

**New York State Department of Environmental Conservation**  
**Bureau of Air Quality Surveillance**  
**2007 Acid Deposition Annual Report**

Station: Camp Georgetown  
 County: Madison  
 Town: Georgetown  
 Location: Camp Georgetown  
 Crumkill Road

Site #: 265501  
 AIRS #: 360530006  
 Locality: Rural  
 Zoning:

Total Precipitation (Inches of Rain): 48.24  
 Valid Sample Precipitation: 47.52  
 Number of Visits: 53  
 Number of Valid Visits: 53  
 Number of Samples: 46  
 Number of Valid Samples: 46  
 Number of Visits With Precipitation Events: 50  
 Number of Valid Visits With Precipitation Events: 50  
 Number of Anion Analyses: 43  
 Number of Cation Analyses: 43

**Official Sampler**

Elevation: 500 meters

	<b>Precipitation</b> <i>(Inches of Rain)</i>	<b>Lab</b> <b>pH</b>	<b>SO4</b> IPPM	<b>NO3</b> IPPM	<b>CL</b> IPPM	<b>F</b> IPPM	<b>NO2</b> IPPM	<b>Br</b> IPPM	<b>HPO4</b> IPPM	<b>Na</b> IPPM	<b>NH4</b> IPPM	<b>K</b> IPPM	<b>Ca</b> IPPM	<b>Mg</b> IPPM	<b>Lab Conductivity</b> Micro s/cm
<b>Maximum</b>	6.260	4.849	3.785	0.251	0.006	0.020	0.000	0.000	0.134	4.288	0.086	0.550	0.145	34.90	
<b>Minimum</b>	4.220	0.054	0.178	0.013	0.000	0.000	0.000	0.000	0.002	0.017	0.000	0.006	0.000	1.83	

**Precipitation Weighted Mean**

<b>1st Quarter</b>	12.11	4.58	1.212	1.494	0.102	0.000	0.000	0.000	0.000	0.047	0.254	0.006	0.112	0.011	15.18
<b>2nd Quarter</b>	10.79	4.73	1.993	1.173	0.077	0.000	0.002	0.000	0.000	0.030	0.692	0.019	0.160	0.020	15.44
<b>3rd Quarter</b>	9.24	4.64	2.192	0.969	0.053	0.000	0.001	0.000	0.000	0.019	0.623	0.012	0.072	0.008	16.44
<b>4th Quarter</b>	16.10	4.77	1.177	0.918	0.049	0.000	0.002	0.000	0.000	0.024	0.249	0.008	0.058	0.007	10.77
<b>Annual</b>	48.24	4.69	1.573	1.111	0.067	0.000	0.001	0.000	0.000	0.030	0.414	0.011	0.098	0.012	14.11

**Total Deposition**

	<b>H+</b> mg/m2	<b>SO4</b> mg/m2	<b>NO3</b> mg/m2	<b>CL</b> mg/m2	<b>F</b> mg/m2	<b>NO2</b> mg/m2	<b>Br</b> mg/m2	<b>HPO4</b> mg/m2	<b>Na</b> mg/m2	<b>NH4</b> mg/m2	<b>K</b> mg/m2	<b>Ca</b> mg/m2	<b>Mg</b> mg/m2
<b>1st Quarter</b>	8.158	372.824	459.470	31.263	0.000	0.000	0.000	0.000	14.357	78.196	1.993	34.360	3.454
<b>2nd Quarter</b>	5.120	546.177	321.570	20.977	0.000	0.638	0.000	0.000	8.100	189.585	5.335	43.881	5.547
<b>3rd Quarter</b>	5.382	514.360	227.394	12.409	0.065	0.133	0.000	0.000					
<b>4th Quarter</b>	6.922	481.322	375.418	19.936	0.000	0.758	0.000	0.000	9.757	101.832	3.397	23.608	2.937
<b>Annual</b>	25.582	1914.681	1383.851	84.586	0.065	1.528	0.000	0.000	36.643	515.762	13.566	118.773	13.857