Table 00-5. ^{239,240}Plutonium in Ambient Aerosols[a] (February, 1998 - July, 2000)

See CEMRC 2000 Report, "Particulate concentrations and inorganics in near-surface air" for descriptions of locations and methods of data collection.

[b]Date	Station	Type	Nuclide	Activity (nBq m^{-3})	[c]Uncertainty (nBq m^{-3})	[d]MDA (nBq m^{-3})	Activity (mBq g^{-1})	Uncertainty (mBq g^{-1})	MDA (mBq g^{-1})
2/27/1998	Cactus Flats	PM_{10}	^{239,240}Pu	3.20E+00	6.60E-01	1.52E+00	3.50E-01	7.22E-02	1.67E-01
4/8/1998	Cactus Flats	PM_{10}	^{239,240}Pu	1.29E+01	1.77E+00	3.07E+00	5.43E-01	7.49E-02	1.30E-01
5/6/1998	Cactus Flats	PM_{10}	^{239,240}Pu	1.48E+01	1.60E+00	1.94E+00	5.29E-01	5.72E-02	6.94E-02
5/27/1998	Cactus Flats	PM_{10}	^{239,240}Pu	1.88E+01	2.61E+00	4.56E+00	4.85E-01	6.74E-02	1.18E-01
6/15/1998	Cactus Flats	PM_{10}	^{239,240}Pu	1.33E+01	3.29E+00	6.40E+00	5.79E-01	1.43E-01	2.78E-01
7/12/1998	Cactus Flats	PM_{10}	^{239,240}Pu	6.94E+00	1.17E+00	2.53E+00	3.29E-01	5.55E-02	1.20E-01
8/19/1998	Cactus Flats	PM_{10}	^{239,240}Pu	4.64E+00	9.15E-01	2.17E+00	3.10E-01	6.11E-02	1.45E-01
10/3/1998	Cactus Flats	PM_{10}	^{239,240}Pu	3.79E+00	6.79E-01	1.10E+00	2.92E-01	5.22E-02	8.46E-02
11/25/1998	Cactus Flats	PM_{10}	^{239,240}Pu	3.84E+00	7.03E-01	1.69E+00	3.54E-01	6.48E-02	1.56E-01
1/7/1999	Cactus Flats	PM_{10}	^{239,240}Pu	6.80E+00	1.03E+00	1.77E+00	5.87E-01	8.92E-02	1.53E-01
2/12/1999	Cactus Flats	PM_{10}	^{239,240}Pu	5.21E+00	7.52E-01	1.29E+00	4.88E-01	7.04E-02	1.21E-01
3/17/1999	Cactus Flats	PM_{10}	^{239,240}Pu	6.60E+00	1.28E+00	2.98E+00	4.07E-01	7.89E-02	1.83E-01
4/7/1999	Cactus Flats	PM_{10}	^{239,240}Pu	5.03E+01	4.55E+00	7.72E+00	9.31E-01	8.41E-02	1.43E-01
4/22/1999	Cactus Flats	PM_{10}	^{239,240}Pu	2.81E+01	4.10E+00	7.14E+00	7.32E-01	1.07E-01	1.86E-01
5/9/1999	Cactus Flats	PM_{10}	^{239,240}Pu	1.71E+01	2.21E+00	2.98E+00	4.87E-01	6.30E-02	8.49E-02
5/31/1999	Cactus Flats	PM_{10}	^{239,240}Pu	9.57E+00	1.65E+00	3.21E+00	5.46E-01	9.41E-02	1.83E-01
7/16/1999	Cactus Flats	PM_{10}	^{239,240}Pu	8.13E+00	1.44E+00	2.84E+00	3.94E-01	6.96E-02	1.37E-01
8/15/1999	Cactus Flats	PM_{10}	^{239,240}Pu	5.52E+00	1.28E+00	2.36E+00	2.78E-01	6.44E-02	1.19E-01
9/24/1999	Cactus Flats	PM_{10}	^{239,240}Pu	5.59E+00	9.94E-01	1.64E+00	3.82E-01	6.79E-02	1.12E-01
11/5/1999	Cactus Flats	PM_{10}	^{239,240}Pu	7.51E+00	1.39E+00	3.10E+00	4.07E-01	7.51E-02	1.68E-01
12/4/1999	Cactus Flats	PM_{10}	^{239,240}Pu	8.98E+00	1.55E+00	3.60E+00	4.74E-01	8.16E-02	1.90E-01
1/11/2000	Cactus Flats	PM_{10}	^{239,240}Pu	3.89E+00	8.23E-01	2.12E+00	3.50E-01	7.41E-02	1.91E-01
2/14/2000	Cactus Flats	PM_{10}	^{239,240}Pu	5.89E+00	1.21E+00	2.56E+00	3.17E-01	6.51E-02	1.38E-01
3/20/2000	Cactus Flats	PM_{10}	^{239,240}Pu	2.27E+01	2.09E+00	2.56E+00	1.00E+00	9.24E-02	1.13E-01
4/21/2000	Cactus Flats	PM_{10}	^{239,240}Pu	2.57E+01	2.91E+00	3.19E+00	7.77E-01	8.82E-02	9.68E-02
5/9/2000	Cactus Flats	PM_{10}	^{239,240}Pu	1.49E+01	2.49E+00	4.95E+00	5.53E-01	9.26E-02	1.84E-01
5/28/2000	Cactus Flats	PM_{10}	^{239,240}Pu	1.35E+01	1.94E+00	3.33E+00	4.95E-01	7.15E-02	1.22E-01

[b]Date	Station	Type	Nuclide	Activity (nBq m^{-3})	[c]Uncertainty (nBq m^{-3})	[d]MDA (nBq m^{-3})	Activity (mBq g^{-1})	Uncertainty (mBq g^{-1})	MDA (mBq g^{-1})
6/19/2000	Cactus Flats	PM_{10}	$^{239,240}Pu$	7.78E+00	1.66E+00	4.03E+00	4.36E-01	9.31E-02	2.26E-01
7/10/2000	Cactus Flats	PM_{10}	$^{239,240}Pu$	8.99E+00	2.01E+00	4.52E+00	4.90E-01	1.09E-01	2.46E-01
2/26/1998	Cactus Flats	TSP	$^{239,240}Pu$	7.73E+00	9.19E-01	1.63E+00	4.21E-01	5.00E-02	8.88E-02
4/8/1998	Cactus Flats	TSP	$^{239,240}Pu$	2.97E+01	2.71E+00	3.97E+00	8.04E-01	7.32E-02	1.07E-01
5/6/1998	Cactus Flats	TSP	$^{239,240}Pu$	2.77E+01	2.67E+00	2.73E+00	6.46E-01	6.25E-02	6.38E-02
5/27/1998	Cactus Flats	TSP	$^{239,240}Pu$	2.62E+01	3.49E+00	5.30E+00	4.93E-01	6.57E-02	9.98E-02
6/15/1998	Cactus Flats	TSP	$^{239,240}Pu$	2.82E+01	3.78E+00	6.24E+00	6.85E-01	9.19E-02	1.52E-01
7/12/1998	Cactus Flats	TSP	$^{239,240}Pu$	1.58E+01	1.85E+00	3.27E+00	4.48E-01	5.24E-02	9.25E-02
8/19/1998	Cactus Flats	TSP	$^{239,240}Pu$	8.32E+00	1.09E+00	1.81E+00	3.55E-01	4.65E-02	7.73E-02
10/3/1998	Cactus Flats	TSP	$^{239,240}Pu$	9.39E+00	1.13E+00	1.85E+00	3.95E-01	4.74E-02	7.78E-02
11/25/1998	Cactus Flats	TSP	$^{239,240}Pu$	5.51E+00	9.31E-01	1.74E+00	3.07E-01	5.19E-02	9.67E-02
1/7/1999	Cactus Flats	TSP	$^{239,240}Pu$	1.83E+01	1.91E+00	2.47E+00	7.43E-01	7.76E-02	1.01E-01
2/12/1999	Cactus Flats	TSP	$^{239,240}Pu$	1.82E+01	1.47E+00	1.19E+00	9.73E-01	7.86E-02	6.35E-02
3/17/1999	Cactus Flats	TSP	$^{239,240}Pu$	1.47E+01	2.03E+00	3.61E+00	4.73E-01	6.55E-02	1.17E-01
4/7/1999	Cactus Flats	TSP	$^{239,240}Pu$	5.40E+01	3.73E+00	7.07E+00	6.24E-01	4.30E-02	8.17E-02
4/22/1999	Cactus Flats	TSP	$^{239,240}Pu$	3.57E+01	5.09E+00	8.33E+00	4.86E-01	6.94E-02	1.14E-01
5/9/1999	Cactus Flats	TSP	$^{239,240}Pu$	3.19E+01	3.48E+00	4.52E+00	4.87E-01	5.32E-02	6.90E-02
5/31/1999	Cactus Flats	TSP	$^{239,240}Pu$	1.24E+01	2.62E+00	4.89E+00	3.63E-01	7.63E-02	1.43E-01
7/7/1999	Cactus Flats	TSP	$^{239,240}Pu$	9.11E+00	1.21E+00	1.48E+00	3.39E-01	4.51E-02	5.50E-02
8/15/1999	Cactus Flats	TSP	$^{239,240}Pu$	1.42E+01	2.34E+00	3.85E+00	5.16E-01	8.49E-02	1.40E-01
9/24/1999	Cactus Flats	TSP	$^{239,240}Pu$	1.51E+01	1.65E+00	1.91E+00	5.52E-01	6.04E-02	7.02E-02
11/4/1999	Cactus Flats	TSP	$^{239,240}Pu$	3.55E+01	3.35E+00	3.45E+00	1.10E+00	1.04E-01	1.07E-01
12/4/1999	Cactus Flats	TSP	$^{239,240}Pu$	2.58E+01	2.59E+00	2.74E+00	7.31E-01	7.34E-02	7.78E-02
1/10/2000	Cactus Flats	TSP	$^{239,240}Pu$	1.00E+01	1.19E+00	2.81E+00	4.68E-01	5.55E-02	1.31E-01
2/14/2000	Cactus Flats	TSP	$^{239,240}Pu$	1.35E+01	1.75E+00	2.88E+00	4.12E-01	5.32E-02	8.77E-02
3/20/2000	Cactus Flats	TSP	$^{239,240}Pu$	2.63E+01	2.29E+00	1.71E+00	6.48E-01	5.64E-02	4.22E-02
4/20/2000	Cactus Flats	TSP	$^{239,240}Pu$	7.44E+01	4.92E+00	3.56E+00	1.56E+00	1.03E-01	7.46E-02
5/9/2000	Cactus Flats	TSP	$^{239,240}Pu$	3.18E+01	3.75E+00	6.53E+00	6.87E-01	8.09E-02	1.41E-01
5/28/2000	Cactus Flats	TSP	$^{239,240}Pu$	1.54E+01	2.17E+00	4.13E+00	4.82E-01	6.79E-02	1.29E-01
6/19/2000	Cactus Flats	TSP	$^{239,240}Pu$	1.66E+01	2.46E+00	4.94E+00	5.08E-01	7.52E-02	1.51E-01
7/10/2000	Cactus Flats	TSP	$^{239,240}Pu$	1.46E+01	2.20E+00	3.34E+00	5.21E-01	7.88E-02	1.19E-01
2/28/1998	Near Field	PM_{10}	$^{239,240}Pu$	[e]ND	ND	ND	3.32E-01	5.28E-02	1.01E-01
4/11/1998	Near Field	PM_{10}	$^{239,240}Pu$	1.53E+01	1.94E+00	3.38E+00	6.94E-01	8.81E-02	1.54E-01

[b]Date	Station	Type	Nuclide	Activity (nBq m^{-3})	[c]Uncertainty (nBq m^{-3})	[d]MDA (nBq m^{-3})	Activity (mBq g^{-1})	Uncertainty (mBq g^{-1})	MDA (mBq g^{-1})
5/27/1998	Near Field	PM_{10}	$^{239,240}Pu$	ND	ND	ND	4.93E-01	9.62E-02	1.77E-01
6/25/1998	Near Field	PM_{10}	$^{239,240}Pu$	9.44E+00	1.45E+00	2.56E+00	3.85E-01	5.90E-02	1.05E-01
8/20/1998	Near Field	PM_{10}	$^{239,240}Pu$	3.65E+00	8.98E-01	2.33E+00	2.54E-01	6.25E-02	1.62E-01
10/4/1998	Near Field	PM_{10}	$^{239,240}Pu$	2.65E+00	6.69E-01	1.60E+00	1.87E-01	4.72E-02	1.13E-01
11/25/1998	Near Field	PM_{10}	$^{239,240}Pu$	3.08E+00	6.18E-01	1.31E+00	3.25E-01	6.52E-02	1.38E-01
1/7/1999	Near Field	PM_{10}	$^{239,240}Pu$	4.27E+00	9.98E-01	2.56E+00	3.77E-01	8.82E-02	2.26E-01
2/11/1999	Near Field	PM_{10}	$^{239,240}Pu$	5.24E+00	8.40E-01	1.76E+00	4.59E-01	7.36E-02	1.54E-01
3/17/1999	Near Field	PM_{10}	$^{239,240}Pu$	6.27E+00	1.47E+00	3.42E+00	3.65E-01	8.52E-02	1.99E-01
4/8/1999	Near Field	PM_{10}	$^{239,240}Pu$	2.62E+01	3.59E+00	5.84E+00	5.87E-01	8.05E-02	1.31E-01
4/22/1999	Near Field	PM_{10}	$^{239,240}Pu$	1.94E+01	3.82E+00	6.63E+00	5.08E-01	1.00E-01	1.74E-01
5/9/1999	Near Field	PM_{10}	$^{239,240}Pu$	1.40E+01	2.33E+00	3.87E+00	4.15E-01	6.89E-02	1.14E-01
5/31/1999	Near Field	PM_{10}	$^{239,240}Pu$	4.74E+00	1.50E+00	4.02E+00	2.58E-01	8.17E-02	2.19E-01
7/8/1999	Near Field	PM_{10}	$^{239,240}Pu$	6.29E+00	1.08E+00	2.00E+00	3.73E-01	6.38E-02	1.19E-01
8/16/1999	Near Field	PM_{10}	$^{239,240}Pu$	7.74E+00	1.78E+00	3.54E+00	3.90E-01	8.98E-02	1.79E-01
9/23/1999	Near Field	PM_{10}	$^{239,240}Pu$	4.55E+00	8.38E-01	1.33E+00	2.81E-01	5.16E-02	8.17E-02
11/4/1999	Near Field	PM_{10}	$^{239,240}Pu$	5.60E+00	1.20E+00	2.39E+00	3.31E-01	7.09E-02	1.41E-01
12/4/1999	Near Field	PM_{10}	$^{239,240}Pu$	9.19E+00	1.48E+00	2.74E+00	5.73E-01	9.20E-02	1.71E-01
1/10/2000	Near Field	PM_{10}	$^{239,240}Pu$	3.05E+00	7.15E-01	1.53E+00	2.39E-01	5.61E-02	1.20E-01
2/14/2000	Near Field	PM_{10}	$^{239,240}Pu$	8.91E+00	1.34E+00	1.87E+00	4.95E-01	7.44E-02	1.04E-01
3/6/2000	Near Field	PM_{10}	$^{239,240}Pu$	1.81E+01	3.25E+00	6.52E+00	6.74E-01	1.21E-01	2.43E-01
5/10/2000	Near Field	PM_{10}	$^{239,240}Pu$	1.37E+01	2.76E+00	6.37E+00	5.14E-01	1.03E-01	2.38E-01
5/28/2000	Near Field	PM_{10}	$^{239,240}Pu$	7.63E+00	1.60E+00	3.77E+00	4.69E-01	9.80E-02	2.31E-01
6/19/2000	Near Field	PM_{10}	$^{239,240}Pu$	8.68E+00	1.55E+00	2.41E+00	4.84E-01	8.62E-02	1.35E-01
7/9/2000	Near Field	PM_{10}	$^{239,240}Pu$	5.09E+00	1.75E+00	4.75E+00	3.36E-01	1.15E-01	3.13E-01
2/28/1998	Near Field	TSP	$^{239,240}Pu$	ND	ND	ND	5.43E-01	6.12E-02	9.34E-02
4/11/1998	Near Field	TSP	$^{239,240}Pu$	2.24E+01	2.51E+00	3.20E+00	7.68E-01	8.61E-02	1.10E-01
5/6/1998	Near Field	TSP	$^{239,240}Pu$	2.28E+01	2.37E+00	3.39E+00	6.24E-01	6.47E-02	9.26E-02
5/27/1998	Near Field	TSP	$^{239,240}Pu$	1.61E+01	2.56E+00	3.94E+00	3.63E-01	5.77E-02	8.87E-02
6/25/1998	Near Field	TSP	$^{239,240}Pu$	1.39E+01	1.39E+00	1.69E+00	4.02E-01	4.00E-02	4.87E-02
8/20/1998	Near Field	TSP	$^{239,240}Pu$	8.37E+00	1.40E+00	2.22E+00	4.31E-01	7.20E-02	1.14E-01
10/4/1998	Near Field	TSP	$^{239,240}Pu$	7.45E+00	8.56E-01	1.31E+00	3.18E-01	3.65E-02	5.61E-02
11/25/1998	Near Field	TSP	$^{239,240}Pu$	3.67E+00	7.37E-01	1.65E+00	2.38E-01	4.78E-02	1.07E-01
1/6/1999	Near Field	TSP	$^{239,240}Pu$	1.26E+01	1.65E+00	2.78E+00	5.83E-01	7.62E-02	1.28E-01

[b]Date	Station	Type	Nuclide	Activity (nBq m^{-3})	[c]Uncertainty (nBq m^{-3})	[d]MDA (nBq m^{-3})	Activity (mBq g^{-1})	Uncertainty (mBq g^{-1})	MDA (mBq g^{-1})
2/11/1999	Near Field	TSP	^{239,240}Pu	9.23E+00	1.86E+00	4.61E+00	5.33E-01	1.07E-01	2.66E-01
3/17/1999	Near Field	TSP	^{239,240}Pu	1.33E+01	1.68E+00	2.60E+00	5.38E-01	6.78E-02	1.05E-01
4/8/1999	Near Field	TSP	^{239,240}Pu	4.90E+01	4.31E+00	5.33E+00	6.34E-01	5.58E-02	6.90E-02
4/22/1999	Near Field	TSP	^{239,240}Pu	2.78E+01	3.28E+00	4.48E+00	5.79E-01	6.84E-02	9.35E-02
5/9/1999	Near Field	TSP	^{239,240}Pu	3.84E+01	3.18E+00	3.07E+00	6.88E-01	5.70E-02	5.52E-02
5/31/1999	Near Field	TSP	^{239,240}Pu	1.39E+01	2.12E+00	3.37E+00	4.68E-01	7.17E-02	1.14E-01
7/8/1999	Near Field	TSP	^{239,240}Pu	7.59E+00	8.81E-01	1.30E+00	3.36E-01	3.90E-02	5.76E-02
8/16/1999	Near Field	TSP	^{239,240}Pu	1.54E+01	2.52E+00	5.38E+00	4.74E-01	7.75E-02	1.66E-01
9/23/1999	Near Field	TSP	^{239,240}Pu	1.43E+01	1.55E+00	1.78E+00	5.15E-01	5.56E-02	6.39E-02
11/4/1999	Near Field	TSP	^{239,240}Pu	9.63E+00	1.29E+00	1.90E+00	3.50E-01	4.67E-02	6.91E-02
12/4/1999	Near Field	TSP	^{239,240}Pu	2.18E+01	1.82E+00	3.07E+00	6.42E-01	5.36E-02	9.04E-02
1/10/2000	Near Field	TSP	^{239,240}Pu	7.73E+00	1.21E+00	1.99E+00	3.34E-01	5.24E-02	8.61E-02
2/14/2000	Near Field	TSP	^{239,240}Pu	1.59E+01	1.79E+00	2.34E+00	4.18E-01	4.70E-02	6.15E-02
3/20/2000	Near Field	TSP	^{239,240}Pu	2.53E+01	2.34E+00	2.90E+00	7.05E-01	6.51E-02	8.05E-02
4/20/2000	Near Field	TSP	^{239,240}Pu	2.64E+01	2.89E+00	5.21E+00	6.16E-01	6.76E-02	1.22E-01
5/9/2000	Near Field	TSP	^{239,240}Pu	3.51E+01	3.11E+00	4.34E+00	8.06E-01	7.14E-02	9.97E-02
5/28/2000	Near Field	TSP	^{239,240}Pu	1.30E+01	1.96E+00	2.95E+00	4.80E-01	7.26E-02	1.09E-01
6/19/2000	Near Field	TSP	^{239,240}Pu	1.23E+01	2.23E+00	4.63E+00	4.37E-01	7.96E-02	1.65E-01
7/10/2000	Near Field	TSP	^{239,240}Pu	7.65E+00	1.91E+00	4.90E+00	3.02E-01	7.53E-02	1.93E-01
4/4/1998	On Site	TSP	^{239,240}Pu	ND	ND	ND	3.80E-01	4.24E-02	5.28E-02
5/3/1998	On Site	TSP	^{239,240}Pu	ND	ND	ND	3.30E-01	4.39E-02	6.50E-02
6/15/1998	On Site	TSP	^{239,240}Pu	ND	ND	ND	3.36E-01	4.94E-02	8.34E-02
7/13/1998	On Site	TSP	^{239,240}Pu	ND	ND	ND	2.24E-01	3.63E-02	6.74E-02
10/3/1998	On Site	TSP	^{239,240}Pu	ND	ND	ND	2.30E-01	2.90E-02	5.00E-02
11/24/1998	On Site	TSP	^{239,240}Pu	ND	ND	ND	1.75E-01	3.58E-02	8.40E-02
1/6/1999	On Site	TSP	^{239,240}Pu	8.03E+00	1.22E+00	1.85E+00	2.56E-01	3.90E-02	5.90E-02
2/11/1999	On Site	TSP	^{239,240}Pu	6.94E+00	9.80E-01	1.65E+00	3.12E-01	4.41E-02	7.41E-02
3/17/1999	On Site	TSP	^{239,240}Pu	1.04E+01	1.42E+00	1.83E+00	2.86E-01	3.89E-02	5.01E-02
4/7/1999	On Site	TSP	^{239,240}Pu	4.10E+01	3.80E+00	8.02E+00	4.51E-01	4.18E-02	8.82E-02
4/22/1999	On Site	TSP	^{239,240}Pu	2.41E+01	3.83E+00	5.82E+00	2.43E-01	3.86E-02	5.86E-02
5/9/1999	On Site	TSP	^{239,240}Pu	2.59E+01	2.20E+00	3.76E+00	4.19E-01	3.55E-02	6.08E-02
5/30/1999	On Site	TSP	^{239,240}Pu	8.39E+00	1.73E+00	2.93E+00	2.33E-01	4.81E-02	8.14E-02
7/6/1999	On Site	TSP	^{239,240}Pu	8.16E+00	1.17E+00	1.52E+00	2.83E-01	4.05E-02	5.25E-02

[b]Date	Station	Type	Nuclide	Activity (nBq m^{-3})	[c]Uncertainty (nBq m^{-3})	[d]MDA (nBq m^{-3})	Activity (mBq g^{-1})	Uncertainty (mBq g^{-1})	MDA (mBq g^{-1})
8/14/1999	On Site	TSP	^{239,240}Pu	6.67E+00	1.45E+00	3.96E+00	2.21E-01	4.81E-02	1.31E-01
9/23/1999	On Site	TSP	^{239,240}Pu	7.59E+00	1.34E+00	2.83E+00	2.13E-01	3.76E-02	7.94E-02
11/4/1999	On Site	TSP	^{239,240}Pu	1.23E+01	1.63E+00	2.70E+00	2.75E-01	3.63E-02	6.02E-02
12/4/1999	On Site	TSP	^{239,240}Pu	3.17E+01	3.09E+00	3.09E+00	6.05E-01	5.90E-02	5.89E-02
1/10/2000	On Site	TSP	^{239,240}Pu	1.16E+01	3.33E+00	8.25E+00	4.75E-01	1.37E-01	3.38E-01
2/14/2000	On Site	TSP	^{239,240}Pu	1.84E+01	2.50E+00	3.77E+00	3.78E-01	5.12E-02	7.74E-02
3/20/2000	On Site	TSP	^{239,240}Pu	2.53E+01	2.38E+00	2.87E+00	5.01E-01	4.72E-02	5.68E-02
4/20/2000	On Site	TSP	^{239,240}Pu	2.18E+01	2.91E+00	4.41E+00	4.62E-01	6.16E-02	9.35E-02
5/9/2000	On Site	TSP	^{239,240}Pu	2.76E+01	2.76E+00	4.91E+00	4.03E-01	4.04E-02	7.17E-02
5/28/2000	On Site	TSP	^{239,240}Pu	2.62E+01	2.99E+00	4.29E+00	4.89E-01	5.58E-02	8.02E-02
6/19/2000	On Site	TSP	^{239,240}Pu	1.34E+01	1.94E+00	2.96E+00	2.51E-01	3.63E-02	5.53E-02
7/10/2000	On Site	TSP	^{239,240}Pu	1.85E+01	2.32E+00	3.48E+00	5.34E-01	6.73E-02	1.01E-01

[a]The 239,240Pu aerosol data shown here have been reposted on April 27, 2001 to correct an error in the calculation of MDCs in the previous version. The ^{239,240}Pu activity concentrations and activities densities are not affected by these changes. Subsequent analyses of the data also have shown that the activity concentrations are more appropriately reported in terms of ambient temperature and pressure rather than corrected to standard conditions as presented here. These changes affect the activity concentrations by ~10% on average, that is the, activity concentrations calculated for ambient temperature and pressure are on average 10% lower than those corrected for standard temperature and pressure. A link will be provided to the data based on ambient temperature and pressure.

[b]Date of midpoint in sample collection interval

[c]Uncertainties were based on counting statistics.

[d]MDA=Minimum detectable activity

[e]ND = No data due to missing volumes of air sampled.