



EARTHWORKS

Volume 7 Issue 3

March, 2013

Sally Jewell Nominated for Interior Secretary

In a White House ceremony this afternoon, President Obama announced his nomination of Sally Jewell, CEO of outdoor retailer REI, as Secretary of the Interior. If confirmed, Jewell will assume the position being vacated by current Secretary, Ken Salazar.

In announcing her nomination, the President stated, "She knows that there's no contradiction between being good stewards of the land and our economic progress, that, in fact, those two things need to go hand in hand."

(The National Park Service is under the Secretary of The Interior)

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Trail Ambassador Annual Meeting

The annual Trail Ambassador meeting was held on February 16 at the Strands' home, with nearly 30 Trail Ambassadors participating. David Strand talked about the Trail Ambassadors, past and future, and introduced the Steering Committee who will be team leaders for groups of Trail Ambassadors. Each of the newly appointed Team Leaders presented information about their team activities. They included: Sherry Shogren, Volunteer Registration/Desk Duty; David Strand, Training & Education; Jay Haney, Special Event Staffing; Scott Posey, Trail Patrols & Work Day posts; Lash Lasher, Organized Trail Hikes; Jay Dement, Student Outreach. Surveys were distributed so that members could indicate their interest in various activities and teams. We had some very good feedback on the surveys and many members signed up for new activities. After refreshments, the meeting concluded with remarks from Doug Tasse, KMTTC Trails Director and Amanda Corman, Park Volunteer Coordinator. Each of them expressed appreciation for the work of the Trail Ambassadors in support of the Trail Club and the National Park Service.

Often Trail Ambassadors work alone patrolling the trails or staffing the Visitor Center or in small groups for tasks like Trail Work Day registration. The annual meeting is an opportunity for Trail Ambassadors to become better acquainted, share their experiences and learn more about the diverse ways that the Trail Ambassadors now provide service to the national park. As Kerry Sustak stated, "This was a good opportunity to get to meet and know more ambassadors and encourage more participation through connection. I learned about some of the volunteer activities some of the ambassadors have taken on. We had the opportunity to hear about other ambassador's experiences and indicate which activities we'd like to participate in." We continue to recruit new Trail Ambassadors with an interest in joining this very active and vital volunteer service group. If you are interested, contact us at ambassador@kennesawmountaintrailclub.org.

David Strand
Trail Ambassador Director

Is Your Thing Invasive Plants?

"Invasive plant" control has continued to need our help and we are looking for people to lead some dedicated work days. To do this we will need you to take our crew leader training in February. You should contact Scott Mackay at president@kennesawmountaintrailclub.org if you are interested. This role will require a long term commitment with the Trail Club. We have "lots" of Invasive plants!

February Trail Day Report

"Rain was a factor, But it also wasn't!"

In the 'fine print' of our website is mention that trail work may be canceled if there is heavy rain the day/night before our work day. Well, there wasn't heavy rain on the Friday, but was for several days prior. This caused a major work area to be inaccessible for equipment placement and it would have been unsafe for our volunteers, Thus, with this fact in mind, I canceled a couple of large groups that I had scheduled to work (thankfully they'll reschedule for a future trail day).

Our Saturday trail day weather was beautiful! There were about 75 total volunteers working on the trails. Thankfully we had done prep work for one of our major projects; covering the red dirt on "Visitor Center Cutoff Trail". Three crew leaders led the volunteers covering the trail with aged wood chips. This was a busy project that needed to be completed that day, before more rain set in. There were just enough wood chips and the spreading, thickness on the trail, is perfect!

Our other work for the day had three more crew leaders leading volunteers in the cleaning out of ditch along "Camp Brumby Cutoff Trail" and renewing the grade dips, drainage areas for trail sustainability. This was a heavy labor task that also gave our crew leaders a chance to demonstrate trail construction (on a trail that was laid out many, many years ago). Now there is only about 100 yards to go and we'll have it done all the way to the Brumby Trail; that will be easy, as the major work has now been completed.

Three crew leaders along with an experienced volunteer led two groups of ten to cut and spray cut root with herbicide, "Leather Leaf Mahonia" (invasive plant!). They split up into two groups and came from different directions to infestation area behind Greymont Circle (off Old Mountain Road). To say the least, this was a particularly prickly job! Both groups were made up of young ladies from KSU and GA Sate U. They attacked the Mahonia with the vigor that would have

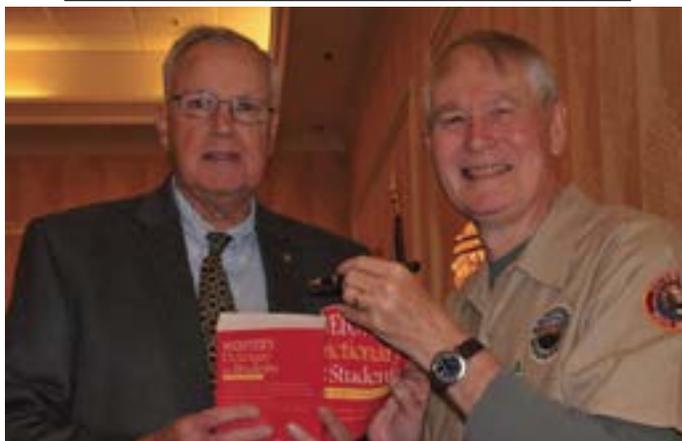
made any sport coach proud.

One crew leader led a small contingent of volunteers to work on a switch back on Hardage Mill Trail, This area had been worked on last month. The group had several that will go thru our crew leader training. This was an excellent time for some close, hands on training to complete a job under the watchful eyes of a highly skilled crew leader. They're looking forward to the upcoming crew leader class- come join them!

It was a beautiful day to be on the trail; made ever so much more by the wonderful work all the volunteers performed. Thank you all for coming to help. Special thanks go to those that helped in preparation for the event, the Trail Ambassadors and those at check in. Also, as always, the park Maintenance and Law Enforcement Rangers that helped make our trail day successful and safe.

Thanks,

Doug Tasse
Trails Director



Jay Haney Makes Presentation To The Rotary Club Of Marietta

Jay Haney of the Kennesaw Mountain Trail Club gave the day's program on the contributions of African-Americans during the Civil War and the upcoming sesquicentennial of the Battle of Kennesaw Mountain for the Rotary Club of Marietta Metro, GA on 25 February. He signed a dictionary for a club literacy service project. His presentation may be found at http://www.kennesawmountaintrailclub.org/documents/Black_History_Month_2013.pdf



"Earthworks" is published monthly by the Kennesaw Mountain Trails Corps.

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E-mail: faf1948@bellsouth.net

Additional Volunteers needed! Call today!

FAX: 770-516-9120 (Call first, so I can turn it on!)

A Special Thanks!

Each year we have various groups who come out and help us. Henceforth, we will make every attempt to list your group here for the current/past fiscal year. If you are participating as a group, be sure to let us know when you are registering!

Following is a list, in no particular order, of the groups who participated during Fiscal 2012 (October 2011- September 2012) and Fiscal 2013 (October 2013 - Present):

FY 2012

AESTHETICS

ATLANTA AREA COUNCIL PHILMONT CONTINGENT (TWO CREWS)

BACK COUNTRY HORSEMEN OF NW GA (BCHNWG)

BANK OF AMERICA

CHATTAHOOCHEE NRP

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

CUB SCOUT PACK 702, MARIETTA

CUB SCOUT PACK 1954, ATLANTA

DEVEREUX GEORGIA, KENNESAW

GE (GENERAL ELECTRIC COMPANY)

GEORGIA STATE UNIVERSITY

GEORGIA TECH TRAILBLAZERS

GIRL SCOUT TROOP 22613, MARIETTA, GA

GREEN YOUTH GROUP

HANDS ON ATLANTA

KENNESAW MOUNTAIN HIGH SCHOOL NAVY ROTC GROUP

LIFE UNIVERSITY

REI, KENNESAW STORE

ROBOTICS TEAM, McEACHERN HIGH SCHOOL

SADDLE UP COBB (SUC)

STARBUCKS

SERVECOBB

TROOP 1, SMYRNA, GA, EAGLE SCOUT PROJECT

TROOP 89, POWDER SPRINGS, EAGLE SCOUT PROJECT

TROOP 147, MOBILE, AL, SERVICE PROJECT

TROOP 277, MARIETTA, GA, EAGLE SCOUT PROJECT

TROOP 405, McEACHERN UNITED METHODIST CHURCH

TROOP 741, MARIETTA, GA, EAGLE SCOUT PROJECT

TROOP 1294, POWDER SPRINGS, GA,

PHILMONT SERVICE PROJECT

UPPER IOWA UNIVERSITY

WALTON TEEN SERVICE CORPS

WEST GA MOUNTED SEARCH AND RESCUE WGMSAR)

FY 2013

AFRICAN AMERICAN STUDENT ALLIANCE AT KENNESAW STATE UNIVERSITY

ALPHA ZETA CHAPTER - KENNESAW STATE UNIVERSITY

BOY SCOUT TROOP 700, DALLAS, GA, EAGLE SCOUT PROJECT

BOY SCOUT TROOP 795, MARIETTA, GA, SERVICE PROJECT

BOY SCOUT TROOP 321, EAGLE SCOUT PROJECT

GEORGIA TECH

HANDS ON ATLANTA

HARRISON HIGH SCHOOL CROSS COUNTRY TEAM

KSU BETA ALPHA PSI

OMEGA PRIVATE ACADEMY

OMEGA PHI ALPHA - KSU, NATIONAL SERVICE SORORITY

POPE HIGH SCHOOL FRESH LIVING CLUB

REINHARDT UNIVERSITY

SOUTH COBB HIGH SCHOOL (TEENS, TRAILS & TRENCHES PROJECT)

TROOP 405, McEACHERN UNITED METHODIST CHURCH

WALTON TEEN CORPS

In addition, the following individuals/groups/businesses have donated materials, etc. to the Club:

Zachary Fox, owner of "Fox Specialty Dogs and Street Eats" has donated 6 large cases of drinking water for our November work day. Zachary has volunteered with us several times as well.

The following Groups participated this past month (February):

OMEGA PHI ALPHA SORORITY @ KSU

GEORGIA STATE UNIVERSITY FEMALE SOCCER

ALLATOONA HIGH SCHOOL NJROTC

TROOP 75, SERVICE PROJECT

Eagle Project Update

In the past two weeks, Porter Hawley, Troop 252, 1st Pres. Church, Marietta, finished 750 ft. of split rail fence along Old 41 from the cannon to the county four-rail fence. He used 10 people for a total of 131 hours and it looks great. This completes our sixth project since October 1st. We have several scouts now beginning work in the park or finishing their approval process:

- One Eagle Scout candidate just finished constructing and placing nine benches on the Environmental Trail which complement the signage placed a few months ago.
- We have another scout who will replace 450 ft. of three-rail fence at Kolb Farm in the spring.
- One Scout who will add split-rail in front of the visitor center. All we need is the fence!
- We have a Scout who is designing and constructing signage to designate historic division and brigade placement from the Cheatham Hill area to Kolb Farm. If the park approves this signage, we will look at adding these markers throughout the park.
- Our latest Scout is looking to place and replace mileage signage for loop trails throughout the park, although it has yet to be approved.

Special thanks to Harry and Curt for coming out to help the Scouts during the past month or so!

Donald V. Olds



Kennesaw Mountain Trail Club Calendar

<u>Date</u>	<u>Time</u>	<u>Location</u>	<u>Event</u>
March, 2013			
7	7:00 pm	KSU Center	Cobb Civil War Roundtable lecture
9	8:30 am- 1 pm*	Old Hwy 41 parking lot	Trail Work Day
11	7:00 pm	Visitor Center	Monday Lecture Series
16	9 am - 10:30 am	Depart Visitor Center	Short Fleet Feet Hike
23	9 am	Depart Burnt Hickory Parking lot	Long Fleet Feet Hike
	9:00-12:00	KSU Center	Civil War Symposium (free) – 4 lectures
23	TBD	Kennesaw Mountain National Battlefield Park	Crew Leader Training Class
24	11,12,2,3	Visitor Center	Artillery Demonstrations (cannon firing)
March (Fleet Feet Hikes led by Trail Ambassadors Lash & Debbie Lasher)			

April, 2013

2	7:00-8:30	REI Kennesaw	A Child's Walk in the Wilderness- an 8 year old hikes the Appalachian Trail, Asher Molyneaux
4	9:00 am	Visitor Center-Big K	NPS Native Plants team & N. Cobb Christian HS
	7:00 pm	KSU Center	Cobb Civil War Roundtable lecture
6	9:00-12:00	Visitor Center	Park Day (Civil War Trust, sponsor)
6 & 7	11,12,2,3	Visitor Center	Infantry Demonstrations, 16th Georgia
13	8:30 am-1 pm	Old Hwy 41 parking lot	Trail Work Day
	9:00-10:30	Visitor Center	Fleet Feet Hike: Short Hike
20	9:00-12:00	Visitor Center	Global Youth Services Day (w/Hands On Atlanta)
27	9:00-12:00	Illinois Monument Parking lot	Fleet Feet Hike: Long Hike
	TBD	Burnt Hickory Parking lot	Photo Hike
28	11,12,2,3	Visitor Center	Artillery Demonstrations (cannon firing)

Mark Your Calendars!

Upcoming Work Day Schedule:

Our trail work days are open to the public on the 2nd Saturday of each month and are a wonderful way to get outside & enjoy nature while helping preserve the national park for future visitors. We will meet at 8:30 am at the new parking lot, .2 miles north of the Visitor Center on Old 41 and usually are finished by 1:00 p.m. Activities usually include the use of shovels, rakes, picks, and other tools to fix erosion problems on the 20+ mile trail system. Please do not wear open-toed shoes & long pants are recommended.

As winter months approach, weather conditions can change quickly. We value our volunteers' health, comfort and safety so to promote safer work conditions, we'll cancel work days if the temperature is below 40 degrees and/or there's a high probability of precipitation. If we must cancel a workday, we'll post an announcement on the front page of the KMTC website at: www.kennesawmountaintrailclub.org

If your school, church, business, or community organization would like to schedule a special work day as a team building or public service activity, e-mail us at kmtctrails@kennesawmountaintrailclub.org at least 4 weeks in advance. Trail work can be performed any day of the week.

We work closely with the Park Service and assist the park staff by providing critically needed volunteer effort to install signs, build bridges, and maintain the 20+ miles of trails. Since our beginning in 2002, the Trail Club has donated over 25,000 volunteer hours to Kennesaw Mountain National Battlefield Park.

We hope to see you at a work day soon!

The Switchback on the Hardage Mill Trail

Jay M Dement

A switchback is used when the terrain is too steep for a trail to approach by the usual methods. There are several key points to bear in mind when designing a switchback; the upper tread should be sloped in and the lower tread should be sloped out. A retaining or crib wall needs to be built to support the down hill side and the inside turn. A drainage ditch on the upper slope allows for water evacuation.

The switchback on the Hardage Mill Trail has been in the restoration process for several years. These pictures show the changes that have taken place.



Before



December 2011



January 2013

The "before" picture shows the previous condition of the switchback. Note the exposed ends of the wood wall which

were completely exposed. In December 2011, the inside retaining wall was rebuilt and the tread area was widened. Then in January 2013, a crib wall was built on the outside and the tread further widened, using the material to build up the downhill approach ramp.



February 2013

In February the tread was enlarged some more, using the dirt to further build up the downhill approach.

In addition, a drainage ditch was dug against the uphill dirt wall to allow for water to evacuate. The ditch was dug fairly deep and sharp to withstand weather and

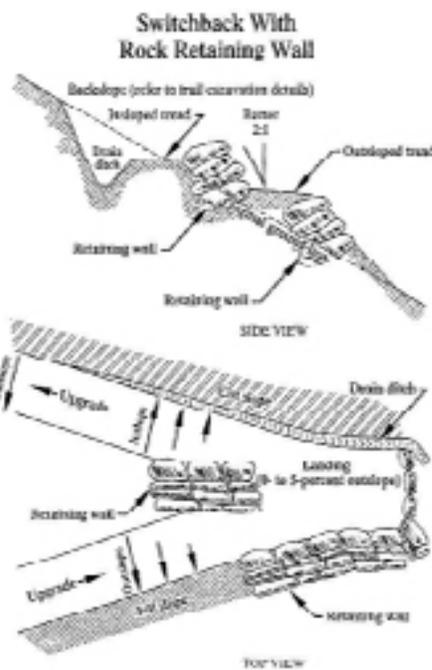


Figure 71—A switchback with a "T" turning platform, suitable for hiking trails



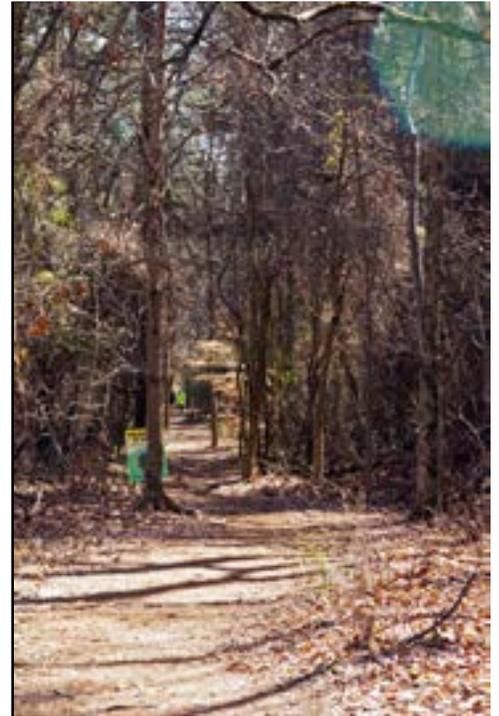
Photos by Jay M Dement, Drawing from USFS

use and be maintenance free for several years.

Note the "fan" (red lines, left) at the end of the drainage ditch, which causes water and debris to scatter and not form a blockage.



Trail Ambassador meeting at the Strand home.



*Park Scenes
Photo by Fred Feltmann*



March 9th Work Plan

All work will take place at area across from Cheatham Hill picnic area:

1. Build up lower area of Cheatham Hill Trail by adding stone boarder by culverts and adding dirt fill to raise and extend trail, use fill dirt and pack during fill process and cover fill with wood chips.
2. Add crushed stone for drainage and cover area with fill dirt and pack during fill process and cover fill with wood chips.
3. Collect and run thru wood chipper cut privet and wood debris from area in field across from Cheatham Hill picnic area.
4. Add fill dirt and build rolling grades for drainage along trail leading down hill toward Cheatham Hill Monument area; pack fill dirt and cover area with wood chips

Note: work will be accomplished using hand tools and mechanized equipment: Team work will be of prime importance during this work day

Thanks,

Doug Tasse

Trails Director (dougmktc@gmail.com)



*Park Scenes
Photo by Fred Feltmann*

BOOK REPORT
CO. AYTCH
Maury Grays
First Tennessee Regiment
or
A SIDE SHOE OF THE BIG
SHOW

By **Sam. R. Watkins**

Reviewed by Bill Gurry

One of the most entertaining books on the war is the classic, "*Co. Aytch*." Since over 100 of the 236 pages concern the Atlanta campaign, it is reviewed here as a book on the Atlanta Campaign.

The author, Sam Watkins, writes as if speaking to the reader e.g., "Reader, mine, did you live in that stormy period?" The narrative is informative, humorous, serious, depressing, and emotional, and tells the story of the war as seen through the eyes of a single "high private" in the ranks of the rebel army. The reader is cautioned that if he is looking for history, look for a book by the "big bugs, the generals and renowned historians."

Watkins enlisted in the Bigby Grays immediately after the first attack on Fort Sumter and as Tennessee's secession from the Union was imminent. He soon transferred to and served four years in the Maury County Grays that became Company H in the First Tennessee Infantry. He was in all the battles of that regiment from First Manassas (where the regiment was not engaged), then west to Shiloh all the way through Nashville and the subsequent terrible retreat and "degeneration" of the once-proud Army of Tennessee. He was wounded in at least three battles.

Watkins was in the thick of many pitched battles. His longest and most vivid description is of the fighting at the Dead Angle at Cheatham Hill. The consolidated 1st/27th Tennessee was in the trenches at the very apex of the Dead Angle, right behind where the Illinois monument now stands. Watkins describes the fight there as "one of the most desperate and determinedly resisted battles fought during the entire war." He writes that he heard one soldier say "Hell had broke loose in Georgia, sure enough."

According to Watkins, the consolidated 1st/27th Tennessee included 3,200 men through the war, but only 65 men stood by the "tattered flag" when surrendered near Greensboro in April 1865. Watkins was not at that surrender; it is believed he was captured before the end of

the war, although he doesn't mention that in his narrative.

Watkins comments on the politics of the day in his own style. Except for Joseph E. Johnston, generals and politicians don't fare too well under his analysis. He begins and ends with the observation: "The United States has no North, no South, no East, no West. We are one and undivided."

The book, "*Co. Aytch*" is for sale at the Kennesaw Mountain Visitors Center.

Leave No Trace Fund Drive

The Leave No Trace Center is currently conducting a Fund Drive. If interested, you may follow one of the two links below to either get more information on their organization or to contribute.



<http://tinyurl.com/cdd2m72>

<https://Int.org/civicism/contribute/transact?reset=1&id=13>



Pack 1714, Marietta, GA out on a day on February 9, 2013
Photo by Fred Feltmann

Alternative to Allowing Your Dog to Run Off Leash at Kennesaw Mountain National Battlefield Park

Kennesaw Mountain National Battlefield Park (KEMO) is a wonderful Historical and Natural place that hosts more than one million five hundred thousand visitors every year. That is more visitors than any other National Civil War Battlefield including Gettysburg, PA. Which means that you can expect crowds of visitor's every day that there is nice weather and even more on nice weekends.



The best reason to keep your dog on its' leash is to enhance the park experience for **ALL** visitors. Many people and especially small children are afraid of dogs. Even people who have dogs of their own are wary around an unfamiliar animal.

The second best reason to keep your dog on its' leash at KEMO is safety. That means safety for you, for your pet, and for other visitors. Even though it is in the middle of a major metropolitan area, it is a 3,000 acre wilderness park with a great deal of back country-like forest and a wide variety of wild life which includes predators like Coyotes. Equestrians use many of the trails in the central and southern sections of the park. Trail runners use many of the trails throughout the park. Horses and runners are endangered when they come upon an unleashed dog in their travels on the trail. A frightened horse can hurt itself, it's rider, your dog, or you in close quarters on the trail.

Finally keeping your dog on its leash, cleaning up after him, and properly disposing of his wastes is the law in the park and in Cobb County as well.

On the other hand, our dogs need exercise; they need to play, and to socialize with other dogs. There is an alternative. The Cobb County Parks and Recreation has opened a beautiful spacious park on Pitner Road in West Cobb.

Pitner Road Dog Park
2450 Pitner Road
Acworth

The Pitner Road Dog Park is comprised of two adjoining but separately-fenced play areas for off-leash dogs with approximately 2 acres of space for larger and one acre of

space for smaller dogs. The dog lots have both open-space and shady, wooded areas with benched seating for dog owners. Each area has dog water fountains and "poop-mit" stations providing bags for owners to pick up after their pets. A gravel access road and parking lot with 50 parking spaces.

A combination picnic shelter and restroom building (presently with four picnic tables) sits on a rise and overlooks the playground and dog lots. A multi-function playground for children ages 2 to 12 is between the picnic shelter and the dog lots and can be easily seen from the seating areas of both locations. For information, contact the Western District Zone office at **(770) 528-8890**.

Follow this link to get [Directions from KEMO to Pitner Road](#)



[Dog Park.](#)

Additional photos may be found at: (All photos provided herein and at the website are courtesy of Richard Angeli)

<https://plus.google.com/u/0/photos/107270565850165349852/albums/5846830106380375521>

Photos by Richard Angeli

Work Day - February 9, 2013

Photos by Fred Feltmann



Kennesaw Mountain National Battlefield Park Calendar of Events

*Please make note that all listed activities are subject to change without notice

MARCH

March 11: Monday Night Programs Lecture Series Various speakers presenting on relevant and interesting historical topics. Talks take place at the Visitor Center at 7:00 pm. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

March 24: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

APRIL

April 6: Park Day A volunteer opportunity for those ages 6 and up. Sponsored by the Civil War Trust, this day gives citizens a chance to assist in the upkeep of Civil War sites. Further information to be announced; please visit the Battlefield's website. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

April 6-7: Infantry Demonstrations The 16th Georgia will present infantry demonstrations near the Visitor Center at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

April 8: Monday Night Programs Lecture Series Various speakers presenting on relevant and interesting historical topics. Talks take place at the Visitor Center at 7:00 pm. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

April 14: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

April 28: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

MAY

May 12: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

May 13: Monday Night Programs Lecture Series Various speakers presenting on relevant and interesting historical topics. Talks take place at the Visitor Center at 7:00 pm. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

May 26-27: Memorial Day Commemoration A variety of events to be announced. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

JUNE

June 9: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

June 29-30: Battle of Kennesaw Mountain 149th Anniversary Activities include infantry, artillery and civilian life demonstrations. Other activities are to be announced/ Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

JULY

July 14: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

July 28: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

AUGUST

August 4: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

August 25: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

August 31 - September 1: Labor Day at the Mountain Various activities to be announced, including artillery demonstrations taking place at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

SEPTEMBER

September 9: Monday Night Programs Lecture Series Various speakers presenting on relevant and interesting historical topics. Talks take place at the Visitor Center at 7:00 pm. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

September 15: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

September 29: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

OCTOBER

October 13: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

October 14: Monday Night Programs Lecture Series Various speakers presenting on relevant and interesting historical topics. Talks take place at the Visitor Center at 7:00 pm. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

October 27: Artillery Demonstrations The Kennesaw Mountain Gun Crew will present artillery living history at 11:00 am, 12:00 pm, 2:00 pm, and 3:00 pm near the Visitor Center. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

NOVEMBER

November 11: Monday Night Programs Lecture Series Various speakers presenting on relevant and interesting historical topics. Talks take place at the Visitor Center at 7:00 pm. Kennesaw Mountain National Battlefield Park; N/C; 770-427-4686. www.nps.gov/kemo

Trail Club Shirts and Merchandise Available

http://www.cafepress.com/kennesaw_trails

100% Cotton Denim Embroidered Shirt \$35.00



Support your club and Kennesaw Mountain National Battlefield Park by showing the colors. We have a selection of shirts both long-sleeved and short-sleeved available in our online Gear Store. 20% of the purchase price of any of our products goes directly to support the park.

The yellow tee shirt (\$17.99) with the club logo on the back has become the default standard uniform shirt for trail workdays. The bright yellow color stands out in the woods, and the logo is clearly visible when you are bent over swinging a Pulaski or a MacCloud.

If you would like to have one or more shirts at this price, e-mail **Jay Dement** at tees@kennesawmountaintrailclub.org with your name, size, and quantity of shirts. The Yellow shirt is available at a special price of \$15.00 during Trail Maintenance on the second Saturday of the month.



*Walking the Dog (on a leash) - February 9, 2013
Photo by Fred Feltmann*

Contact List - Updated 10/31/11

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Facebook Page		http://www.facebook.com/#!/kmtcsocial



Sign up for
Crew Leader Training
March 23, 2013

Applications are now being accepted for the next Crew Leader class by the Kennesaw Mountain Trail Club. You have the opportunity to learn about trail maintenance and how to effectively lead a group of volunteers. You will be requested to work a number of events over a couple of years. For more information and to sign up contact:
trainingprograms@KennesawMountainTrailClub.org



www.KennesawMountainTrailClub.org

Impact Of Rainfall And Development On Kennesaw Mountain Trail Work

By Jay Haney, Trail Club Historian

Persistent trail wet spots have appeared in many parts of the Park this year because of 12.40 inches of rain in January and February as compared to a normal of 8.71 inches of rain in the same period.

Upstream development from the Park will continue to increase each year. With more roofs, parking lots and roads, rain water runs into Park streams faster causing flash floods during episodes of heavy rain.

The National Weather Service has been recording annual rainfall since 1895. Review of this information for the state of Georgia reveals that:

- The average annual rainfall is 50.2 inches.
- Amounts range from a low of 30.99 inches (1954) to a high of 70.66 (1964)
- Since 1895, of the ten driest years, 5 have been during the operation of the Kennesaw Mountain Trail Club. GA has been in a historic drought since 2006 with only brief relief in 2009. The rest of the years of KMTC operation have been nearer the historic average.

The Cobb County Storm Water Management Department records intense levels of storm water run-off.

Using the above sources a historical perspective can be produced.

2002 50.72 inches of rainfall

2003 57.85

2004 52.51

September 7- Hurricane Francis caused a Federal Disaster Declaration but only minimal flooding in Cobb County.

September 16- Hurricane Ivan caused widespread flooding in central and northeast Cobb County. Numerous roads flooded in Cobb County after Ivan dropping 4 -8 inches of rainfall over a 2 hour period.

September 28- Hurricane Jean brushed by Cobb County causing minor flooding

2005 56.52

July 11- Hurricane Dennis hit Cobb County and dropped 12–14 inches of rainfall in southwestern Cobb County.

Approximately 400 properties were flooded and over 70 homes were damaged. This flooding destroyed the Barfield Bottom boardwalk and bridge.

2006 40.63 10th driest

2007 39.08 5th driest

2008 41.43 14th driest

2009 53.54

September 21– Catastrophic flooding in Cobb County in which some 1600 homes were flooded. Close to 100 homes in Unincorporated Cobb; over 84 homes in the City of Austell and over 16 homes in the City of Powder Springs sustained “substantial damage”. Southwestern portions of the county in and around the City of Austell at the Paulding – Douglas – Cobb County line received rainfalls in excess of 20 inches within a 24 hour period. USGS estimated this storm was well above the 500 year recurrence interval. NWS straight-line projections put this storm at the 10,000 year recurrence interval.

2010 40.15 6th driest

2011 36.67 4th driest

2012 40.23 7th driest

Taking into account the floods in 2004, 2005 and 2009 by backing those events out of the annual totals would indicate the drought has actually lasted from 2004 to the present. Because of rapid run-off the rain literally dumped during those floods did not soak in to help with drought conditions.

Conclusion: At some point the drought will break and conditions will return to more normal rain fall and water conditions. We can expect more springs to become active, more wet-spots to develop and a change in maintenance needs.

150 Years Ago in the Civil War, March 1863

Mar 3 Abraham Lincoln signs first Conscription Act. The U.S. Congress passed a conscription act that produced the first wartime draft of U.S. citizens in American history. The act called for [registration](#) of all males between the ages of 20 and 45, including aliens with the intention of becoming citizens, by April 1. Exemptions from the draft could be bought for \$300 or by finding a substitute draftee. This clause led to bloody draft riots in New York City, where protesters were outraged that exemptions were effectively granted only to the wealthiest U.S. citizens.

Mar 11 Confederates block Union attempt to bypass Fort Pemberton near present day Greenwood, MS along the Mississippi River. Part of the Union [Vicksburg campaign](#).

Mar 14 Confederate batteries at Port Hudson fire on Union squadron sinking USS Mississippi. The Siege of Port Hudson occurred from May 22 to July 9, 1863, when Union Army troops assaulted and then surrounded the Mississippi River town of Port Hudson, Louisiana, during the American Civil War. In cooperation with Maj. Gen. Ulysses S. Grant's offensive against Vicksburg, Mississippi, Union Maj. Gen. Nathaniel P. Banks's army moved against the Confederate stronghold at Port Hudson. On May 27, 1863, after their frontal assaults were repulsed, the Federals settled into a siege that lasted for 48 days. Banks renewed his assaults on June 14 but the defenders successfully repelled them. On July 9, 1863, after hearing of the fall of Vicksburg, the Confederate garrison of Port Hudson surrendered, opening the Mississippi River to Union navigation from its source to the Gulf of Mexico.



This is the side-wheel steamship *Mississippi*, an older ship which had carried Commodore Mathew Perry to Japan in 1854. The ship ran aground during the attempt to run past Port Hudson, and was set ablaze and abandoned by her crew. Later in the night, the ship drifted down river and exploded with a spectacular display which was seen from many miles away. The *Mississippi*, which mounted 17 guns, had previously survived the passage of the forts below New Orleans. (Photo from LSU Library-Suydam Collection.)

Mar 17 The Battle of Kelly's Ford, also known as the Battle of Kellysville, took place on March 17, 1863, in Culpeper County, Virginia, as part of the cavalry operations along the Rappahannock River during the American Civil War. It set the stage for Brandy Station and other cavalry actions of the [Gettysburg Campaign](#) that summer. Twenty-one hundred troopers of Brig. Gen. William W. Averell's Union cavalry division crossed the Rappahannock to attack the Confederate cavalry that had been harassing them that winter. Brig. Gen. Fitzhugh Lee counterattacked with a brigade of about 800 men. After achieving a localized success, Union forces withdrew under pressure in late afternoon, without destroying Lee's cavalry.

Mar 24 Union amphibious expedition skirmishes with Confederates, Steele's Bayou, Mississippi. The Steele's Bayou Expedition was a joint operation of Major General Ulysses S. Grant's Army of the Tennessee and Rear Admiral David D. Porter's Mississippi River Squadron, conducted as a part of the [Vicksburg Campaign](#) of the American Civil War. Its aim was to move Union forces from the Mississippi River to a point on the Yazoo River upstream of Confederate Lieutenant General John C. Pemberton's defenses of Vicksburg. To avoid enemy artillery in place on the bluffs to the east of the city,[1] the expedition would leave the Yazoo and proceed indirectly on a route through a series of waterways in the flood plain to the east of the Mississippi.

Mar 26 West Virginia votes for gradual emancipation in the State.

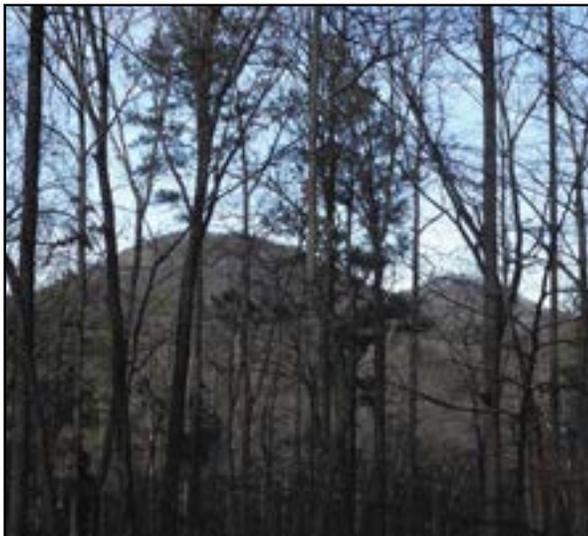
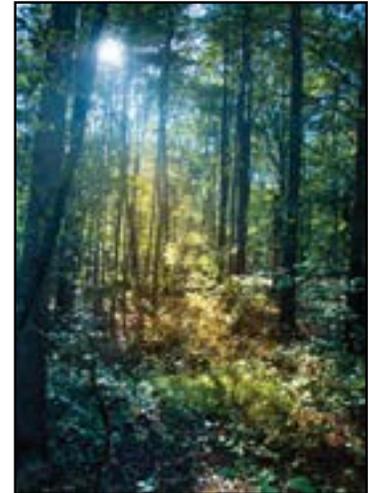
Kennesaw Mountain Trail Club
in partnership with the
Georgia Appalachian Trail Club
present a

Photo-Hike
Kennesaw Mountain National Battlefield Park
April 27, 2013

Kennesaw Mountain was the last strong hold for the Confederates before the Federals burned Atlanta in 1864. We are fortunate to have this wonderful natural and cultural resource so close and accessible. Join us as we explore several areas of the park and discover exciting historical sites and some great springtime mountain scenery. We will hike and photograph some interesting areas of the park.

We will be meeting Saturday April 27, at 8:00am at the new parking lot on Burnt Hickory Road, see map.

Drive through the parking lot, at the gate there will be an attendant who will direct you to parking in the field. Be sure to display the parking pass, below.



The hike will be a couple of miles so make sure you have good footwear. Be sure to bring your camera, with charged batteries and a tripod. You may also want to bring some water, a snack and sturdy shoes.

The hike will finish at 12:00 and all cars have to be moved from the parking area. You are welcome to stay but will have to move your car.

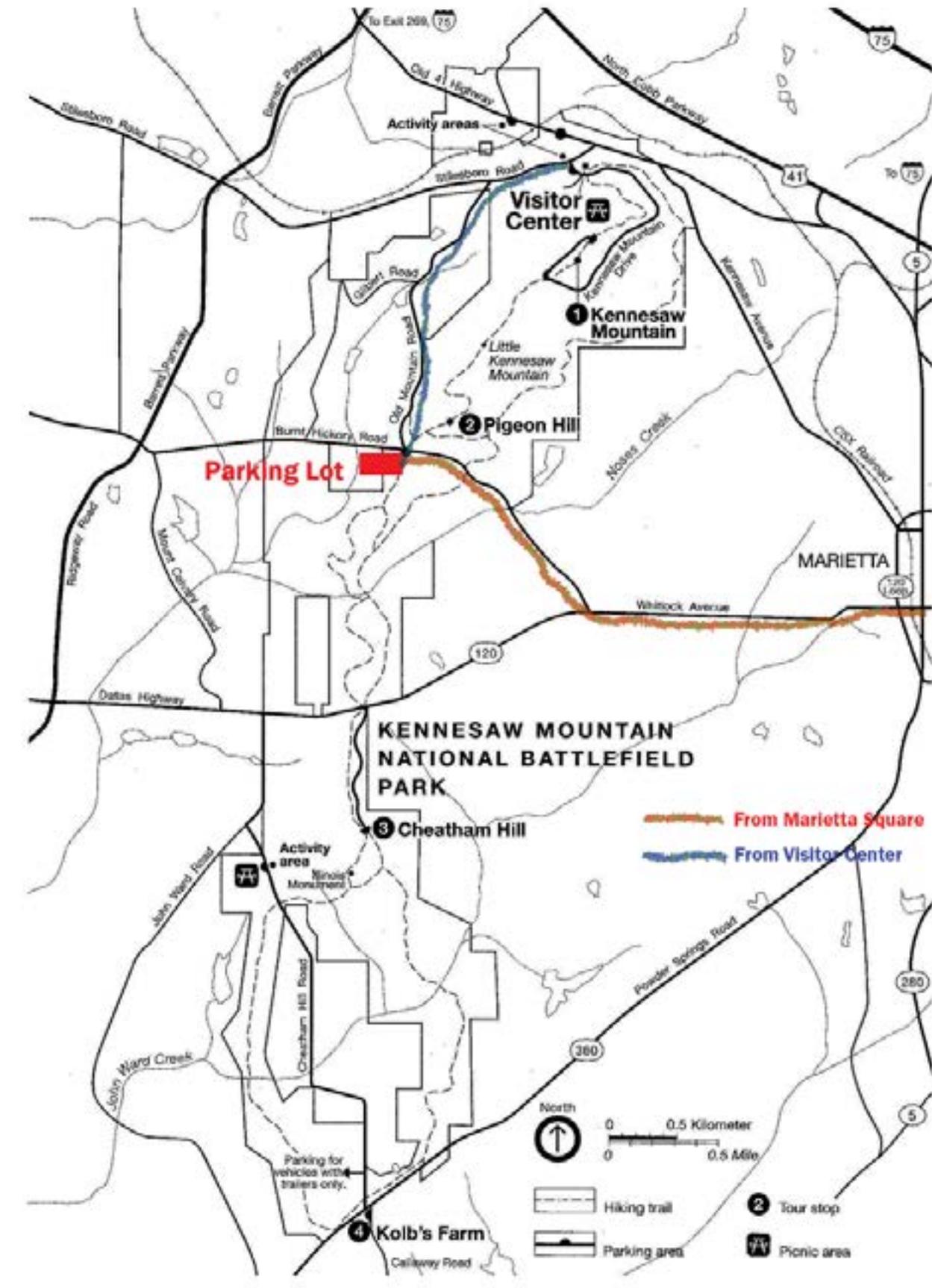
To register, call Jay Dement at 404-731-1901 or email at jay@jayDphotos.com or call Van Hill at 770-339-7748 or email at van.hill@att.net

Photos by Jay Dement



Photo-Hike
April 27
PARKING







National Park Service
U.S. Department of the Interior

Kennesaw Mountain
National Battlefield Park

905 Kennesaw Mountain Drive
Kennesaw, GA 30152

770-427-4686 phone
770-528-8399 fax

Kennesaw Mountain News Release

Park Seeks Public Input on Proposed Shuttle Bus Fee

Park staff is seeking public comment on a proposed fee increase to the shuttle bus operation at Kennesaw Mountain National Battlefield Park. The shuttle bus operates on weekends and takes visitors to the top of the mountain. This service enhances the visitor's safety and park experience by allowing them to walk or run up the mountain road without the volume of constant vehicular traffic. At this time, the park is proposing a fee increase from \$2/adult to \$3/adult and from \$1/child to \$1.50/children ages 6-11, children under the age of 6 would continue to ride for free.

In 1974, the park officials determined that the road to the top of Kennesaw Mountain was overly congested on the weekends and closed it to vehicular traffic. A bus would shuttle visitors to the top of the mountain every 30 minutes on both Saturdays and Sundays. In 2005, the park officials implemented a fee to ride the bus to the top of the mountain of \$2/adult and \$1/child, ages 6-11. All children under the age of six, ride the bus for free. Last year, the park received funding to purchase a hybrid electric shuttle bus that is handicap accessible.

The fees collected each year for the operation of this service cover 35% of our cost to operate the shuttle bus. The park supplements the cost from the operations budget. This transportation fee increase would help offset the cost of the shuttle bus operation which would allow the park officials to divert funds back into park operations.

There is no charge for the shuttle service for visitors that have an Interagency pass, Interagency Senior pass, or an Interagency Access pass.

The park officials encourage the public to submit your comments on the proposed transportation fee increase by **March 20, 2013** to:

Email: kemo_superintendent@nps.gov

Write to: Kennesaw Mountain National Battlefield Park
Civic Engagement
905 Kennesaw Mountain Drive
Kennesaw, GA 30152

Fax: 770-528-8399

Sponsors/Partners Corner

Many thanks to our Sponsors and Partners for their support!

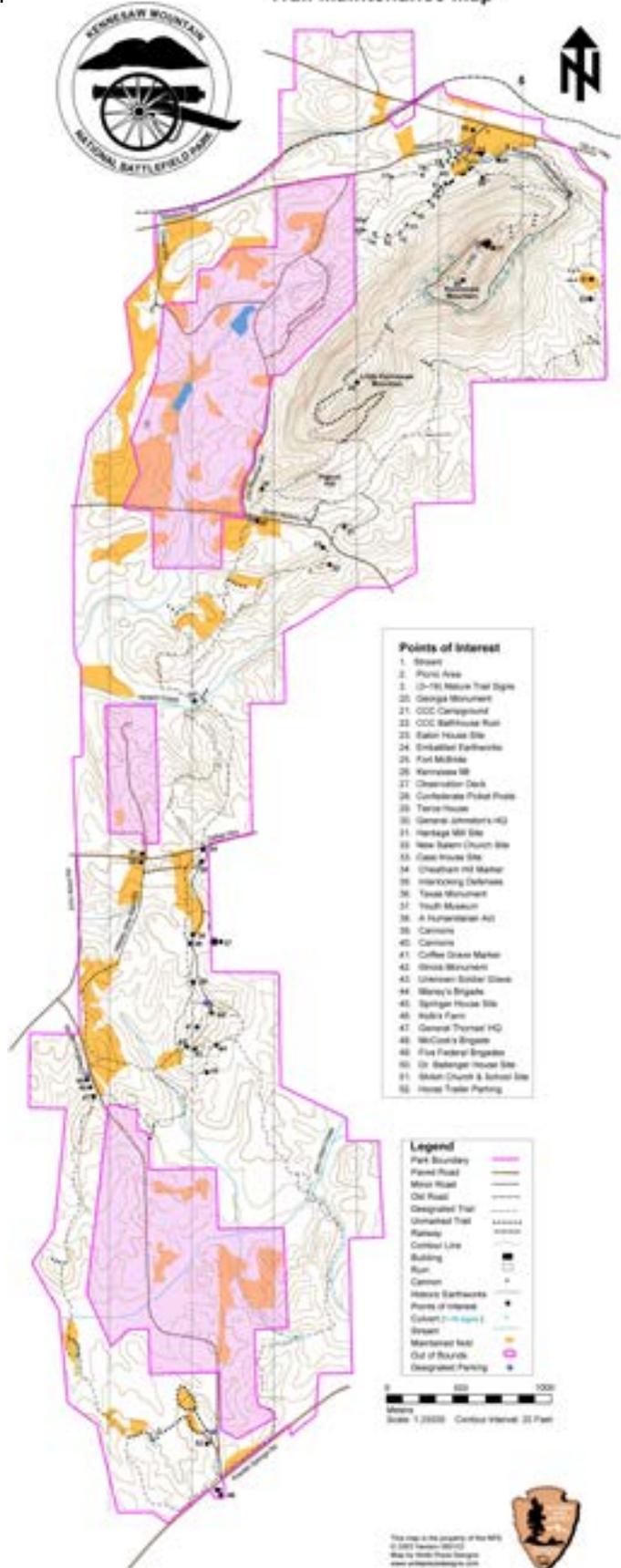


<http://americanhiking.org>



KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK

Trail Maintenance Map



April Newsletter Deadline

If you wish to have an article published in the April Newsletter, please submit it to Fred Feltmann at faf1948@bellsouth.net no later than March 20th!