

OFAP Funding Chart

Overall NSF Facilities Planning Schedule: <http://www.eol.ucar.edu/fps/OFAP/EOLcomposite.pdf>

Summary Costs FY08 Facility Deployment Requests EDO's FY09&10		requested	requested	requested	requested	approved	approved	approved	approved	
Project	Facility	LAOF Proposal	NRL Proposal	Cost Recovery	NSF Special	Deployment Allocation to LAOF	Deployment Allocation to NRL	Cost Recovery	NSF Special	Comments
University of Wyoming - King Air										
WAICO (formerly KAICEOE) Wyoming Airborne Integrated Cloud Observation Z Wang Univ. of Wyoming February to March 2008 Laramie, WY	King Air	\$82,029				\$82,029				Approved - to be paid w/ FY08 Funds
<i>Total:</i>		\$82,029	\$0	\$0	\$0	\$82,029	\$0	\$0	\$0	
GLDGPS - Measurement of Cloud Perturbation Pressures using Differential GPS T. Parish (U. of Wy) Laramie, Wyoming May 1-31, 2008	King Air	\$81,289				\$81,289				Approved - to be paid w/ FY08 Funds
<i>Total:</i>		\$81,289	\$0	\$0	\$0	\$81,289	\$0	\$0	\$0	
Ice In Clouds Experiment (ICE-L) A. Heymsfield (NCAR) October- December 2007 (FY08) JeffCo	WCR									\$96,104 paid from FY07 Project operations in FY08 carried forward from May 06 and Nov 06 summary
<i>Total:</i>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
SONDE 08 Simultaneous Observation of the Near Dryline Environment P. LeMone (NCAR) B Geerts (UWY) Texas Panhandle May 1 to June 9, 2008	King Air	\$238,017								
<i>Total:</i>		\$238,017	\$0							
King Air Totals:		\$401,335	\$0	\$0	\$0	\$163,318	\$0	\$0	\$0	
Colorado State University - CHILL										
	CHILL									
<i>Total:</i>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
CHILL Totals:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

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NCAR Facilities										
AHATS - Advection Horizontal Array Turbulence Study San Joaquin Valley, CA C. Tong (Clemson) Five weeks between May and August 2008	1 ISS 1 ISFF	\$144,984 \$216,966				\$144,984 \$216,966				Approved
	<i>Total:</i>	\$361,950	\$0	\$0	\$0	\$361,950	\$0	\$0	\$0	
TIMREX - Terrain-influenced Monsoon Rainfall Exp. W. C. Lee (NCAR) Taiwan May 15 to June 30, 2008	SPOL	\$684,885				\$684,885				Approved
	<i>Total:</i>	\$684,885	\$0	\$0	\$0	\$684,885	\$0	\$0	\$0	
START08 - Stratosphere - Troposphere Analyses of Regional Transport E. Atlas (U. of Miami) JeffCo April 21 to May 15, 2008 and June 16-28, 2008	G-V	\$347,276				\$283,878			\$63,398	Approved Partially funded from HIPPO special funds
	<i>Total:</i>	\$347,276	\$0	\$0	\$0	\$283,878	\$0	\$0	\$63,398	
SONDE 08 Simultaneous Observation of the Near Dryline Environment P. LeMone (NCAR) B Geerts (UWY) Texas Panhandle May 1 to June 9, 2008	ISFF	\$165,947								DECLINED
	<i>Total:</i>	\$165,947	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Ice in Clouds Experiment (ICE-L) A. Heymsfield (NCAR) September 24 2007 thru December 31, 2007 JeffCo	C-130									Approved \$314,798 paid from FY07 funds Project approved for operations in FY08 carried forward from May 06 and Nov. 6 summary
	<i>Total:</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
CPS - Cloud and Precipitation Study B. Albrecht (U. of Miami) South Florida August 1 to September 30, 2008	ISS/MAPR	\$168,814				\$168,814				Approved
	<i>Total:</i>	\$168,814	\$0	\$0	\$0	\$168,814	\$0	\$0	\$0	
ASCOS - Impact of Synoptic and Mesoscale Disturbances on BL Variability and the Surface Energy Budget of Sea Ice O. Person (CIRES/CU) North Pole on Swedish Icebreaker May - September 2008	ISFF	\$162,962								DECLINED
	<i>Total:</i>	\$162,962	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
NCAR Facilities Total:		\$1,891,834	\$0	\$0	\$0	\$1,499,527	\$0	\$0	\$63,398	
NCAR and University Requests:		\$2,293,169	\$0	\$0	\$0	\$1,662,845	\$0	\$0	\$63,398	

Unallocated Prior Year Funds	<u>\$96,973</u>
Funding Booked 07/03/07	\$1,957,642
Less NCAR Facilities Approved Allocations	-\$1,499,527
Total Funds Unallocated Residing at NCAR	<u>\$555,088</u>

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Experimental Design Overview FY08, FY09 and FY10										
Est Cost										
Sierra Hydrometeorology Atmospheric River Experiment (SHARE) David Kingsmill (CU) et al. California 1 December 08 - 31 January 09	SPOL King Air G-V plus drops ISS SPOL GAUS ISFF Dropsondes FPS/CDS CDS <i>Total:</i>	\$400,000 \$490,000 \$388,000 \$460,000 \$235,000 \$147,000 \$445,000 \$310,000 \$2,875,000								DECLINED Request carried forward from Nov 06 meeting materials Estimates from Page 27 of SPO
VOCALS Robert Wood (U. of WA) Arica or Iquique, Chile October, 2008	C-130 WCR Dropsondes Ops/logistics <i>Total:</i>	\$1,139,673 \$300,000 \$180,000 \$257,069 \$1,876,742								Special Funds to be requested for CDS and FPS carried forward from Nov 6 summary
DC3 Wichita, Kansas June July 2010	GV C-130 <i>Total:</i>	\$698,736 \$925,604 \$1,624,340								For this exercise the aircraft were based out of Wichita, KS. Wichita was selected as it has the highest per diem rate of the suggested bases of operation. I wanted to use worst case scenarios where possible. Because the project involves both aircraft a fifth pilot was added to the C-130 estimate. I'm sure travel costs will change as RAF works out staffing needs and crew changes. The benefit, indirect and AMR rates will almost certainly increase by the time the experiment is approved and funded. carried forward from Nov 6 summary email from GA on 11/28/07 provided aircraft cost estimate
VORTEX II & III - Verification of the Origins of Rotation in Tornadoes Experiment J. Wurman (CSWR) & E. Rasmussen (OU) Oklahoma April 1 to June 30 2009 and 2010	JeffCo Based Dropsondes MGAUS Lear Jet (WMI) Kansas Based Dropsondes MGAUS Lear Jet <i>Total:</i>	\$2.2M \$200K \$2.2M \$200K \$2,400,000								<i>These estimates are for the total cost for two years</i> <i>These estimates are for the total cost for two years</i> ? Special funds request (made by FPS) <i>These estimates are for the total cost for two years</i> <i>These estimates are for the total cost for two years</i> ? Special funds request (made by PI or EOL?) without estimate of Lear Jet
GLIMPSE Global Climate Change and Antarctic Peninsula Atmospheric Forcing T. Parish UWY, and D Bromwich (OSU) Punta Arenas, Chile August 1, 2009 - September 1, 2009	G-V Dropsondes <i>Total:</i>	\$1,075,763 \$144,575 \$1,220,338								encouraged to go forward
THORPEX Pacific Asian Regional Campaign (PARC) D. Parsons et al. (NCAR) July-August 2008 Japan	G-V GV Lidar Driftsondes Driftsonde Test NRL P-3 ELDORA Science Need Dropsondes G-V Dropsondes P3 RAF Instru OPS Ctr. FPS OPS Ctr. CDS <i>Total:</i>	\$899,744 \$222,925 \$3,063,774 \$827,214 \$2,210,000 \$499,249 \$159,751 \$504,722 \$548,307 \$225,205 \$377,553 \$417,217 \$ 9,955,661								declined declined likely approved, via CR likely approved, via CR approved approved ? But needed for ELDORA approved on the FALCON approved approved ? moot Pending awaiting MOU - French, expectation of cost share for NRL P-3 Expect decisions by September 2007 and Decision made at October/November 2007 OFAP Meeting