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science for a changing world

# Mapping Retirees Newsletter

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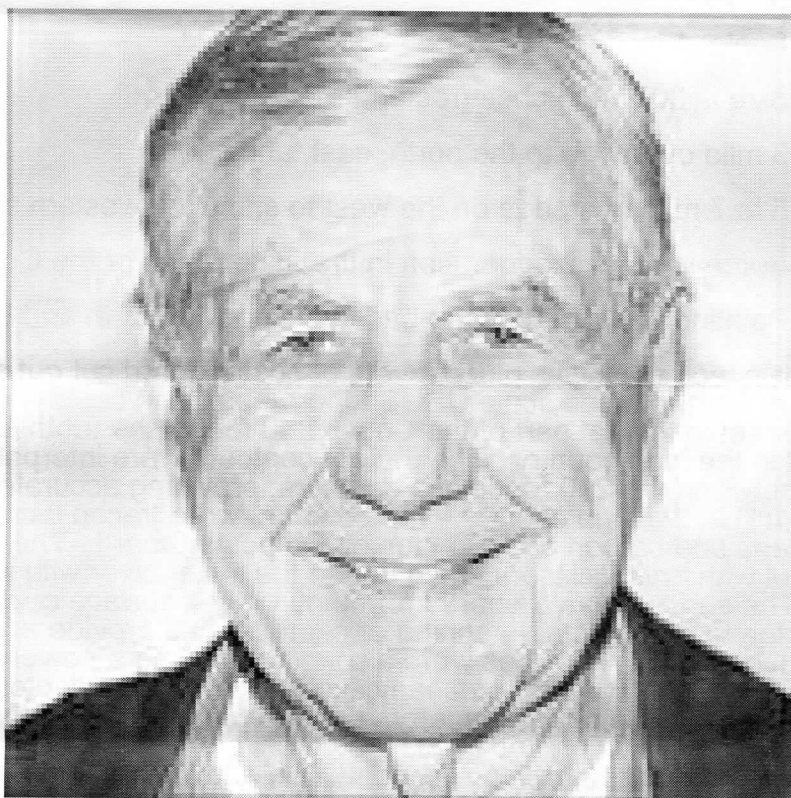
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## In Memoriam



Doyle G. Frederick  
November 22, 1935 - April 29, 2017  
See page 5

## Boulder County Map

### BOULDER COUNTY 3-D MAP MODEL

Randy Olsen

Since my retirement from USGS, I have been working part-time (2 mornings a week) for Boulder County Parks and Open Space. It is a Colorado county agency that acquires and manages properties for recreation, access to adjacent public access properties, and preservation of farmland leased to farmers as an alternative to urban sprawl. I made an arrangement with them to build a three-dimensional relief map model of Boulder County that is display quality for the lobby of their agency building. I agreed to provide my time and labor, about 1,000 hours from May 2015 to January 2017. They agreed to provide funding for materials, exhibit space, and a display fixture for their lobby.

The map specifications are:

- Scale: 1 inch = 1 mile (1:63,360)

- Size is 30 x 42 inches (rectangle)

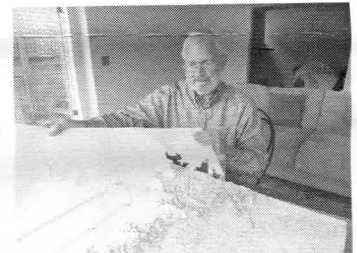
- 3 mile overedge to the north, east, and south

- 5 to 7 mile overedge on the west to show the western slope of the Continental Divide

- Some vertical exaggeration in the flatter parts of the County (artistic license)

- Painting of the landscape based on Google Earth and USGS topo maps

The basic technique was glued layers of poster board cut out along contours from reduced scale USGS topo maps. The contour interval was 20 feet in the flat part of the County, 40 feet in the foothills, and 67 feet in the high country. The 67 foot contours were interpolated as thirds between the 200 foot index contours, providing accurate vertical scale (1:1) in the high country. The contours were traced using ball point pens and carbon paper on top of the poster board. The layers were cut with artist scissors and glued to the lower layer with white glue. The surface was prepared for painting by a surface coating of white glue to reduce stair-stepping of contours and provide a smoother surface. Features were also shaped using a power drill with a sanding point – sort of a mechanical equivalent to the contour shaping we did in photogrammetry. Landscape painting for the land cover was acrylic paint, and linear features were black, brown, green and blue fine-point Sharpies. The only non-natural treatment was the County boundary using a red Sharpie, and place name labeling using decals with a clear background.



The completed map model is displayed in the Boulder County Parks and Open Space lobby, located in Longmont, Colorado. It is mounted to a display base with a sidebar legend that identifies me as the map creator with a picture and a brief description of how it was made. It also includes a north arrow, scale, and description of the various colors used to paint the landscape. It is not covered by glass so that education and outreach visitors can touch and feel the terrain features.

Go to <https://youtu.be/j2rxxcpTMM8> for a movie created by Randy's daughter.

See finished product on next page.



### SIR South Picnic

Aleene Ozborn hosted the 2017 SIR South Picnic the first Friday in March.



Martha Hughes & Aleene Ozborn

Attendees at the 2017 SIR picnic near Orlando, FL. Front row left to right is Butch Bowman, Tom Lauterborn, Bob Wakefield, Don Keys, and Larry Amos. Middle row left to right Paula Bowman and Carol Keys. Back row left to right Mary Amos, Barbara Wakefield, Aleene Ozborn, Joi Lauterborn.



## Retiree Doings

**Dando, Thomas 81RT** (Springfield, VA) His daughter reports "My father, Thomas Dando, fell last year in his motorized chair and ended up in a rehab center."

**Dewing, Vernice 81MCMC** (Corpus Christi, TX) reports "I turned 97 on March 19, 2017 and am doing well."

**Elliott, Michael 94WMC** (Fort Collins, CO) writes "Hi everyone! I am still mobile and in good health. In the event I can no longer ride my street motorcycle, I hope there is enough energy for golf. I enjoyed Tony Novotny's latest field surveying article. Brings back many fond memories."

**Jones, Clyde 96MAC** (Stafford, VA) reports "My how time flies! Dorea and I are still enjoying our retirement years. Our children are talking retirement. That must mean we are getting older. We have grandkids at Virginia Tech, George Mason and Shenandoah. I am still into golfing and am ready for spring. No extended trips this past year. We are looking forward to a great 2017."

**Newman, Larry 86EMC** (Sterling, VA) writes "I first met the USGS in 1959 when I worked as a Temporary Field Assistant with Max Weber 94MAC. After graduating from college in 1961, I signed on as a civil engineer and really enjoyed most of the next 10 years in the field. Nancy and I really loved the assignments in Maine, Vermont and New Hampshire. After working in the office from 1971 until 1986, I happily took advantage of early retirement. After 30 years of retirement I am still working part-time as a self-employed land surveyor, licensed in Ohio and Virginia, when not golfing with Max Weber, Barry Humphrey and Dave Hurst 94NPS. Barry has been surveying with me for over 20 years. Nancy is a retired nurse practitioner. Our three grandsons are all former members of the Ohio State University Marching Band (Buckeyes)."

**Rosenfield, George 86RT** (Melbourne, FL) reports "Hi Mapping Retirees. I am doing fairly well at age 91 1/2 and am medically pretty good, with only a touch of "afib" so am on Eliquis blood thinner. Mentally, I'm a little off-the-wall. My short term memory is almost gone, but I still drive for short distances and not late after dark. I still miss Carolyn something awful, since her passing in January 2015, after 66 years married. Andy is still staying with me at home, even though his apartment is only 15 minutes away. A friend of mine sleeps there. I haven't been skiing for 5 years, because of a bad left knee. It was mostly cross country. I start Synvisc injections at the VA clinic next month, so maybe I'll try again in a year or so. I keep active in veterans, military and environmental activities here in Brevard County, FL and they publish me about one out of three times in the local paper. I see many names in the "Retiree Doings" and it brings back fond memories. I saw Tony Meunier had a write-up recently. He once wanted me to go to Antarctica with him. Carolyn said "go", but she would be gone by the time I got back. Best regards to all."

**Hank Svehlak 95ESIC** (Henderson, TX) writes "Still alive and doing well on the ranch in Texas. If you travel this way, stop in and say hello."

**Max Weber 94EMC** (Culpeper, VA) writes "A few years back I wrote that I had completed a priority on my bucket list, that was visiting all 50 states. Well this year I completed another bucket list item. That was transiting the Panama Canal. In March, we (wife Barb, niece Barbara and nephew-in-law Bill) boarded the Holland America Zuiderdam cruise ship and visited the Bahamas, Aruba, Curacao, Columbia, Panama and Costa Rica. This included a complete transit of the canal, which was the main objective of the cruise. Also, earlier this year I almost accomplished another bucket list item which is shooting my age in golf. I shot 78 at 77 years and 10 months."

**Cecil Williams 90MCMC** (Oklahoma City, OK) reports "My wife Velma and I are enjoying the move to Oklahoma. We now have four grandchildren and three great-grandchildren to watch grow up. The following appeared in the News Leader, a local newspaper. "Balladeer and author Cecil Williams will be speaking and performing blues songs of his own composition at the "Black Legends of the West: Heroes and Sheroes (women heroes)" gallery opening at Owens Art Place, 1202 E. Harrison, on Feb. 15 starting at 3 p.m."

**Wright, Bruce 99MAC** (Reston, VA) writes "Kerie and I have taken several bike trips over the past few years. Kerie was diagnosed with ovarian cancer in 2009 and when she is in remission we pack our folding Bike Fridays and head out. Since 2014 we've taken several bike tours: Southern Arizona; Trail of the Coeur d'Alenes in Quebec; Death Valley; Miami to Key West twice; Natchez Trace; Erie Canal; Le P'tit Train du Nord; California Wine Country; Victoria, BC; and the Katy Trail. I've written up most of the trips at <http://www.restondigital.com/reports.html>. Kerie will finish her latest round of chemo in April and we hope to head out again this summer."

### Obituaries

**Norman Brew 85PD** (Lakewood Ranch, FL), 94, passed away on April 30, 2017. He was born and raised in Barre, Vermont and served in Europe in the US Army Signal Corps during World War II. After the war, Norm returned to Syracuse University and then with his Civil Engineering degree was employed by the USGS in Arlington, VA. The first five years involved field work east of the Mississippi River. He then moved inside to work in the Arlington office. He soon moved to the Washington office where he spent the rest of his career in the Branch of Aerial Photography for the acquisition of aerial photography for mapping purposes. Norman married Pauline Rossi, also of Barre, VT on June 21, 1952. They enjoyed 62 years of marriage until Pauline passed away in 2014. He is survived by his daughter.

**Caudry, Marie 84CTD** (Daytona Beach Shores, FL) passed away July 25, 2016.

**Doyle Grimes Frederick 97** (Gainesville, VA), 81, died peacefully at home on April 29, 2017. He was born November 22, 1935 in Tishomingo County, Mississippi. Doyle graduated from Corinth Mississippi High School and attended North East Mississippi Junior College on a basketball scholarship. He continued with a basketball scholarship at Bethel University and earned a Bachelors degree in Mathematics in 1957. After graduation, Doyle served in the United States Air Force from 1961 to 1963. After service, he joined the United States Defense Mapping Agency in St. Louis, Missouri, then earned a Masters in Science in Astronomy from The University of Cincinnati. In 1965, Doyle went to work at the USGS in the National Mapping Division. Doyle had a long and distinguished career with the USGS, rising to the position of Associate Director of the USGS. His next career move was as Acting Assistant Secretary of Water and Science at the Department of the Interior where he provided management oversight to the USGS, Bureau of Mines and the Bureau of Reclamation. After retiring from the executive branch of the government, he became Chief of Staff to the United States Senate Sargent of Arms. During his career he received many awards and honors. The most prestigious was the Presidential Rank Award of Distinguished Executive, presented by President Ronald Reagan. He was predeceased by his parents. He is survived by his wife of 60 years, Betty Lois Frederick (nee Todd); two sons; five grandchildren; three great-grandchildren; and two sisters. Doyle was an active member of Vienna Baptist Church for 52 years, where his memorial service was held.

**Keys, George David 97NMD** (Palm Bay, FL), 83, passed away September 29, 2016. Dave Keys as he was known in Virginia was a sportsman and a coach. He coached football at Eastern High School in D. C. They were champions in 1951 and 1952. As a golfer he scored four holes-in-one. He had three sons and a daughter.

**Kindon Roseberry Jenson, Jr. 84WMC** (Santa Clara, CA), 91, aka Kin, KR or Papa, who dedicated his life to helping others, peacefully passed away on March 17, 2017. He was born at home in Salt Lake City, Utah on August 19, 1925. He attended Edison Elementary, Jordan Junior High, and West High School; graduating class of 1943. In WWII, he served in the US Navy in the Pacific theater as a gunner's mate on the USS Clarendon. Upon his discharge, he enrolled at the University of Utah, graduating with a BS degree in Sociology and Geology in 1951. During this time, he met the love of his life, Ida Alethea Whittaker, on a blind date and they were married in 1949. They shared a wonderful 56 years together until her passing in 2005.



Upon graduation, he accepted a position with the USGS as a cartographer and relocated to Sacramento, CA where their two children were born. In 1959, they relocated again to Menlo Park USGS and bought a house in Santa Clara where he lived the rest of his life. He retired from the USGS in 1984. He was a supervisor in the Branch of Photogrammetry.

Kindon was the type of person who was more than a joiner – he was a "belonger". He became what he was doing. His long list of volunteer public service started in 1960 when his son joined the Boy Scouts and he volunteered as Cub Master. There started a 20 year commitment to the Boy Scouts of America, serving in a variety of positions, whereby he received the most prestigious award a civilian can receive from the Boy Scouts, the Silver Beaver Award in 1979. This award was one of the highlights of his life.

He also was an assistant Little League coach, ushered at his church, active in his son's sports "Booster" club, and board member at the MSFCU. He didn't stop there. Upon his retirement from the USGS, he became a member of the Free Masons and joined the SV Shrine Club Comics and served as "The Road Runner" for over 30+ years. He again excelled in his volunteer work as treasurer, Director, and received "Comic of the Year" three times. In his Masonic Blue Lodge his dedication and service to that body was such that he had bestowed upon him the "Hiram Award", which is the highest honor that can be granted to a Free Mason. Being a Mason was his life. Most recently he was honored as Alumni of the Year at West High School, in Utah. Kindon was an avid sports fan as well. Although he relocated to California he was still a faithful Utes and Jazz supporter to the end. His SF Giants ran second and he was thrilled to witness three World Series wins.

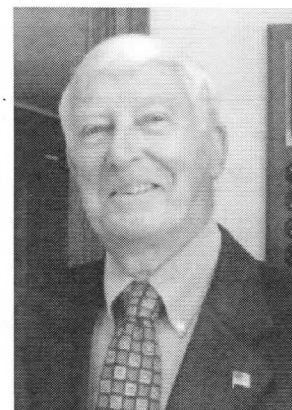
He also loved to travel and did so extensively for the last 10 years of his life. From Alaska to Hawaii, the Caribbean, the Mediterranean, the Baltic, Europe, South America, Australia and China. Cruising was his favorite way to travel, not to say his most memorable trip was ½ way around the world on the Queen Mary 2's maiden voyage. What a ride!

Throughout his life, he touched everyone he met in so many ways. From business to volunteering to traveling, to family and friends, his presence was always a welcome addition, and he was always thrilled to be included. He is survived by his son, daughter and their spouses; three grandchildren; and four great-grandchildren

**Harry "Lindy" Mann 91PD** (Ronceverte, WV) 86, passed away Wednesday, April 5, 2017 at Peyton Hospice House in Fairlea. Lindy was born September 16, 1930 in Ronceverte, WV. Lindy attended Greenbrier High School, Ronceverte, WV and graduated from West Virginia



University with a BS in Forestry Management. His first job after college in 1952 was with the USGS in the Eastern Mapping Center in Arlington, VA. There he learned to compile topographic maps and after only a few months he was drafted and served two years with a combat Construction Engineering Battalion during the Korean War. He resumed his employment with the USGS. His entire career was that of a cartographer. His employment spanned some 33 plus years, with USGS, also a private mapping company in York, PA plus the Aeronautical Chart and Information Center (a mapping arm of the Air Force).



He served as a liaison for USGS to the Military Mapping Agencies and the civilian Mapping Agencies. At USGS he was Chief of the Antarctica Mapping Programs, Chief of Programs and Production for all four USGS Mapping Centers; Eastern in VA, Mid-Continent in MO, Rocky Mountain in CO and Western in CA. He also served as the Acting Chief of the Mapping Division at times. He was married to Shirley Lee Clarke and two daughters were born of that union, Cynthia Lee and Sharon Lynn. The children were born in York, PA, but later the family lived in McLean, VA. Shirley died of Alzheimer's disease in 2007.

Lindy was an Elder in the Little Falls Presbyterian Church, Arlington, VA, delivered Meals-on-Wheels and enjoyed gardening and shared his berries and vegetables with neighbors and friends. He enjoyed playing most sports. He served as president and in other positions for the McLean Swimming and Tennis Club.

He married Betty Ozmina (Masters) in 2009. Their residence was Horseshoe Bend Road, Ronceverte, WV. They enjoyed travel in Germany, Austria, many states in the US and to lots of VA and WV Parks, cities and historic places. Lindy was a member and Elder of the McLean Presbyterian Church, Ronceverte, WV.

He owned property and a house along the Greenbrier River in Fort Springs, WV for several years. There he loved having breakfast, lunch and dinner overlooking the river. He enjoyed the required upkeep of the grounds as well as the house. Chainsaw work was a favorite pastime along with hosting cookouts for family and friends.

Other than his parents, he was preceded in death by two brothers and two sisters. Survivors include his wife, Betty Ozmina (Masters) Mann of Ronceverte; his two daughters and their husbands; three grandchildren; Betty's children and her seven grandchildren.

**Schmutzler, Savolia** (Westcliffe, CO) passed away November 27, 2016. She was the wife of Robin Schmutzler 94RMMC.

**Directory Changes & Additions**New Addresses

Virginia Steele  
19766 Mella Drive  
Volcano, CA 95689-9784

New/Reinstated Members

John A. Hutchinson  
48453 265<sup>th</sup> Street  
Valley Springs, SD 57068

New E-Mails

Douglas S. Aitken	doug1a@yahoo.com
John A. Hutchinson	jahutchinsonsd@gmail.com

**Personal Safety Advice**

From Tony Novotny 89RMMC:

I asked this real estate and land surveying client of mine to share her real-life story in writing herewith. The take-away is: Be vigilantly self-protective because 14 hours is way too long to wait for the authorities to show up to accomplish nothing. The other take-away is to lock your doors; never naively assume: "It can't happen to me."

I camped alongside a river with a forest service road close by. At 5am, a pickup with a trailer of some sort stopped about 30 feet from my camper and honked the horn constantly. This was the end of September and it was still dark. I immediately thought it was a ranger alerting me to some danger like a bear or forest fire. I turned on the light inside so he would know someone was home. I thought he would yell out his window with information.

Before I got out of bed, I reached for my pistol that most always sleeps right beside me. I was standing in my nightie with my pistol down by my side when a man suddenly opened my trailer door. (Shame on me for not locking it, but I'm not normally a door-locker). He immediately saw my gun and said sorry and hurriedly went back to his truck and left. Thinking that he was intending to rob me, I quickly got dressed and drove several miles until I got cell service. I called the sheriff and he took down the details, but in all fairness I couldn't describe the man very well or his truck. Of course I was terrified and remember shaking so hard! I waited until daylight and went back to camp. About 7pm that night, I was cooking dinner with friends at camp and a deputy stopped by to do nothing.



I don't know what the man would have done if I hadn't been so obviously armed, but I was thankful that I was. I used to carry a GLock 40 cal, but it was too heavy to keep with me comfortably. Now I carry a Ruger LCP .380. It is small and fits my ankle holster. Two of my friends have one also and one of them carries it in a small holster in her bra, the other in a shoulder holster. I usually wear boots so the ankle one is good for me. It is good to shoot it frequently just to stay comfortable. The LCP has a long pull range for a pistol I think, but I'm going for convenience and comfort.

My boyfriend thinks I need a bigger gun with more punch. I'm ok with mine but I do practice shooting multiple shots. I have a nice S & W 622 that I love to shoot but not carry. I wouldn't recommend girls to get a pink gun. Pink or purple doesn't spell danger to me and I want my "victim" to know I mean business as my life may well depend on it.

I've been a volunteer for the Women in the Outdoors program of the National Wild Turkey Federation for more than 20 years and I would recommend every girl get some personal defense lessons (most police departments offer this), keep your keys handy in parking lots, and don't be afraid to ask a security officer to walk you to your car. A flashlight on your keychain is a must and keep a can of pepper spray very handy. Be alert, always aware of your surroundings and follow your gut instinct on danger.

Get those young ladies to the gun range and tell them to keep their phones in their pockets when out in public!

### Retirees Luncheon Reports & Picnic Announcements

**NMD Retirees Luncheon #253** was held on February 28, 2017, at the Amphora Restaurant in Vienna, Va., with 9 attendees, a small group but better by one than the previous month's attendance. Tony Meunier mentioned that he will be going to the Explorers' Club meeting in New York City next month, a prestigious gathering. Roy Mullen reported seeing the Virginia license plate "MAPGIRL", wondering if it belongs to someone we know?

On March 28, **Luncheon #254** took place at the Amphora, and 11 folks attended, including Bob Kelley, who came in just in time for dessert. Larry Amos reported having just returned from nine weeks in Florida, and when he left, "they shut down two bars and a liquor store." He went to the SIR picnic, and said everyone had a good time – some perhaps too good a time, displaying a photo of someone who shall remain nameless appearing to drain a booze bottle! Paula and Butch Bowman also recently came back from Florida, so we celebrated the return of the snowbirds.

**Luncheon #255** was on April 25 at the Amphora, with 18 in attendance, a welcome increase in numbers from the dead of winter blues. It was mentioned that Doyle Frederick is in the hospital, and is very ill. Roy Mullen spoke with Bob McEwan, who has two homes in Vermont, both on Lake Champlain; he spends summers at the north end of the lake, and winters at the south end. Clif Fry told the story of Bob once borrowing his cement mixer. When Clif needed it back, he tried to contact Bob, but he had moved. Clif proceeded to call everyone by that name in the local phone book, asking if they were the Bob McEwan that had his mixer! Jack Wittmann mentioned talking to Charlie Klotz on the phone, reconnecting with him after more

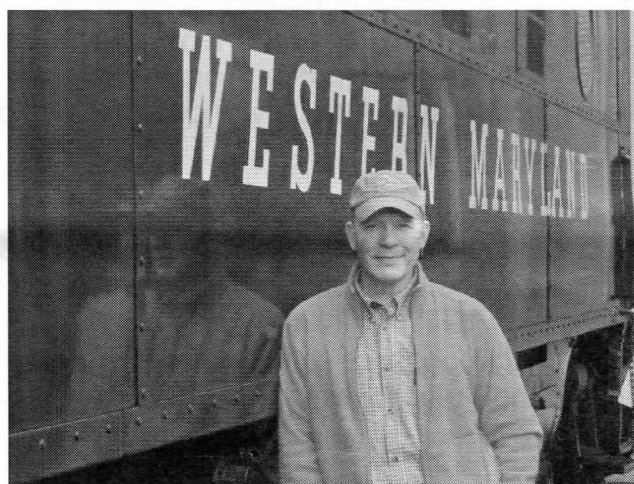
than twenty years, thanks to Bob Kelly giving Charlie's phone number to Jack at the March luncheon.

May 23 was the date of **Luncheon #256** at the Amphora, with 11 folks at the table. Jack reported on meeting Charlie Klotz for lunch, and having a pleasant afternoon's chat; he lives about 20 minutes from Jack. We sang the "Happy Birthday" song for two members in attendance celebrating May birthdays (Roy Mullen and Larry Amos), and to a third person in absentia: Dave Ackerman's mother, for her 103<sup>rd</sup> birthday. Dave was in South Dakota for the occasion, which we all agreed was an excellent excuse for him not being with us at the Amphora today. Jim Stapleton wore a t-shirt proclaiming "I Am a Grumpy Old Man: My Level of Sarcasm Depends on Your Level of Stupidity", which we concluded was quite appropriate for Jim!

**Western Region's 2017 retiree luncheon** will be on Wednesday July 19, 11:00 am - 2:30 pm at Harry's Hofbrau, 390 Saratoga Avenue, San Jose, CA.

### Antique Train

Mike Stinebaugh writes "This is my favorite Western Maryland locomotive. The B&O RR Museum doesn't plan to use 236 for any special excursions in the near future. Maybe in 2028 when they are celebrating the 175<sup>th</sup> anniversary of Western Maryland RR.



## Ed Wenzel's Civil War Activities

### For 40 years, these guys have been pondering the Civil War at a Fairfax City McDonald's

The following paragraphs are excerpts from the May 30 Washington Post, author is John Kelly, Columnist.

"He's the patriarch" Jim Lewis said, nodding toward Tom Evans, as the two sat amid a group of seven Civil War history buffs at the McDonald's on Old Lee Highway in Fairfax City, VA. "He knew Mosby's grandson" said William Connery, an author of books about the Civil War who lives in Alexandria. (True) "He probably knew Mosby," Jim said. (Not true.) Tom is 87. He didn't know Mosby, but 40 years ago he did help create this informal sounding board. Ever since then Civil War historians have met every Friday morning to hash out their theories and egg each other on over Egg McMuffins and hash browns....."We tried to compile a big list of everything that happened in the county during the Civil War," said **Ed Wenzel**, 77, of Vienna, VA, a retiree from the U.S. Geological Survey (**96MAC**). We hoped to have the book done in time for the Civil War's sesquicentennial—if not the 150<sup>th</sup> anniversary of the beginning of the war, then at least the anniversary of the end. It took nearly seven years to write the book, and when it came out in 2015 the 618 page chronology covered only up until 1862. "We were snowed under by material," Ed said. "It was too much." Part 2 is in the works.

### Memorial Day ceremony honors site of Fairfax County Civil War battle.

The following paragraphs are excerpts from the June 1, 2017 Fairfax County Times by Angela Woolsey.

At the time of the only major Civil War skirmish in Fairfax County, Ox Hill and the surrounding area consisted of open fields, the natural landscape blemished only by a farmhouse, according to **Edward Wenzel**, a Civil War buff who serves as one of the current trustees of Ox Hill Battlefield Park's monuments to two Union Army generals killed in the battle....."Memorial Day is to honor servicemen and women who've been killed in combat or paid the ultimate sacrifice," said Wenzel, who helped create Ox Hill Battlefield Park as a founder of the Chantilly Battlefield Association. "We had two Union generals who were killed here, and there were 1,500 casualties...It's just an appropriate site on Memorial Day to lay a wreath of flowers."



Veteran and Civil War aficionado Edward Wenzel leads a moment of silence for fallen military service members during a memorial day ceremony at Ox Hill Battlefield Park.



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