

# Hubbard Brook Mini Reunion

Special Event on October 15-17 - before Homecoming - organized by HB Board Member and classmate Mike Smith



Attending the Event from left to right were:

Clark & Happy Griffiths  
 Bruce Bernstein  
 Cynthia & Dick Perkins  
 John Farley  
 Mike Smith  
 (with his dog, Bell)  
 Al Rollins (in back)  
 Cathy Cannan  
 Bob Burton (in back)  
 Jean Smith  
 Ginger & Wendell Smith



<b>Meteorological</b>	<b>Biological</b>
• Air temperature	• <b>Phenology</b>
• Solar radiation	• <b>Birds</b>
• Relative humidity	• <b>Vegetation composition</b>
• Wind speed	• <b>Litterfall</b>
	• <b>Tree cores</b>
<b>Hydrological</b>	<b>Soil</b>
• Lake ice in/out	• <b>Soil temperature</b>
• Streamflow	• <b>Soil moisture</b>
• Precipitation	• <b>Soil Frost</b>
• Stream temperature	• <b>Sediment</b>
• Snow depth/SWE	
• Lake thermal profiles	
• Water isotopes	

David Sleeper, Executive Director of Hubbard Brook along with several other scientists talked to our group giving us extensive background on the research conducted there by PHD scientists and hundreds of students that visit in the summer months to conduct special investigations.

Climate change is of particular interest and they study, record and study all of the subjects listed above in great detail. Changes that may take place over many years are graphed and compared. Check out the Hubbard Brook Web site for more detail.

The Hubbard Brook Experimental Forest, is a fully preserved 8000 acre, carefully monitored forest area part of which is shown above. It is about 15 miles north of Plymouth, NH and owned by the US Forest Service. It also contains the beautiful Mirror Lake. The offices and our living quarters for two nights are on the right side of the lake in the photo, Note that I 93 closely borders the eastern side of the Forest area.

On Thursday we were scheduled for several walking tours using four wheel drives on the dirt back roads of the forest, but over 3" of rain made this impossible. At one point we went to see the wild Hubbard Brook which rose over seven feet due to the rain.

The Perkins and Griffiths decided that the only solution was a hike around Mirror Lake in the intense rain. We got about 3/4 of the way around and found the trail ran out. Needless to say even with umbrellas we got pretty wet!

It was a great visit and many thanks to Dave and his staff. Clark

