



FEMA

Semi-Annual Geospatial Data Coordination Report

December 19, 2011



Introduction

The Department of Homeland Security's (DHS's) Federal Emergency Management Agency (FEMA) has developed a Geospatial Data Coordination Policy that establishes the principles for coordinating, communicating, documenting, and reporting existing and proposed geospatial data collected, produced, or manipulated under FEMA's Risk MAP Program. The purpose is to facilitate data sharing and secondary data use. The primary goals of this policy are to ensure that the Risk MAP Program will:

1. protect its investments in geospatial data by requiring data to be documented, standard-compliant, and easily accessible to the general public when appropriate and release of the data does not pose a security risk;
2. maximize the use of partnerships, including Federal, State and local partners, for the acquisition and production of geospatial data;
3. minimize duplicative requests from Federal agencies to State and local data stewards;
4. recognize the value of existing coordination efforts at the State and local levels; and
5. comply with all Federal requirements for coordination and reporting of geospatial activities.

This report supports the objectives of the coordination policy and summarizes some of the key results of the policy implementation.

Summary

This report has two primary purposes. The first is to provide a summary of the funds spent by FEMA on elevation and imagery data and the value of geospatial data investments provided by other Federal, State, and local government agencies that have been leveraged by the Risk Map Program. Summary data and project listings of geospatial data contributions are provided below in the section entitled "Geospatial Leverage in Risk Map Projects".

The second purpose is to provide a summary of the data used by Risk MAP for the two most critical types of geospatial data for Risk Map. Elevation and imagery data sets collected or produced by FEMA's Risk Map program are listed to provide Agency members of the National Digital Elevation Program (NDEP), the National Digital Orthophoto Program (NDOP), and other potential users with a summary of these data sets. Listings of these data sets are provided below in the section entitled "Risk Map Ortho and Elevation Data Sets". These sections are subdivided into datasets "produced" in Risk MAP, and datasets "gathered" in Risk MAP. Produced in Risk MAP means that FEMA provided at least part of the funding for the data production. Gathered means that a community, state, other Federal Agency or other organization provided the data.

Orthophoto data used on the Risk MAP program is managed, distributed and archived by the USGS EROS Data Center.

Elevation data used on Risk MAP program is often available through the USGS, but the comprehensive archive is managed by the FEMA Engineering Library. Most of the data is available without restriction, but fees are usually charged for research and retrieval. Some partners who provide elevation data for FEMA projects restrict the redistribution of the data and FEMA does not make it available. Information on obtaining data from the FEMA Engineering Library is available at: http://www.fema.gov/plan/prevent/fhm/st_order.shtm

This report is updated on a semi-annual basis occurring in the Spring and Fall.



Geospatial Data Usage in FEMA Flood Studies - FEMA Funding versus Leverage

Region	Source	Base Map Data						Topographic Data					
		FY 2009		FY 2010		FY 2011		FY 2009		FY 2010		FY 2011	
1	FEMA budget	\$ 44,089	100%	\$ 34,031	5%	\$1,252	100%	\$ 680,262	100%	\$ 878,804	100%		
	Leverage			\$ 651,600	95%								
2	FEMA budget	\$ 258,446	47%	\$ 27,579	100%			\$ 1,133,327	64%	\$ 608,940	100%		
	Leverage	\$ 288,923	53%					\$ 650,016	36%				
3	FEMA budget	\$ 297,489	80%	\$ 208,462	99%	\$175,527	100%	\$ 123,988	45%	\$ 1,605,038	94%	\$ 860,942	100%
	Leverage	\$ 74,500	20%	\$ 2,935	1%			\$ 149,000	55%	\$ 93,450	6%		
4	FEMA budget	\$ 299,055	21%	\$ 7,890	100%			\$ 1,473,592	41%	\$ 6,334,330	100%	\$ 39,695	100%
	Leverage	\$ 1,124,450	79%					\$ 2,118,330	59%				
5	FEMA budget	\$ 188,396	65%	\$ 49,349	100%	\$56,600	100%	\$ 40,729	11%	\$ 1,896,804	86%	\$ 1,202,894	100%
	Leverage	\$ 100,500	35%					\$ 340,750	89%	\$ 301,912	14%		
6	FEMA budget	\$ 134,260	29%	\$ 17,784	91%	\$10,005	100%	\$ 742,584	59%	\$ 3,138,780	100%	\$ 85,571	100%
	Leverage	\$ 333,816	71%	\$ 1,716	9%			\$ 526,000	41%				
7	FEMA budget	\$ 140,927	52%	\$ 35,055	47%	\$104,957	100%	\$ 867,853	59%	\$ 1,282,326	94%	\$ 1,093,030	100%
	Leverage	\$ 128,242	48%	\$ 40,190	53%			\$ 593,600	41%	\$ 80,380	6%		
8	FEMA budget	\$ 87,064	22%	\$ 77,179	100%	\$18,488	71%	\$ 483,992	62%	\$ 424,567	100%	\$ 57,699	100%
	Leverage	\$ 310,362	78%			\$7,600	29%	\$ 301,775	38%				
9	FEMA budget	\$ 220,234	100%	\$ 227,881	99%			\$ 1,296,585	99%	\$ 2,084,310	100%		
	Leverage			\$ 3,290	1%			\$ 16,800	1%				
10	FEMA budget	\$ 143,195	100%	\$ 105,514	100%	\$13,104	100%	\$ 369,258	100%	\$ 886,853	100%	\$ 865,949	100%
	Leverage												
National	FEMA budget	\$ 1,813,155	43%	\$ 790,724	53%	\$379,933	98%	\$ 7,212,170	61%	\$19,140,752	98%	\$ 4,205,780	100%
	Leverage	\$ 2,360,793	57%	\$ 699,731	47%	\$7,600	2%	\$ 4,696,271	39%	\$ 475,742	2%	\$ -	0%

* Dollar values represent the total FEMA budget or value of Leverage, per region / per fiscal year / per data type (base map or topo data.)

In the columns immediately to the right of the dollar values are those FEMA budgets and Leverages expressed as a percentage of (FEMA budget + Leverage).

Empty cells indicate that no activity is reported.

FY10 is the last full reporting year. Budget and leverage data for FY11 is not complete as of the publication of this report.



Leverage in Risk MAP Projects

Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded	Leverage Dollar Value	Leverage Task Comments
1	CT	10-01-0665S	Acquire Base Map	Connecticut Department of Environmental Protection (CT DEP)	2010	\$86,200	
1	CT	10-01-0664S	Acquire Base Map	Connecticut Department of Environmental Protection (CT DEP)	2010	\$43,900	
1	CT	10-01-0663S	Acquire Base Map	Connecticut Department of Environmental Protection (CT DEP)	2010	\$77,200	
1	CT	10-01-0662S	Acquire Base Map	Connecticut Department of Environmental Protection (CT DEP)	2010	\$83,700	
1	MA	10-01-0661S	Acquire Base Map	Massachusetts Office of Geographic Information (MASS GIS)	2010	\$10,500	
1	NH	10-01-0672S	Acquire Base Map	New Hampshire Geographically Referenced Analysis and Information Transfer System	2010	\$183,100	
1	NH	10-01-0438S	Acquire Base Map	New Hampshire Geographically Referenced Analysis and Information Transfer System	2010	\$99,200	
1	VT	10-01-0671S	Acquire Base Map	VCGI	2010	\$67,800	
2	NJ	10-02-0578S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$25,519	
2	NJ	10-02-0957S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$4,669	Complete.
2	NJ	10-02-0956S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$10,492	
2	NJ	10-02-0954S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$5,627	Task Complete.
2	NJ	10-02-0680S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$11,750	
2	NJ	10-02-0675S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$2,927	
2	NJ	10-02-0673S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$2,962	
2	NJ	10-02-0672S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$18,529	
2	NJ	10-02-0671S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$47,158	Task Complete.
2	NJ	10-02-0670S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$13,230	Task complete.



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded	Leverage Dollar Value	Leverage Task Comments
2	NJ	10-02-0669S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$7,235	Task complete.
2	NJ	10-02-0581S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$48,930	
2	NJ	10-02-0568S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$56,107	
2	NJ	11-02-0615S	Develop Topographic Data	USGS - Missouri Water Science Center	2009	\$650,016	USGS HQ and FEMA HQ entered in an inter-agency agreement where USGS contributed \$650,016.26 (ARRA funds). This leverage was placed under "USGS - Missouri Water Science Center" as there was no generic category for "USGS HQ"
2	NJ	10-02-0591S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$33,788	
3	PA	07-03-0427S	Develop Topographic Data	U.S. Geological Survey, Pennsylvania District	2007	\$230,000	
3	PA	07-03-0435S	Develop Topographic Data	U.S. Geological Survey, Pennsylvania District	2007	\$112,500	
3	PA	07-03-0436S	Develop Topographic Data	U.S. Geological Survey, Pennsylvania District	2007	\$205,750	
3	PA	07-03-0438S	Develop Topographic Data	U.S. Geological Survey, Pennsylvania District	2007	\$99,250	
3	PA	07-03-0436S	Acquire Base Map	U.S. Geological Survey, Pennsylvania District	2007	\$82,200	base map provided by PAMAP, not available for selection in MIP
3	PA	10-03-0271S	Develop Topographic Data		2009	\$149,000	Lidar collection was by PAMAP, not RAMPP.
3	PA	10-03-0271S	Acquire Base Map	National Geospatial-Intelligence Agency (NGA)	2009	\$74,500	Also gathered by the USGS.
3	PA	10-03-0359S	Develop Topographic Data	U.S. Geological Survey, Pennsylvania District	2010	\$93,450	
3	VA	10-03-2084S	Acquire Base Map	Virginia DCR	2010	\$2,935	
4	AL	09-04-8084S	Acquire Base Map	Alabama Department of Economic and Community Affairs	2009	\$80,500	
4	AL	09-04-7728S	Develop Topographic Data	Alabama Department of Economic and Community Affairs	2009	\$124,200	
4	AL	09-04-7729S	Acquire Base Map	Alabama Department of Economic and Community Affairs	2009	\$79,000	
4	AL	09-04-7729S	Develop Topographic Data	Alabama Department of Economic and Community Affairs	2009	\$158,000	
4	AL	09-04-8024S	Develop Topographic Data	Alabama Department of Economic and Community Affairs	2009	\$159,000	



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded	Leverage Dollar Value	Leverage Task Comments
4	AL	09-04-8084S	Develop Topographic Data	Alabama Department of Economic and Community Affairs	2009	\$161,000	
4	AL	09-04-7728S	Acquire Base Map	Alabama Department of Economic and Community Affairs	2009	\$92,140	
4	AL	09-04-7728S	Acquire Base Map	Alabama Department of Economic and Community Affairs	2009	\$62,100	
4	AL	09-04-8024S	Acquire Base Map	Alabama Department of Economic and Community Affairs	2009	\$79,500	
4	FL	09-04-8602S	Acquire Base Map		2009	\$76,200	
4	FL	09-04-8602S	Develop Topographic Data		2009	\$115,200	Very Flat Terrain Less than 1000 sq mile
4	FL	10-04-3116S	Acquire Base Map		2009	\$150,600	1ft resolution Countywide
4	FL	10-04-3115S	Acquire Base Map		2009	\$95,300	1ft resolution Countywide
4	FL	10-04-3115S	Develop Topographic Data		2009	\$476,500	Lidar Countywide 953 sq miles
4	FL	10-04-3116S	Develop Topographic Data		2009	\$43,500	Lidar 9 sq miles & 78 sq miles 1 ft contours
4	GA	10-04-6259S	Acquire Base Map	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$44,500	Data provided by Coweta County
4	GA	10-04-6258S	Develop Topographic Data	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$68,800	Data provided by Cobb County, GA.
4	GA	10-04-6258S	Acquire Base Map	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$34,400	Data provided by Cobb County, GA.
4	GA	10-04-6259S	Develop Topographic Data	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$89,000	Data provided by Coweta County
4	GA	10-04-6262S	Develop Topographic Data	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$49,400	Community-supplied topo
4	GA	10-04-6264S	Develop Topographic Data	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$50,000	Data provided by Gwinnett County, GA
4	GA	10-04-6261S	Acquire Base Map	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$44,500	Community-supplied base map
4	GA	10-04-6264S	Acquire Base Map	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$43,600	Data provided by Gwinnett County, GA



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded	Leverage Dollar Value	Leverage Task Comments
4	GA	10-04-6260S	Develop Topographic Data	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$54,400	Data provided by DeKalb County
4	GA	10-04-6260S	Acquire Base Map	Georgia Department of Natural Resources, Floodplain Management Office	2009	\$27,200	Data provided by DeKalb County
4	KY	10-04-7841S	Develop Topographic Data	Kentucky Division of Water	2009	\$33,000	Local 2ft. contour equivalent derived from LIDAR.
4	KY	10-04-7834S	Acquire Base Map	Kentucky Division of Water	2009	\$30,000	Local 1 ft. aerial imagery.
4	KY	10-04-7837S	Acquire Base Map	USDA Farm Service Agency (FSA)	2009	\$21,200	2010 1ft. aerial imagery
4	KY	10-04-7841S	Acquire Base Map	Kentucky Division of Water	2009	\$16,500	Local 1ft. resolution aerial imagery.
4	KY	10-04-7843S	Acquire Base Map	USDA Farm Service Agency (FSA)	2009	\$30,900	FSA 2010 1m aerial imagery.
4	KY	10-04-7844S	Acquire Base Map	USDA Farm Service Agency (FSA)	2009	\$24,600	FSA 2 ft. aerial imagery
4	KY	10-04-7837S	Develop Topographic Data	Kentucky Division of Water	2009	\$42,400	Local 2' and 5' contour data.
4	KY	10-04-7834S	Develop Topographic Data	Kentucky Division of Water	2009	\$60,000	Local 2 ft. contour equivalent terrain.
4	MS	10-04-4167S	Develop Topographic Data	Mississippi Department of Environmental Quality, Office of Geology	2009	\$61,770	
4	TN	10-04-3156S	Develop Topographic Data		2009	\$31,360	
4	TN	10-04-3117S	Acquire Base Map		2009	\$5,430	
4	TN	10-04-3113S	Develop Topographic Data		2009	\$105,200	
4	TN	09-04-8601S	Acquire Base Map		2009	\$68,100	
4	TN	10-04-3117S	Develop Topographic Data		2009	\$108,600	
4	TN	10-04-3155S	Acquire Base Map		2009	\$5,080	
4	TN	10-04-3155S	Develop Topographic Data		2009	\$127,000	
4	TN	10-04-3156S	Acquire Base Map		2009	\$7,840	
4	TN	10-04-3113S	Acquire Base Map		2009	\$5,260	



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded	Leverage Dollar Value	Leverage Task Comments
5	MI	08-05-3687S	Develop Topographic Data		2009	\$139,750	559 square miles of IFSAR data. \$250 per square mile (Rolly to Hilly Terrain, less than 1000 square miles)
5	OH	08-05-3698S	Develop Topographic Data	Ohio Department of Natural Resources	2009	\$94,600	Countywide DEMs received from OSIP - Ohio Space Imagery Program
5	OH	08-05-3698S	Acquire Base Map	Ohio Department of Natural Resources	2009	\$47,300	MrSID Orthophotography was acquired from the Ohio Geographically Reference Information Program.
5	OH	10-05-2400S	Develop Topographic Data	Ohio Department of Natural Resources	2009	\$106,400	
5	OH	10-05-2400S	Acquire Base Map	Ohio Department of Natural Resources	2009	\$53,200	
5	WI	10-05-0307S	Develop Topographic Data	Wisconsin Department of Commerce	2010	\$301,912	
6	AR	10-06-0132S	Acquire Base Map		2009	\$66,700	Vector-based base map data provided by and approved for use in FEMA Flood Insurance Study by Arkansas Geographic Information Office (AGIO). Data was not in Appendix L format, but the shapes and attributes were used in preparation of the Digital Flood Insu
6	AR	10-06-1124S	Acquire Base Map	Arkansas Geographic Information Office (AGIO)	2009	\$62,900	Vector-based base map data provided by and approved for use in FEMA Flood Insurance Study by Arkansas Geographic Information Office (AGIO). Data was not in Appendix L format, but the shapes and attributes were used in preparation of the Digital Flood Ins
6	LA	10-06-0136S	Develop Topographic Data	LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT	2009	\$237,800	
6	LA	10-06-0137S	Acquire Base Map	Caldwell Parish, LA	2009	\$26,016	S_POL_AR and S_PLSS_AR
6	TX	10-06-0147S	Develop Topographic Data	TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (TCEQ)	2009	\$211,600	The LIDAR data came from Texas Water Development Board but TWDB does not appear in the drop down. Perhaps TWDB is under TCEQ.
6	TX	10-06-1117S	Acquire Base Map	TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (TCEQ)	2009	\$88,500	The North Central Texas Council of Governments (NCTCOG) has provided 2009 orthophotographs for the full extent of Collin County, Texas. According to Blue Book values for Base Map Data 1 foot Orthophotos, the data is valued at \$100/square mile.



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded	Leverage Dollar Value	Leverage Task Comments
6	TX	10-06-1117S	Develop Topographic Data	TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (TCEQ)	2009	\$19,600	The Texas Natural Resources Information System (part of the Texas Water Development Board) provided lidar data with Independent QA/QC. According to Blue Book values for Rolling to Hilly Terrain, this data is valued at \$230/square mile.
6	TX	10-06-1139S	Develop Topographic Data	TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (TCEQ)	2009	\$57,000	The Texas Natural Resources Information System (part of the Texas Water Development Board) provided lidar data with Independent QA/QC. According to Blue Book values for Rolling to Hilly Terrain, this data is valued at \$230/square mile.
6	TX	10-06-1139S	Acquire Base Map	TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (TCEQ)	2009	\$89,700	The North Central Texas Council of Governments (NCTCOG) has provided 2009 orthophotographs for the full extent of Collin County, Texas. According to Blue Book values for Base Map Data 1 foot Orthophotos, the data is valued at \$100/square mile.
6	TX	11-06-1123S	Acquire Base Map	TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (TCEQ)	2010	\$1,716	Orthophotos were provided by TNRIS and not TCEQ, but TNRIS is not available from the drop down menu.
7	IA	10-07-0464S	Acquire Base Map		2009	\$20,546	
7	IA	10-07-0464S	Develop Topographic Data		2009	\$205,460	
7	IA	10-07-0465S	Acquire Base Map		2009	\$100,200	
7	IA	10-07-0465S	Develop Topographic Data		2009	\$7,440	
7	IA	10-07-0466S	Acquire Base Map	Worth County, Iowa	2010	\$40,190	Worth County Orthophoto
7	IA	10-07-0466S	Develop Topographic Data	Iowa Department of Natural Resources	2010	\$80,380	2 foot contours, Countywide DEM, and LiDAR points
7	KS	10-07-0561S	Acquire Base Map		2009	\$1,168	
7	KS	10-07-0561S	Develop Topographic Data		2009	\$14,600	
7	KS	10-07-0015S	Develop Topographic Data	Kansas Division of Water Resources	2009	\$287,000	LiDAR provided for more accuracy.
7	NE	10-07-0558S	Acquire Base Map		2009	\$6,328	
7	NE	10-07-0558S	Develop Topographic Data		2009	\$79,100	
8	CO	11-08-0572S	Acquire Base Map		2011	\$5,100	Base map task is complete.



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded	Leverage Dollar Value	Leverage Task Comments
8	CO	11-08-0023S	Acquire Base Map		2011	\$2,500	The base map task is underway.
8	MT	09-08-0967S	Acquire Base Map	Montana Dept. of Natural Resources & Conservation (MTDNRC)	2009	\$89,600	
8	MT	07-08-0276S	Develop Topographic Data	Montana Dept. of Natural Resources & Conservation (MTDNRC)	2009	\$27,525	
8	MT	07-08-0276S	Acquire Base Map	Montana Dept. of Natural Resources & Conservation (MTDNRC)	2009	\$29,860	
8	ND	09-08-1007S	Acquire Base Map	North Dakota State Water Commission	2009	\$2,300	46 sq. mi. - 1m orthophoto @ \$50
8	ND	09-08-1007S	Develop Topographic Data	North Dakota State Water Commission	2009	\$87,400	46 sq mi - 6" LiDAR w/ ground control @ \$1,900
8	ND	10-08-0041S	Acquire Base Map		2009	\$176,500	
8	ND	10-08-0041S	Develop Topographic Data		2009	\$186,000	Not a contracted task, but have uploaded metadata for this task in order to get to the QC task.
8	SD	10-08-0039S	Acquire Base Map		2009	\$8,228	
8	SD	10-08-0039S	Develop Topographic Data		2009	\$850	
8	UT	10-08-0155S	Acquire Base Map		2009	\$3,874	
9	CA	10-09-0037S	Develop Topographic Data	City of Santa Rosa, CA	2009	\$5,800	The data meets FEMA's G&S.
9	CA	09-09-3068S	Develop Topographic Data	Mono County, CA	2009	\$11,000	Contributed by Mono County, CA for the Tri-Valley Floodplain Study
9	CA	09-09-0302S	Acquire Base Map	City of Santa Rosa, CA	2010	\$3,290	



Risk Map Elevation and Ortho Data Sets

Elevation Data Sets Produced in Risk MAP

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
1	CT	11-01-0721S	Quinnipiac HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Quinnipiac HUC8, CT	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	0.363	FEMA
1	MA	10-01-0660S	Dukes , MA - LiDAR		2009		LiDAR Terrain, Dukes County, Massachusetts	Massachusetts+Dukes	Complete	NAVD 88	TIN	LIDAR	No	1.2 meters	0.183	FEMA
1	MA	10-01-0661S	Nantucket , MA - DFIRM		2009		LiDAR Terrain, Nantucket County, Massachusetts	Massachusetts+Nantucket	Complete	NAVD 88	TIN	LIDAR	No	1.2 Meters	0.183	FEMA
1	MA	11-01-0716S	Blackstone HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Blackstone	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	0.363	FEMA
1	MA	11-01-0888S	Concord HUC8 - study - FY10	Kerry Bogdan	2010		Concord Watershed LiDAR (MA)	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.363	FEMA
1	MA	11-01-0720S	Nashua HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Nashua Watershed LiDAR (MA and NH)	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.363	FEMA
1	MA	11-01-0718S	Narragansett HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Narragansett	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	0.363	FEMA
1	MA	11-01-0717S	Charles HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Charles	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	0.363	FEMA
1	MA	12-TBD	Merrimack HUC8 - LiDAR - FY11	Kerry Bogdan	2011											
1	ME	10-01-0670S	Androscoggin , ME - DFIRM		2009		FEMA Case# 10-01-0670S Androscoggin , ME - DFIRM	Maine	Complete	NAVD 88	Mass Points/Break	LIDAR	To be determined	1	0	FEMA
1	NH	10-01-0672S	Coos , NH - DFIRM		2009		Coos County, NH 10-01-0672S	Unknown	Complete	NAVD 88	Mass Points/Break	LIDAR	To be determined	1	0.36	FEMA
1	NH	10-01-0438S	Carroll, NH - DFIRM	Kerry Bogdan	2009		Carroll County, NH, 10-01-0438S	New Hampshire	Complete	NAVD 88	Regular Grid	LIDAR	Yes, contact the lead	TBD	null	FEMA
1	NH	11-01-0720S	Nashua HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Nashua Watershed LiDAR (MA and NH)	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.363	FEMA
1	RI	10-01-0656S	Providence , RI - LiDAR		2009		Providence, RI LiDAR and Checkpoint Survey	Unknown	Complete	NAVD 88	TIN	LIDAR	No	1	0.18	FEMA
1	RI	10-01-0657S	Kent , RI - LiDAR		2009		LiDAR Terrain, Kent County, Rhode Island	Rhode Island+Kent	Complete	NAVD 88	TIN	LIDAR	No	1.2 meters	0.183	FEMA



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
1	RI	10-01-0658S	Newport , RI - DFIRM		2009		Newport, RI LiDAR and Checkpoint Survey	Unknown	Complete	NAVD 88	TIN	LIDAR	No	1	0.18	FEMA
1	VT	10-01-0671S	Bennington , VT - DFIRM		2009		FEMA Case# 10-01-0671S Bennington , VT - DFIRM	Unknown	Complete	NAVD 88	Mass Points/Break	LIDAR	To be determined	1	0	FEMA
1	VT	10-01-0671S	Bennington , VT - DFIRM		2009		FEMA Case# 10-01-0671S Bennington , VT - DFIRM	Unknown	Complete	NAVD 88	Mass Points/Break	LIDAR	To be determined	1	0	FEMA
2	NJ	11-02-0615S	NJ LiDAR - FY09	Paul Weberg	2009	\$650,016	Terrain data for Atlantic, Ocean, Monmouth Counties, NJ	Unknown	Complete	NAVD 88	Mass Points/Break	LIDAR	No	1	0.185	FEMA
2	NJ	11-02-1255S	NJ Burlington and Camden Co. LiDAR - FY10	Paul Weberg	2010		FEMA 2010 LIDAR Burlington and Camden, NJ	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.36	FEMA
2	NY	11-02-1479S	Rensselaer County, NY - CW- FY09		2009		Terrain data for Rensselaer County, NY	New York+Rensselaer	Proposed	NAVD 88	Mass Points/Break	LIDAR	To be determined	1	0.185	NYS DEC
2	NY	11-02-1277S	REG-(E)-02050105-Chemung-FY10	Alan Springett	2010		FEMA FY10 LIDAR Chemung, NY	New York+Chemung	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.36	FEMA
2	NY	12-TBD	Seneca Watershed		2011											
2	NY	12-TBD	Hudson-Hoosick Watershed		2011											
3	DC, MD, VA,	12-03-0415S	Middle Potomac-Catoctin Basin-Wide Study (~28 Communities)	Robin Danforth	2011											
3	MD	11-03-2783S	FY10 Placeholder	Robert Pierson	2010											
3	MD, PA, VA,	12-03-0413S	Conococheague-Opoquon Basin-Wide Study (~60 Communities)	Nikki Roberts	2011											
3	MD, VA, WV	12-03-0447S	Topo Data Acq: Conococheague-Opoquon, Middle Potomac-Catoctin Watersheds	Robin Danforth	2011											
3	VA	11-03-2089S	Topo Data Acq: VA LiDAR	Robin Danforth	2010											
3	WV	11-03-0773S	Topo Data Acq: WV LiDAR QA/QC	Jon Janowicz	2010											
4	AL	11-04-8021S	REG-AL TOPO FY10 MULTI HUC	Laura Algeo	2010											



Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
4	AL	12-TBD	Jackson, AL (01071)		2011											
4	AL	12-TBD	Calhoun, AL (01015)		2011											
4	FL	11-04-8514S	REG-Lower St Johns Basin FY10 TOPO 03080103	Mark Vieira	2010											
4	FL	11-04-7858S	REG-Lower Suwannee 03110205 TOPO FY10	Kristen Martinenza	2010											
4	FL	12-TBD	Ocklawaha Basin		2011											
4	GA	11-04-8016S	REG-GA TOPO FY10 MULTI HUC	Laura Algeo	2010											
4	GA	11-04-1621S	Coastal GA NE FL 18 Counties (FY2010)	Tucker Mahoney	2010											
4	KY	10-04-7842S	Lewis Co KY (FY2009)	Laura Algeo	2009		Lewis County, KY	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	0.18	Kentucky Division of Water (KDOW)
4	KY	10-04-7843S	Magoffin Co KY (FY2009)	Laura Algeo	2009		Magoffin County, KY	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	0.18	Kentucky Division of Water (KDOW)
4	KY	10-04-7846S	Pike Co KY (FY2009)	Laura Algeo	2009		Pike County, KY	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	0.18	Kentucky Division of Water (KDOW)
4	KY	10-04-7845S	Pendleton Co KY (FY2009)	Laura Algeo	2009											
4	KY	10-04-7839S	Hancock Co KY (FY2009)	Laura Algeo	2009		Hancock County, KY	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	0.18	Kentucky Division of Water (KDOW)
4	KY	10-04-7844S	Mason Co KY (FY2009)	Laura Algeo	2009		Mason County, KY	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	0.18	Kentucky Division of Water (KDOW)
4	KY	10-04-7838S	Greenup Co KY (FY2009)	Laura Algeo	2009		Greenup County, KY	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	0.18	Kentucky Division of Water (KDOW)
4	KY	10-04-7836S	Fayette Co KY (FY2009)	Laura Algeo	2009											
4	KY	10-04-7833S	Bracken Co KY (FY2009)	Laura Algeo	2009											
4	KY	10-04-7831S	Boyd Co KY (FY2009)	Laura Algeo	2009		Boyd County, KY	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	0.18	Kentucky Division of Water (KDOW)
4	KY	11-04-8035S	REG-KY Topo FY10 Multi HUC	Laura Algeo	2010											



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
4	KY	12-TBD	Lower Cumberland River Basin		2011											
4	MS	11-04-7968S	REG-Tenn-Tom Topo Multi HUC	Kristen Martinenza	2010											
4	SC	10-04-4870S	Lexington CO SC (FY2009)	Laura Algeo	2009											
4	SC	11-04-8180S	REG-SC Topo FY10 Multi HUC	Laura Algeo	2010											
4	SC	12-TBD	SC Topo FY11 Multi HUC		2011											
4	TN	11-04-8515S	REG-Stones River Basin FY10 TOPO 05130203	Mark Vieira	2010											
5	IL	11-05-2220S	RM-FY10-IL-Piatt LiDAR Data Collection Project-E	Suzanne Vermeer	2010		Piatt	Unknown	Complete	NAVD 88	Mass Points/Variable Spacing	LIDAR	Yes, contact the lead	TBD	0.363	FEMA
5	IL	11-05-2218S	RM-FY10-IL-Wabash LiDAR Data Collection Project-E	Suzanne Vermeer	2010		Wabash	Unknown	In work	NAVD 88	Mass Points/Variable Spacing	LIDAR	Yes, contact the lead agency	1	0.363	FEMA
5	IL	11-05-2219S	RM-FY10-IL-Saline LiDAR Data Collection Project-E	Suzanne Vermeer	2010		Saline	Unknown	Complete	NAVD 88	Mass Points/Variable Spacing	LIDAR	Yes, contact the lead	TBD	0.363	FEMA
5	IL	12-05-0809S	RM-FY11-IL & IN-Wabash River LiDAR Processing-E	Lee Traeger	2011											
5	IL	12-05-0737S	RM-FY11-IL-07130006-Sangamon LiDAR Collection & Processing-E	Lee Traeger	2011											
5	IL	12-05-0810S	RM-FY10-IL-Saline Watershed LiDAR Processing-E	Lee Traeger	2011		Saline	Unknown	Complete	NAVD 88	Mass Points/Variable Spacing	LIDAR	Yes, contact the lead agency	TBD	0.363	FEMA
5	IN	12-05-0809S	RM-FY11-IL & IN-Wabash River LiDAR Processing-E	Lee Traeger	2011											
5	MI	11-05-2215S	RM-FY10-MI-Traverse LiDAR Data Collection Project-E	Mike Hanke	2010		Traverse	Unknown	In work	NAVD 88	Mass Points/Variable Spacing	LIDAR	Yes, contact the lead agency	2 meters	0.726	FEMA
5	MI	11-05-2212S	RM-FY10-MI-Ironwood-1 LiDAR Project-E	Mike Hanke	2010		Ironwood 1	Unknown	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead	TBD	0.726	FEMA
5	MI	11-05-2214S	RM-FY10-MI-Ironwood-2 LiDAR Collection Project-E	Lee Traeger	2010		Ironwood2	Unknown	In work	NAVD 88	Mass Points/Variable Spacing	LIDAR	Yes, contact the lead agency	1	0.363	FEMA



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
5	MI	12-05-0819S	RM-FY11-MI- Traverse, MI LiDAR Processing-E	Lee Traeger	2011											
5	MI	12-05-0817S	RM-FY11-MI-Ironwood 1 LiDAR Processing-E	Lee Traeger	2011		Ironwood 1	Unknown	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead	TBD	0.726	FEMA
5	MI, WI	12-05-0818S	RM-FY11-MI & WI-Ironwood 2 LiDAR Processing-E	Lee Traeger	2011											
5	WI	11-05-2223S	RM-FY10-Rock LiDAR Data Collection Project-E	Lee Traeger	2010		Rock	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	TBD	0.363	FEMA
5	WI	11-05-2224S	RM-FY10-WI-Ozaukee LiDAR Collection Project-E	Lee Traeger	2010		Ozaukee	Unknown	Complete	NAVD 88	Mass Points/Variable Spacing	LIDAR	Yes, contact the lead agency	TBD	0.363	FEMA
5	WI	12-05-0817S	RM-FY11-MI-Ironwood 1 LiDAR Processing-E	Lee Traeger	2011		Ironwood 1	Unknown	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead	TBD	0.726	FEMA
5	WI	12-05-0735S	RM-FY11-WI-Sawyer LiDAR Collection & Processing-E	Lee Traeger	2011		Sawyer, WI	Unknown	In work	NAVD 88	Mass Points/Variable Spacing	LIDAR	Yes, contact the lead agency	1	0.363	FEMA
6	AR	10-06-0131S	Grant Co, AR (FY09)	Guy Lowes	2009		Grant County, AR LiDAR	Arkansas+Grant	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.12	FEMA
6	AR	10-06-1127S	Pulaski Co, AR (FY09 Levee)	Guy Lowes	2009											
6	AR	11-06-1553S	FY10 LiDAR Acquisition - Northeast AR	LiDAR Project - Guy Lowes	2010		FEMA FY1- LIDAR North East Arkansas	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.36	FEMA
6	AR	11-06-1563S	FY10 LiDAR Acquisition - Pulaski AR	LiDAR Project - Guy Lowes	2010		FEMA FY10 LIDAR Pulaski County, AR	Arkansas+Pulaski	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.36	FEMA
6	NM	10-06-0143S	Socorro Co, NM (FY09)	Jim Orwat	2009											
6	OK	11-06-1560S	FY10 LiDAR Acquisition - Ottawa, Delaware OK	LiDAR Project - Guy Lowes	2010		FEMA FY10 LIDAR Ottawa and Delaware, TX	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.36	FEMA
6	TX	11-06-1562S	FY10 LiDAR Acquisition - Parker TX	LiDAR Project - Guy Lowes	2010		FEMA FY10 LIDAR Parker County, TX	Texas+Parker	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.36	FEMA
6	TX	11-06-1551S	FY10 LiDAR Acquisition - Central TX	LiDAR Project - Guy Lowes	2010		FEMA FY10 LIDAR Central Texas	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.36	FEMA
6	TX	11-06-1552S	FY10 LiDAR Acquisition - Liberty TX	LiDAR Project - Guy Lowes	2010		FEMA FY10 LIDAR Liberty, TX	Texas+Liberty	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	0.36	FEMA
6	TX	11-06-0896S	Harris Co TX Addicks Reservoir (FY10)	Larry Voice	2011											



Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
7	IA	11-07-1083S	Upper Grand HUC10280101 - FY11/FY10 (O-W) - REG	Bob Franke	2010											
7	IA	11-07-0236S	Upper Grand - 76 RMAP FY10	Bob Franke	2010											
7	IA	12-07-0368S	Lower Grand HUC10280103 - FY 11 (O-W) - REG	Bob Franke	2011											
7	KS	10-07-0016S	RENO COUNTY, KS. RISK MAP 09	Bob Franke	2009											
7	KS	10-07-0005S	ATCHISON CO KS RISK MAP 09	Bob Franke	2009											
7	KS	10-07-0012S	MIAMI COUNTY, KS. RISK MAP 09	Bob Franke	2009											
7	KS	10-07-0009S	LEAVENWORTH COUNTY. RISK MAP 09	Bob Franke	2009											
7	KS	11-07-1996S	REG - Saline Co., Salina, KS. FY10 (Levee-PMR)	Bob Franke	2010											
7	KS	11-07-3553S	South Fork Ninnescah,KS. HUC 11030015 (LiDAR Acquisition)	Bob Franke	2011											
7	MO	09-07-2044S	CALLAWAY COUNTY, MO. RISK MAP 09	Bob Franke	2009											
7	MO	09-07-2050S	COLE COUNTY, MO. RISK MAP 09	Bob Franke	2009											
7	MO	09-07-2051S	JASPER COUNTY, MO. RISK MAP 09	Bob Franke	2009		Jasper County LiDAR	Missouri+Jasper	Complete	NAVD 88	To be Determined	To be Determined	Yes, contact the lead	TBD	null	FEMA
7	MO	09-07-2054S	OSAGE COUNTY, MO. RISK MAP 09	Bob Franke	2009											
7	MO	11-07-1083S	Upper Grand HUC10280101 - FY11/FY10 (O-W) - REG	Bob Franke	2010											
7	MO	11-07-1077S	Cahokia-Joachim-Huc 7140101 - 102 -RMAP FY10	Rick Nusz	2010											
7	MO	11-07-0542S	Dunklin County, Mo FY10 (Countywide)	Bob Franke	2010											



Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
7	MO	11-07-0236S	Upper Grand - 76 RMAP FY10	Bob Franke	2010											
7	MO	11-07-0235S	Big - Huc # 7140104 - 21 - RMAP FY 10	Bob Franke	2010											
7	MO	11-07-0317S	Mermac - Huc # 07140102 - 44 - RMAP FY10	Bob Franke	2010											
7	MO	12-07-0373S	Lower Missouri HUC10300200 - FY 11 (O-W) (Discovery Only) REG	Bob Franke	2011											
7	MO	12-07-0376S	Sac HUC10290106 - FY11 (O-W) REG	Bob Franke	2011											
7	MO	12-07-0377S	Upper Gasconade HUC10290201 - FY11 (O-W) REG	Bob Franke	2011											
7	MO	12-07-0375S	Lower Missouri Moreau HUC10300102 - FY 11 (O-W) - REG	Bob Franke	2011											
7	MO	12-07-0371S	South Fork Salt HUC07110006 - FY 11 (O-W) - REG	Bob Franke	2011											
7	MO	12-07-0370S	Lower Chariton HUC10280202 - FY11 (O-W) REG	Bob Franke	2011											
7	MO	12-07-0368S	Lower Grand HUC10280103 - FY 11 (O-W) - REG	Bob Franke	2011											
7	MO	12-07-0408S	Butler County, MO. Levee PMR	Bob Franke	2011											
7	MO	12-07-0372S	Cuivre HUC07110008 - FY 11 (O-W) REG	Bob Franke	2011											
7	NE	11-07-0469S	Elkhorn River, RMAP FY10-HQ Topo	Bob Franke	2010		Cuming, NE LIDAR	Nebraska+Cuming	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	1	null	FEMA
8	CO	09-08-0493S	Prowers County, CO		2009											
8	CO	10-08-1058S	Arkansas Headwaters basin-wide -4 communities (Chaffee County)		2010											



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
8	MT	09-08-0967S	Sanders County, MT		2009											
8	ND	10-08-1044S	Morton County, ND PMR FY10		2010											
8	SD	10-08-0040S	Sanborn County, SD (Woonsocket PMR) 09		2009		Sanborn Co, SD LiDAR Acquisition	South Dakota+Sanborn	Complete	NAVD 88	Regular Grid+Mass	LIDAR	No	1	0.182	FEMA
8	SD	12-TBD	Union County Topo		2011											
8	UT	09-08-1009S	Weber County, UT PMR FY09		2009											
9	AZ	09-09-3053S	Richland Area PMR (Cochise, AZ)	Bob Bezek	2009		Benson/St. David Cochise County Arizona	Arizona+Cochise	Complete	NAVD 88	DEM	LIDAR	No	2m	3.6	FEMA
9	AZ	09-09-3053S	Richland Area PMR (Cochise, AZ)	Bob Bezek	2009		Sierra Vista Cochise County Arizona	Unknown	Complete	NAVD 88	Contours	Photogrammetric	No	n/a	0.6	Cochise County
9	CA	11-09-2895S	North Yuba & Downie River PMR (Sierra, CA)	Kathy Schaefer	2009											
9	CA	11-09-2894S	Sierra Valley PMR (Plumas, CA)	Kathy Schaefer	2009											
9	CA	11-09-0675S	Central San Francisco Bay Study (Coastal)	Kathy Schaefer	2009		Central San Francisco Bay LiDAR	Unknown	Complete	NAVD 88	TIN	LIDAR	Yes, contact the lead	1	0.185	FEMA
9	CA	11-09-1846S	Sacramento, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-0211S	San Bernardino, CA - LiDAR	Ed Curtis	2010											
9	CA	11-09-2195S	South Bay (Bay Area Coastal)	Kathy Schaefer	2010											
9	CA	11-09-1852S	Yolo, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-1851S	Tehama, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-1850S	Stanislaus, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-1849S	Solano, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-1848S	Shasta, CA (LiDAR)	Kathy Schaefer	2010											



Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
9	CA	11-09-1847S	San Joaquin, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-0213S	Kern, CA - LiDAR	Ed Curtis	2010											
9	CA	11-09-0212S	Riverside, CA - LiDAR	Ed Curtis	2010											
9	CA	11-09-0461S	Modoc, CA - LiDAR	Kathy Schaefer	2010											
9	CA	11-09-1177S	Kern, CA (Topo)	Ed Curtis	2010											
9	CA	11-09-1840S	Butte, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-1841S	Colusa, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-1842S	Fresno, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-1843S	Glenn, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-1844S	Merced, CA (LiDAR)	Kathy Schaefer	2010											
9	CA	11-09-1845S	Placer, CA (LiDAR)	Kathy Schaefer	2010											
9	CA, AZ	12-TBD	FY11 CA and AZ - USGS LIDAR IAA		2011											
9	NV	09-09-3064S	Walker River PMR (Lyon County, NV)	Eric Simmons	2009											
10	AK	11-10-0344S	REG-Anchorage PMR-FY09 (EO)		2009											
10	AK	12-10-0018S	RM-FY11-AK-Prince William Sound-LiDAR		2011		Cordova, AK	Unknown	In work	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	0.363	FEMA
10	ID	11-10-0412S	Upper Henrys-ID-Fremont		2010											
10	ID	11-10-0411S	Teton-ID-Teton		2010											
10	ID	11-10-0401S	Lower Henrys-ID-Fremont		2010											



Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
10	ID	11-10-0502S	Payette-ID-Gem		2010											
10	OR	11-10-0352S	Lane - Willamette		2009											
10	OR	11-10-0501S	LiDAR Acquisition- Harney Co. (Silvies) and Jackson Co. (Upper Rogue)-OR		2010											
10	WA	11-10-0110S	REG-Kittitas County CW-FY09 (EO)		2010											
10	WA	12-TBD	Lower Chehalis Basin (Grays Harbor / Thurston Counties)		2011											



Elevation Data Sets Gathered in Risk MAP

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
1	MA	11-01-0535S	Suffolk MA - coastal study - FY10	Kerry Bogdan	2010		Charles	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	0.363	FEMA
1	MA	11-01-0532S	Norfolk MA - coastal study - FY10	Kerry Bogdan	2010		Charles	Unknown	Complete	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	0.363	FEMA
2	NJ	10-02-0568S	Atlantic County, NJ - Coastal and Riverine CW - FY09		2009		Terrain data for Atlantic, Ocean, Monmouth Counties, NJ	Unknown	Complete	NAVD 88	Mass Points/Break Lines	LIDAR	No	1	0.185	FEMA
3	MD	11-03-0518S	REG Harford County, MD, Countywide Rev	Robert Pierson	2009		Harford County Maryland LiDAR	Maryland+Harford	Complete	NAVD 88	Mass Points/Varia ble Spacing	LIDAR	Yes, contact the lead agency	TBD	0.3048	Harford County Department of Planning and Zoning
3	MD	11-03-0518S	REG Harford County, MD, Countywide Rev	Robert Pierson	2010		Harford County Maryland LiDAR	Maryland+Harford	Complete	NAVD 88	Mass Points/Varia ble Spacing	LIDAR	Yes, contact the lead agency	TBD	0.3048	Harford County Department of Planning and Zoning
3	PA	07-03-0427S	Bradford County, PA	Tiffany Keane	2009	\$230,000	PAMAP Program LiDAR Data of Pennsylvania	Pennsylvania	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	3	0.5	PA MAP Program
3	PA	07-03-0435S	Sullivan County, PA	Tiffany Keane	2009	\$112,500	PAMAP Program LiDAR Data of Pennsylvania	Pennsylvania	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	3	0.5	PA MAP Program
3	PA	07-03-0436S	Susquehanna County, PA	Tiffany Keane	2009	\$205,750	PAMAP Program LiDAR Data of Pennsylvania	Pennsylvania	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	3	0.5	PA MAP Program
3	PA	07-03-0438S	Wyoming County, PA	Tiffany Keane	2009	\$99,250	PAMAP Program LiDAR Data of Pennsylvania	Pennsylvania	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	3	0.5	PA MAP Program
3	PA	10-03-0271S	REG Allegheny County, PA	Robert Pierson	2009	\$149,000	PAMAP Program LiDAR Data of Pennsylvania	Pennsylvania	Complete	NAVD 88	Mass Points/Varia	LIDAR	No	3	0.5	PA MAP Program
3	VA	11-03-0846S	Topo Data Acq: WV LiDAR QA/QC (See 11-03-0773S)	Jon Janowicz	2010		WV DEP 2010 LIDAR	Unknown	Complete	NAVD 88	Mass Points/Varia ble Spacing	LIDAR	No	1	0.36	WVDEP
3	WV	11-03-0846S	Topo Data Acq: WV LiDAR QA/QC (See 11-03-0773S)	Jon Janowicz	2010		WV DEP 2010 LIDAR	Unknown	Complete	NAVD 88	Mass Points/Varia ble Spacing	LIDAR	No	1	0.36	WVDEP
4	AL	09-04-8085S	Baldwin County AL FY09	Laura Algeo	2009		Baldwin County, AL	Alabama+Baldwin	Complete	NAVD 88	Mass Points/Break	LIDAR	Yes, contact the lead	1	0.3	Baldwin County Commission
4	AL	09-04-8023S	Mobile County AL FY09	Laura Algeo	2009		Mobile County, AL	Alabama+Mobile	Complete	NAVD 88	Mass Points/Break	LIDAR	Yes, contact the lead	1	null	Mobile County, Alabama
4	AL	09-04-7728S	Elmore County AL FY09	Laura Algeo	2009	\$124,200	Elmore County, Alabama	Alabama+Elmore	Complete	NAVD 88	Contours	LIDAR	Yes, contact the lead	TBD	null	Alabama Power



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
4	AL	09-04-7729S	Montgomery County AL FY09	Laura Algeo	2009	\$158,000	Montgomery County, AL									
4	FL	10-04-3115S	Lake CO, FL (FY2009)	Mohammad Waliullah	2009	\$476,500	Lake, FL	Unknown	Complete	NAVD 88	Contours+DEM	LIDAR	Yes, contact the lead agency	1	0.3048	Lake County Board of County Commissioners, GIS Division
4	FL	10-04-3157S	Volusia CO, FL (FY2009)	Mohammad Waliullah	2009		Volusia County LiDAR	Florida+Volusia	Complete	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	1	FEMA
4	FL	09-04-8602S	Manatee County FL FY09	Mohammad Waliullah	2009	\$115,200	Manatee County FL FY09	Florida+Manatee	Complete	To be Determined	To be Determined	To be Determined	To be determined	TBD	null	To Be Determined
4	FL	10-04-3116S	Osceola CO, FL (FY2009)	Mohammad Waliullah	2009	\$43,500	Osceola FL LIDAR	Unknown	Complete	NAVD 88	Regular Grid	LIDAR	No	1	0.3048	FEMA
4	MS	10-04-4165S	George Co MS (FY2009)	Laura Algeo	2009		George, MS	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	1	George County, Mississippi
4	MS	10-04-4167S	Lauderdale CO MS (FY2009)	Laura Algeo	2009	\$61,770	Lauderdale, MS	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead agency	1	0.6096	City of Meridian, Public Works-Engineering Department
4	MS	10-04-4167S	Lauderdale CO MS (FY2009)	Laura Algeo	2009	\$61,770	Two-foot interval contours for the City of Meridian, MS	Unknown	Complete	NAVD 88	Contours+DEM+TIN	Photogrammetric	Yes, contact the lead	TBD	0.363	N/A
4	MS	10-04-4168S	Lee CO MS FY(2009)	Laura Algeo	2009		Lee County MS	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	0.6096	Lee County, Mississippi
4	MS	10-04-4165S	George Co MS (FY2009)	Laura Algeo	2009		Topographic Data Development (LiDAR acquisition and processing) for Camp Shelby, MS	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead agency	3	0.363	N/A
4	TN	10-04-3156S	Shelby CO, TN (FY2009)	Mohammad Waliullah	2009	\$31,360	Shelby County RiskMAP Study	Tennessee+Shelby	In work	NAVD 88	DEM	Photogrammetric	To be determined	TBD	3.05	FEMA
4	TN	10-04-3117S	Sumner CO, TN (FY2009)	Mohammad Waliullah	2009	\$108,600	Sumner County, TN FIRM	Unknown	Complete	NAVD 88	DEM	Photogrammetric	Yes, contact the lead	TBD	0.1	FEMA
4	TN	10-04-3113S	Davidson CO, TN (FY2009)	Mohammad Waliullah	2009	\$105,200	Davidson County FIRM	Tennessee+Davidson	Complete	NAVD 88	Contours+DEM	LIDAR	Yes, contact the lead	TBD	0.1	FEMA
4	TN	10-04-3113S	Davidson CO, TN (FY2009)	Mohammad Waliullah	2009	\$105,200	Davidson County FIRM	Tennessee+Davidson	Complete	NAVD 88	Contours+DEM	LIDAR	Yes, contact the lead	TBD	0.1	FEMA
4	TN	10-04-3155S	Knox CO, TN (FY2009)	Mohammad Waliullah	2009	\$127,000	Knox County RiskMAP Study	Tennessee+Knox	In work	NAVD 88	DEM	LIDAR	Yes, contact the lead	1	0.34	FEMA
4	TN	09-04-8601S	Hamilton County TN FY09	Mohammad Waliullah	2009		Hamilton County TN	Unknown	In work	To be Determined	Regular Grid	To be Determined	Yes, contact the lead	TBD	null	FEMA



Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
5	IL	11-05-0446S	RM-FY10-IL-City of Carmi, Unnamed Tributary, White County-O-W	Suzanne Vermeer	2010		City of Carmi, Illinois	Illinois+White	Complete	National Geodetic Vertical Datum of	Contours	Photogrammetric	Yes, contact the lead agency	TBD	null	City of Carmi, IL
5	IL	11-05-1526S	RM-FY10-IL-Lower Fox River Watershed (Kane County)-O-PMR	Suzanne Vermeer	2010		Kane County, IL	Illinois+Kane	Complete	NAVD 88	Contours	To be Determined	Yes, contact the lead agency	TBD	0.366	Kane County, IL
5	IL	11-05-0446S	RM-FY10-IL-City of Carmi, Unnamed Tributary, White County-O-W	Suzanne Vermeer	2010		City of Carmi, Illinois	Illinois+White	Complete	National Geodetic Vertical Datum of	Contours	Photogrammetric	Yes, contact the lead agency	TBD	null	City of Carmi, IL
5	IL	11-05-0446S	RM-FY10-IL-City of Carmi, Unnamed Tributary, White County-O-W	Suzanne Vermeer	2010		City of Carmi, Illinois	Illinois+White	Complete	National Geodetic Vertical Datum of	Contours	Photogrammetric	Yes, contact the lead agency	TBD	null	City of Carmi, IL
5	IN	10-05-2672S	RM-FY09-IN-Hamilton County-O-PMR	Mike Hanke	2009		Hamilton County, IN	Indiana+Hamilton	Complete	NAVD 88	Contours	Photogrammetric	Yes, contact the lead	TBD	0.305	Hamilton County Surveyors Office
5	IN	10-05-2675S	RM-FY09-IN-Johnson County-O-PMR	Mike Hanke	2009		Johnson County, IN	Indiana+Johnson	Complete	NAVD 88	Contours	Photogrammetric	Yes, contact the lead	TBD	0.305	Johnson County, IDNR and IDHS
5	IN	10-05-2666S	RM-FY09-IN-Allen County-O-PMR	Mike Hanke	2009		Allen County,IN	Indiana+Allen	Complete	NAVD 88	Contours	LIDAR	Yes, contact the lead	TBD	null	ALLEN COUNTY, IN
5	IN	10-05-2683S	RM-FY09-IN-Vigo County-L-PMR	Erin Maloney	2009		Vigo County, IN	Indiana+Vigo	Complete	NAVD 88	Contours	To be Determined	Yes, contact the lead	TBD	0.305	City of Terre Haute
5	IN	10-05-2674S	RM-FY09-IN-Hancock County-O-PMR	Mike Hanke	2009		Hancock County, IN	Indiana+Hancock	Complete	NAVD 88	Contours	Photogrammetric	Yes, contact the lead	TBD	0.305	Indiana Department of Natural Resources
5	IN	10-05-2671S	RM-FY09-IN-Bartholomew County-O-PMR	Mike Hanke	2009		Bartholomew County, IN	Indiana+Bartholomew	Complete	To be Determined	DEM	To be Determined	Yes, contact the lead agency	TBD	1.8288	Indiana Department of Natural Resources
5	IN	10-05-2671S	RM-FY09-IN-Bartholomew County-O-PMR	Mike Hanke	2009		Bartholomew County, IN	Indiana+Bartholomew	Complete	To be Determined	DEM	To be Determined	Yes, contact the lead agency	TBD	1.8288	Indiana Department of Natural Resources
5	IN	10-05-2666S	RM-FY09-IN-Allen County-O-PMR	Mike Hanke	2009		Allen County,IN	Indiana+Allen	Complete	NAVD 88	Contours	LIDAR	Yes, contact the lead	TBD	null	ALLEN COUNTY, IN
5	IN	10-05-2674S	RM-FY09-IN-Hancock County-O-PMR	Mike Hanke	2009		Hancock County, IN	Indiana+Hancock	Complete	NAVD 88	Contours	Photogrammetric	Yes, contact the lead	TBD	0.305	Indiana Department of Natural Resources
5	IN	10-05-2675S	RM-FY09-IN-Johnson County-O-PMR	Mike Hanke	2009		Johnson County, IN	Indiana+Johnson	Complete	NAVD 88	Contours	Photogrammetric	Yes, contact the lead	TBD	0.305	Johnson County, IDNR and IDHS
5	IN	10-05-2675S	RM-FY09-IN-Johnson County-O-PMR	Mike Hanke	2009		Johnson County, IN	Indiana+Johnson	Complete	NAVD 88	Contours	Photogrammetric	Yes, contact the lead	TBD	0.305	Johnson County, IDNR and IDHS



Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
5	IN	10-05-3845S	RM-FY09-IN-Marion County Updates-O-PMR	Mike Hanke	2009		Marion County, IN	Indiana+Marion	Complete	NAVD 88	Contours	To be Determined	Yes, contact the lead agency	TBD	0.305	City of Indianapolis, Marion County, IDNR and IDHS
5	IN	11-05-2687S	RM-FY10-IN-Little Calumet Leverage PMR Lake County-O-PMR	Erin Maloney	2010		LAKE COUNTY, INDIANA	Indiana+Lake	Complete	NAVD 88	Contours+DEM	To be Determined	Yes, contact the lead agency	TBD	0.304	Indiana Geographic Information Council
5	MI	10-05-2104S	RM-FY09-MI-Menominee County-O-CW	Mike Hanke	2009		Menominee, MI	Michigan+Menominee	Complete	NAVD 88	Regular Grid	IFSAR	Yes, contact the lead agency	5	1	FEMA
5	MI	08-05-3645S	RM-FY09-MI-Gladwin County-O-CW	Mike Hanke	2009		Gladwin, MI	Michigan+Gladwin	Complete	NAVD 88	Regular Grid	IFSAR	Yes, contact the lead	5	1	FEMA
5	MI	08-05-3687S	RM-FY09-MI-Dickinson County-O-CW	Mike Hanke	2009	\$139,750	Dickinson County, MI	Michigan+Dickinson	Complete	NAVD 88	Regular Grid	IFSAR	Yes, contact the lead	TBD	null	FEMA
5	MI	10-05-2099S	RM-FY09-MI-Crawford County-O-CW	Mike Hanke	2009		Crawford County, MI (Countywide DFIRM)	Michigan+Crawford	Complete	NAVD 88	DEM	IFSAR	Yes, contact the lead	TBD	1	FEMA
5	MI	10-05-2095S	RM-FY09-MI-Alcona County-O-CW	Mike Hanke	2009		Alcona, MI	Michigan+Alcona	Complete	NAVD 88	Regular Grid	IFSAR	Yes, contact the lead	5	1	FEMA
5	MI	10-05-2097S	RM-FY09-MI-Arenac County-O-CW	Mike Hanke	2009		ARENAC COUNTY, MICHIGAN, USA	Michigan+Arenac	Complete	NAVD 88	DEM	IFSAR	Yes, contact the lead	TBD	0.7	FEMA
5	MI	11-05-1544S	RM-FY10-MI-Ottawa County (Lower Grand River)-O-PMR	Mike Hanke	2010		OTTAWA COUNTY, MI	Michigan+Ottawa	Complete	NAVD 88	To be Determined	LIDAR	Yes, contact the lead agency	TBD	null	OTTAWA COUNTY, MI
5	MI	11-05-1539S	RM-FY10-MI-Macomb County (Lake St. Clair)-O-PMR	Erin Maloney	2010		MACOMB COUNTY, MI	Michigan+Macomb	Complete	NAVD 88	Mass Points/Break Lines	LIDAR	Yes, contact the lead agency	TBD	0.124	Southeast Michigan council of Governments Airborne Lidar Project Report
5	MI	11-05-1544S	RM-FY10-MI-Ottawa County (Lower Grand River)-O-PMR	Mike Hanke	2010		OTTAWA COUNTY, MI	Michigan+Ottawa	Complete	NAVD 88	To be Determined	LIDAR	Yes, contact the lead agency	TBD	null	Ottawa County GIS
5	MI	11-05-5071S	RM-FY10-MI-Midland County-O-PMR	Erin Maloney	2010		Midland County, Michigan	Michigan+Midland	Complete	To be Determined	To be Determined	To be Determined	Yes, contact the lead	TBD	null	Midland County, Michigan
5	MN	10-05-2108S	RM-FY09-MN-Kittson County-O-CW	Suzanne Vermeer	2009		Kittson County, MN (Countywide DFIRM)	Minnesota+Kittson	Complete	NAVD 88	DEM	LIDAR	No	TBD	0.314	International Water Institute's
5	MN	10-05-2109S	RM-FY09-MN-Wilkin County-O-CW	Suzanne Vermeer	2009		Wilkin County, MN (Countywide DFIRM)	Minnesota+Wilkin	Complete	NAVD 88	Mass Points/Break Lines	LIDAR	Yes, contact the lead agency	TBD	0.353	Minnesota Department of Natural Resources (DNR)
5	OH	10-05-2392S	RM-FY09-OH-Clermont County-O-PMR	Mike Hanke	2009		CLERMONT COUNTY, OHIO USA, Physical Map Revision	Ohio+Clermont	Complete	NAVD 88	Contours	LIDAR	Yes, contact the lead	TBD	0.589	Clermont County GIS Department



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
5	OH	11-05-1557S	RM-FY10-OH-Delaware County-O-PMR	Mike Hanke	2010		Delaware County, OH	Ohio+Delaware	Complete	NAVD 88	Mass Points/Break	LIDAR	Yes, contact the lead	TBD	0.366	Delaware County, OH
5	OH	11-05-2569S	RM-FY10-OH-Lucas County (Swan Creek FCP)-L-PMR	Mike Hanke	2010		LUCAS COUNTY, OHIO	Ohio+Lucas	Complete	NAVD 88	Contours	LIDAR	Yes, contact the lead agency	TBD	0.304	LUCAS COUNTY, OHIO
5	WI	10-05-0307S	RM-FY09-WI-Juneau County-O-CW	Ken Hinterlong	2009	\$301,912	Juneau County (WI) 2010 LiDAR	Wisconsin+Juneau	Complete	NAVD 88	Mass Points/Break	LIDAR	Yes, contact the lead	TBD	0.173	--Please Select--
5	WI	11-05-5511S	RM-FY09-WI-07070004-Sauk County Update (Baraboo River Watershed)-O-PMR	Lee Traeger	2009		Sauk countywide terrain dataset	Wisconsin+Sauk	Complete	NAVD 88	DEM	To be Determined	No	TBD	0.3	Sauk County, WI
5	WI	10-05-0308S	RM-FY09-WI-La Crosse County-O-CW	Lee Traeger	2009		La Crosse County, WI LIDAR Survey	Wisconsin+La Crosse	Complete	NAVD 88	Mass Points/Break	LIDAR	Yes, contact the lead	TBD	0.107	La Crosse County, WI LIDAR Survey
5	WI	10-05-0716S	RM-FY09-WI-Rock River Main Stem (Rock, Jefferson, & Dodge Counties)-O-W	Lee Traeger	2009		Rock River RiskMap, Dodge County Portion DFIRM	Wisconsin+Dodge	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead agency		0.061	Dodge County Land Information Office
5	WI	10-05-0716S	RM-FY09-WI-Rock River Main Stem (Rock, Jefferson, & Dodge Counties)-O-W	Lee Traeger	2009		Jefferson County, WI	Wisconsin+Jefferson	Complete	NAVD 88	Contours	To be Determined	Yes, contact the lead agency	TBD	3.109	Jefferson County, WI
6	LA	10-06-0136S	St. Helena Parish, LA (FY09)	Shona Gibson	2009	\$237,800	Louisiana Statewide LiDAR	Louisiana	Complete	NAVD 88	Mass Points/Break	LIDAR	No	1	0.1279	FEMA/Louisiana
6	TX	10-06-1139S	Tarrant Co, TX (FY09 PMR)	Ron Wanhanen	2009	\$57,000	Tarrant County, TX LiDAR	Unknown	Complete	NAVD 88	Mass Points/Break	LIDAR	Yes, contact the lead	0.6 m	0.07	Texas Water Development Board
6	TX	10-06-0147S	Zapata Co, TX (FY09)	Larry Voice	2009	\$211,600	Texas Water Development Board LiDAR	Texas+Zapata	Complete	NAVD 88	Mass Points/Break	LIDAR	No	1	0.228	Texas Water Development Board
6	TX	10-06-0145S	Leon Co, TX (FY09)	Larry Voice	2009		Terrain, Leon County, TX	Texas+Leon	Complete	NAVD 88	Regular Grid+Mass	LIDAR	No	5-foot	0.125	Texas Water Development Board
7	KS	10-07-0015S	SEDGWICK COUNTY, KS. RISK MAP 09	Bob Franke	2009	\$287,000	Wichita/Sedgwick LiDAR project 02015796	Kansas+Sedgwick	Complete	NAVD 88	Contours	LIDAR	Yes, contact the lead	2 FT	null	FEMA
7	MO	09-07-2056S	SALINE COUNTY, MO. RISK MAP 09	Bob Franke	2009		Taney Missouri DEM	Missouri+Taney	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead	TBD	null	FEMA
7	MO	09-07-2047S	CASS COUNTY, MO. RISK MAP 09	Bob Franke	2009		Cass County, MO LiDAR	Missouri+Cass	Complete	NAVD 88	Contours	LIDAR	Yes, contact the lead	2 Ft	0.69	FEMA
7	MO	09-07-2057S	TANEY COUNTY, MO. RISK MAP 09	Bob Franke	2009		TERRAIN, TANEY COUNTY, Missouri USA	Unknown	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead	1	0.60136	FEMA
7	NE	11-07-0778S	Platte, NE. Leve PMR (FY10)	Rick Nusz	2010	\$13,920	City of Columbus, Platte County, NE	Nebraska+Platte	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead	1	null	FEMA



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
8	ND	09-08-10075	Pembina County, ND PMR FY09		2009	\$87,400	Pembina County, ND PMR	Unknown	In work	NAVD 88	Contours	LIDAR	No	1	0.15	FEMA
8	ND	10-08-0041S	Cass County, ND (Sheyenne/Maple PCW) 09		2009	\$186,000	Cass Co, ND FEMA remapping project	North Dakota+Cass	Complete	NAVD 88	Mass Points/Break Lines	LIDAR	Yes, contact the lead agency	1	null	International Water Institute at NDSU
8	SD	10-08-0039S	Minnehaha County, SD (Sioux Falls PAL PMR) 09		2009	\$850	Minnehaha Sioux Falls Physical Map Revision	Unknown	Complete	NAVD 88	Contours	LIDAR	No		0.185	FEMA
8	SD	10-08-1075S	McCook County, SD		2010		Lake Vermillion LiDAR, McCook County, SD	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead	1	1	FEMA
9	CA	09-09-3059S	Contra Costa PMR (Contra Costa, CA)	Eric Simmons	2009		Contra Costa County CA EAR Topo Review	Unknown	Complete	NAVD 88	Contours+DEM	LIDAR	No	1.5	0.304	FEMA
9	CA	10-09-0023S	San Diego, Tijuana, Nestor PAL; SD River PMR (San Diego, CA)	Ed Curtis	2009		LiDAR for the City of San Diego	Unknown	Complete	NAVD 88	DEM	LIDAR	No	TBD	0.6096	City of San Diego
9	CA	10-09-0024S	Ventura CA (PAL)	Ed Curtis	2009		Ventura County LiDAR data	Unknown	Complete	NAVD 88	Mass Points/Break	LIDAR	No	TBD	0.6096	Ventura County LiDAR
9	CA	09-09-3049S	Lake County, CA (NAVD)	Eric Simmons	2009		Lake County Contours	California+Lake	In work	NAVD 88	Contours	Photogrammetric	No	TBD	0.06096	Lake County Public Works
9	CA	09-09-3052S	Dominguez Channel, Compton Creek PAL (Los Angeles, CA)	Ed Curtis	2009		Los Angeles County, CA	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead agency	1	0.6096	Los Angeles Region ? Imagery Acquisition Consortium (LAR-IAC)
9	CA	10-09-0039S	Penitencia, Coyote Creeks PMR (Santa Clara, CA)	Eric Simmons	2009		Santa Clara County CA PMR Topo Review	Unknown	Complete	NAVD 88	DEM	LIDAR	No	1.5	0.182	FEMA
9	CA	11-09-0708S	Kings River-Murphy's Slough PMR (Fresno, CA)	Kathy Schaefer	2009		Kings River-Murphy's Slough, CA	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead agency	1	0.112	California Department of Water Resources (DWR)
9	CA	11-09-0707S	Sutter Creek Study (Amador, CA)	Kathy Schaefer	2009		Amador County, CA	Unknown	Complete	NAVD 88	DEM+TIN	Photogrammetric	Yes, contact the lead	1	0.6096	City of Ione, Amador County, CA
9	CA	10-09-0039S	Penitencia, Coyote Creeks PMR (Santa Clara, CA)	Eric Simmons	2010		Santa Clara County CA PMR Topo Review	Unknown	Complete	NAVD 88	DEM	LIDAR	No	1.5	0.182	FEMA
9	CA	11-09-0919S	Bellona Creek Study (Los Angeles, CA)	Ed Curtis	2010		Ballona Creek Study - LA, CA	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead agency	1	0.24	Los Angeles Region ? Imagery Acquisition Consortium (LAR-IAC)



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
9	CA	11-09-09255	Santa Clara River & Tribs PMR (Los Angeles, CA)	Ed Curtis	2010		City of Palos Verdes Estates - LA, CA	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead agency	1	0.24	Los Angeles Region ? Imagery Acquisition Consortium (LAR-IAC)
9	CA	11-09-06755	Central San Francisco Bay Study (Coastal)	Kathy Schaefer	2010		Central San Francisco Bay LiDAR	Unknown	Complete	NAVD 88	TIN	LIDAR	Yes, contact the lead	1	0.185	FEMA
9	CA	11-09-09205	Las Virgenes Creek Study (Los Angeles, CA)	Ed Curtis	2010		Las Virgenes Creek Study - LA, CA	Unknown	Complete	NAVD 88	DEM+TIN	LIDAR	Yes, contact the lead agency	1	0.24	Los Angeles Region ? Imagery Acquisition Consortium (LAR-IAC)
9	CA	11-09-08655	Magpie Creek Study (PAL) (Sacramento, CA)	Kathy Schaefer	2010		Sacramento County CA Magpie Creek PMR	Unknown	Complete	NAVD 88	Regular Grid	LIDAR	Yes, contact the lead	2m	1.2	City of Sacramento
9	HI	11-09-09185	Waikapu Stream, Kehei Gulch PMR (Maui, HI)	Eric Simmons	2010		2004 Maui Kihei LiDAR	Unknown	Complete	To be Determined	Mass Points/Break	LIDAR	No	1	0.18	Maui County, HI
9	HI	11-09-08785	Honolulu, HI (PAL)	Eric Simmons	2010		Oahu FEMA LiDAR	Unknown	Complete	To be Determined	Mass Points/Break	LIDAR	No	1	0.18	Ouahu FEMA LiDAR
9	NV	10-09-00355	Evans Creek & White Lake PMR (Washoe, NV)	Eric Simmons	2009		Cirt of Reno contour data for Washoe County PMR	Unknown	Complete	NAVD 88	Regular Grid	Photogrammetric	Yes, contact the lead	1	0.3048	City of Reno
10	ID	11-10-01075	REG-Clark Fork (Lightning Cr) PAL PMR-FY09 (L)		2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	ID	11-10-01045	REG-Gem County CW-FY09 (O)		2009		Payette River - Gem, Valley, Payette Counties	Unknown	In work	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	0.363	FEMA
10	ID	11-10-01055	REG-Valley County CW-FY09 (O)		2009		Payette River - Gem, Valley, Payette Counties	Unknown	In work	NAVD 88	Mass Points/Varia	LIDAR	Yes, contact the lead	1	0.363	FEMA
10	OR	11-10-03515	REG-OR-Klamath County-CW-FY09 (EO)		2009		Klamath COunty, Oregon	Oregon+Klamath	Complete	NAVD 88	Regular Grid+TIN	LIDAR	Yes, contact the lead	TBD	0.03	FEMA
10	OR	11-10-01275	REG-Columbia County, OR PMR-FY09 (L)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	OR	11-10-01285	REG- Rainier PAL Columbia County PMR - FY09 (L)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	OR	11-10-01295	REG- Scappoose PAL Columbia County PMR - FY09 (L)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	WA	11-10-01425	REG-Woodland PAL Cowlitz County PMR-FY09 (L)		2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE



Reg #	St.	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraints	Horizontal Posting	Vertical Accuracy	Lead Agency
10	WA	11-10-0130S	REG-Cowlitz County PAL PMR-FY09 (L)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	WA	11-10-0131S	REG-Cowlitz River-Kelso PAL Cowlitz County PMR-FY09 (L)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	WA	11-10-0132S	REG-Longview PAL Cowlitz County PMR-FY09 (L)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	WA	11-10-0116S	REG-Washougal PAL-Clark County PMR-FY09 (L)		2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE



Ortho Data Sets Produced in Risk MAP

Reg#	State	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Actual Start	Actual End	Leverage Dollar Value	NDOP Tracker Title	County+State	Status	Image Type	GSD
2	NJ	10-02-0568S	Atlantic County, NJ - Coastal and Riverine CW - FY09		2009	10/1/09	1/29/10	\$56,107	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
3	MD	11-03-2783S	FY10 Placeholder	Robert Pierson	2010								
4	FL	11-04-1990S	Okaloosa Co FL (FY09)	Laura Algeo	2009	1/10/11							
7	IA	11-07-1083S	Upper Grand HUC10280101 - FY11/FY10 (O-W) - REG	Bob Franke	2011								
7	MO	11-07-1083S	Upper Grand HUC10280101 - FY11/FY10 (O-W) - REG	Bob Franke	2011								
10	ID	11-10-0428S	PMR-Priest Lake-ID-Bonner		2010	12/20/10	12/21/10						
10	OR	11-10-0355S	REG-OR-Clatsop County Coastal-FY09 (C)		2010	12/1/10	10/18/11						
10	OR	11-10-0350S	REG-OR-Lincoln County Coastal-FY09 (C)		2010	5/1/11							
10	OR	11-10-0349S	REG-OR-Tillamook County Coastal-FY09 (C)		2010	5/1/11							
10	WA	11-10-0102S	King County CTP FY09	David Ratte	2009	4/15/10							



Ortho Data Sets Gathered in Risk MAP

Reg#	State	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Actual Start	Actual End	Leverage Dollar Value	NDOP Tracker Title	County+State	Status	Image Type	GSD
2	NJ	10-02-1225S	Hunterdon County, NJ - PMR, CW Post Prelim - FY09		2009	2/1/10	5/14/10		New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
2	NJ	10-02-0673S	Somerset County, NJ - Millstone River PMR - FY09		2009	10/1/09	5/11/10	\$2,962	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
2	NJ	10-02-0672S	Passaic County, NJ - Passaic River PMR - FY09		2009	10/1/09	3/4/10	\$18,529	New Jersey 2007 - 2008 High Resolution Orthophotography, MrSID 5K Tiles (2009 revision) fo	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural Color	.3 meters
2	NJ	10-02-0591S	Salem County, NJ - Coastal CW w/ Post Prelim - FY09		2009	10/1/09	1/29/10	\$33,788	New Jersey 2007 - 2008 High Resolution Orthophotography, MrSID 5K Tiles (2009 revision) fo	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural Color	.3 meters
2	NJ	10-02-0670S	Monmouth County, NJ - Coastal PMR - FY09		2009	12/3/09	3/26/10	\$13,230	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
2	NJ	10-02-0669S	Middlesex County, NJ - Coastal PMR - FY09		2009	10/1/09	3/26/10	\$7,235	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
2	NJ	10-02-0578S	Cape May County, NJ - Coastal and Riverine CW - FY09		2009	10/1/09	1/15/10	\$25,519	New Jersey 2007 - 2008 High Resolution Orthophotography, MrSID 5K Tiles (2009 revision) fo	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural Color	.3 meters
2	NJ	10-02-0671S	Ocean County, NJ - Coastal and Riverine PMR - FY09		2009	10/29/09	4/5/10	\$47,158	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
2	NJ	10-02-1258S	Mercer County, NJ - PMR CW Post Prelim - FY09		2009	3/1/10	5/14/10		New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
2	NJ	10-02-0581S	Cumberland County, NJ - Coastal and Riverine CW w/ Post Prelim - FY09		2009	10/1/09	1/29/10	\$48,930	New Jersey 2007 - 2008 High Resolution Orthophotography, MrSID 5K Tiles (2009 revision) fo	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural Color	.3 meters
2	NJ	10-02-0957S	Hudson County, NJ - Coastal and Passaic River PMR - FY09		2009	10/1/09	4/5/10	\$4,669	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
2	NJ	10-02-0675S	Union County, NJ - Coastal and Riverine PMR - FY09		2009	11/1/09	4/5/10	\$2,927	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
2	NJ	10-02-0956S	Morris County, NJ - Ind. Stream and Passaic River PMR CW Post Prelim -FYC		2009	10/1/09	5/19/10	\$10,492	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural Color	.3 meters
2	NJ	10-02-0954S	Essex County, NJ - Coastal and Passaic River PMR - FY09		2009	10/1/09	4/1/10	\$5,627	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters



Reg#	State	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Actual Start	Actual End	Leverage Dollar Value	NDOP Tracker Title	County+State	Status	Image Type	GSD
2	NJ	10-02-0680S	Bergen County, NJ - Ind. Riverine QA/QC and Passaic River PMR - FY09		2009	10/1/09	5/19/10	\$11,750	New Jersey 2007 - 2008 High Resolution Orthophotography	New Jersey	Complete	Source/RGB Natural Color+Product/RGB Natural Color	.3 meters
2	NY	11-02-1429S	REG-(W-PCW)-02050105-Chemung-FY10-Steuben Co. NY	Robert Schaefer	2010	4/15/11			Orthoimagery for Steuben County, NY	New York+Steuben	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
2	NY	11-02-1425S	REG-(W-PMR)-02050105-Chemung-FY10-Chemung Co. NY	Robert Schaefer	2010	4/15/11			2010 imagery for Chemung County, NY	New York+Chemung	Complete	Source/RGB Natural Color+Product/RGB Natural	.2 meters
2	NY	11-02-1428S	REG-(W-PCW)-02050105-Chemung-FY10-Schuyler Co. NY	Robert Schaefer	2010	4/15/11			Orthoimagery for Schuyler County, NY	New York+Schuyler	Complete	Source/RGB Natural Color+Product/RGB Natural	1 meter
3	MD	11-03-0518S	REG Harford County, MD, Countywide Rev	Robert Pierson	2010	2/1/11	3/31/11		Harford County Maryland Orthoimagery	Unknown	Complete	Source/Panchromatic+Product/Panchromatic	1 meter
3	PA	07-03-0436S	Susquehanna County, PA	Tiffany Keane	2009	10/15/09	11/30/09	\$82,200	PA MAP Program High Resolution Orthoimagery	Pennsylvania	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
3	PA	10-03-0271S	REG Allegheny County, PA	Robert Pierson	2009	11/2/09	3/26/10	\$74,500	PA MAP Program High Resolution Orthoimagery	Pennsylvania	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
3	PA	07-03-0427S	Bradford County, PA	Tiffany Keane	2009	11/1/09	3/4/10		PA MAP Program High Resolution Orthoimagery	Pennsylvania	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
3	PA	10-03-0359S	Northampton County, PA	Robert Pierson	2009	6/1/10	7/13/10		PA MAP Program High Resolution Orthoimagery	Pennsylvania	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
3	PA	07-03-0435S	Sullivan County, PA	Tiffany Keane	2009	11/1/09	12/30/09		PA MAP Program High Resolution Orthoimagery	Pennsylvania	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
3	PA	07-03-0438S	Wyoming County, PA	Tiffany Keane	2009	10/15/09	11/30/09		PA MAP Program High Resolution Orthoimagery	Pennsylvania	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
3	PA	06-03-A623S	Butler County, PA	Nikki Roberts	2009	8/7/06	8/17/09		PA MAP Program High Resolution Orthoimagery	Pennsylvania	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
3	PA	06-03-A652S	Armstrong County, PA	Nikki Roberts	2009	8/7/06	8/17/09		PA MAP Program High Resolution Orthoimagery	Pennsylvania	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
3	PA	06-03-A631S	Greene County, PA	Nikki Roberts	2009	8/7/06	11/30/09		PA MAP Program High Resolution Orthoimagery	Pennsylvania	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
4	AL	09-04-8023S	Mobile County AL FY09	Laura Algeo	2009	10/3/09	10/28/11		Mobile County, AL	Alabama+Mobile	Complete	Source/To be determined+Prod	.3 meters
4	AL	09-04-7728S	Elmore County AL FY09	Laura Algeo	2009	6/16/09	9/8/09	\$154,240	Elmore County Aerials				
4	AL	09-04-7729S	Montgomery County AL FY09	Laura Algeo	2009	6/16/09	10/29/10	\$79,000	Montgomery County, AL				
4	FL	10-04-3116S	Osceola CO, FL (FY2009)	Mohammad Waliullah	2009	1/18/10	8/17/10	\$150,600	Osceola Fl Orthophotography	Unknown	Complete	Source/RGB Natural Color+Product/RGB Natural	1 meter



Reg#	State	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Actual Start	Actual End	Leverage Dollar Value	NDOP Tracker Title	County+State	Status	Image Type	GSD
4	FL	09-04-8602S	Manatee County FL FY09	Mohammad Waliullah	2009	3/1/10	5/21/10	\$76,200	Manatee County FL FY09	Florida+Manatee	Complete	Source/To be determined+Product/To be	To Be Determine
4	FL	10-04-3115S	Lake CO, FL (FY2009)	Mohammad Waliullah	2009	1/18/10	8/17/10	\$95,300	LakeCo_Imagery	Florida+Lake	Complete	Source/RGB Natural Color+Product/BW	.3 meters
4	FL	10-04-3157S	Volusia CO, FL (FY2009)	Mohammad Waliullah	2009	2/1/10	8/30/10		Volusia County Flood Insurance Study	Florida+Volusia	In work	Source/RGB Natural Color+Product/RGB Natural	.3 meters
4	TN	10-04-3113S	Davidson CO, TN (FY2009)	Mohammad Waliullah	2009	2/1/10	8/15/10	\$5,260	Davidson County FIRM	Unknown	Complete	Source/RGB Natural Color+Product/RGB Natural	1 meter
4	TN	10-04-3117S	Sumner CO, TN (FY2009)	Mohammad Waliullah	2009	1/18/10	8/15/10	\$5,430	Sumner County, TN FIRM	Unknown	Complete	Source/Panchromatic+Product/Panchromatic	1 meter
4	TN	10-04-3117S	Sumner CO, TN (FY2009)	Mohammad Waliullah	2009	1/18/10	8/15/10	\$5,430	Sumner County, TN FIRM	Unknown	Complete	Source/Panchromatic+Product/Panchromatic	1 meter
4	TN	10-04-3156S	Shelby CO, TN (FY2009)	Mohammad Waliullah	2009	2/1/10	4/16/10	\$7,840	Shelby County RiskMAP Study	Tennessee+Shelby	In work	Source/RGB Natural Color+Product/RGB Natural	.2 meters
4	TN	10-04-3156S	Shelby CO, TN (FY2009)	Mohammad Waliullah	2009	2/1/10	4/16/10	\$7,840	Shelby County RiskMAP Study	Tennessee+Shelby	In work	Source/RGB Natural Color+Product/RGB Natural	.2 meters
4	TN	10-04-3156S	Shelby CO, TN (FY2009)	Mohammad Waliullah	2009	2/1/10	4/16/10	\$7,840	Shelby County RiskMAP Study	Tennessee+Shelby	In work	Source/RGB Natural Color+Product/RGB Natural	.2 meters
4	TN	10-04-3156S	Shelby CO, TN (FY2009)	Mohammad Waliullah	2009	2/1/10	4/16/10	\$7,840	Shelby County RiskMAP Study	Tennessee+Shelby	In work	Source/RGB Natural Color+Product/RGB Natural	.2 meters
4	TN	09-04-8601S	Hamilton County TN FY09	Mohammad Waliullah	2009	5/26/10	6/23/10	\$68,100	Hamilton County TN	Unknown	In work	Source/To be determined+Product/To be	To Be Determine
4	TN	10-04-3155S	Knox CO, TN (FY2009)	Mohammad Waliullah	2009	2/1/10	6/9/10	\$5,080	Knox County RiskMAP Study	Tennessee+Knox	In work	Source/RGB Natural Color+Product/RGB Natural	.2 meters
5	IL	10-05-0922S	RM-FY09-IL-Cook County 2009 Updates-O-PMR	Suzanne Vermeer	2009	1/4/10			Cook County, Illinois	Illinois+Cook	Complete	Source/RGB Natural Color+Product/RGB Natural	To Be Determine
5	IL	10-05-0922S	RM-FY09-IL-Cook County 2009 Updates-O-PMR	Suzanne Vermeer	2009	1/4/10			Cook County, Illinois	Illinois+Cook	Complete	Source/RGB Natural Color+Product/RGB Natural	To Be Determine
5	IL	11-05-1526S	RM-FY10-IL-Lower Fox River Watershed (Kane County)-O-PMR	Suzanne Vermeer	2010	4/1/11	5/27/11		KANE COUNTY, ILLINOIS	Illinois+Kane	Complete	Source/RGB Natural Color+Product/RGB Natural Color	.2 meters
5	MI	10-05-2104S	RM-FY09-MI-Menominee County-O-CW	Mike Hanke	2009	2/3/10	2/24/10		Menominee, MI	Michigan+Menominee	Complete	Source/Panchromatic+Product/Panchromatic	To Be Determine
5	MI	10-05-2097S	RM-FY09-MI-Arenac County-O-CW	Mike Hanke	2009	1/4/10	3/2/10		Arenac, MI	Michigan+Arenac	Complete	Source/Panchromatic+Product/Panchromatic	To Be Determine



Reg#	State	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Actual Start	Actual End	Leverage Dollar Value	NDOP Tracker Title	County+State	Status	Image Type	GSD
5	MI	08-05-3687S	RM-FY09-MI-Dickinson County-O-CW	Mike Hanke	2009	1/1/10	2/24/10		Dickinson, MI	Michigan+Dickinson	Complete	Source/RGB Natural Color+Product/RGB Natural	To Be Determine
5	MI	08-05-3645S	RM-FY09-MI-Gladwin County-O-CW	Mike Hanke	2009	1/4/10	2/16/10		Gladwin, MI	Michigan+Gladwin	Complete	Source/Panchromatic+Product/Panchromatic	To Be Determine
5	MI	11-05-1539S	RM-FY10-MI-Macomb County (Lake St. Clair)-O-PMR	Erin Maloney	2010	1/31/11	5/13/11		MACOMB COUNTY, MI	Michigan+Macomb	Complete	Source/To be determined+Product/To be	.2 meters
5	MI	11-05-1544S	RM-FY10-MI-Ottawa County (Lower Grand River)-O-PMR	Mike Hanke	2010	12/15/10	2/4/11		OTTAWA COUNTY, MI	Michigan+Ottawa	Complete	Source/To be determined+Product/To be	To Be Determine
5	MN	07-05-0460S	Nobles County, MN (Countywide DFIRM)	Suzanne Vermeer	2009	12/1/07	6/30/08		Nobles, MN	Minnesota+Nobles	Complete	Source/RGB Natural Color+Product/RGB Natural	To Be Determine
5	MN	10-05-2108S	RM-FY09-MN-Kittson County-O-CW	Suzanne Vermeer	2009	1/4/10	1/6/10		Kittson County, MN DFIRM Mapping	Unknown	Complete	Source/To be determined+Product/To be	To Be Determine
5	MN	10-05-2109S	RM-FY09-MN-Wilkin County-O-CW	Suzanne Vermeer	2009	2/22/10	3/29/10		Wilkin, MN	Minnesota+Wilkin	Complete	Source/Panchromatic+Product/Panchromatic	To Be Determine
5	OH	10-05-2392S	RM-FY09-OH-Clermont County-O-PMR	Mike Hanke	2009	1/25/10	2/11/10		2009 Clermont County Aerial Photo	Ohio+Clermont	Complete	Source/RGB Natural Color+Product/RGB Natural	.2 meters
5	OH	11-05-1557S	RM-FY10-OH-Delaware County-O-PMR	Mike Hanke	2010	2/1/11	5/3/11		DELAWARE COUNTY, OHIO	Ohio+Delaware	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
5	OH	11-05-2568S	RM-FY10-OH-Lucas County (Point Place FCP)-L-PMR	Mike Hanke	2010	2/18/11	3/9/11		LUCAS COUNTY, OH	Ohio+Lucas	Complete	Source/To be determined+Product/To be	To Be Determine
5	WI	10-05-6390S	RM-FY09-WI-Vilas County-O-CW	Lee Traeger	2009	9/1/10	3/21/11		Vilas County, WI Countywide	Wisconsin+Vilas	Complete	Source/RGB Natural Color+Prod	To Be Det
5	WI	10-05-2448S	RM-FY09-WI-Forest County-O-CW	Ken Hinterlong	2009	1/15/10	4/7/10		Forest,WI	Wisconsin+Forest	Complete	Source/RGB Natural Color+Product/RGB Natural	To Be Determine
5	WI	10-05-0308S	RM-FY09-WI-La Crosse County-O-CW	Lee Traeger	2009	11/1/09	3/22/10		La Crosse, WI	Wisconsin+La Crosse	Complete	Source/Panchromatic+Product/Panchromatic	To Be Determine
5	WI	10-05-6388S	RM-FY09-WI-Jackson County-O-CW	Lee Traeger	2009	9/1/10	12/15/10		Jackson County, WI	Wisconsin+Jackson	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
5	WI	10-05-6392S	RM-FY09-WI-Waushara County-O-CW	Lee Traeger	2009	12/1/10	7/18/11		Waushara County, WI	Wisconsin+Waushara	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
5	WI	11-05-5511S	RM-FY09-WI-07070004-Sauk County Update (Baraboo River Watershed)-O-PMR	Lee Traeger	2009	10/19/09	5/13/11		Sauk County, WI	Wisconsin+Sauk	Complete	Source/Panchromatic+Product/Panchromatic	.3 meters
5	WI	10-05-6387S	RM-FY09-WI-Oneida County-O-CW	Lee Traeger	2009	4/1/11	8/3/11		Oneida County, WI	Wisconsin+Oneida	Complete	Source/RGB Natural Color+Product/Panchromatic+Pr	.3 meters



Reg#	State	Case Number	MIP Project Name	FEMA Regional Engineer	Task FY	Actual Start	Actual End	Leverage Dollar Value	NDOP Tracker Title	County+State	Status	Image Type	GSD
5	WI	10-05-0716S	RM-FY09-WI-Rock River Main Stem (Rock, Jefferson, & Dodge Counties)-O-W	Lee Traeger	2009	9/21/09	4/7/10		Dodge County, WI (Rock River RiskMap DFIRM Update)	Wisconsin+Dodge	Complete	Source/Panchromatic+Product/Panchromatic	.5 meters
5	WI	10-05-0307S	RM-FY09-WI-Juneau County-O-CW	Ken Hinterlong	2009	9/21/09	12/20/10		Juneau County, WI	Wisconsin+Juneau	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
8	CO	11-08-0572S	Mesa County, CO PMR		2010	4/15/11	5/27/11	\$5,100	Ranchmen's Ditch PMR	Unknown	Complete	Source/RGB Natural Color+Prod	.2 meters
9	AZ	11-09-0922S	Verde River PMR (Yavapai, AZ)	Bob Bezek	2010	12/27/10	4/30/11		Yavapai County DFIRM	Arizona+Yavapai	Complete	Source/RGB Natural Color+Prod	.2 meters
9	NV	09-09-3064S	Walker River PMR (Lyon County, NV)	Eric Simmons	2009	7/15/10	10/27/10		Lyon County NV PMR	Unknown	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
10	OR	11-10-0351S	REG-OR-Klamath County-CW-FY09 (EO)		2009	3/14/11	9/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
10	OR	11-10-0351S	REG-OR-Klamath County-CW-FY09 (EO)		2009	3/14/11	9/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
10	OR	11-10-0351S	REG-OR-Klamath County-CW-FY09 (EO)		2009	3/14/11	9/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
10	OR	11-10-0351S	REG-OR-Klamath County-CW-FY09 (EO)		2009	3/14/11	9/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
10	OR	11-10-0351S	REG-OR-Klamath County-CW-FY09 (EO)		2009	3/14/11	9/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
10	OR	11-10-0351S	REG-OR-Klamath County-CW-FY09 (EO)		2009	3/14/11	9/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
10	OR	11-10-0351S	REG-OR-Klamath County-CW-FY09 (EO)		2009	3/14/11	9/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters
10	OR	11-10-0351S	REG-OR-Klamath County-CW-FY09 (EO)		2009	3/14/11	9/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Product/RGB Natural	.5 meters