

STRONG-MOTION INSTRUMENTATION AT CE PROJECTS OPERATIONAL OR PLANNED
AND TO BE SERVICED BY SEISMIC ENGINEERING

Division	District	Project	Type (1)	H (m)	State	Accelerographs		Seismoscopes		Peak Accel.		Serviced By				
						Operational	Planned	Oper.	Plan.	Oper.	Plan.	USGS	WES			
NPD	Portland	Cougar	r.f.	136	OR	6-SMA-1	--	--	--	--	--	X	--			
		Green Peter	c.	111	OR	2-AR-240 1-SMA-1	--	5	--	Damage	--	--	X	--		
	Lookout Point	Lost Creek	Blue River	e. & r.	83	OR	6-SMA-1	--	--	--	--	--	X	--		
					104	OR	6-RPT-350	--	--	--	--	--	--	X	--	
					83	OR	5-SMA-1	--	--	--	--	--	--	X	--	
					138	OR	3-SMA-1	--	--	--	--	--	--	X	--	
					103	OR	3-SMA-1	--	--	--	--	--	--	X	--	
					60	OR	1-RPT-350	1	--	--	--	--	--	--	X	--
	Seattle	Applegate	Libby	gr.	--	OR	4-RPT-250(2) 3-SMA-1*	--	--	--	--	--	X	--		
					136	MT	2(3); 3-SMA-1	--	--	--	--	--	--	X	--	
					70	WA	3-SMA-1	--	--	--	--	--	--	--	X	--
					235	WA	2(3); 3-SMA-1	--	--	--	--	--	--	--	X	--
					130	WA	3-SMA-1	--	--	--	--	--	--	--	X	--
					55	WA	3-SMA-1	--	--	--	--	--	--	--	X	--
219					ID	4-SMA-1	--	--	--	--	--	--	6	X	--	
78					WA	5-SMA-1	--	--	--	--	--	--	5	X	--	
SPD	Walla	Lower Granite	e. & gr.	104	ID	4-SMA-1	--	--	--	--	--	X	--			
				40	AK	1-SMA-1	--	--	--	--	--	--	X	--		
	Los Angeles	Alamo	Brea	e.	86	AZ	2-RPT-250	1	2	--	--	X	--			
					27	CA	3-SMA-1	--	--	--	--	--	--	X	--	
	Whittier Narrows	Carbon Canyon	Mojave	e.	30	CA	3-SMA-1	--	--	--	--	--	X	--		
					61	CA	4-SMA-1**	--	--	--	--	--	--	X	--	
					37	CA	3-SMA-1	--	--	--	--	--	--	X	--	
					41	CA	1-SMA-1	--	--	--	--	--	--	X	--	
					49	CA	3-SMA-1	--	--	--	--	--	--	X	--	
					17	CA	2-RPT-250	--	--	--	--	--	--	--	X	--

* Two SMA-1 accelerographs were temporarily disconnected because of their proximity to a construction site.

** Power Supply became a severe problem; had to abandon this project.

(1) e. = earth, c. = concrete, r.f. = rock-fill, g.f. = gravel fill, e. & r. = earth and rock, e. & g = earth and gravel, gr. = gravity, and e.f. = earth fill.

(2) Installed by District personnel but to be serviced by USGS beginning FY 76.

(3) Tape recorded units, not serviced by USGS.

(Page 1 of 4)

Figure B-1

Division	District	Project	Type (1)	H (m)	State	Accelerographs		Seismoscopes		Peak Accel.		Serviced By		
						Operational	Planned	Oper.	Plan.	Oper.	Plan.	USGS	WES	
SPD	Los Angeles	Mathews Canyon			NV		3-SMA-1							
		Painted Rock			AZ		3-SMA-1							
		Pine Canyon			NV		3-SMA-1							
		Tat Momolikot			AZ		3-SMA-1							
		Whitlow Ranch			AZ		3-SMA-1							
	Sacramento	Black Butte	e.		43	CA	2-RPT-250	3	2				X	
		Isabella	e.		56	CA	2-RPT-350						X	
		Martis Creek	e.f.		35	CA	5-RPT-250	6	5				X	
		New Hogan	e. & r.		64	CA	1-RPT-350						X	
		Pine Flat	c.		134	CA	5-SMA-1	2	2				X	
MRD	San Francisco	Terminus	e.		76	CA	2-RPT-250						X	
		Buchanan	r.f.		205	CA	1-RPT-350	3	3				X	
		Hidden	e.		163	CA	3-RPT-250						X	
		New Melones Lake	e.		43	CA	1-RPT-350	3					X	
		Success	e.		50	CA	4-SMA-1	3					X	
	Kansas City	Coyote	e.		97	CA	2-SMA-1						X	
		Warm Springs	e.		76	CA	3-RPT-250					3	X	
		Tuttle Creek	e.		47	KS	3-SMA-1							X
		Milford Dam	e. & r.f.		43	KS	5-SMA-1							X
		Truman Dam	e.		40	MO	5-SMA-1							X
Omaha	Harlan County	Harlan County	e. & gr.		32	NE	2-SMA-1						X	
		Kanopolis	r.f.		39	MO	2-SMA-1							X
		Fort Peck Dam	e.		76	MT	2-SMA-1							X
		Garrison Dam	e.g.		62	ND	3-SMA-1	1-SMA-1					X	
		Oahe Dam	e.		75	SD	3-SMA-1						X	
	Buffalo	Big Bend Dam	e.		29	SD	3-SMA-1						X	
		Fort Randall	e.		50	SD	3-SMA-1						X	
		Gavins Point Dam	e.		23	NE	3-SMA-1						X	
		Cherry Creek Dam	e.		58	CO	3-SMA-1						X	
		Chatfield Dam	e.		45	CO	5-SMA-1						X	
SWD	Albuquerque	Bear Creek Dam	e.		17	CO	3-SMA-1						X	
		Cochiti	e.		77	NM	7-SMA-1		8				X	
		Norfolk	c.		71	AR	2-SMA-1							X
NCD	Buffalo	Kaw Dam	e.		37	OK	2-SMA-1						X	
		Mt. Morris	gr.		75	NY	3-SMA-1		2					X

Figure B-1 - continued.

Division	District	Project	Type (1)	H (m)	State	Accelerographs		Seismoscopes		Peak Accel.		Serviced By			
						Operational	Planned	Oper.	Plan.	Oper.	Plan.	USGS	WES		
LMVD	Memphis	Wappapello	e.	33	MO	3-SMA-1	--	6	--	--	--	X	--		
		Rend Lake	e.	17	IL	3-SMA-1	--	6	--	--	--	--	X	--	
	St. Louis	Arkabutla	e.	29	MS	3-SMA-1	--	6	--	--	--	--	--	X	
		Sardis	e.	35	MS	3-SMA-1	--	5	--	--	--	--	--	X	
	Pittsburgh	Kinzua	e. & gr.	55	PA	3-SMA-1	--	--	--	--	--	--	--	--	X
		Tionesta	e.	47	PA	1-SMA-1	--	--	--	--	--	--	--	--	X
		East Branch	e.	56	PA	1-SMA-1	--	--	--	--	--	--	--	--	X
		Michael J. Kirwan	e.	25	OH	1-SMA-1	--	--	--	--	--	--	--	--	X
		R. D. Bailey			WV	--	4-SMA-1	--	--	--	1	--	--	--	--
		Bluestone			WV	--	1-SMA-1	--	--	--	--	--	--	--	--
Louisville	J. W. Flannagan			VA	--	5-SMA-1	--	--	--	--	--	--	--	--	
		Brookville	e. & r.f.	55	IN	3-SMA-1	--	--	--	--	1	--	--	--	X
	Cagles Mill	e.	45	IN	2-RFT-350	1-RFT-350	--	--	--	1	--	--	--	X	
	Cannelton L&D		47	IN	2-SMA-1	--	--	--	--	1	--	--	--	X	
	Monroe	e. & r.f.	28	IN	3-RFT-350	--	--	--	--	1	--	--	--	X	
	Newburgh L&D			IN	2-SMA-1	--	--	--	--	1	--	--	--	X	
	Patoka			IN	2-RFT-350	--	--	--	--	1	--	--	--	X	
	Uniontown L&D			IN	2-SMA-1	--	--	--	--	1	--	--	--	X	
	Nolin River	e. & r.f.	50	KY	3-SMA-1	--	--	--	--	1	--	--	--	X	
	Rough River	e. & r.f.	45	KY	3-SMA-1	--	--	--	--	1	--	--	--	X	
Nashville	Smithland L&D			IL	5-RFT-350	--	--	2	--	1	1	--	--	X	
		Wolf Creek	e. & c.	79	KY	5-SMA-1*	--	--	2	--	1	--	--	--	X
	Center Hill	e. & c.	76	TN	5-SMA-1	--	--	2	--	1	--	--	--	X	
	Barkley	e. & gr.	48	KY	6-SMA-1	--	--	2	--	1	--	--	--	X	
	J. Percy Priest	e. & c.	40	TN	5-SMA-1**	--	--	2	--	1	--	--	--	X	
	Dale Hollow	gr.	61	TN	4-SMA-1	--	--	2	--	1	--	--	--	X	
	Laurel River	r.f.	86	KY	2-SMA-1	1	--	--	--	1	--	--	--	X	
	Martin's Fork			KY	4-SMA-1	--	--	--	--	2	--	--	--	X	
	NED	Ball Mt. Lake			VT	3-SMA-1	--	--	--	--	1	--	--	--	X
			Colebrook R. Lake	e.	66	CT	--	2-RFT-350	--	--	--	--	--	--	--
Littleville Lake		e.	51	MA	3-RFT-350	--	--	--	--	--	--	--	--	X	
Franklin Falls		e.	54	NH	3-RFT-350	--	--	--	--	--	--	--	--	X	
Union Village		e.	54	VT	3-SMA-1	--	--	--	--	--	--	--	--	X	
Everett		e.	43	NH	3-SMA-1	--	--	--	--	--	--	--	--	X	
Hodges Village		e.	18	MA	3-SMA-1	--	--	--	--	--	--	--	--	X	
Knightsville		e.	18	MA	3-SMA-1	--	--	--	--	--	--	--	--	X	
Surry Mt.		e.	28	NH	3-SMA-1	--	--	--	--	--	--	--	--	X	
N. Hartland		e.	38	VT	2-SMA-1	--	--	--	--	--	--	--	--	X	
Townsend Lake	N. Springfield	e.	58	VT	3-SMA-1	1-SMA-1	--	--	--	--	--	--	--	X	
	Townsend Lake	e.	42	VT	3-SMA-1	--	--	--	--	--	--	--	--	X	

* One SMA was temporarily disconnected because of its proximity to a construction site.
 ** One SMA was damaged beyond repair by explosion and flooding.

Figure B-1 - continued.

Division	District	Project	Type (1)	H (m)	State	Accelerographs		Seismoscopes		Peak Accel.		Serviced By		
						Operational	Planned	Oper.	Plan.	Oper.	Plan.	USGS	WES	
NAD	Baltimore	Arkport	e.	36	NY	--	2	--	--	--	2	--	--	
	New York	Waterbury	e.	48	VT	--	3	--	--	--	1	--	--	
		Wrightsville	e.		VT	--	3	--	--	--	1	--	--	
SAD	Norfolk	Gathright	r.f.	78	VA	4-RFT-350	--	2	--	--	--	--	X	
	Jacksonville	Buckman Lock			FL	1-SMA-1	---	--	--	--	--	--	X	
		Corrillos			PR	1-SMA-1	---	--	--	--	--	X	--	
	Mobile	Allatoona	Arch-gr.		66	GA	3-SMA-1	---	--	--	--	--	--	X
		Buford	e.		70	GA	2-SMA-1	---	--	--	--	--	--	X
		Walter F. George	e. & gr.		45	GA	1-SMA-1	---	--	--	--	--	--	X
		Coffeeville	e. & gr.		27	AL	1-SMA-1	---	--	--	--	1	--	X
		Carters	e. & r.f.		138	GA	3-SMA-1	---	--	--	--	--	--	X
	Savannah	Clark Hill	c. & e.		61	GA	6-SMA-1	---	2	--	2	--	--	X
		Hartwell	c. & e.		73	GA	4-SMA-1	---	1	--	2	--	--	X
R. B. Russell		c. & e.		73	SC	1-RFT-350	---	1	--	2	--	--	X	
						1-RFT-350	---	1	--	2	--	--	X	
Wilmington	John H. Kerr				VA	5-SMA-1	---	--	--	1	--	--	X	
	Philpott				VA		5	--	--	--	--	--	X	
	W. Kerr Scott	e.		45	SC	3-RFT-350	---	2	--	1	--	--	X	

(Page 4 of 4)

Figure B-1 - continued.