Hi Everyone,

Think back to the October 2016 e-Nature newsletter article about the Fall Turnover in Dunning Lake and Walton Pond. The process causes the water within both to become a uniform 4°C or 39.2°F from the surface to the bottom of the waterbodies. Because water has one unique property; it is most dense and heavy at 39.2°F rather than at its freezing point of 32°F, the ice forms at the surface instead of forming all the way to the bottom. This property ensures that the water creatures within the waterbody survive.

For the surface water to freeze and change into ice, it must be cooled to its freezing point of 32°F. This occurs because of heat loss due to the temperature of the air being lower than the temperature of the surface water. There are two methods for predicting ice growth. Let’s look at both methods to see which works better.

George Ashton developed a method based on freezing degree days (FDDs). These are determined by the average number of degrees below freezing over a 24-hour period. As an example, a day with an average temperature of 17 degrees will have a measurement of fifteen FDDs calculated by subtracting 17 degrees from 32 degrees. In theory, an ice sheet on the surface will grow at a rate of roughly one inch per fifteen FDDs, starting with ice between ½ to 3 inches thick. As the ice becomes thicker, the growth rate decreases. The chart above shows the potential growth based on temperatures between -20 and 30 degrees Fahrenheit.

Because temperature is the easiest observation to obtain, this method is a quick way to estimate growth yet has some flaws. Even a thin layer of snow can dramatically slow the growth rate. As always, be safe and check the ice itself to see how much it has grown.

The second method developed by Martin Ajne is based on a combination of air temperature, wind speed, and radiational cooling. It is more reliable at predicting the outcome since it considers other important factors. So, let’s look at how the two additional factors affect the outcome. Wind speed, which weather stations talk about as wind chill, pulls additional heat away from the surface ice. In most cases, this is a benefit yet too much wind at the early stages of ice formation will break the surface ice and cause open water. Radiational cooling occurs based on cloud cover overhead. We often hear that thick clouds kept the overnight temperature steady because the clouds act as a blanket keeping the heat at the surface. When the skies are clear overnight, the warmth rises into the sky which allows colder air to take its place.

As coincidence happens, I was writing this portion of the newsletter and heard a WNPR report on ice sounds and how they form. For those interested, check out this link https://www.youtube.com/watch?v=OC7_zpyqCrU. It is amazing!

So, why all this interest in ice? There are many of us that spend the winter out on the ice doing activities such as ice skating, playing ice hockey, fishing through the ice, or sailing ice boats. Check through the Winding Trails Winter Newsletter and this monthly one to learn about upcoming ice related events here at the Trails and at other locations within Connecticut.

For current ice conditions at Walton Pond, check this link: https://www.windingtrails.org/cross-country-ski/957-2/ and scroll to the bottom of the page. Remember Winding Trails is open to the public for ice skating, sledding, and x-country skiing. Use this link to know the current conditions for all of them.

Look forward to seeing you out and about!

Miss Judy
SCROLL DOWN THROUGH THE NEWSLETTER TO FIND THESE SECTIONS:

- WINDING TRAILS NATURE EVENTS
- HIGHLIGHTS THIS MONTH
- COMING NEXT MONTH
- NIGHT SKY WATCHING
- OTHER NATURE EVENTS IN CONNECTICUT

WINDING TRAILS NATURE EVENTS

Registration is required 3 days prior to event. If not enough people signup, the program is cancelled.

<table>
<thead>
<tr>
<th>DATE/TIME</th>
<th>EVENT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Saturday, January 7th</strong></td>
<td>Nature’s Secrets – Just Sleeping Winter Away</td>
</tr>
<tr>
<td>1:30 p.m. to 3:30 p.m.</td>
<td>Fee-based Program</td>
</tr>
<tr>
<td></td>
<td>Open to the public and Winding Trails’ members</td>
</tr>
<tr>
<td></td>
<td>Click on this link to register: <a href="https://www.windingtrails.org/register/?id=650">https://www.windingtrails.org/register/?id=650</a></td>
</tr>
<tr>
<td><strong>Saturday, January 7th</strong></td>
<td>Explore the Night Walks – Winter Explorations I</td>
</tr>
<tr>
<td>6:00 p.m. to 9:00 p.m.</td>
<td>Fee-based Program</td>
</tr>
<tr>
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<td>Open to the public and Winding Trails’ members</td>
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</tr>
<tr>
<td><strong>Saturday, January 8th</strong></td>
<td>Nature’s Secrets – Wood Ducks at Winding Trails</td>
</tr>
<tr>
<td>1:30 p.m. to 3:30 p.m.</td>
<td>Fee-based Program</td>
</tr>
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<td></td>
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<tr>
<td><strong>Saturday, January 21st</strong></td>
<td>C.A.R.E. Ice Fishing Class &amp; Practice</td>
</tr>
<tr>
<td>9:30 a.m. to 3:00 p.m.</td>
<td>FREE Program</td>
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<td></td>
<td>Open to the public and Winding Trails’ members</td>
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</tbody>
</table>

HIGHLIGHTS THIS MONTH

**ENTIRE MONTH OF JANUARY**  **BIG JANUARY COMPETITION**

The Connecticut Ornithological Association (COA) is pleased to announce the return of the Big January Competition! One of the most exciting beginnings of a birder’s New Year is starting a new list of the bird species seen during the upcoming 12 months. Some people step this up a level by participating in the BIG JANUARY competition, a friendly and fun game to see who can spot the most Connecticut species during the month. Instead of partying New Year’s Eve till the ball drops, some anxious birders will head out pre-dawn on Jan 1st searching for owls to start their new year list. This friendly competition aims to see who can get the most species in CT for the month of January. For more information on what to do and where to submit your results, please follow this link http://www.ctbirding.org/bigjan.htm to the COA website. Have a fun time with this!

**SATURDAY, JANUARY 7th**  **NATURE’S SECRETS – JUST SLEEPING WINTER AWAY**

At Winding Trails, 50 Winding Trails Drive, Farmington

Join Miss Judy on this Saturday afternoon to learn about how some animals use hibernation to survive the cold weather of winter. The program starts with an indoor introduction to learn about the different styles of hibernation that are used in our environments. We’ll continue the program outside for a walk to explore the area and see some the possible hibernation sites. Dress in layers so you are comfortable inside for the introduction and be warm enough for the outdoor activity. Remember your hat, gloves/mittens, and boots for the outside hike. Open to the public and Winding Trails members.

Click on this link to register: https://www.windingtrails.org/register/?id=650
• SATURDAY, JANUARY 7th  Explore the Night Walk – Winter Explorations I
  At Winding Trails, 50 Winding Trails Drive, Farmington
Join Miss Judy on this Saturday evening to explore a January winter night. Not knowing what weather will bring us, we’ll be exploring based on the winter conditions. If enough snow and/or ice, we’ll explore with snowshoes and/or ice skates. If not, we’ll do a hike around the property. If the sky conditions are clear, we will look for the star Aldebaran, which is called “the eye of Taurus”, to the left of the waxing gibbous moon as well as other winter constellations and some evening planets. Time inside will be spent cooking a dessert in the fireplace and telling winter stories. Dress in layers so you are comfortable inside for the introduction and will be warm enough for the outdoor activity. Remember your hat, gloves/mittens, and boots for the outside hike. Open to the public and Winding Trails members.
Click on this link to register:  https://www.windingtrails.org/register/?id=649

• SUNDAY, JANUARY 8th  NATURE’S SECRETS – WOOD DUCKS AT WINDING TRAILS
  At Winding Trails, 50 Winding Trails Drive, Farmington
Join Miss Judy on this Sunday afternoon to learn about the life cycle and natural history of wood ducks. The program begins with an indoor introduction by Carol Lowbeer, our guest speaker and photographer, as she explains where wood ducks fit within the waterfowl family and the courtship rituals and displays for these birds. Before the start of the walk portion, Miss Judy will explain the relationship we’ve had with wood ducks in the past and the present. During our walk outside, we will learn more about the wood ducks of Winding Trails and do a hands-on try at monitoring a wood duck nest box. Dress in layers so you are comfortable inside for the introduction and be warm enough for the outdoor activity. Remember your hat, gloves/mittens, and boots for the outside hike. Open to the public and Winding Trails members.
Click on this link to register:  https://www.windingtrails.org/register/?id=650

• SATURDAY, JANUARY 21st  C.A.R.E. ICE FISHING CLASS & PRACTICE
  At Winding Trails, 50 Winding Trails Drive, Farmington
The Connecticut Aquatic Resources Education (CARE) Program offers a free in-depth ice fishing class that introduces you to the wonders of water, fish and fishing during the winter. Miss Judy and other state certified volunteer instructors will pass along the knowledge they have learned through years of angling. The morning class includes a video, hands-on demonstrations, and activities that will teach and entertain youths and adults alike. If ice conditions are safe, outside ice fishing practice will be offered and all equipment is provided for your use. It is very important to dress in layers for the weather conditions and to wear boots for the afternoon practice – no sneakers are allowed. FREE PROGRAM that is open to the public and Winding Trails members.
  9:30 a.m. – 11:30 a.m.  Indoor class – attendance is required
  11:30 a.m. – 12:00 p.m.  Bring your own lunch
  12:00 p.m. – 3:00 p.m.  Outdoor practice – runs only if the ice is safe
Please register by Monday, January 16th.  Click on this link to register:  https://www.windingtrails.org/register/?id=651

• SATURDAY, JANUARY 28th  C.A.R.E. FAMILY ICE FISHING DERBY

  — FREE hands-on introduction to ice fishing!
  — Coventry Parks and Recreation will provide refreshments!
  — Bait, tackle, and expert Instruction available.
  — Dress for COLD! Coat, gloves, warm socks, boots...
  — Dependent on SAFE ICE CONDITIONS!
  — Check for cancellations at:  www.facebook.com/CTFishAndWildlife
  or call the CARE Center (860) 663-1656
COMING NEXT MONTH

- **SATURDAY, FEBRUARY 4**
  **WINTER FESTIVAL – THE GREAT PARK PURSUIT**
  
  Winter Festival
  Saturday, February 4, 2017
  10 AM – 3 PM
  Burr Pond State Park
  384 Burr Mountain Rd, Torrington, CT
  FREE!!
  No registration required.
  Food will be available for sale
  Ice-fishing, fish fry, ice safety, search & rescue
  dogs, bonfire, snowshoeing, winter games,
  hikes and more!!
  For more information:
  CT Department of Energy and Environmental
  Protection (860) 424-5200
  Kristen.Bellantuono@ct.gov
  or visit
  www.NoChildLeftInside.org

- **SATURDAY, FEBRUARY 11**
  **NATURE’S SECRETS – WINTER TWIGS & BARK**
  At Winding Trails, 50 Winding Trails Drive, Farmington
  Join Miss Judy on this Saturday afternoon to learn how to identify some common trees by the twigs on their bare branches and the appearance of their bark. The indoor introduction will include some hands-on observation of actual branches as we learn what to look for. The outside walk will take us to trees around the property to id the trees based on our inside observation and explore their bark looking for additional clues. Dress in layers so you are comfortable inside for the introduction and be warm enough for the outdoor activity. Remember your hat, gloves/mittens, and boots for the outside hike. Open to the public and Winding Trails members.
  Click on this link to register:  [https://www.windingtrails.org/register/?id=650](https://www.windingtrails.org/register/?id=650)

- **SATURDAY, FEBRUARY 11**
  **Explore the Night Walk – Winter Explorations II**
  At Winding Trails, 50 Winding Trails Drive, Farmington
  Join Miss Judy on this Saturday evening to explore a February winter night. Not knowing what weather will bring us, we’ll be exploring based on the winter conditions. If enough snow and/or ice, we’ll explore with snowshoes and/or ice skates. If not, we’ll do a hike around the property spending some time observing the full moon. A dessert will be baked in the fireplace as we tell stories about the moon. Dress in layers so you are comfortable inside for the introduction and be warm enough for the outdoor activity. Remember your hat, gloves/mittens, and boots for the outside hike. Open to the public and Winding Trails members.
  Click on this link to register:  [https://www.windingtrails.org/register/?id=649](https://www.windingtrails.org/register/?id=649)

- **SUNDAY, FEBRUARY 12**
  **NATURE’S SECRETS – WHO’S OUT AND ABOUT DURING WINTER**
  At Winding Trails, 50 Winding Trails Drive, Farmington
  Join Miss Judy on this Sunday afternoon to learn about the animals that are active in winter both above and below the snow. The program starts with an indoor introduction to learn where they are found, how they locate food, where they seek shelter, what they leave behind, and how they interact with other animals. We’ll continue the program outside for a walk to explore the area, follow some tracks, and hopefully get to see a few of these creatures. Dress in layers so you are comfortable inside for the introduction and be warm enough for the outdoor activity. Remember your hat, gloves/mittens, and boots for the outside hike. Open to the public and Winding Trails members.
  Click on this link to register:  [https://www.windingtrails.org/register/?id=650](https://www.windingtrails.org/register/?id=650)
NIGHT SKY WATCHING

FULL MOON INFORMATION

WHY NATIVE AMERICANS NAMED THE MOONS
The early Native Americans did not record time by using the months of the Julian or Gregorian calendar. Many tribes kept track of time by observing the seasons and lunar months, although there was much variability. For some tribes, the year contained 4 seasons and started at a certain season, such as spring or fall. Others counted 5 seasons to a year. Some tribes defined a year as 12 Moons, while others assigned it 13. Certain tribes that used the lunar calendar added an extra Moon every few years, to keep it in sync with the seasons.

Each tribe that did name the full Moons (and/or lunar months) had its own naming preferences. Some would use 12 names for the year while others might use 5, 6, or 7; also, certain names might change the next year. A full Moon name used by one tribe might differ from one used by another tribe for the same time period, or be the same name but represent a different time period. The name itself was often a description relating to a particular activity/event that usually occurred during that time in their location.

Source: Old Farmer’s Almanac – Astronomy  http://www.almanac.com/astronomy

JANUARY FULL MOON
The full moon for January is known as the Full Wolf Moon because Native Americans would hear wolves howling outside their villages. Following the naming information in the prior article, this name was picked based on a particular activity/event.

This month’s full moon will occur on Thursday, January 12th at 6:34 a.m. EST in the Hartford area.

OTHER OBSERVATIONS THIS MONTH INCLUDES:

- **Mercury**  It will be very low in the southeast about 40 minutes before sunrise. During the middle two weeks of January, it will be the best dawn viewing of 2017.
- **Venus**  Found high in the western sky as a brilliant “Evening Star” during twilight.
- **Mars**  Much fainter this month; seen as an orange glow to Venus’s upper left in the western sky.
- **Jupiter**  Found in the constellation Virgo, as it rises in the middle of the night. Shines high in the southern sky before dawn.
- **Saturn**  Seen to the upper right of Mercury in the southeast about 40 minutes prior to sunrise.

**Quadrantid Meteor Shower**
The Quadrantid shower is named after the defunct 19th century constellation Quadrans Muralis that is seen to the right. It was created by the French astronomer, Joseph Jerome de Lalande, who was the director of the l’Ecole Militaire observatory of Paris. It is formed from a sprinkling of faint stars in the otherwise unoccupied region in the northern sky between the kneeling leg of Hercules, the head and arm of Booties, and the body of Draco. It commemorated the Paris observatory’s wall-mounted quadrant which was used to measure the altitude of stars as they passed the meridian.

If you trace the paths of the Quadrantids meteors backward, they appear to radiate from a point where this constellation once reigned in the sky. If you wish, you can locate the Quadrantid radiant in reference to the Big Dipper and the bright star Arcturus. Look north and use the visual to the left to find the location.
CELESTIAL EVENTS

- January 1st: Moon phase – waxing crescent
- January 2nd: Find Venus and Mars close to the moon in the western evening sky
- January 3rd or 4th: Quadrantid Meteor Shower radiating from Boötes constellation with an hourly rate of 120 meteors. The shower can peak either morning before dawn.
- January 5th: Moon phase – first quarter
- January 8th: Moon phase – waxing gibbous
- January 12th: Moon phase – full moon at 6:34 a.m. EST
- January 16th: Moon phase – waning gibbous
- January 19th: Moon phase – last quarter
- January 19th: Mercury viewed at its highest point above the southeastern horizon about 40 minutes before sunrise
- January 24th: Moon phase – waning crescent
- January 27th: Moon phase – new moon
- January 28th: Lunar New Year
- January 31st: Moon phase – waxing crescent

Sources:
- Old Farmer’s Almanac – Astronomy [http://www.almanac.com/astronomy]
- Sky Watch 2017
- Lunar Calendar 2017
- A Year of the Night Sky Calendar 2017
- Sky & Telescope Publishing
- Universe Publishing
- Ziga Media

Visit this website to obtain The Evening Sky Map (PDF); a 2-page monthly guide to the current month’s night sky. [http://skymaps.com/downloads.html]

AT WINDING TRAILS

Join Miss Judy on the evening of Saturday, January 7th at Winding Trails for the Explore the Night Walk. The sun will be setting at 4:37 p.m. EST and the twilight will last till 5:08 p.m. EST. The waxing gibbous moon will rise at 12:39 p.m. EST with an illumination of 69%. If the sky conditions are clear, we will look for the star Aldebaran, which is called “the eye of Taurus”, to the left of the waxing gibbous moon as well as other winter constellations and some evening planets.

AT WHITE MEMORIAL IN LITCHFIELD

There is no program listed for January. Join the members of the Litchfield Hills Amateur Astronomy Club and the Mattatuck Astronomical Society on Friday, February 24th at 8:00 p.m. in the A.B. Ceder Room for their indoor program. Weather permitting that night, there will be star gazing at the Observatory in Sawmill Field. Children under 16 must be accompanied by an adult. You are invited to bring your own telescope or binoculars.

Full details can be found on their website at [http://www.whitememorialcc.org/whats-happening/calendar/] to check out their calendar for more information or call The Conservation Center for more details at 860-567-0857.

AT THE COPERNICAN OBSERVATORY AND PLANETARIUM IN NEW BRITAIN

The Copernican Observatory and Planetarium at the Central CT State University in New Britain has regularly scheduled programs listed in their calendar that is posted on their website. The planetarium and observatory offers free monthly programs that are open to the public.

Planetarium Shows and Events:
On Saturdays, January 7th and 21st at 8 p.m., they will have their regularly scheduled free show in their planetarium.

For planetarium shows, seating is first come, first served. The planetarium is located in Copernicus Hall (Building 23 on the [http://www.ccsu.edu/page.cfm?p=4191] map). Convenient parking is in the Copernicus (South) garage (building 17).

Observatory Events:
On Saturdays, January 7th and 21st, join them for a free observing session directly after the planetarium show (observing is weather permitting: they need a clear sky).

The observatory is located on the roof of Copernicus Hall. Take the elevators to the 5th or 6th floor and follow the signs.
AT THE WESLEYAN VAN VLECK OBSERVATORY IN MIDDLETOWN
The Wesleyan Van Vleck Observatory in Middletown offers Saturday night public observations and family programming.

Monthly Saturday night observing (runs all year long)
January 7th 8:00 to 10:00 p.m.  NOTE TIME CHANGE

Organized and hosted by the Astronomical Society of Greater Hartford (ASGH), this is a great opportunity to view the sky through our beautiful 20" refractor. Refurbished in recent years in honor of Walter Scott "Scotty" Houston who used this instrument many nights, we can now share this telescope with the public on regular occasions. For parking, please note that we are NOT permitted to park at the observatory building on observatory hill. Please use Lot V on Vine Street and walk up the hill to the observatory.

The session will be cancelled should the weather not permit observing, such as cloud cover, high wind, or threat of precipitation. Cancellation notices will be posted on their website by 6:00 p.m. the day of the observing event. For up-to-date details, please visit http://www.asgh.org/observe.htm.

For parking, use Lot V on Vine Street and walk up the hill to the observatory. The campus map is available at this link: http://www.wesleyan.edu/about/images/CamMap_0824_WEB.pdf.

Kids’ Nights for Observing
1st & 3rd Friday of the Month at 8:00 p.m.
Aimed at Elementary School Ages, Yet Open to Anyone
No Dates Posted as of Publication – Check Their Website Calendar

Kid-friendly space-related activities, led by our graduate and undergraduate students, which include observing with our telescopes when it’s clear.

For parking, use Lot V on Vine Street and walk up the hill to the observatory. The campus map is available at this link: http://www.wesleyan.edu/about/images/CamMap_0824_WEB.pdf.

Space Night
Every Wednesday of the Month at 8:00 p.m.
Aimed at Adults & High School Students, Yet Open to Anyone
No Dates Posted as of Publication – Check Their Website Calendar

Each program begins with a half-hour interactive presentation by one of our astronomy majors or masters’ students, on some topic of space news or recent discoveries in astronomy, followed by observing through the telescopes if the sky is clear. The program occurs at the Van Vleck Observatory at 96 Foss Hill in Middletown, CT.

For parking, use Lot V on Vine Street and walk up the hill to the observatory. The campus map is available at this link: http://www.wesleyan.edu/about/images/CamMap_0824_WEB.pdf.

Wesleyan Astronomy Night Mailing List
To get on their mailing list for a once a week email to find out what events are happening, scroll to the bottom of the page at this link, http://www.wesleyan.edu/astro/events/index.html, and enter your email address.

SPACE STATION OBSERVING
NASA’s Spot the Station service gives you a list of upcoming sighting opportunities for thousands of locations worldwide, and will let you sign up to receive notices of opportunities in your email inbox or on your cell phone. The space station looks like a fast-moving plane in the sky and is bright enough that it can even be seen from the middle of a city! It can traverse the entire sky in 3 to 7 minutes. The notice gives the date, time, duration of visibility, and direction of travel. Enter in the town closest to your viewing location. Do note that there can be a series of dates during the year that it is not visible over Connecticut. The link for further information is http://spotthestation.nasa.gov.

To learn more about the space station, its international crew, how they live and work in space, and some great views of Earth, please visit http://www.nasa.gov/mission_pages/station/main/index.html.
OTHER NATURE EVENTS IN CONNECTICUT

ANSONIA NATURE & RECREATION CENTER – Upcoming Events – Preregistration is Required!

- January 1st  New Year’s Day Hike
- January 10th Pet Loss Grief Support Group
- January 10th to February 7th  Tuesdays – Karate Club
- January 12th to 26th  Thursdays – Yoga for a Healthy Mind and Body
- January 15th & 16th  21st Annual Dr. Martin Luther King, Jr. Legacy of Environmental and Social Justice
- January 21st Back to Basics: Natural Lip Balms
- January 22nd Grandmother Turtle: An Iroquois Tale
- January 24th Field Trip: Behind the Scenes at the Peabody Museum
- January 28th Special Edition of Playground Mouse

Visit their website for more details and additional events at this link during the month of January!
http://ansonianaturecenter.org/programs-events/calendar-of-events/

CT DEEP Events in CT – Upcoming Events – Preregistration is Required!

TO LEARN MORE INFORMATION, HOVER OVER PROGRAM TITLE AND FOLLOW THE INSTRUCTIONS:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>New Year’s Day Long Distance Guided Hike</td>
<td>1/1/2017</td>
<td>12:00 noon to 3:00 p.m.</td>
<td>James L. Goodwin Conservation Center Hampton</td>
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<tr>
<td>First Day Hike</td>
<td>1/1/2017</td>
<td>1 PM</td>
<td>Scantic River State Park East Windsor</td>
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<tr>
<td>First Day Hike</td>
<td>1/1/2017</td>
<td>11 AM</td>
<td>Mansfield Hollow State Park Mansfield</td>
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<tr>
<td>First Day Hike</td>
<td>1/1/2017</td>
<td>1 PM</td>
<td>Hammonasset Beach State Park Madison</td>
</tr>
<tr>
<td>First Day Hike</td>
<td>1/1/2017</td>
<td>1 PM</td>
<td>Osbornedale State Park Derby</td>
</tr>
<tr>
<td>The Sky’s the Limit First Day Hike</td>
<td>1/1/2017</td>
<td>1:00 p.m.</td>
<td>Kellogg Environmental Center Derby</td>
</tr>
<tr>
<td>First Day Hike</td>
<td>1/1/2017</td>
<td>1:00 PM - 3:00 PM</td>
<td>Scantic River State Park Broad Brook</td>
</tr>
<tr>
<td>First Day Hike</td>
<td>1/1/2017</td>
<td>1:30 PM</td>
<td>Sleeping Giant State Park Hamden</td>
</tr>
<tr>
<td>TIME CHANGE Friends of American Legion and Peoples State Forests (FALPS) 1st annual New Years Day Hike</td>
<td>1/1/2017</td>
<td>10:00 AM - Noon</td>
<td>Peoples State Forest (Greenwoods Road) Pleasant Valley</td>
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CT Forest & Park Association — Upcoming Events

- **January 5th**  Black Bears in Connecticut  
  At CFPA Headquarters, 16 Meriden Road, Middlefield  
  Link: [http://www.ctwoodlands.org/CFPA-events/black-bears-connecticut](http://www.ctwoodlands.org/CFPA-events/black-bears-connecticut)

- **January 11th**  Legislative Preview Night  
  At CFPA Headquarters, 16 Meriden Road, Middlefield  
  Link: [http://www.ctwoodlands.org/CFPA-events/legislative-preview-night-0](http://www.ctwoodlands.org/CFPA-events/legislative-preview-night-0)

- **January 19th**  Project Learning Tree Workshop: PreK to 8th grade  
  At CFPA Headquarters, 16 Meriden Road, Middlefield  
  Link: [http://www.ctwoodlands.org/CFPA-events/project-learning-tree-workshop-prek-8](http://www.ctwoodlands.org/CFPA-events/project-learning-tree-workshop-prek-8)

- **January 26th**  Nature Immersion: The Art of Sit Spot at Highlawn Forest  
  At CFPA Headquarters, 16 Meriden Road, Middlefield  
  Link: [http://www.ctwoodlands.org/CFPA-events/nature-immersion-the-art-the-sit-spot-highlawn-forest-0](http://www.ctwoodlands.org/CFPA-events/nature-immersion-the-art-the-sit-spot-highlawn-forest-0)

Visit their website for more details and additional events at this link!  
[http://www.ctwoodlands.org/CFPA-events](http://www.ctwoodlands.org/CFPA-events)

CT River Watershed Council — Upcoming Events

- **No CT Events Posted at Time of Publication**

Visit their website to check out their calendar at this link  
CT State Museum of Natural History & Archaeology Center at UConn – Upcoming Events

- No Events Posted at Time of Publication

Visit their website to check out for calendar updates at this link: http://www.cac.uconn.edu/mnhcurrentcalendar.html

If you would like to be added to their mailing list to receive a printed copy of their programs, please email david.colberg@uconn.edu or call 860-486-4460.

Environmental Learning Centers of Connecticut – Upcoming Events

- No Events Posted at Time of Publication

Visit their website to check out their calendar at this link http://elcct.org/.

Farmington River Watershed Association – Upcoming Events

- No Events Listed at Time of Publication

Visit their website to check out their calendar at this link http://frwa.org/programs-and-events/.

Friends of American Legion & Peoples State Forests (FALPS) – Upcoming Events

Use this link for a map of the Forest Trails - http://www.ct.gov/deep/lib/deep/stateparks/maps/peoples.pdf

Visit their Facebook page to check out their calendar at this link: https://www.facebook.com/ctfalps/events?ref=page_internal

- January 1st: FALPS New Year’s Day Group Hike
  Location: Peoples State Forest, 100 East River Road, Pleasant Valley, CT (Greenwoods Road Gate)
  10:00 a.m. – 12:00 noon... Inclement Weather Cancels
  Link: DEEP PUBLIC CALENDAR LINK

- January 21st: FALPS Owl Prowl with Fran Zygmont
  Location: Squire’s Tavern, 100 East River Road, Pleasant Valley, CT
  4:00 a.m. – 6:00 a.m.... (Rain Date: Saturday, February 18th)
  Link: Check their Facebook page for details closer to the event date

- January 28th: FALPS Wildlife Tracking with Naturalist, Ray Hardy
  Location: Austin Hawes Campground, West River Road, Pleasant Valley, CT
  9:00 a.m. – 11:00 noon... (Rain Date: Saturday, February 11th)
  Link: Check their Facebook page for details closer to the event date

Roaring Brook Nature Center – Upcoming Events

- January 12th: Under the Full Wolf Moon Family Night Hike
- January 16th: Snow Much Fun!
- January 18th: Maple Sugaring 101
  (snow date: January 19th)
- January 29th: Groundhog Day Hike

Visit their website to check out their calendar at this link for more information! http://www.roaringbrook.org/events/events.html

Sessions Woods Wildlife Management Area in Burlington, CT – Upcoming Events

- No Events Listed at Time of Publication

For additional information about a program, click on the description or call their office at 860-424-3011.

Visit their website to obtain their trail map:
Sharon Audubon Center in Sharon, CT – Upcoming Events

- No Events Listed at Time of Publication

Visit their website for more details at this link: http://sharon.audubon.org/events.
Or call the Audubon Center for information at (860) 364-0520
For a copy of their trail maps, visit: http://sharon.audubon.org/trail-maps

White Memorial Conservation Center – Upcoming Events

- January 1st & 2nd Museum Closed – Happy New Year!
- January 5th Nature’s Nursery Series – Ages 3 to 6 Years
- January 7th Guided Meditation and Woods Walk with Marlow Shami
- January 12th to 18th Museum Children Free Week
- January 14th DEEP C.A.R.E. Family Ice Fishing Workshop
- January 14th The Paintings and Nature Shadow boxes of Mary Hawvermale: Opening and Reception
- January 16th Museum Closed – Reverend Martin Luther King, Jr. Day
- January 21st The World According to Gerri
- January 28th Cut It Out: The Local History and Practice of Ice Harvesting

Visit their website to check out their calendar and register at this link for more information!
http://www.whitememorialcc.org/whats-happening/calendar/
Or call The Conservation Center for more details at 860-567-0857.
For a copy of their trail maps, visit: http://www.whitememorialcc.org/plan-visit/trail-maps-2/

Look forward to seeing you out and about!

Miss Judy

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Fostering a Love for the Outdoors/Creating a Sense of Community/Developing Leadership and Life Skills