

Tennes-Sierran

The monthly newsletter for the Tennessee Chapter Sierra Club

Volume 37, Number 7 - July 2006

it is time to COOL earth's FEVER

by James H. Baker

You will be reading this article about two weeks after the official start of summer in the Northern Hemisphere. Most likely, it will be hot outside, and your air conditioner will be pumping out cool dry air. However, what will you be doing to help reduce the planetary fever called global warming?

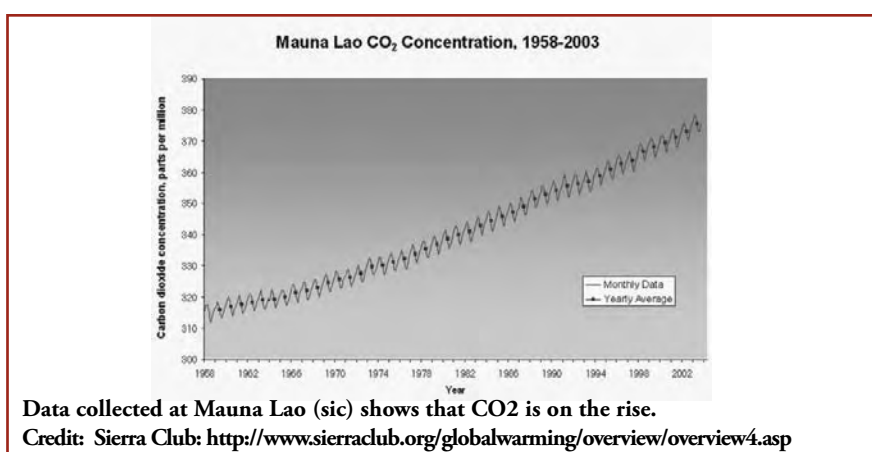
The term "global warming" is not new; it has been bantered about for years. Some lawmakers in Washington continue to dismiss it as a fantasy. However, the science of global warming is increasingly solid.

Facts About the Fever

Fact: Ten Hottest Years on Record: All ten years have been since 1990! In order, they are: 2005, 1998, 2002, 2003, 2004, 2001, 1997, 1995, 1990, and 1999.

Fact: At the beginning of the industrial revolution in the early 1800's, humankind numbered about 1 billion. While there were local problems with air and water pollution in larger population centers, the Earth as a whole could absorb our releases of carbon dioxide with little complaint. In the early months of 2006, the world's population is estimated to be about 6.5 billion and we continue to increase our numbers, our consumption of fossil fuels, and our releases of carbon dioxide (CO₂).

Fact: CO₂ is building up in the atmosphere, from about 315 parts-per-million (ppm) in 1958 to about 375ppm in 2004. Read more at <http://gcio.gcio.org/ipcc/qa/05.html#fig1>



Fact: Beginning during the industrial revolution and continuing on a greater scale today, humans continue to upset the balance of carbon dioxide emissions versus absorption in what are known as "carbon sinks". One of the largest of these carbon sinks is the world's rainforests. However, many are being clear-cut at incredible rate. As stated in E.O. Wilson's book, *The Future of Life*, the rainforests of the West Indies, Brazil's Atlantic coast, Madagascar, and the Philippines retain less than ten percent of their original cover. In short, humanity is burning its safety net.

Fact: The world's five largest anthropogenic (human caused) discharges of carbon dioxide are, in order: The United States, China, Russia, Japan, and America's cars and light trucks.

Effects of the Fever

Melting glaciers and ice sheets: The vast majority of the world's glaciers and ice sheets are melting. As stated on the Sierra Club website, <http://www.sierraclub.org/energy/ait/#consequences>

According to glaciologist Robert Bindshadler: "You might say ice sheets are the 'canaries in the coal mine' of climate science. And right now the canaries are chirping an alarm."

More powerful storms: It is certain that unless we curb global warming, we can expect stronger and more violent storms in the future. Dr. Kerry Emanuel, one of the world's leading hurricane experts, says that all other issues remaining the same, hurricane wind speeds should increase about 5% for every 1 degree Celsius increase in tropical ocean temperature. Read more at: <http://wind.mit.edu/~emanuel/anthro2.htm>

Diseases: As our climate changes, the agents that carry infectious diseases, such as mosquitoes, ticks, and bacteria, will appear in unexpected places. We have already seen cases of diseases thought to be contained to tropical areas only showing up as far north as Washington D.C. and New York City. There is more information at: <http://www.cdc.gov/ncidod/EID/vol4no3/colwell.htm>

The cures to global warming are...global. However, look at the "big 5" CO₂ dischargers. According to the Population Reference Bureau, the United States, with five percent of the world's population releases 20.5 metric tons of CO₂ per capita per year. That is a release of over 45,000 pounds per year of CO₂ for each of the United States' 285 million inhabitants.

Curing the Fever

Population Control: In the developed world, population growth is slowing. It is hoped that in the developing world, affordable and safe contraception practices will slow those countries growth rates as well. E.O. Wilson states in his book, *The Future of Life*, "the encouragement of population control by developing countries comes not a moment too soon. The environmental fate of the world lies ultimately in their hands. They now account for virtually all global population growth, and their drive towards higher per-capita consumption will be relentless." Control of the world's population is the most beneficial long-term solution to global warming, but we need to act now on many other fronts. Humanity cannot wait for population to stabilize.

Reducing the output of CO₂ in the United States: Obviously, we in the United States can take global leadership in minimizing the effects of global warming. How? Here are five things that you and I can do.

1. Elect leaders who care, understand the problem, and pledge to do something about it. The United States, the world's largest contributor of anthropogenic global warming pollution, has yet to take any meaningful steps to curb CO₂ emissions. Inaction by the federal government to curb global warming puts us at odds with much of the rest of the world, reducing our international credibility and influence. One might say that the Bush Administration fiddles while Earth's fever burns.

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Explore, Enjoy and protect the planet

Tennes-Sierran

The monthly newsletter of the Tennessee Chapter of the Sierra Club.

SEND ARTICLES TO:

Email: tn.sierra@gmail.com
or mail: Shanna Petersen, Tennes-Sierran Editor
2703 Adobe Hills Place
Thompson Station, TN 37179

SEND CHANGE OF ADDRESS TO:

*Email: address.changes@sierraclub.org
*Snail Mail: clip the Moving? coupon below and mail
Address changes are processed much faster if you include your
Sierra Club membership number. To find your membership
number, look on the address label of this newsletter.

ARTICLE SUBMISSION GUIDELINES:

Submission DEADLINE is the 10th of the month preceding the new month's issue.

1. Email embedded text submissions, or PDFs, which are preferred to tn.sierra@gmail.com.
2. Photographs should be in a .jpg or .tif file format, whenever possible, then either attached to email or mailed via US Postal Service (USPS) on a CD Rom. Please include a stamped, self-addressed envelope if you would like your disk or photo prints returned.
3. Hard-copy handwritten or typewritten articles may be accepted. Pre-approval from the Editor is required.
4. Any materials submitted via USPS mail cannot be returned unless a stamped, self-addressed envelope is provided.

The opinions expressed in the Tennes-Sierran are those of the contributors and do not necessarily reflect the official views or policies of the Tennessee Chapter, or the Sierra Club.



Harvey Broome Group Annual Summer Picnic

Tuesday, August 8, 2006
6:00 pm until Dark

Holston River Park, Shelter # 1
3300 Holston Hills Road

Bring a dish to share and tales of your summer adventures!
HBG will provide the cups, plates, plastic ware and drinks

-See You There!-

MOVING?

My new address is:

Name _____

Address _____

City/St/Zip _____

Mail to:

Sierra Club
P.O. Box 52968
Boulder, Colorado
80322-2968

Attach mailing address label in this box, or
fill in current name, address & Membership
ID#
Current Address:

Member ID# _____

or Email to:
address.changes@sierraclub.org
(be sure to include your member ID#)

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(List in Transition for 2006)

Tennessee Chapter:

Chair: Don Richardson (901) 276-1387
donrich@juno.com
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Secretary: Mary Gavlik (423) 434-9535
mlgav@hotmail.com
Treasurer: Katherine Pendleton (615) 943-6877
Katibug1959@aol.com
Conservation: Gary Bowers (615) 714-3185
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contact: Terry Miller (423) 842-5053
trmcha@comcast.net

Chickasaw Group - Memphis

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Vice Chair: Allan Lummus (901) 722-9545
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onyxfarm@bellsouth.net
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Blsmith1300@comcast.net
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rshrieve@utk.edu

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Diane@Propson.com
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www.tennessee.sierraclub.org/watauga
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Conservation: Dean Whitworth (423) 727-7214
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maevans@twlakes.net
Vice-Chair: Josie McQuail (931) 372-6142
Jmcquail@tntech.edu
Conservation: Mary Mastin (931) 268-2938
zeblady@twlakes.net
Outings: VACANT

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Environmental Justice Program (901) 324-7757
rita.harris@sierraclub.org

**Please notify the Editor
when changes are needed**

curing THE FEVER



ABOVE: The Memphis-Shelby County Health Department has several hybrid vehicles they use in their daily work. This hybrid will discharge about 30 tons of CO2 in its lifetime. The Chickasaw Group hopes that many more hybrids get put to work in Shelby County government. RIGHT: This Hummer H2 gets very poor fuel economy and over its lifetime, will discharge well over 100 tons of CO2. Photographs by James Baker.



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2. What type of vehicle do you drive? The 5th largest man-made source of CO2 on the planet is America's cars and trucks. The biggest single step we can take to curb global warming is to raise the fuel economy of our cars and light trucks. Cars and light trucks account for 40% of U.S. oil consumption and emit 20% of the nation's CO2 pollution. The average car emits approximately 63 tons over its lifetime - and the average SUV or pickup emitting around 82 tons. However, by using advanced technology - like hybrid engines, smarter transmissions, and aerodynamic designs - we can cut global warming emissions from automobiles in half.

3. Conservation of electricity is important. Since most of our electricity in Tennessee is generated by coal-fired power plants, reducing our demand reduces our CO2 output.

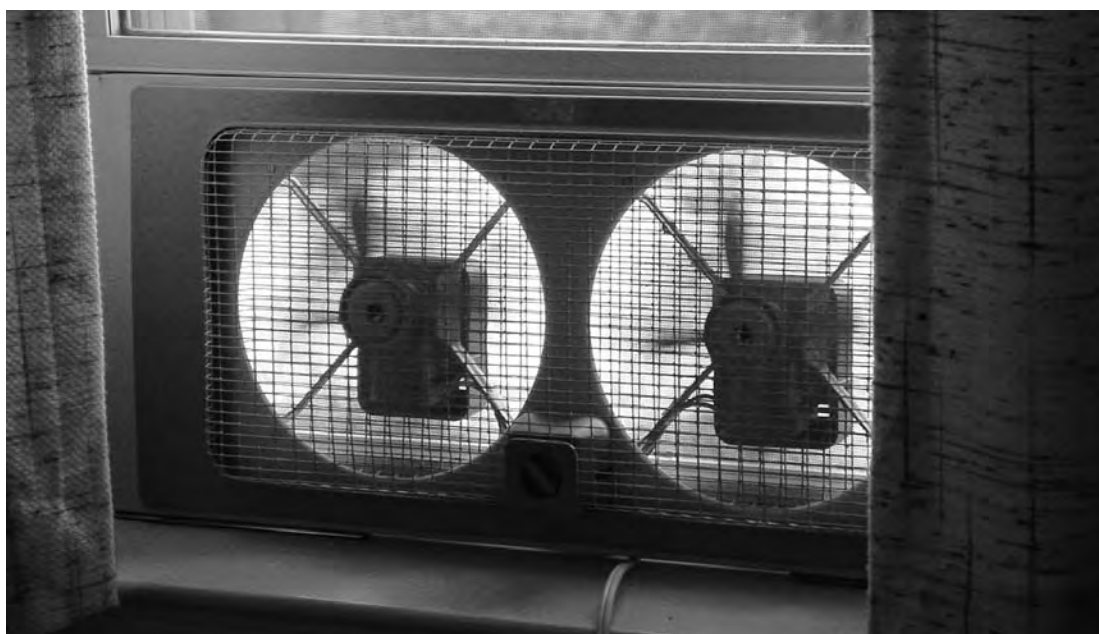
Here are some conservation tips:

- * If you feel safe in doing so, open windows and use fans on cooler summer nights.
- * Keep the air conditioner thermostat at 78 degrees in the summer and use fans to help make it feel cooler.
- * Use compact fluorescent lights where practical.
- * When replacing an appliance, choose the most energy efficient one within the purchaser's budget.
- * Recycle. For example, to make a new aluminum beverage container from a recycled one takes considerably less electrical energy, with far lower CO2 releases.
- * Encourage your family, friends, neighbors and co-workers to do the same.

4. Lobby elected officials to reduce the construction of far-flung "sprawl subdivisions" and shopping centers. Here in Memphis and Shelby County, the accepted practice is to clear-cut a tract of ground, and to replace this carbon sink with a subdivision or shopping center. Generally, these developments require the use of a car to get anywhere.

5. Lobby your elected officials to make your city a Cool City. While the Sierra Club site is somewhat dated, see: <http://www.coolcities.us/> and the more up-to-date site at: <http://www.ci.seattle.wa.us/mayor/climate/>. As of June 15, 2006, 248 Mayors, representing 45.7 million Americans have taken the pledge of the United States Mayors' Climate Protection Agreement. As of June 15th, only one Mayor in Tennessee has signed this visionary agreement, and that is Mayor Charles Womack of Cookeville. Thank you Mayor Womack. It is high time the rest of the Mayors of the municipalities in Tennessee get on board.

We need to stop the fever before it is too late.



The author was able to use this window fan, open windows, and ceiling fans for over a month after his neighbors were already using their central air conditioning units and was able to stay reasonably comfortable. Photo by James Baker.

Meetings

CHICKASAW GROUP (Memphis)

MONTHLY FIRST THURSDAY MEMBERS GATHERING: NOTE: New Hours) - Thursday, July 6, 2006, 5:30-7:00pm - Otherlands, 641 South Cooper, Memphis, Tennessee: Join us for Chickasaw Group's "First Thursday" monthly gathering where Sierra Club members, activists and friends can meet in a casual setting to talk about issues and interests. Contact Karen Prosser - Membership Chair at (901) 327-9820 or kprosser@bellsouth.net for more information.

STRATEGY MEETING: Monday, July 10, 2006, 6:30pm - Prescott Memorial Baptist Church, 961 Getwell, Memphis, Tennessee: This meeting of the Executive Committee is open also to all members of the Sierra Club. Contact Allan Lummus - vice-Chair by July 7 to place items on the agenda at (901) 722-9545 or alummus@utm.edu

PROGRAM MEETING: Wednesday, July 26, 2006, 7:00pm - NOTE: CHANGED LOCATION, Memphis Public Library and Information Center - Cordova Branch at 8457 Trinity Road, Cordova, TN 38018 - next to Bert Ferguson Park - east of Germantown Parkway. The July program will feature several episodes of the DVD, Sierra Club Chronicles, with discussion afterwards. Contact Tom Lawrence - Program Chair at (901) 237-4819 or tomlawrence@bellsouth.net for more information.

HARVEY BROOME GROUP (Knoxville)

PROGRAM MEETING: The HBG Group will meet Tuesday, July 11 at 7:30 PM at the Tennessee Valley Unitarian Church, 2931 Kingston Pike, Knoxville. Bert Emerson, recently featured in the Knoxville newspaper for his through-hikes on the Appalachian and Pacific Crest trails, will present a program on his adventures along the PCT and contrast the two trail systems. Call John Finger at 573-5908 for more information. Directions to the Tennessee Valley Unitarian Church: From I-40, take the Alcoa Highway (US 129) exit, then the Kingston Pike exit, turn right (west) on Kingston Pike. The church is on the right, about 0.3 mi. It is just past the much larger Second Presbyterian Church.

STRATEGY MEETING: Tuesday, July 25, 2006, at 7:30 p.m., at the Tennessee Valley Unitarian Church, 2931 Kingston Pike, Knoxville. We urge all Harvey Broome Group members to join us as we discuss and plan strategies for issues of concern to the group. These meetings provide you an opportunity for input into issues of concern to you. Please join us! For more information contact Axel Ringe at 865-397-1840.

AUGUST PROGRAM MEETING: Tuesday, August 8, 2006, 6:00 pm until dark: Our Annual Summer Picnic, Holston River Park, Shelter # 1, 3300 Holston Hills Road. Bring a dish to share and tales of your summer adventures! HBG will provide the cups, plates, plastic ware and drinks. Directions: I-40 {I-75} east or west, exit 388A onto James White Parkway. Keep right onto ramp towards Summit Hill Drive. Keep left onto E. Summit Hill Drive (road name changes to Dandridge Ave). Turn right to stay on Dandridge Ave. Bear left (east onto

Riverside Drive). Turn left onto Holston Hills Road.

MIDDLE TENNESSEE GROUP (Nashville)

PROGRAM MEETING: Thursday, July 13, 7:00 p.m. at Radnor Lake Visitor Center in Nashville. When it is too hot for hiking on your favorite trails, it is cool underground in our state's wonderful caves. We are so pleased to have local cavers John Hoffelt and Bill Overton present a program that includes a presentation on the Leave No Trace caving ethics necessary to preserve and protect these very special places. The DVD presentation also includes photographs of the spectacular formations found in the subterranean environment, as well as examples of changing gear and techniques used over the years. Bill and John are experienced cavers who are affiliated with a number of local and national caving and cave conservancy organizations, and they will be happy to answer your questions about the what's, why's and how's of caving. Please join us to welcome these special guests and learn more about the fragile and beautiful ecosystem that lies beneath the trails and rivers that many of us are more familiar with traversing. For more information on this program, contact Adelle Wood at (615) 665-1010. Enter the Radnor Lake area on Otter Creek Road, accessible only from Granny White Pike. Non-members are always welcome!

STRATEGY MEETING: Tuesday, July 25 at 6:30 p.m. PLEASE NOTE THAT THE MEETING DAY HAS BEEN CHANGED TO THE FOURTH TUESDAY OF EVERY MONTH. Conservation issues are first on the agenda! Come and get the news on what's happening in our Middle Tennessee Group. All members are invited to attend our conservation and administrative meeting on the 4th floor at 2021 21st Avenue South (the old St. Bernard Academy Building). We welcome you to be with us to learn about the group's conservation initiatives and community activities. For conservation issues or additions to the conservation agenda, contact Diane Perschbacher at 615-895-1236 or email Diane@Propson.com. For additions to the administrative agenda or for more information regarding the meetings, send a message to David Bordenkircher at dabordenkircher@mind-spring.com or call 333-3377.

UPPER CUMBERLAND GROUP (Cookeville)

PROGRAM MEETING: Every second Tuesday at 7 p.m. Please contact Gloria Griffith, (gla4797627 @ aol.com), (423) 727-4797 for more information.



photo/Kevin Walsh

It's time for America to get smart about energy and be less dependent on dwindling oil reserves. We need to increase our use of clean, renewable energy sources like wind and solar power.

Add your voice to protect the planet. Join the Sierra Club today.

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Contributions, gifts and dues to the Sierra Club are not tax deductible; they support our effective, citizen-based advocacy and lobbying efforts. Your dues include \$7.50 for a subscription to *Sierra* magazine and \$1.00 for your Chapter newsletter.

Enclose check and mail to: **F94Q W4300 1**
 Sierra Club, P.O. Box 52968, Boulder, CO 80322-2968



Explore, enjoy and protect the planet

pitch a tent with someone you love



Sierra Club asks for your assistance with the new Backcountry Assessment Form

The Sierra Club Grazing Committee developed a Backcountry (Problem) Assessment Form after a series of meetings with other environmental organizations and the Forest Service in California. These meetings were held to find ways to help mitigate the damage that was occurring on federal lands by livestock grazing. The Forest Service is having a difficult time in finding money and personnel to monitor grazing allotments on all of the federal Forest Service lands it administers and asked us if we could find a way to help with this monitoring. The Grazing Committee wants to emphasize the importance of describing the problem, identifying the area, taking pictures, sending this information through the chain of command, and asking for a response. The form is designed to be broad enough to cover any problems on public land – not just those related to grazing. We hope that this form will aid EVERY federal and state agency in taking care of our nation's publicly owned lands.

The form is below, for you to cut out and use. A formatted version can also be downloaded at <http://www.sierraclub.org/grazing>. Print out a few copies and take them with you next time you go on an outing or any time you plan to be in the backcountry!

**Share your findings ...
make your voice heard!**

BACKCOUNTRY (PROBLEM) ASSESSMENT FORM

This form can be used by backpackers, hikers, packers, and canoers or by anyone using federal or state land. This form is to be used as a way of quickly assessing the health of the backcountry and the personal feelings of the participant. The federal and state agencies want to know about these problems and need your help in assessing the health of the backcountry.

LOCATION – As accurately as possible, describe the location the problem area(s), using reference points (provide the names, distances and directions for the nearest roads, trails, rivers, streams, mountains, mining claims, or other landmarks). Please enter any GPS coordinates, the longitude and latitude, and/or indicate the section, township and range of the area(s), if known.

DESCRIPTION OF WHAT YOU OBSERVED – Describe anything you saw that you thought was out-of-the-ordinary. (Over-grazed meadow, eroded stream-banks, poor trails or trail erosion, damaged fences, weed invasions, animal carcasses, trash, etc.) Include your thoughts on how these problems affected your backcountry experience.

IF POSSIBLE, TAKE A PICTURE OR MANY PICTURES OF PROBLEM!

(OVER)

Attention Students: BE A FORCE FOR CHANGE

Every year, the Sierra Student Coalition runs a series of week-long summer programs for environmentally minded high school and college students.

While there, you will meet people who share a common love for the environment and new ideas for how to make things better.

The programs combine rustic settings and outdoor activities with intense training on how to plan and run environmental campaigns, communicate effectively and build campus environmental groups. Guest speakers provide new insights into the problems facing our planet and how all of us can get involved to solve them.

Many past participants have gone on to lead their student environmental groups and Sierra Club Chapters to new levels of organizing and effectiveness.

Get more information at www.ssc.org or by calling 1-888-JOIN-SSC

Remaining 2006 Student Summer Training Program dates and locations:

July 17-23: Washington • July 24-30: Environmental Justice, near Los Angeles, CA

August 14-20 Pennsylvania • Puerto Rico: Dates TBA: (Native Spanish-speakers only, please)

****REMEMBER TO ATTACH A BRIEF COVER LETTER REQUESTING AN ANSWER TO YOUR ASSESSMENT. ASK THE LAND MANAGERS TO RESPOND TO YOUR ASSESSMENT, AND ANY ADDITIONAL QUESTIONS YOU MAY HAVE, AND ASK THEM WHAT THEY PLAN TO DO TO IMPROVE THE PROBLEM OBSERVED.****

If they don't respond within one month, re-contact them. If you still fail to get a response or feel their response is inadequate, contact your local conservation chair, or a member of the Grazing Committee (<http://www.sierraclub.org/grazing/contact/>)

MAIL OR EMAIL THIS FORM, ALONG WITH YOUR LETTER AND PICTURES, TO THE DISTRICT RANGER, FOREST SUPERVISOR, REGIONAL FORESTER, AND THE CHIEF OF FOREST SERVICE. (Please substitute BLM administrators if on BLM land, park administrator if a state or national park, state forester if on state land, etc.) THE ADDRESSES OF THESE OFFICES CAN BE FOUND IN LOCAL PHONE BOOKS OR ON THE WEB. KEEP A COPY OF THE FORM FOR YOUR RECORDS.

Outings

CHICKASAW GROUP

(Memphis)

Tuesday, July 4, 2006: 3:00pm until dusk. Chickasaw Group Fourth of July Picnic. Meeman - Shelby Forest State Park. Picnic shelter # 5 on Poplar Tree Lake. Bring a dish to share. Group provides drinks and burgers. Signs will be set to guide the way. Contact James Baker (901) 826-2448 or kimo_aubrey@yahoo.com

The Old Forest Hike - The Old Forest Trail, Overton Park, Memphis, Tennessee. NOTE: There will not be Second Saturday hikes in July and August.

Friday - Sunday, July 21 - 23: Sierra Club Quarterly Meeting. Sterchi Lodge at Max Patch Mountain in the Great Smoky Mountains. A favorite place for Sierrans to gather. Worth the drive! Hikes on Saturday and Sunday. Contact Don Richardson (901) 276-1387 or donrich@juno.com

TELEVISION PROGRAM: WPYL - Channel 18, Memphis, Tennessee: "The Nature of Conservation" is the Sierra Club's Chickasaw Group TV Program hosted by Judith Rutschman. The July show is a repeat of a show originally aired in July and August of 2003. Many people did not get to see it as Memphis was slammed by the "Hurricane Elvis" windstorm which knocked out power to much of Memphis during this period. The show features a boat tour of McKellar Lake to highlight the incredible amount of beverage container litter on this lake and to serve as an education effort that Tennessee needs Container Deposit Legislation. For the schedule, please see the website: <http://www.memphislibrary.org/tlc18/18SCHD.htm>

If any groups or individuals in the community have a special problem or concern, or would like to see a program on a special issue or subject, please contact Judith Rutschman at (901) 767-5916 or rutschman@rhodes.edu

CHEROKEE GROUP

(Chattanooga)

For information on upcoming outings, contact Chris O'Connor at chris_o77@yahoo.com or visit our web site at <http://www.tennessee.sierraclub.org/cherokee/index.htm>.

HARVEY BROOME GROUP

(Knoxville)

All HBG outings may be accessed at this website: <http://www.tennessee.sierraclub.org/broome/>

July 1-2, 2006 (Sat-Sun). Backpack, Forney Creek, Great Smoky Mountains Nat'l Park. We will start at the Clingmans Dome parking lot and head out the A.T. to the intersection of the Welch Ridge Trail down to the Jonas Creek Trail down to Campsite #70 for a first day total of 10.8 miles. We should have great views and see a part of the Smokies that doesn't get a lot of visitors. On Sunday we will head up the Forney Creek trail which has several deep creek crossings and back up to the Dome a total of 8.9 miles. Beautiful scenery – and a remote section of the park add up to a very enjoyable trip. DIFFICULTY - RATED DIFFICULT DUE TO ELEVATION GAIN AND CREEK CROSSINGS. Pre-register with Steve Harvey: sharvey86@aol.com; phone 865-986-4608 (days), 865-986-6798 (evening).

August 8, 2006 (Tues). Harvey Broome Group Annual Summer Picnic. Join us at the Holston River Park, Shelter #1, 6:00 pm for our annual summer potluck picnic. Bring a dish to share and some great tales about your summer adventures. Drinks, plates, cups and plastic ware will be furnished. No pre-registration necessary. If you have any questions, contact Beverly Smith, 531.8480 (evenings) or blsmith1300@comcast.net (email preferred). Picnic replaces the August program meeting. Directions: 1-40 {I-75} east or west, exit 388A onto James White Parkway. Keep right onto Ramp towards Summit Hill Drive. Keep left onto E. Summit Hill Drive (road name changes to Dandridge Ave). Bear left (east onto Riverside Drive). Turn left on Holston Hills Road. Address: Holston River Park, Shelter # 1, 3300 Holston Hills Road

August 12-13, 2006 (Sat-Sun). Shining Rocks Wilderness Backpack. The Shining Rocks Wilderness in North Carolina (off the Blue Ridge Parkway and near Waynesville) is one of the three original wilderness areas in the Eastern US, designated by the Wilderness Act when it was first passed in 1964. It is certainly one of our best, and the HBG has periodically done backpacks in the area in early August since the mid-1970's. The wild blueberries are usually plentiful and ripe then. We'll return again this year, and will camp at a recently discovered and relatively unused and unknown high elevation campsite off the main crest that provides views, blueberries, water and a great grassy bald campsite. Distance will be about 9 miles total. Rated Moderate. Preregister with Will Skelton: H 523-2272; W 521-6200; whshome@bell-south.net

Ten Essentials for Hiking

Sierra Club Outings offer a variety of wilderness and near-wilderness experiences. It is important to realize that while all trips are guided by a leader, it is ultimately the responsibility of the individual to operate in a safe manner. To this end, the following is a list of essential items, which should be modified according to the particular type of outing.

1. Adequate map
2. First aid kit
3. Compass
4. Rain gear
5. Extra clothing
(it is a good idea to always have a wool hat)
6. Matches
7. Knife
8. Flashlight
9. Extra food, water
10. The tenth essential.

You decide what is the most important thing to bring!

All participants in Sierra Club outings are required to sign a standard liability waiver. If you would like to read a copy of the waiver before you participate, please refer to: <http://www.sierraclub.org/outings/chapter/forms/SignInWaiver.PDF>, or call 415-977-5630, for a printed version.

Transportation to the outing including carpooling, ride sharing or anything similar, is strictly a private arrangement among the participants. Participants assume the risks associated with this travel.

MIDDLE TENNESSEE GROUP (Nashville)

UPCOMING TRIP!

August 3-12, 2006. Olympic Mountains Backpack. Make plans now to join Katherine Pendleton for a 10 day trip to the Pacific Northwest in the Olympic Mountains in Washington. Katherine led a trip to this area in 2003 and is familiar with this area of Washington. The backpacking trip will begin in the HOH Rainforest and end in Sol Duc at the hot springs resort. Participants responsible for their own gear, airfare, food, incidentals and share of a rental car. The trip is rated strenuous. For information related to the trip itinerary and other details, contact Katherine Pendleton at 615-943-6877 or email Katibug1959@aol.com



photo/Carlos Paes

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A portion of the proceeds come back to
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Sierra Club members are 750,000 of your friends and neighbors. Inspired by nature, we work together to protect our communities and the planet.
The Sierra Club is America's oldest, largest and most influential grassroots environmental organization.



photo/Clara Natoli



Explore, enjoy and protect the planet

Make a gesture that lasts a lifetime.



A Sierra Club Life Membership is a gesture on behalf of all life - from our oceans to our forests, and from the tiniest insect to the largest sequoia. As a Sierra Club Life Member, you'll be helping to support programs and campaigns that protect endangered species and preserve threatened wilderness areas (and all the life that they support) - not only for today, but for decades to come.

Make a really grand gesture.
Become a Sierra Club Life Member.

Name(s) _____
 Address _____
 City _____ State _____ Zip _____
 Phone (optional) _____
 Email _____

I am pleased to enroll as a Life Member of the Sierra Club.

Please enroll me as an individual Life Member.

- Full payment of \$1000 is enclosed.
- \$350 first annual installment is enclosed.

We are enrolling as joint Life Members.

- Full payment of \$1250 is enclosed.
- \$450 first annual installment is enclosed.

- Check enclosed. Please make payable to Sierra Club.
- Please charge my: Visa Mastercard AMEX

Cardholder Name _____
 Card Number _____ Exp. Date ____/____/____

Contributions, gifts and dues to Sierra Club are not tax deductible; they support our effective, citizen-based advocacy and lobbying efforts. Your dues include \$7.50 for a subscription to *Sierra* magazine and \$1 for your Chapter newsletters.

Enclose a check and mail to Sierra Club, P.O. Box 52968, Boulder, CO 80322-2968 or visit our website www.sierraclub.org

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2006 Tennessee Chapter Summer Meeting

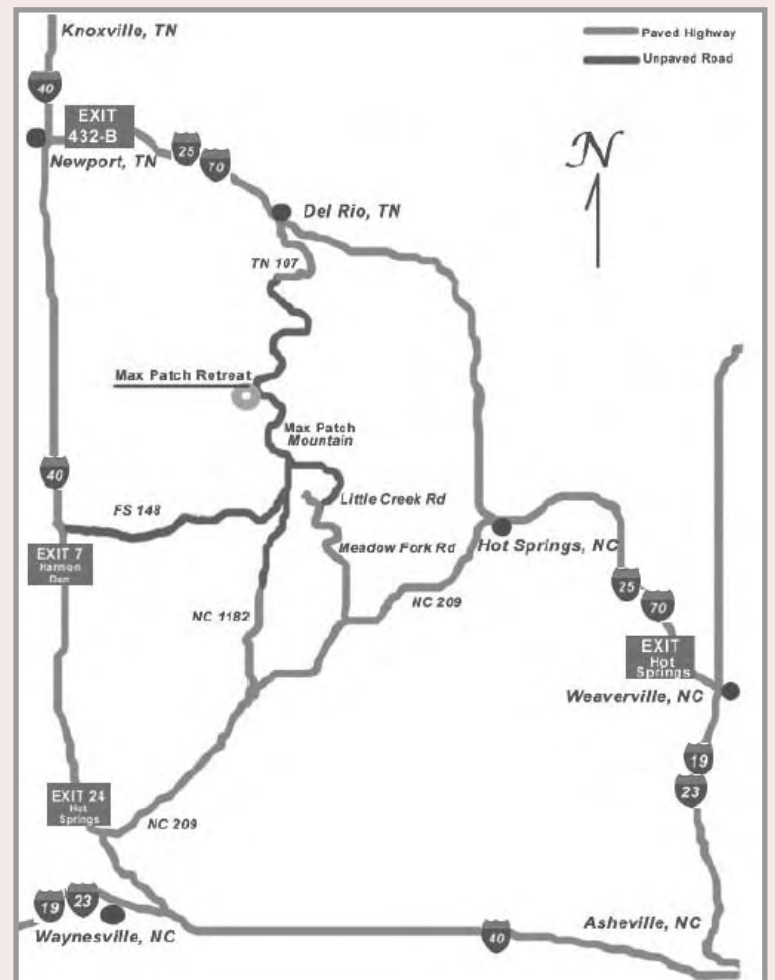
July 21-23, 2006
 Sterchi Lodge at Max Patch
 Hosted by the Tennessee Chapter Sierra Club

•••everyone is invited•••

Join us, and return to an old favorite, the Sterchi Lodge at Max Patch in the Great Smoky Mountains!

FOR REGISTRATION INFORMATION SEE
WWW.TENNESSEE.SIERRACLUB.ORG
 OR CONTACT DON RICHARDSON AT (901)276-1387

Directions (see map to the right of this ad) From Knoxville: Take I40-E through Newport and across the NC state line. Exit the interstate at Exit 7 (Harmon Den). Turn left at the end of the exit ramp, where the blacktop road almost immediately becomes gravel, an all-weather road. Drive approximately 6.8 miles and make a sharp left turn just past a brown forestry sign. (You will also see a sign pointing to Max Patch at this turn. Drive approximately 2 more miles, passing the Max Patch Trailhead on the right and a large pond on the right. Approximately 2 miles beyond on the left is the driveway to Sterchi Lodge. It is possible to approach the lodge by taking Highway 25 through Newport to Del Rio, turn right on 107 for several miles until reaching Round Mountain Road. Turn left there, and follow that road approximately 10 miles. The driveway to Sterchi Lodge will exit to the right (a sharp turn). If you see the Max Patch Trailhead on your left, you have missed the driveway. Turn around and use directions from Knoxville to locate driveway.



Volunteer Opportunity!

To help the Middle Tennessee Group, to help our senior and disabled recyclers, to have fun and to meet other Sierrans, please consider volunteering at our recycling site at the Elysian Fields Kroger in Nashville. The site is open Saturday mornings from 9:00 to 12:00. You will have at least one other person working with you, and you can choose to volunteer only when it is convenient for you, whether that is just one time, monthly, quarterly, or every few months. Please call Recycling Coordinator David Bordenkircher at 333-3377 (H) or 741-1597, or e-mail him at dabordenkircher@mindspring.com.

The Sierra Club - Middle TN Group
Tennes-Sierran
 2021 21st Avenue South, Suite 436
 Nashville, Tennessee 37212

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