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## Important Dates

BoD Meeting	April 21, 2004
Member Breakfast	May 21, 2005
Annual Meeting Glenville CDC, 9am	August 6, 2005

# *Friends of Lake Glenville*

Fall 2004

[www.friendsoflakeglenville.com](http://www.friendsoflakeglenville.com)

Howard M. Austin, Editor

Official Announcement: Annual FLG Meeting August 6, 2005 9am Glenville CDC

## Stormy Fall !!!

Charley, Frances, Ivan, and Jeanne! Names we don't want to hear again, at least not on the Weather Channel or the networks news programs. Most of us had some significant impact from those storms, at our mountain residence, in our surrounding mountain community, and perhaps at our "principle" residence if we are not full time on the lake. Worse yet, some of our friends, relatives, and neighbors especially in Florida are still not "whole" and back to normal, with tarps on the roof, a moldy smell in the house, or even living in a trailer or borrowed dwelling. This was a fall no one will soon forget, joining Opal in the weather-related stories we tell our children and newcomers to the lake.

Rather than retell our own individual stories, this issue will include selected photographs that portray a part of what happened to our lake and mountain community as a result of Mother Nature's wrath. Our community newspaper, the Crossroads Chronicle, has ably told a lot of those stories, tales which are available in their on-line archives or in back issues available from their offices. Copies of the photos used in this issue as well as others that did not fit due to space constraints will be available shortly on the Friends of Lake Glenville web site.

Before we leave this story, we should take a moment and say a prayer, each in our own tradition, for the people of Peeks Creek near Franklin where the most awful human toll was exacted by the storms. The physical damage may soon be covered up by human repairs and the recuperative powers of Nature herself, but the emotional effects will take a long time to heal.



### Pine Creek Covered Bridge Collapses

After the worst of Hurricane Frances, FLG members Teri and Mel Cooper sent in the above photos. "I've been treating myself to walks to covered bridge over Pine Creek for over 10 years. It's a very short walk from my house." said Mel. Teri reports that "I do not know if you were ever aware that there was a covered bridge down into Pine Creek. I hope that you had the opportunity to see it, because it is no more. Frances came through, huffed and puffed and blew it down. Whole portions of the roof are now floating in the cove as are big supports for the bridge."

[The President's Report originally given to the FLG Annual Meeting August 7, 2004]

First, I want to enthusiastically thank our dedicated and creative 2004 board members who have been an absolute pleasure to work during this exciting year. Several travel distances to attend board meetings while the local directors are our willing on-site eyes and ears especially in the off-season. Each and every one has always been willing to go that extra mile that allows us to make the progress I can report to you.

**Joanne Lindquist, Glenville – Treasurer** – serving Year 1 of a 3 year term to expire in 2006

**Howard Austin, Atlanta, Georgia – VP/Communications** – serving Year 2 of a 3 year term to expire in 2005

**Helen Cook, Amelia Island, Florida** – Secretary and Public Relations— serving Year 2 of a 3-year term to expire in 2005

**Sandy Bishop, Glenville - Water Quality Testing** - appointed to fill the 3rd year of Keith Dixon's 3 year term to expire in 2004; re-elected in 2004 to serve a 3-year term to expire in 2007

**David Leach, Atlanta, Georgia – Shoreline Management Liason**— serving the 3rd year of a 3-year term to expire in 2004; re-elected in 2004 to serve a 3-year term to expire in 2007

**Robert Luck, Glenville – Special Projects** – serving Year 1 of a 3-year term to expire in 2006

**Doug Odell, Knoxville, Tennessee- Relicensing Representative**—serving Year 1 of a 3-year term to expire in 2006

**Dottie Ennis, Tampa, Florida- Social Chair** – appointed to fill the 2nd year of Dee Dee Rietze's 3- year term to expire in 2005

Our year to date has been similar to other years in that we have continued our successful projects, built on pending ideas and created new initiatives. We have accomplished two important financial procedures. We have filed for a 501C3 non-profit designation, thanks to hard work of **Joann Lindquist** who prepared this tedious document with board input. The application was legally reviewed by member **Bill Coward** and financially reviewed by an accountant. The document is now filed with the IRS and when approved will enable any FLG donations to be tax-deductible. This year Joanne also arranged credit card charge availability for members who prefer to charge dues, contributions and purchases like logo clothing.

What might be termed an ordinary year however, has actually been an extraordinary one. Early in the year we filed an intervention to the Duke Relicensing Application and subsequently launched our \$50,000 **Win-Win Relicensing Legal Fund** campaign. Each month since May we have successfully gained on our goal reaching \$40,000 in contributions

at this time. The intervention and fund raising projects have greatly impacted volunteer hours for board members and the members who serve on the steering committee or have performed some function for the projects.

**Relicensing Intervention:** The intervention to the Duke relicensing application is necessary because there are serious omissions in meeting the needs of property owners, taxpayers and Jackson County residents. Because the FERC license, when approved in 2006, will cover a 30-year period, it was not an option for FLG to allow the license to be granted without including resolution of our concerns. We are not lone interveners as others who have filed intervention include Jackson County Government, Jackson County Soil and Conservation, Jackson County Recreation Dept and Cullowhee Forest Property Owners Association to name a few whose issues meld with ours. How are we doing so far? Our attorneys, lead **Mike Butler** and his DC counterpart **Phillip Marston** are brilliantly guiding us thru the FERC process. Their research and filings on our issues have been invaluable. For instance, we were told for four years that Duke had no leases on any projects. Our lawyer's research shows that is not true. We were told for four years that the FERC does not allow leases..... not true. Where Duke proposes to fund \$100,000 for a trail to High Falls and plans by-pass water releases from Lake Glenville for kayaking, calculations show that that the trail expenditure is disproportionate when compared to expenditures planned for improving Andrews Park which we support. Calculations also show that the by-pass water releases are an expensive waste of generation that can result in rate increases. Our position on lake levels requires Duke to hold to mid range lake levels throughout the year not just the negotiated highs and lows.

I urge you to go to our web site **www.friendsoflakeglenville.com** and to the Summer Newsletter for a guide to writing protest letters to the FERC on behalf of the issues we are fighting. We have been told that the letters already sent by FLG members have been well written and are making an impressive impact. Also, if you read the intervention documents on the Nantahala Power or the FERC web sites you will gain a good perspective on our positions and those of adversaries as well. With application approval scheduled for 2006, we have a long way to go and we will prevail!

**Lake Clean-Up Day**, held again in June, was another resounding success with boatloads of volunteers that just scratched the surface in cleaning hazardous floating debris and thrash. The day was once again topped off with a lakeside lunch. All in all a winning day for the lake and participants. Thanks to chairs **Lynn and David Leach**, lunch organizers **Jackie Wertymyer, Ann Killilea, Betsy Miller** and to **Susan and Tom Turner** for the use of the Buck

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# Relicensing Legal Fund Success

Thanks to generous FLG member donors, Lake Glenville neighborhood associations, lake property owners and community businesses, at this writing, the relicensing fund was near the goal of \$50,000 set in May of this year. "The response to our solicitations has been very gratifying", said FLG President and Fund Committee member Carol Adams. Not only have FLG members contributed but in addition many have volunteered to solicit members, their property owner association or others in the community", she continued.

There is still solicitation work to be done which will take us over the top report fund committee members Adams, Helen Cook and Howard Austin. Follow-up calls to community business owners, real estate developers and lake property owners will continue before the end of the year. After those calls are completed and the donations are made, a fund total can be tallied and the final fund report will be presented at the May breakfast on May 21st 2005.

Also at the May breakfast winners names will be drawn for the Win-Win drawing. The drawing was originally scheduled for the September breakfast which was cancelled due to Ivan's damage to roads, property and power outages throughout the community. Fund contributor names, one name entry for every \$100 contributed, are entered into the drawing to win a weekend stay at Elizabeth Point Lodge or Katy's Light at Amelia Island or an LCD TV and CD Player.

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## Happy Times!

The now annual **boat parade** on July 4th weekend preceding the fireworks fired from the barge produced some spirited boat decorations (below left). The armada that turned out that night seemed to have more boats in it than have ever been seen on the lake before. At the **FLG 2004 Annual Meeting** August 7th (below right), our guest speakers represented the Cashiers Rescue Squad and Volunteer Fire Department. Their visit was much appreciated. Everyone should support these wonderful volunteers who do so much for our community.



## Membership Committee Reports 2005 Plans

At the September membership committee meeting committee members discussed ideas for developing membership in 2005. Malina Fowler, 2005 chair of the committee, expressed certainty that the committee will be successful in significantly increasing membership and has also called for additional volunteers to join the committee.

Committee members volunteered to handle various items in the 2005 plans to increase membership. Membership solicitation letters will be sent to all lake property owners early in the year by Joanne Lindquist when she sends FLG member dues letters. Pat Strickland will maintain the FLG brochure displays that are located in businesses throughout Cashiers and Glenville. Debbie Castagna will manage the FLG database and a plan for rewarding present members for bringing in new members is being developed by Joann Guise. Malina Fowler will submit general radio and newspaper announcements about FLG. A revised member application will continue to be included with quarterly newsletters and on the website, [friendsoflakeglenville.com](http://friendsoflakeglenville.com).

The committee agreed that involving the real estate community is an important key to increasing membership. Plans are to ask realtors to keep us abreast of new owners and ownership changes throughout the lake community. The membership committee will also alert realtors to our monthly breakfast schedule and other FLG activities that will foster a realtor/FLG working relationship.

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Knob Pavilion.

**Water Quality Testing** – Our incoming stream water testing is an exceedingly important “watch dog” program now that increased development threatens streams and eventually the lake. Working with chair **Sandy Bishop**, volunteers take monthly samples and deliver them to the UNC Asheville testing lab. Our thanks go to **Bill Lindquist, Sam Lupas and Sharon Wadsworth** for their dedication to this program. A much needed lake testing program, planned and implemented by **Don Hanson**, a FLG member with professional experience, rounds out our water quality initiatives.

**Communication Breakfasts** – If you haven’t attended the breakfasts, you have missed an incomparable social opportunity to meet with neighbors as well hear interesting and timely speakers and programs. The breakfasts are our most popular and delicious event. Former Social Chair **Dee Reitze** and now **Dottie Ennis** with the social committee.....**Patti Hicks, Lynn Leach, Joanne and Bill Lindquist**..... produce this casual event held at Trillium Landings on the third Saturday morning from May through September. A greatly appreciated phone committee volunteers time each month to remind members of the breakfasts.

**Communications** (written and electronic)..... **Howard Austin**, editor and web master, has skillfully improved our newsletter as well as the FLG website. The Products and Services ad section, now handled by **Lynn Leach**, is a valuable reference for members and is also distributed throughout the community. Howard also sends FLG email to members about meetings, breakfasts and essential an-

nouncements. If you have an email address and have not been receiving messages, go to the FLG website and use the response form there to email your address to us.

**Logo Clothing And Items Sale**.....Thanks to the efforts of **Karen Scarborough** our logo items department is well organized and a whole new dimension is being added to our inventory and sales effort. Karen has fresh plans for offering many new items next year. She will welcome any ideas and help from others.

**Membership Development** – We continue our membership drive to reach a membership of 300 families. Our membership information brochure is distributed through out the community and all members are asked to help by giving the brochure and member application to non-members. We are seeking new ways to solicit new members and are considering several new ideas for increasing membership but the best way appears to be “word of mouth”. Our relicensing fund campaign has introduced FLG to many throughout the Glenville/Cashiers community. **Debbie Castagna** has volunteered to maintain our member database which we look forward to growing significantly in 2005.

**Community Activeness** - When alerted by members or the community for that matter, we diligently have addressed the problem or concern....lake levels, developer concerns such as Mountain Top, Duke dock restrictions, lakeside noise disturbances and water quality are all concerns we have addressed this year by attending public hearings or investigating and communicating with other organizations or individuals.

**For Pure Enjoyment** – During the **Fourth Of July Fireworks and Parade** – the sky’s were alive! FLG is not a di-



### Storm Damage!

Norton Road collapsed just after crossing Hurricane Creek (top middle), typical of many mountain roads. A home in Tater Knob had a mudslide almost get up to the house (top right). The storage facility in Glenville was partially destroyed by a mud slide (left top and bottom), causing losses to, among others, FLG President Carol Adams and her husband Bill. *Hats Off* to the NC DOT for their rapid repair of the roads!

# Join the Friends of Lake Glenville for 2005

## FRIENDS OF LAKE GLENVILLE

### 2005 Membership Application

Today's date: \_\_\_\_\_

Name(s): \_\_\_\_\_

Lake address: \_\_\_\_\_ "Home" address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Mail all newsletters and other correspondence to \_\_\_ lake address or \_\_\_ home address (choose one only for whole year).

Phone Lake: \_\_\_\_\_ Phone (home): \_\_\_\_\_

Fax (lake): \_\_\_\_\_ Fax (home): \_\_\_\_\_

Email at lake: \_\_\_\_\_ Email at home: \_\_\_\_\_

Lake 911 address if above is PO Box: \_\_\_\_\_

Lake neighborhood name and/or general area: \_\_\_\_\_

**Membership type:** Voting\* \$45 annually \_\_\_

Associate \$45 annually \_\_\_

\* Active member(s) is/are property owners and/or registered voters within one mile of the lake or within Hamburg Township. Associate members live outside this area but have an interest in the lake.

**Sponsorships:** Bronze (\$100-\$199) \_\_\_ Silver (\$200-\$299) \_\_\_ Gold (\$300 and up) \_\_\_ Other \_\_\_ (contact FLG president)

All Sponsorships include: 1 Family membership; FLG decal; Acknowledgment in future newsletter & on FLG website

**Please rank the following FLG programs and projects** on a scale from 1 through 10 according to your level of interest (10=high interest; 1=low interest)

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Membership recruitment   | <input type="checkbox"/> Newsletter    | <input type="checkbox"/> Political/Legislative initiatives |
| <input type="checkbox"/> Water/boating safety   | <input type="checkbox"/> Re-licensing  | <input type="checkbox"/> Fund raising                      |
| <input type="checkbox"/> Lake/shoreline law enforcement   | <input type="checkbox"/> Water quality | <input type="checkbox"/> Social events                     |
| <input type="checkbox"/> FLG activity groups (i.e. fishing, hiking, excursions, golf, tennis, boating, paddling, cards, etc.) |  |  |

I am interested in being on a committee \_\_\_yes \_\_\_no. If yes, which committee(s)? \_\_\_\_\_

Are you a registered voter in Jackson County North Carolina \_\_\_yes \_\_\_no

**Form of payment:** Check: Check No. \_\_\_\_\_

Credit card: VISA \_\_\_ MasterCard \_\_\_ [Other cards cannot be accepted at this time.]

Account #: \_\_\_\_\_ Exp. Date: \_\_\_/\_\_\_/\_\_\_

Cardholder (print): \_\_\_\_\_ Signature: \_\_\_\_\_

Mail completed form with dues check or credit card information to:

**Friends of Lake Glenville, P.O. Box 493, Glenville NC 28736**

\*Must be *received* one month prior to Annual Meeting (this year July 6 2005), in order to vote at Annual Meeting August 6th 2005, per FLG By Laws.

<u>Jackson County Board of Commissioners</u>	
Jackson County Administration 401 Grindstaff Cove Road Sylva NC 28779 828-586-4055, 828-586-7506 fax	
Kenneth Westmoreland, County Manager	586-7580 (w)
Commissioners:	
Stacy Buchanan, Chairman	586-0488 (h)
Roberta Crawford, Vice Chair; District 1	586-2607 (h)
Brian T. McMahan, District 2	586-5451 (h)
Joe Cowan, District 3	586-4328 (h)
Edwin H. Madden, District 4	743-9664 (w)
Jackson County government web site: <a href="http://www.jacksonnc.org">www.jacksonnc.org</a>	
Jackson County general web site: <a href="http://www.main.nc.us/jackson/">www.main.nc.us/jackson/</a>	

<u>Friends of Lake Glenville Board of Directors</u>	
Carol Adams President	404-237-9085 casolveit@yahoo.com
Howard Austin	743-9494 hmaustin@mindspring.com
Joanne Lindquist Tr.	743-1630 william.lindquist@verizon.net
Helen Cook Sec.	743-0733 helen@lodgingresources.com
Sandy Bishop	743-1620 spbishop@earthlink.net
Dottie Ennis	743-7530 dlucyb@hotmail.com
David Leach	743-1825 leachga@earthlink.net
Robert Luck	507-7285 robert@coldwellbanker.com
Doug Odell	743-5079 dodell@juno.com



**Friends of Lake Glenville**  
**P.O. Box 493**  
**Glenville, NC 28736**



## Special Guests at the August Member Breakfast...

Jackson County Manager Kenneth Westmoreland and 4th District Commissioner Eddie Madden joined the FLG Relicensing Stakeholders Carol Adams, Doug Odell, and Jackie Cochrane at the August FLG Member Breakfast. Mr. Westmoreland discussed changes in county government that should improve life for citizens in the southern portion of the county such as more inspectors and a local permitting office. See the Jackson County web site for more details.



## LAKE LEVELS

## Doug Odell

**History:** When Nantahala Power was owned by Alcoa and used for power to convert aluminum, the TVA had a major role in lake level management. TVA has authority since the 1930's, over the entire Tennessee valley drainage area which includes Lake Glenville. TVA's water usage priority order was flood control, river navigation, power generation, and then recreation. River navigation is the managing of river levels for river commerce to New Orleans. Our lake levels were dictated by power requirements and the water needs for river navigation.

When Nantahala Power was first sold, it's water use priority shifted towards power generation. In the mid 1980's the local power demand exceeded Nantahala's ability to generate enough power for the local area.

When Duke Power bought Nantahala Power, the approach for providing power to our local area changed. Duke Power provides relatively constant and adequate power levels from the nuclear generator south of us and uses Nantahala's hydropower for peak loading. Peak loading had occurred primarily for winter electric heating but now also includes a second summer peak for our summer influx and summer cooling. The water usage priority is now flood control, power generation, river navigation and then recreation. Flood control is for protection of the down stream river areas

For many years under Alcoa with TVA's guidance the target for summer lake level was 4 feet below full pool with a winter drawdown of 37 feet below full pool. A natural shoreline was established with these typical lake levels. Over the last 7 to 8 years, Nantahala Power's approach has been to operate with higher lake levels and to reduce the depth of the winter drawdown – and we have enjoyed the benefits of this approach.

During the last few years Duke Power has been testing the feasibility of even higher lake levels that they proposed for relicensing. This rapid implementation of the higher lake levels seriously impacted shoreline erosion. After much study, the highest proposed lake levels were reduced as they better fit the overall needs. These levels are – to target the 1st of May to be at 3 feet below full pool with a 1-foot below full pool max and 5 feet below full pool as a minimum level. Start winter drawdown 1st of Aug at a target of 5 feet below full pool and to drop sharply to a targeted winter drawdown of 10 feet with the maximum drawdown of 15 feet. This sharp Fall drop-off starts to impact the Pine Creek finger by the 1st of September.

**Historical Data:** The data used to determine lake level capability was water inflow, water usage and the estimated power needs. Forty years of monthly inflow data was available for analysis. Mother nature provides and controls the rainfall that creates the lake water inflows. One of the surprises encountered was that there was as much variability of inflows within the years as there was between the years.

**Lake Level Considerations:** The primary purpose of the hydro reservoirs is to generate electrical power. As mentioned above the use of the hydropower is to provide for peak generation needs.

The primary North Carolina Wildlife Resource requirements for lake levels were to protect fish reproduction, creating additional fish habitat and protecting the lake vegetation during water drawdown. (Drawdown not to exceed 10 feet)

The primary FLG requirements were to use all water releases for power generation. to protect fish breeding especially during the lake spring bring up period (including not

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lowering lake levels during the fish breeding periods), to maintain adequate lake levels and relatively stable lake levels during the summer season (May through October), and have a maximum drawdown of 10 feet.

**Data Analysis:** One approach to understanding and assessing the data was to describe a typical “Normal” year inflow, a typical “Dry” year inflow and a typical “Wet year inflow. Each proposed set of lake levels was evaluated and checked using these typical inflow years. Each of the water users’ requirements was defined with several alternatives. These requirements were assembled in various combinations with the inflow data and run through a complex hydro model that simulated the results in each of the reservoirs and entire Tuckasegee River basin to determine the most optimum solutions.

**Requirements Satisfied:** All of the down stream recreation requirements were met within the envelope of the defined power generation. The recreation requirements included fly-fishing, float fishing, rafting and river kayaking. We are still working on the spilling of water for gorge kayaking.

The spring and summer fish breeding requirements are protected. Adequate lake levels and relatively stable lake levels have been established for the summer season. The Minimum Target level in October is marginal for the Pine Creek finger but is significantly better than the prior late fall lake levels.

It was not possible to achieve a maximum winter drawdown of 10 feet. It is necessary to provide for reservoir capacity to capture the spring rains. A maximum winter drawdown of 15 feet has been achieved.

**Targeted Lake Levels:** The lake levels that were submitted with the Hydro License Application for license are shown below. Duke will try to achieve the Normal Target Levels but is allowed to operate within the minimum to maximum values. We are trying to tighten the compliance criteria to the Target levels. The value of 100 is Full Pool.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Maximum	94	94	94	96	99	99	99	98	94	94	94	94
Target	90	90	91	93	97	97	97	95	93	93	90	90
Minimum	85	85	88	90	95	95	95	93	90	90	86	85

The values are for the first day of the month. Differences between the 1st days of each month are prorated by day

To get the current lake level, check the website [www.nantahalapower.com/lakes and recreation/](http://www.nantahalapower.com/lakes%20and%20recreation/) or call toll free 1-866-322-5253.

The possibility of serious draught was addressed with a “Low Water Protocol”. If Mother Nature reduces the inflows and the Minimum lake level cannot be maintained all parties share the pain. Three cycles of water usage reduction are defined. In each cycle the Minimum lake level is lowered 1 foot. Duke generates less power. The downstream recreation is reduced. And the gorge kayakers loose a day of water release.

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rect sponsor of this event but certainly our member’s attendance serves as our support. With close to 200 boats on the lake that evening, many members were able to meet and greet each other in celebration of this patriotic holiday.

**Post Office Garden** - If you use or pass by the Glenville Post Office surely you have seen our most visible community contribution. Our FLG sign is in place as well as seasonal plantings thanks to **Gena Luck**, head gardener and **Terri Cooper and Hedy Oligachany**, the gardeners. Others have been willing contributors..... member Chris Hunter has donated mulch, Toxaway Concrete gave curbing and Chattooga Gardens provided plantings.

I am elated that we are continuing the trend involving more members in our activities. Every board member or committee chair who has reached out to ask for member assistance found the help needed!!! The willing volunteers in our organization make our successes possible.

I thank all of you for your assistance, willingness and support and above all thank you for allowing me to be your president during this exciting point in time.



Friends of Lake Glenville  
PO Box 493  
Glenville NC 28736

FIRST CLASS

**Friends of Lake Glenville**

**Fall 2004**



**On the web: [www.friendsoflakeglenville.com](http://www.friendsoflakeglenville.com)**