



FEMA

Semi-Annual Geospatial Data Coordination Report

May 27, 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".

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%	\$ 14,378	100%			\$ 1,133,327	100%	\$ 608,940	100%		
	Leverage	\$ 288,923	53%										
3	FEMA budget	\$ 253,282	77%	\$ 108,462	97%			\$ 106,213	42%	\$ 111,763	54%		
	Leverage	\$ 74,500	23%	\$ 2,935	3%			\$ 149,000	58%	\$ 93,450	46%		
4	FEMA budget	\$ 227,220	24%	\$ 7,889	100%			\$ 1,450,858	50%	\$ 474,388	100%		
	Leverage	\$ 727,550	76%					\$ 1,450,560	50%				
5	FEMA budget	\$ 178,396	64%	\$ 44,349	100%			\$ 38,229	10%	\$ 1,890,579	100%		
	Leverage	\$ 100,500	36%					\$ 340,750	90%				
6	FEMA budget	\$ 134,260	29%	\$ 11,684	87%	\$10,005	100%	\$ 742,584	59%	\$ 3,111,897	100%	\$ 78,435	100%
	Leverage	\$ 333,816	71%	\$ 1,716	13%			\$ 526,000	41%				
7	FEMA budget	\$ 140,927	100%	\$ 23,284	37%			\$ 867,853	75%	\$ 1,276,869	94%		
	Leverage			\$ 40,190	63%			\$ 287,000	25%	\$ 80,380	6%		
8	FEMA budget	\$ 87,064	22%	\$ 77,179	100%			\$ 483,992	69%	\$ 378,380	100%		
	Leverage	\$ 308,062	78%			\$7,600	100%	\$ 214,375	31%				
9	FEMA budget	\$ 220,234	100%	\$ 188,711	98%			\$ 763,099	98%	\$ 2,008,980	100%		
	Leverage			\$ 3,290	2%			\$ 16,800	2%				
10	FEMA budget	\$ 145,195	100%	\$ 105,514	100%			\$ 388,322	100%	\$ 895,330	100%		
	Leverage												
National	FEMA budget	\$ 1,689,113	48%	\$ 615,481	47%	\$11,257	60%	\$ 6,654,739	69%	\$11,635,930	99%	\$ 78,435	100%
	Leverage	\$ 1,833,351	52%	\$ 699,731	53%	\$7,600	40%	\$ 2,984,485	31%	\$ 173,830	1%	\$ -	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 Year	Leverage Dollar Value	Leverage Task Comments
1	CT	10-01-0662S	Acquire Base Map	Connecticut Department of Environmental Protection (CT DEP)	2010	\$83,700	
1	CT	10-01-0663S	Acquire Base Map	Connecticut Department of Environmental Protection (CT DEP)	2010	\$77,200	
1	CT	10-01-0664S	Acquire Base Map	Connecticut Department of Environmental Protection (CT DEP)	2010	\$43,900	
1	CT	10-01-0665S	Acquire Base Map	Connecticut Department of Environmental Protection (CT DEP)	2010	\$86,200	
1	MA	10-01-0661S	Acquire Base Map	Massachusetts Office of Geographic Information (MASS GIS)	2010	\$10,500	
1	NH	10-01-0438S	Acquire Base Map	New Hampshire Geographically Referenced Analysis and Information Transfer System	2010	\$99,200	
1	NH	10-01-0672S	Acquire Base Map	New Hampshire Geographically Referenced Analysis and Information Transfer System	2010	\$183,100	
1	VT	10-01-0671S	Acquire Base Map	VCGI	2010	\$67,800	
2	NJ	10-02-0568S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$56,107	
2	NJ	10-02-0954S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$5,627	Task Complete.
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.
2	NJ	10-02-0669S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$7,235	Task complete.
2	NJ	10-02-0591S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$33,788	
2	NJ	10-02-0957S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$4,669	Complete.
2	NJ	10-02-0578S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$25,519	



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded Year	Leverage Dollar Value	Leverage Task Comments
2	NJ	10-02-0956S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$10,492	
2	NJ	10-02-0581S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$48,930	
2	NJ	10-02-0680S	Acquire Base Map	New Jersey State Office of Information Technology	2009	\$11,750	
3	PA	07-03-0435S	Develop Topographic Data	U.S. Geological Survey, Pennsylvania District	2007	\$112,500	
3	PA	07-03-0438S	Develop Topographic Data	U.S. Geological Survey, Pennsylvania District	2007	\$99,250	
3	PA	07-03-0436S	Develop Topographic Data	U.S. Geological Survey, Pennsylvania District	2007	\$205,750	
3	PA	07-03-0427S	Develop Topographic Data	U.S. Geological Survey, Pennsylvania District	2007	\$230,000	
3	PA	10-03-0271S	Acquire Base Map	National Geospatial-Intelligence Agency (NGA)	2009	\$74,500	Also gathered by the USGS.
3	PA	10-03-0271S	Develop Topographic Data		2009	\$149,000	Lidar collection was by PAMAP, not RAMPP.
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	Develop Topographic Data	Alabama Department of Economic and Community Affairs	2009	\$161,000	
4	AL	09-04-7729S	Acquire Base Map	Alabama Department of Economic and Community Affairs	2009	\$79,000	
4	AL	09-04-7728S	Acquire Base Map	Alabama Department of Economic and Community Affairs	2009	\$62,100	
4	AL	09-04-7728S	Acquire Base Map	Alabama Department of Economic and Community Affairs	2009	\$92,140	
4	AL	09-04-7729S	Develop Topographic Data	Alabama Department of Economic and Community Affairs	2009	\$158,000	
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	FL	09-04-8602S	Acquire Base Map		2009	\$76,200	
4	FL	10-04-3116S	Develop Topographic Data		2009	\$43,500	Lidar 9 sq miles & 78 sq miles 1 ft contours
4	FL	10-04-3116S	Acquire Base Map		2009	\$150,600	1ft resolution Countywide



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded Year	Leverage Dollar Value	Leverage Task Comments
4	FL	10-04-3115S	Develop Topographic Data		2009	\$476,500	Lidar Countywide 953 sq miles
4	FL	10-04-3115S	Acquire Base Map		2009	\$95,300	1ft resolution Countywide
4	FL	09-04-8602S	Develop Topographic Data		2009	\$115,200	Very Flat Terrain Less than 1000 sq mile
4	TN	10-04-3113S	Develop Topographic Data		2009	\$105,200	
4	TN	10-04-3156S	Develop Topographic Data		2009	\$31,360	
4	TN	10-04-3156S	Acquire Base Map		2009	\$7,840	
4	TN	10-04-3113S	Acquire Base Map		2009	\$5,260	
4	TN	10-04-3117S	Acquire Base Map		2009	\$5,430	
4	TN	10-04-3117S	Develop Topographic Data		2009	\$108,600	
4	TN	09-04-8601S	Acquire Base Map		2009	\$68,100	
4	TN	10-04-3155S	Acquire Base Map		2009	\$5,080	
4	TN	10-04-3155S	Develop Topographic Data		2009	\$127,000	
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	10-05-2400S	Acquire Base Map	Ohio Department of Natural Resources	2009	\$53,200	
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	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	10-05-2400S	Develop Topographic Data	Ohio Department of Natural Resources	2009	\$106,400	
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



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded Year	Leverage Dollar Value	Leverage Task Comments
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	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	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.
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	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	10-06-0147S	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.
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	10-07-0015S	Develop Topographic Data	Kansas Division of Water Resources	2009	\$287,000	LiDAR provided for more accuracy.
8	CO	11-08-0023S	Acquire Base Map		2011	\$2,500	The base map task is underway.



Reg.	State	Case Number	Task Name	Leverage Contributing Partner	Leverage Funded Year	Leverage Dollar Value	Leverage Task Comments
8	CO	11-08-0572S	Acquire Base Map		2011	\$5,100	
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	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	ND	10-08-0041S	Acquire Base Map		2009	\$176,500	
8	SD	10-08-0039S	Develop Topographic Data		2009	\$850	
8	SD	10-08-0039S	Acquire Base Map		2009	\$8,228	
8	UT	10-08-0155S	Acquire Base Map		2009	\$3,874	
9	CA	09-09-0302S	Acquire Base Map	City of Santa Rosa, CA	2010	\$3,290	
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	10-09-0037S	Develop Topographic Data	City of Santa Rosa, CA	2009	\$5,800	The data meets FEMA's G&S.



Risk Map Ortho and Elevation Data Sets

Risk MAP Ortho Data Sets

Reg#	State	Case Number	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	10-02-0591S	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	10-02-0581S	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	10-02-0578S	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	10-02-0672S	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	10-02-1258S	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	10-02-0957S	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	10-02-0956S	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	10-02-0680S	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	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	10-02-0568S	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
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



FEMA Semi-Annual Geospatial Data Coordination Report

Reg#	State	Case Number	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	10-02-0671S	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	10-02-0669S	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	10-02-0954S	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
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
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	10-03-0271S	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	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	07-03-0436S	Susquehanna 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-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
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-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
4	AL	09-04-7729S	Montgomery County AL FY09	Laura Algeo	2009	6/16/09	10/29/10	\$79,000	Montgomery County, AL	Alabama+Montgo	Complete	Source/To be determined+Produ	.3 meters
4	AL	09-04-8023S	Mobile County AL FY09	Laura Algeo	2009	10/3/09			Mobile County, AL	Alabama+Mobile	Complete	Source/To be determined+Produ	.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	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	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	Proposed	Source/To be determined+Product/To be	To Be Determine



FEMA Semi-Annual Geospatial Data Coordination Report

Reg#	State	Case Number	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	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	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	10-04-3156S	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	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
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	10-04-3117S	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
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	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
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	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	Proposed	Source/To be determined+Product/To be	To Be Determine
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	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



FEMA Semi-Annual Geospatial Data Coordination Report

Reg#	State	Case Number	Project Name	FEMA Regional Engineer	Task FY	Actual Start	Actual End	Leverage Dollar Value	NDOP Tracker Title	County+State	Status	Image Type	GSD
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	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	In work	Source/To be determined+Product/To be	To Be Determine
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	Proposed	Source/To be determined+Product/To be	To Be Determine
5	OH	11-05-1557S	RM-FY10-OH-Delaware County-O-PMR	Mike Hanke	2010	2/1/11			DELAWARE COUNTY, OHIO	Ohio+Delaware	Complete	Source/RGB Natural Color+Product/RGB Natural	.3 meters
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	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	10-05-2448S	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	10-05-6390S	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 Dete
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	10-05-6389S	RM-FY09-WI-Marquette County-O-CW	Lee Traeger	2009	12/15/10	3/28/11		Marquette County, WI	Wisconsin+Marquette	Proposed	Source/Panchromatic+Product/Panchromatic	To Be Determine
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
9	AZ	09-09-3051S	City of Maricopa PMR (Pinal, AZ)	Ed Curtis	2009	6/1/10	10/31/10		City of Maricopa PMR (Pinal County, AZ)	Unknown	In work	Source/+Product/	To Be Dete
9	AZ	11-09-0922S	Verde River PMR (Yavapai, AZ)	Ed Curtis	2010	12/27/10			Yavapai County DFIRM	Arizona+Yavapai	Complete	Source/RGB Natural Color+Prod	.2 meters
9	CA	10-09-0017S	Contra Costa CA (PAL)	Eric Simmons	2009	2/15/10	4/2/10		2008 Contra Costs County imagery	Unknown	In work	Source/Panchromatic+Product/P	1 meter
9	CA	10-09-0010S	Santa Cruz, CA - CW (NAVD)	Eric Simmons	2009	3/15/10	4/30/10		Santa Cruz County imagery data	California+Santa Cr	In work	Source/Panchromatic+Product/R	.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	Klamath		2009	3/14/11	3/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Prod	.5 meters
10	OR	11-10-0351S	Klamath		2009	3/14/11	3/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Prod	.5 meters
10	OR	11-10-0351S	Klamath		2009	3/14/11	3/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Prod	.5 meters



Reg#	State	Case Number	Project Name	FEMA Regional Engineer	Task FY	Actual Start	Actual End	Leverage Dollar Value	NDOP Tracker Title	County+State	Status	Image Type	GSD
10	OR	11-10-0351S	Klamath		2009	3/14/11	3/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Prod	.5 meters
10	OR	11-10-0351S	Klamath		2009	3/14/11	3/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Prod	.5 meters
10	OR	11-10-0351S	Klamath		2009	3/14/11	3/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Prod	.5 meters
10	OR	11-10-0351S	Klamath		2009	3/14/11	3/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Prod	.5 meters
10	OR	11-10-0351S	Klamath		2009	3/14/11	3/30/11		Klamath County, OR	Oregon+Klamath	Complete	Source/RGB Natural Color+Prod	.5 meters



Risk MAP Elevation Data Sets

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constraint	Horizontal Posting	Vertical Accuracy	Lead Agency
1	CT	11-01-0721S	Quinnipiac HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Quinnipiac	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	Yes, contact the lead	1	0.363	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	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
1	MA	11-01-0717S	Charles HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Charles	Unknown	Complete	NAVD 88	Mass Points/Variab	LIDAR	Yes, contact the lead	1	0.363	FEMA
1	MA	11-01-0720S	Nashua HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Nashua	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	Yes, contact the lead	1	0.363	FEMA
1	NH	11-01-0720S	Nashua HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Nashua	Unknown	In work	NAVD 88	Mass Points/Variab	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	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	MA	11-01-0716S	Blackstone HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Blackstone	Unknown	Complete	NAVD 88	Mass Points/Variab	LIDAR	Yes, contact the lead	1	0.363	FEMA
1	MA	11-01-0718S	Narragansett HUC8 - LIDAR - FY10	Kerry Bogdan	2010		Narragansett	Unknown	Complete	NAVD 88	Mass Points/Variab	LIDAR	Yes, contact the lead	1	0.363	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	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	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	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
2	NJ	11-02-1255S	NJ Burlington and Camden Co. LiDAR - FY10	Paul Weberg	2010		FEMA 2010 LiDAR Burlington and Camden, NJ	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	No	1	0.36	FEMA
2	NY	11-02-1277S	REG-(E)-02050105-Chemung-FY10	Alan Springett	2010		FEMA 2010 LiDAR Chemung, NY	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	No	1	0.36	FEMA
3	VA	11-03-0846S	Topo Data Acq; WV LiDAR QA/QC (See 11-03-0773S)	Alex Nemeth	2010		WV DEP Spring 2010 LiDAR Data	Unknown	In work	NAVD 88	Mass Points/Variab le Spacing	LIDAR	No	2	0.3	WVDEP



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
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/Variab	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/Variab	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/Variab	LIDAR	No	3	0.5	PA MAP Program
3	WV	11-03-0846S	Topo Data Acq: WV LiDAR QA/QC (See 11-03-0773S)	Alex Nemeth	2010		WV DEP Spring 2010 LiDAR Data	Unknown	In work	NAVD 88	Mass Points/Variab le Spacing	LIDAR	No	2	0.3	WVDEP
3	PA	10-03-0271S	Allegheny County, PA	Robert Pierson	2009	\$149,000	PAMAP Program LiDAR Data of Pennsylvania	Pennsylvania	Complete	NAVD 88	Mass Points/Variab	LIDAR	No	3	0.5	PA MAP Program
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/Variab	LIDAR	No	3	0.5	PA MAP Program
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 agency	3	0.18	Kentucky Division of Water (KDOW)
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 agency	1	0.18	Kentucky Division of Water (KDOW)
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	FL	09-04-8602S	Manatee County FL FY09	Mohammad Waliullah	2009	\$115,200	Manatee County FL FY09	Florida+Manatee	Proposed	To be Determined	To be Determined	To be Determined	To be determined	TBD	null	To Be Determined
4	AL	09-04-8023S	Mobile County AL FY09	Laura Algeo	2009		Mobile County, AL	Unknown	In work	To be Determined	To be Determined	To be Determined	To be determined	TBD	null	FEMA
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 agency	1	0.18	Kentucky Division of Water (KDOW)
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	AL	09-04-8023S	Mobile County AL FY09	Laura Algeo	2009		Mobile County, AL	Unknown	In work	To be Determined	To be Determined	To be Determined	To be determined	TBD	null	FEMA
4	MS	10-04-4167S	Lauderdale CO MS (FY2009)	Laura Algeo	2009		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	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



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
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	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	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
4	AL	09-04-7729S	Montgomery County AL FY09	Laura Algeo	2009	\$158,000	Montgomery County, AL	Alabama+Montgomery	Complete	NAVD 88	Contours	LIDAR	Yes, contact the lead	1	0.6	Montgomery 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
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	MS	10-04-4167S	Lauderdale CO MS (FY2009)	Laura Algeo	2009		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	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 agency	1	0.18	Kentucky Division of Water (KDOW)
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 agency	1	0.18	Kentucky Division of Water (KDOW)
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	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	FL	10-04-3157S	Volusia CO, FL (FY2009)	Mohammad Waliullah	2009		Volusia County LiDAR	Florida+Volusia	Complete	NAVD 88	Mass Points/Variab	LIDAR	Yes, contact the lead	1	1	FEMA



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
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 agency	1	0.18	Kentucky Division of Water (KDW)
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
5	MN	10-05-2109S	RM-FY09-MN-Wilkin County-O-CW	Suzanne Vermeer	2009		Wilkin County, MN (Countywide DFIRM)	Minnesota+Wilkin	Proposed	NAVD 88	Mass Points/Break Lines	LIDAR	Yes, contact the lead agency	TBD	0.353	Minnesota Department of Natural Resources (DNR)
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	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	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
5	WI	10-05-0307S	RM-FY09-WI-Juneau County-O-CW	Ken Hinterlong	2009		Juneau County (WI) 2010 LiDAR	Wisconsin+Juneau	Complete	NAVD 88	Mass Points/Break	LIDAR	Yes, contact the lead	TBD	0.173	--Please Select--
5	MI	11-05-2215S	RM-FY10-MI-Traverse LiDAR Data Collection Project-E	Mike Hanke	2010		Traverse	Unknown	In work	NAVD 88	DEM	LIDAR	Yes, contact the lead agency	TBD	0.726	FEMA
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	MI	08-05-3687S	RM-FY09-MI-Dickinson County-O-CW	Mike Hanke	2009	\$139,750	Dickinson County, MI	Michigan+Dickinson	In work	NAVD 88	Regular Grid	IFSAR	Yes, contact the lead	TBD	null	FEMA
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	10-05-2680S	RM-FY09-IN-Shelby County-O-PMR	Mike Hanke	2009		Shelby County, IN	Indiana+Shelby	Proposed	NAVD 88	Contours	LIDAR	Yes, contact the lead	TBD	0.305	--Please Select--



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
5	IN	10-05-2680S	RM-FY09-IN-Shelby County-O-PMR	Mike Hanke	2009		Shelby County, IN	Indiana+Shelby	Proposed	NAVD 88	Contours	LIDAR	Yes, contact the lead	TBD	0.305	--Please Select--
5	IN	10-05-2681S	RM-FY09-IN-Vanderburgh County-O-PMR	Mike Hanke	2009		Vanderburgh County, IN	Indiana+Vanderburgh	Proposed	NAVD 88	Contours	Photogrammetric	Yes, contact the lead agency	TBD	1.8288	Indiana Department of Natural Resources
5	MI	10-05-2095S	RM-FY09-MI-Alcona County-O-CW	Mike Hanke	2009		Alcona, MI	Michigan+Alcona	In work	NAVD 88	Regular Grid	IFSAR	Yes, contact the lead	5	1	FEMA
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	IL	11-05-2219S	RM-FY10-IL-Saline LiDAR Data Collection Project-E	Suzanne Vermeer	2010		Saline	Unknown	In work	NAVD 88	DEM	LIDAR	Yes, contact the lead	TBD	0.363	FEMA
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	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	IL	11-05-2218S	RM-FY10-IL-Wabash LiDAR Data Collection Project-E	Suzanne Vermeer	2010		Wabash	Unknown	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead agency	TBD	0.363	FEMA
5	MI	11-05-2214S	RM-FY10-MI-Ironwood-2 LiDAR Collection Project-E	Lee Traeger	2010		Ironwood2	Unknown	In work	NAVD 88	DEM	LIDAR	Yes, contact the lead agency	TBD	0.363	FEMA
5	IL	11-05-2220S	RM-FY10-IL-Piatt LiDAR Data Collection Project-E	Suzanne Vermeer	2010		Piatt	Unknown	Complete	NAVD 88	DEM	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	DEM	LIDAR	Yes, contact the lead agency	TBD	0.363	FEMA
5	WI	11-05-2223S	RM-FY10-Rock LiDAR Data Collection Project-E	Lee Traeger	2010		Rock	Unknown	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead	TBD	0.363	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	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 agency	TBD	0.305	Indiana Department of Natural Resources



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
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	10-05-3845S	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	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	10-05-2678S	RM-FY09-IN-Madison County-O-PMR	Mike Hanke	2009		Madison County, IN	Indiana+Madison	Proposed	NAVD 88	Contours	Photogrammetric	Yes, contact the lead agency	TBD	0.305	Madison County Council of Governments
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	10-05-2675S	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	10-05-2671S	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	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	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	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 agency	TBD	0.305	Indiana Department of Natural Resources
5	MI	11-05-2212S	RM-FY10-MI-Ironwood-1 LiDAR Project-E	Mike Hanke	2010		Ironwood 1	Unknown	In work	NAVD 88	DEM	LIDAR	Yes, contact the lead	TBD	0.726	FEMA
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 Lines	LIDAR	Yes, contact the lead agency	TBD	0.107	La Crosse County, WI LIDAR Survey



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
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
5	IN	10-05-2678S	RM-FY09-IN-Madison County-O-PMR	Mike Hanke	2009		Madison County, IN	Indiana+Madison	Proposed	NAVD 88	Contours	Photogrammetric	Yes, contact the lead agency	TBD	0.305	Madison County Council of Governments
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	10-05-2675S	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
6	AR	11-06-1563S	FY10 LiDAR Acquisition - Pulaski AR	LiDAR Project - Guy Lowes	2010		FEMA 2010 LiDAR Pulaski County, AR	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	No	1	0.36	FEMA
6	TX	11-06-1551S	FY10 LiDAR Acquisition - Central TX	LiDAR Project - Guy Lowes	2010		FEMA FY2010 LiDAR - Central Texas	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	No	1	0.36	FEMA
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 Lines	LIDAR	No	1	0.228	Texas Water Development Board
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	AR	10-06-0131S	Grant Co, AR (FY09)	Guy Lowes	2009		Grant County, AR LiDAR	Arkansas+Grant	In work	NAVD 88	Mass Points/Variab	LIDAR	No	1	0.12	FEMA
6	AR	11-06-1553S	FY10 LiDAR Acquisition - Northeast AR	LiDAR Project - Guy Lowes	2010		FEMA 2010 LiDAR North East Arkansas	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	No	1	0.36	FEMA
6	TX	11-06-1552S	FY10 LiDAR Acquisition - Liberty TX	LiDAR Project - Guy Lowes	2010		FEMA 2010 LiDAR Liberty, TX	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	No	1	0.36	FEMA
6	TX	11-06-1562S	FY10 LiDAR Acquisition - Parker TX	LiDAR Project - Guy Lowes	2010		FEMA 2010 LiDAR Parker Couty, TX	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	No	1	0.36	FEMA
6	OK	11-06-1560S	FY10 LiDAR Acquisition - Ottawa, Delaware OK	LiDAR Project - Guy Lowes	2010		FEMA 2010 LiDAR Ottawa and Delaware, TX	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	No	1	0.36	FEMA
7	MO	09-07-2044S	CALLAWAY COUNTY, MO. RISK MAP 09	Bob Franke	2009		Callaway County LiDAR	Missouri+Callaway	In work	NAVD 88	To be Determined	LIDAR	Yes, contact the lead	TBD	null	FEMA
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	KS	10-07-0009S	LEAVENWORTH COUNTY. RISK MAP 09	Bob Franke	2009		NA	Kansas+Leavenworth	Proposed	NAVD 88	To be Determined	LIDAR	Yes, contact the lead	TBD	null	FEMA



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
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	KS	10-07-0013S	MONTGOMERY COUNTY, KS. RISK MAP 09	Bob Franke	2009	NA		Kansas+Montgomery	In work	NAVD 88	Contours	LIDAR	Yes, contact the lead agency	TBD	null	FEMA
7	KS	10-07-0012S	MIAMI COUNTY, KS. RISK MAP 09	Bob Franke	2009	NA		Kansas+Miami	In work	NAVD 88	Contours	LIDAR	Yes, contact the lead	TBD	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	NE	11-07-0778S	Platte, NE. Leve PMR (FY10)	Rick Nusz	2010		City of Columbus, Platte County, NE	Nebraska+Platte	Complete	NAVD 88	DEM	LIDAR	Yes, contact the lead	1	null	FEMA
7	KS	10-07-0016S	RENO COUNTY, KS. RISK MAP 09	Bob Franke	2009		DCS Terrain Submission for Reno County, KS	Unknown	In work	NAVD 88	DEM	LIDAR	Yes, contact the lead	1	0.242	FEMA
7	NE	10-07-0558S	RED WILLOW, NE RISK MAP 09 (LEVEE PMR)	Rick Nusz	2009		TERRAIN, RED WILLOW COUNTY, Nebraska USA	Unknown	In work	NAVD 88	DEM	LIDAR	Yes, contact the lead	1	0.5892	FEMA
7	NE	10-07-0557S	DOUGLAS/WATERLOO, NE. RISK MAP 09 (LEVEE PMR)	Rick Nusz	2009		DCS Terrain Submission for The Village of Waterloo, Douglas County, NE (Levee PMR)	Unknown	In work	NAVD 88	Contours	LIDAR	No	1	1.3	FEMA
7	KS	10-07-0569S	BUTLER-AGUSTA, KS. RISK MAP 09 (LEVEE PMR)	Rick Nusz	2009		TERRAIN, City of Augusta, Butler County, KS	Unknown	In work	NAVD 88	Mass Points/Break Lines	Photogrammetric	No	4 ft	1.3	FEMA
7	MO	09-07-2057S	TANEY COUNTY, MO. RISK MAO 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	09-07-1965S	CITY OF LINCOLN, NE RISK MAP 09	Bob Franke	2009		DCS Terrain Submission for Little Salt Creek Watershed Study for the City of Lincoln, NE	Nebraska+Lancaster	In work	NAVD 88	DEM	LIDAR	Yes, contact the lead agency	1	null	FEMA
7	NE	10-07-0557S	DOUGLAS/WATERLOO, NE. RISK MAP 09 (LEVEE PMR)	Rick Nusz	2009		DCS Terrain Submission for The Village of Waterloo, Douglas County, NE (Levee PMR)	Unknown	In work	NAVD 88	Contours	LIDAR	Yes, contact the lead agency	1	1	FEMA
7	KS	10-07-0016S	RENO COUNTY, KS. RISK MAP 09	Bob Franke	2009		DCS Terrain Submission for Reno County, KS	Kansas+Reno	In work	NAVD 88	DEM	LIDAR	Yes, contact the lead	1	1	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
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



Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
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	ND	09-08-1007S	Pembina County, ND PMR FY09		2009		Pembina County, ND PMR	Unknown	In work	NAVD 88	Contours	LIDAR	No	1	0.15	FEMA
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	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	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	11-09-0925S	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	11-09-0920S	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	11-09-0919S	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)
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 agency	1	0.6096	City of Ione, Amador County, CA



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
9	CA	10-09-0037S	Santa Rosa & Todd Creeks PMR (Sonoma, CA)	Eric Simmons	2009	\$5,800	Sonoma County PMRs	Unknown	In work	NAVD 88	Multi-Resolution Grid+Mass	LIDAR	No	0.112	0.06	FEMA
9	CA	09-09-0302S	Colgan, Roseland Creeks PMR (Sonoma, CA)	Eric Simmons	2010		Sonoma County PMRs	Unknown	In work	NAVD 88	Multi-Resolution	LIDAR	No	0.112	0.06	FEMA
9	CA	10-09-3940S	Alamo, Gibson, Horse, Ulatis Creeks Study (Solano, CA)	Eric Simmons	2009		Solano County 2009 LiDAR	California+Solano	In work	NAVD 88	Mass Points/Variab le Spacing	LIDAR	Yes, contact the lead agency	1	1	Solano County
9	NV	10-09-0035S	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	Photogramme tric	Yes, contact the lead	1	0.3048	City of Reno
9	CA	10-09-0038S	Sweeney Creek PMR (Solano, CA)	Eric Simmons	2009		SCWA 2 foot Contours	California+Solano	In work	NAVD 88	Contours	Photogramme tric	Yes, contact the lead	1	null	Solano County Water Agency
9	CA	11-09-0675S	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	AZ	10-09-0012S	Mohave AZ (PAL)	Ed Curtis	2009		Mohave County LiDAR data	Arizona+Mohave	In work	NAVD 88	Contours	LIDAR	No	TBD	0.06096	Mohave County
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+DE M	LIDAR	No	1.5	0.304	FEMA
9	AZ	09-09-3051S	City of Maricopa PMR (Pinal, AZ)	Ed Curtis	2009		Topo data for City of Maricopa, Pinal County, AZ	Unknown	Proposed	NAVD 88	Mass Points/Break	Photogramme tric	No	0.6096	0.125	City of Maricopa, Pinal County
9	CA	10-09-0024S	Ventura CA (PAL)	Ed Curtis	2009		Ventura County LiDAR data	Unknown	In work	NAVD 88	Mass Points/Break	LIDAR	No	TBD	0.6096	Ventura County LiDAR
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	In work	NAVD 88	DEM	LIDAR	No	TBD	0.6096	City of San Diego
9	CA	09-09-3068S	Spring Valley Creek PMR (Mono, CA)	Eric Simmons	2009	\$11,000	Tri-Valley LiDAR project for Mono County, CA	Unknown	In work	NAVD 88	Mass Points/Break	LIDAR	No	TBD	0.36576	Mono County Public Works
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	09-09-3057S	Calaveras PMR (Calaveras, CA)	Kathy Schaefer	2009		IfSAR data for Calaveras County	California+Calaveras	Proposed	NAVD 88	DEM	IFSAR	No	5	1	Calaveras County
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	09-09-3049S	Lake County, CA (NAVD)	Eric Simmons	2009		Lake County Contours	California+Lake	In work	NAVD 88	Contours	Photogramme tric	No	TBD	0.06096	Lake County Public Works
9	AZ	10-09-0012S	Mohave AZ (PAL)	Ed Curtis	2009		Mohave County LiDAR data	Arizona+Mohave	In work	NAVD 88	Contours	LIDAR	No	TBD	0.06096	Mohave County



FEMA Semi-Annual Geospatial Data Coordination Report

Reg #	St.	Case Number	Project Name	FEMA Regional Engineer	Task FY	Leverage Dollar Value	NDEP Title	NDEP State - County	NDEP Status	Vertical Datum	Data Format	Collection Method	Use Constrains	Horizontal Posting	Vertical Accuracy	Lead Agency
10	OR	11-10-0127S	Columbia County, OR - 2009 PAL (PMR)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	OR	11-10-0128S	Columbia County, OR - 2009 Rainier PAL (PMR)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	OR	11-10-0129S	Columbia County, OR - 2009 Scappoose PAL (PMR)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	WA	11-10-0130S	Cowlitz County, WA - 2009 PAL (PMR)	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	Cowlitz County, WA - 2009 Kelso Cowlitz R. PAL (PMR)	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	Cowlitz County, WA - 2009 Longview PAL (PMR)	David Ratte	2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	ID	11-10-0107S	Bonner County, ID - 2009 Clark Fork (Lightning Cr) PAL Study		2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	WA	11-10-0142S	Cowlitz County, WA - 2009 Woodland PAL (PMR)		2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE
10	WA	11-10-0110S	Kittitas County, WA - FY 2009 Study		2009		Kittitas	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	Yes, contact the lead	1	0.363	FEMA
10	WA	11-10-0110S	Kittitas County, WA - FY 2009 Study		2010		Kittitas	Unknown	In work	NAVD 88	Mass Points/Variab	LIDAR	Yes, contact the lead	1	0.363	FEMA
10	WA	11-10-0116S	Clark County, WA - 2009 Washougal PAL (PMR)		2009		Columbia River Treaty 2014/2024 Project	Unknown	Complete	NAVD 88	DEM	LIDAR	To be determined	Unknown	0.13	USACE