



POWERTECH (USA) INC.

APPENDIX H

USGS Earthquake Database Results



NEIC: Earthquake Search Results

U. S. GEOLOGICAL SURVEY

EARTHQUAKE DATABASE

FILE CREATED: Tue May 17 15:00:32 2011
 Circle Search Earthquakes= 55
 Circle Center Point Latitude: 43.478N Longitude: 103.985W
 Radius: 200.000 km
 Catalog Used: PDE
 Data Selection: Historical & Preliminary Data

CAT	YEAR	MO	DA	ORIG TIME	LAT	LONG	DEP	MAGNITUDE	IEM	DTSVNWG	DIST
									NFO		km
									TF		
PDE	1975	05	16	055701.50	43.24	-103.68	5		4F.	.....	36
PDE	1976	09	03	041816.20	44.04	-106.15	10	4.2 MLGS	.F.	.....	185
PDE	1978	01	16	035001.70	42.44	-105.32	5	3.0 MLGS	.F.	.....	159
PDE	1981	09	13	221629.74	43.04	-101.85	5	3.4 LgTUL	5F.	.....	179
PDE	1983	02	13	134444.09	42.23	-105.73	5	4.0 MLGS	4F.	.....	198
PDE	1983	05	06	061446.95	42.96	-102.20	5	3.3 MLGS	...	.....	156
PDE	1983	11	15	123312.19	43.02	-105.96	5	3.0 MLGS	3F.	.....	167
PDE	1984	05	29	201832.68	44.23	-105.96	18	5.0 mbGS	5F.	.....	179
PDE	1984	09	08	005931.10	44.24	-106.02	20	5.1 mbGS	5F.	.....	184
PDE	1984	10	18	153023.06	42.38	-105.72	33	5.5 MLGOL	6DM	.....	187
PDE	1984	10	18	155737.38	42.37	-105.81	33	4.2 MLGOL	.F.	.....	193
PDE	1984	10	18	173827.41	42.41	-105.77	33	3.8 MLGOL	...	.....	187
PDE	1984	10	19	162904.44	42.41	-105.77	33	3.3 MLGS	...	.....	188
PDE	1984	10	20	115108.63	42.40	-105.87	33	3.5 MLGS	...	.....	195
PDE	1984	10	22	111756.30	42.40	-105.88	33	3.1 MLGS	...	.....	195
PDE	1984	10	24	090354.78	42.32	-105.72	21	3.2 MLGS	...	.....	191
PDE	1984	10	29	190800.10	44.35	-106.00	20	2.5 MLGS	.F.	.....	188
PDE	1984	11	06	113852.51	42.31	-105.71	33	3.3 MLGS	...	.....	191
PDE	1984	12	06	040452.33	42.44	-105.82	20	2.9 MLGS	...	.....	188
PDE	1984	12	17	093132.24	42.36	-105.73	33	3.3 MLGS	...	.....	189
PDE	1986	06	12	151434.03	42.40	-105.69	20	3.0 MLGS	...	.....	184
PDE	1987	01	01	080224.07	42.79	-103.48	5	3.5 LgGS	3F.	.....	86
PDE	1989	02	09	051545.80	42.69	-101.90	5	3.8 LgGS	5F.	.....	191
PDE	1990	01	28	045959.19	43.31	-102.50	5	4.0 LgTUL	5F.	.....	121
PDE	1990	03	02	041527	43.30	-102.50	5	3.2 MLGS	4F.	.....	121
PDE	1991	11	05	161849	44.35	-103.75	0	2.5 MLGS	.F.	....R..	98
PDE	1992	11	02	065410.34	42.74	-104.39	5	3.0 MLGS	5F.	.....	88
PDE	1993	02	24	235217.58	43.71	-105.29	0	3.6 MLGS	.F.	....E..	108
PDE	1993	06	30	065057.83	42.99	-105.37	5	3.0 MLGS	...	.....	125
PDE	1993	07	23	063023.84	42.48	-105.70	5	3.7 MLGS	4F.	.....	178
PDE	1993	09	05	081235.50	44.40	-103.80	5	2.7 MLGS	3F.	.....	103
PDE	1993	10	10	041746.76	42.42	-105.87	5	3.7 MLGS	4F.	.....	193
PDE	1993	12	13	145103.05	42.33	-105.50	5	3.5 MLGS	...	.....	177
PDE	1994	03	18	225143.15	43.40	-103.50	5	2.8 LgGS	.F.	.....	40
PDE	1994	03	20	071506	43.40	-103.50	5	2.3 LgGS	.F.	.....	40
PDE	1996	02	06	160836.75	43.98	-103.73	5	3.7 LgGS	5F.	.....	59
PDE	1996	04	09	024808.19	43.07	-104.10	5	3.7 LgGS	3F.	46
PDE	1996	05	03	074751.53	43.04	-104.02	5	3.1 LgGS	48



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PDE	1996	10	19	132757.97	43.09	-106.06	5	4.2	MLGS	.F.	173
PDE	1998	06	18	162638.32	42.62	-103.00	5	3.4	LgGS	.F.	124
PDE	2000	04	13	181731.73	42.41	-105.81	5	3.3	MLGS	... ..	190
PDE	2003	02	01	184411.53	43.08	-106.18	5	3.7	MLGS	.F.	183
PDE	2003	05	25	073233.39	43.09	-101.79	5	4.0	LgGS	4F.	183
PDE	2004	01	05	025316.58	43.60	-104.00	5	2.8	LgGS	.F.	13
PDE	2004	01	24	040901.30	44.00	-103.20	5	2.5	LgGS	.F.	85
PDE	2004	02	15	031818.02	42.94	-105.40	10	3.5	MLGS	3F.	129
PDE	2004	08	29	184944.26	42.89	-105.49	5	3.8	MLGS	4F.	138
PDE	2006	08	17	164058.28	44.22	-106.17	5	3.1	LgGS	... ..	193
PDE	2006	09	07	062320.02	42.98	-102.24	5	2.6	LgGS	... ..	152
PDE	2007	02	07	103558.70	44.03	-102.58	5	3.1	LgGS	3F.	128
PDE	2007	04	24	093501.26	42.58	-102.94	5	2.7	LgGS	... ..	131
PDE	2008	08	22	230131.81	43.08	-104.29	5	3.1	MLGS	... ..	51
PDE	2008	11	03	131412.45	42.83	-105.18	5	3.5	MwRMT	3FM	121
PDE	2009	09	25	151134.10	45.02	-104.21	4	4.2	MLBUT	2F.	172
PDE-Q	2011	03	10	013813.68	42.86	-104.09	5	2.8	LgGS	2F.	69

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