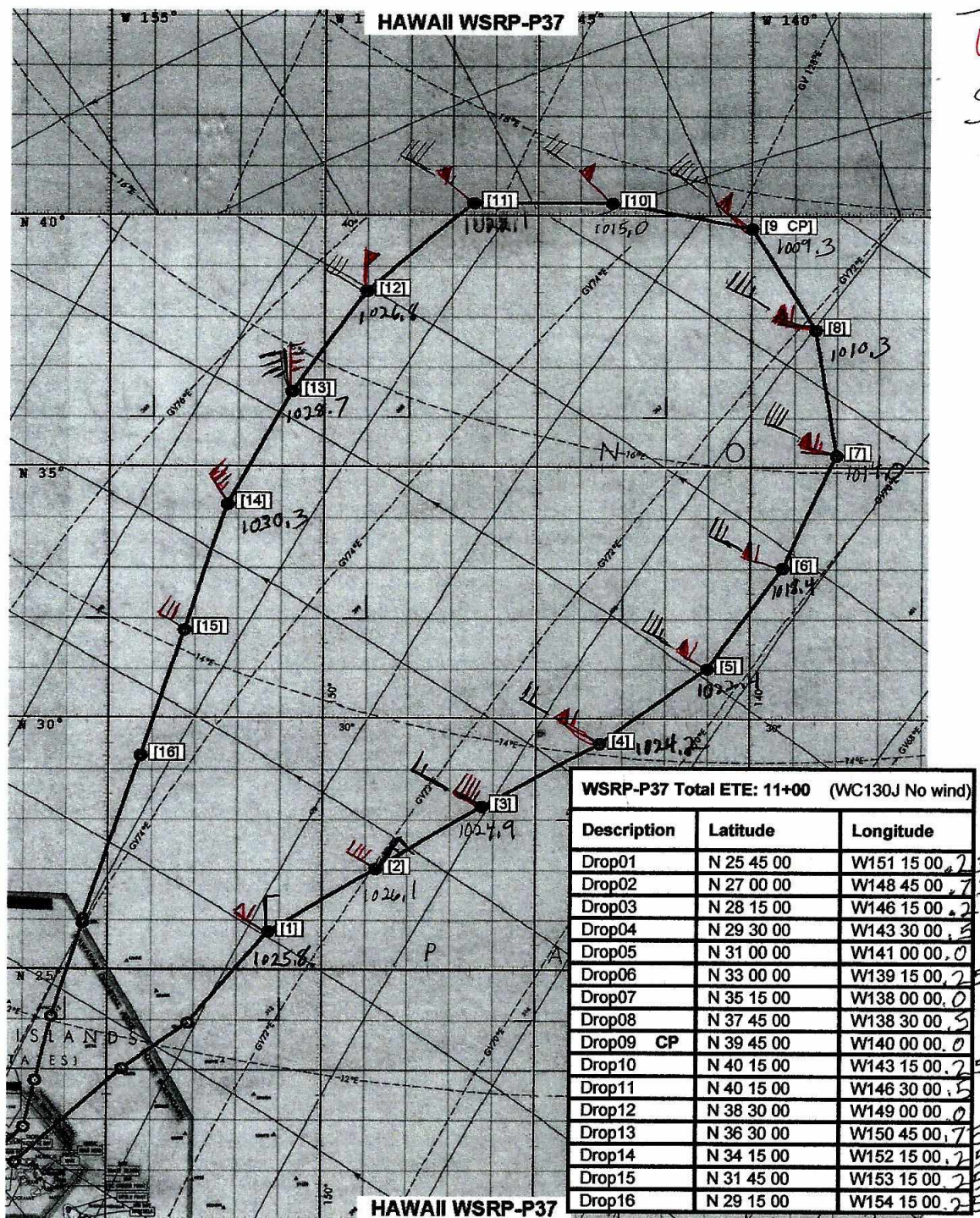
233918 - 12m

000433 - 12m

002016 - 10m

003645 - 14m

005542 - 16m



Winds
upper lvl
Sfc

Don't
Paul's
file
after
last
Drop

Figure H-7. Hawaiian Flight Track WSRP-37.

? What are some conditions of flight
that will affect instrument data?
turb, environ. fluxes, instr. degradation

a あ か さ た は
i い き し ち に ひ
u う く す つ め ふ
e え こ せ て と の
o お そ と

ね け
へ ほ

Some G/V notes

Dewpt's don't usually
get low enough

✗ -60°C
 -70°C

Aviation Digital Data Service (ADDS)

Output produced by TAFs form (1818 UTC 02 March 2009)
found at <http://adds.aviationweather.gov/tafs/index.php>

*T/O 20z
Lnd 204z*

PHNL 021753Z 06015KT 10SM FEW030 22/13 A3017 RMK AO2 SLP214 60000 T02170128 10217
20194 53017

PHNL 021735Z 0218/0324 05013KT P6SM FEW035 SCT050
FM022000 07017G25KT P6SM FEW035 SCT060
FM030600 06013G20KT P6SM FEW035 SCT060
FM030800 05012KT P6SM FEW040 SCT060

*T/O 070 17G25
Good vis Few SCT
035-060*

PHNG 021757Z 06011G20KT 10SM SCT030 SCT040 BKN070 21/14 A3019 RMK AO2 SLP218
T02110139 10211 20194 51017 \$

PHTO 021753Z 24003KT 10SM BKN033 BKN050 OVC075 18/14 A3020 RMK AO2 RAB38E46 SLP226
P0000 60000 T01780139 10189 20156 53019

PHTO 021735Z 0218/0318 VRB04KT P6SM VCSH FEW030 BKN045 BKN070
FM022000 07010KT P6SM VCSH FEW030 BKN060
FM030700 24005KT P6SM VCSH SCT030 BKN050

*Lnd 6 20-25
Same clouds*