

## Appendix II: IHOP Resources Overview

Aircraft	Contact	Availability	Total Flight Hours	Location
NRL P-3	Tom Strong	5/13 – 6/25	160 hours	AAR, OK City
WY King Air	Mark Hoshor	5/13 – 6/25	167.5 hours	AAR, OK City
NASA Proteus	Allen Larar	5/25 – 6/14	50 hours	OK City
DLR Falcon	Heinz Finkenzeller	5/17 – 6/14	100 hours	AAR OK City
NASA DC-8	Chris Jennisen	5/25 – 6/13	30 hours	AAR OK City
FII Learjet	Bruce Worrell	5/13 – 6/25	100 hours	AAR OK City

Radars	Contact	Availability	Location	Remarks
S-Pol	Jim Wilson	5/13 – 6/25	Balko, OK	Fixed
DOWs (2)	Josh Wurman Yvette Richardson	5/13 – 6/25	Variable Near S-Pol	Mobile
SMART-R (1)	Erik Rasmussen Conrad Ziegler	5/13 – 6/25	Variable Near FC	Mobile
FM/CW Radar	Tammy Weckwerth	5/13 – 6/25	Homestead Site	Fixed
X-POW	Emmanouil Anagnostou	5/13 – 6/25	Variable, near S-Pol	Mobile
ELDORA	Wen-Chau Lee	5/13 – 6/25	NRL P-3	Airborne
WCR	Gabor Vali Bart Geerts	5/13 – 6/25	UW King Air	Airborne

Lidars	Contact	Availability	Location	Remarks
CNRS Leandre II	Cyrille Flamant	5/13 – 6/25	NRL P-3	Airborne
DLR WV DIAL	Gerhard Ehret	5/17 – 6/14	DLR Falcon	Airborne
NASA LASE	Ed Browell	5/26 – 6/12	NASA DC-8	Airborne
NOAA HRDL	Alan Brewer	5/17 – 6/14	Falcon	Airborne
Compact DIAL	Janet Machol	5/13 – 6/25	Lamont (first part) ABLE Area	Fixed
NASA SRL	Belay Demoz	5/13 – 6/25	Homestead Site	Fixed
CART Raman	Wayne Feltz	5/13 – 6/25	ARM/CART	Fixed
NASA HARLIE	Geary Schwemmer	5/13 – 6/25	Homestead Site	Fixed
NASA GLOW	Bruce Gentry	5/13 – 6/25	Homestead Site	Fixed

Airborne Sensors	Contact	Availability	Location	Remarks
GPS Dropsonde	Junhong Wang	5/13 – 6/25	FII Learjet	Airborne
GPS Dropsonde	Heinz Finkenzeller	5/13 – 6/25	DLR Falcon	Airborne
NASA NAST	Allan Larar	5/28 – 6/18	NASA Proteus	Airborne
NASA S-HIS	Ed Browell Revercomb	5/26 – 6/12	NASA DC-8	Airborne
TDL	Theresa Campos	5/13 – 6/25	NRL P-3	Airborne
RAF Instruments	David Rogers	5/13 – 6/25	NRL P-3	Airborne

Ground Stations	Contact	Availability	Location	Remarks
CART AERI	Wayne Feltz	5/13 – 6/25	ARM/CART	Fixed
CART BBSS	Wayne Feltz	5/13 – 6/25	ARM/CART	Fixed

CART MWR	Wayne Feltz	5/13 – 6/25	ARM/CART	Fixed
GPS stations	Joel Van Baelen	5/13 – 6/25	ARM/CART	Fixed
GPS SuomiNet	Chris Rocken John Brown	5/13 – 6/25	ARM/CART	Fixed
NCAR ISFF	Bob Grossman Tom Horst Peggy LeMone	5/13 – 6/25	9 fixed sites in KS and OK	Fixed
NCAR ISS/MAPR	Bill Brown Mike Susedik	5/13 – 6/25	Homestead Site	Fixed
NCAR TAOS	Ned Chamberlain	5/13 – 6/25	Homestead Site	Fixed
AERIBAGO	Wayne Feltz	5/13 – 6/25	Homestead Site	Fixed
DRI WV radiometer	David Kingsmill	5/13 – 6/25	Variable	Mobile
MIPS	Kevin Knupp	5/13 – 6/25	Near S-Pol	Mobile
NCAR MGLASS	Ned Chamberlain	5/13 – 6/25	Variable	Mobile
NCAR/RAP MGLASS	Ned Chamberlain	5/13 – 6/26	Homestead Site	Fixed
NCAR Reference Sonde	Junhong Wang	5/13 – 6/25	Homestead Site	Fixed
NSSL Mesonet	Conrad Ziegler Erik Rasmussen	5/13 – 6/25	Variable Near FC	Mobile
NSSL MCLASS	Erik Rasmussen	5/13 – 6/25	Variable Near FC	Mobile