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SUMMIT STEWARDS 2018

December 2018



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EXECUTIVE SUMMARY

The 2018 Summit Stewards, operating similarly to the 2017 season, supported the park by enhancing the visitor experience and mitigating visitor impacts. Notable administrative changes were the transition from Resource Management to Interpretation and Education Division, additional cross trainings, and increased staffing—9 Summit Stewards for the summer and 4 in the fall. Summit Stewards expanded their outreach opportunities this season through new Leave No Trace presentations, increased interactions with Junior Rangers, and more responsibility when opening the Beech Mountain Fire Tower.

Highlights:

- **Leave No Trace:** taught 7,241 visitors through informal encounters, teachable moments, trivia on Cadillac Mt, a new Emerald Ash Borer poster, and 333 hours posterizing at trailheads; presented a kids program at the library; educated AYCC on waste disposal
- **Interpretation:** contacted 28,102 visitors throughout the park, informally on the trails and on Cadillac; opened Beech Mt Fire Tower to the public 20 times; swore in 95 new Junior Rangers; informed over 90 dog owners about the new Bark Ranger Program
- **Trail maintenance:** hiked for 778 hours, repaired 840 cairns, destroyed 997 rock stacks, brushed in social trails, trimmed vegetation, and replaced Dorr Summit sign
- **Cadillac Mountain:** spent 820 hours on the summit during the day and through sunset, 11% of that time was monitoring traffic which resulted in Summit Stewards assisting with 50 road closures and 58 BHO closures
- **Search and Rescues:** spent over 38 hours assisting on at least 15 SARs
- **Stewardship Crew:** assisted with the Jordan Pond bogwalk, the Seaside Path work site removal, and other miscellaneous projects
- **Recreation Technician:** distributed Visitor Survey Cards and helped with PPV Study
- **Acadia Youth Tech Team:** collaborated to publish #TrailsTuesday social media posts
- **Isle au Haut:** 2 trips to trim trails, collect trash, and repair bog walk
- **Schoodic:** 2 fall trips to Little Moose Island to trim trails and collect trash

Suggestions:

- **Park:** adding a path between BHO and the Summit lot; increase signage on Cadillac mountain; affixing permanent cairns on the Gorge Path; adding coping stones; adding a trash can at the Precipice Trailhead.
- **Program:** maintain interdisciplinary program through diverse programs, including shifting to more trail related work in the fall, such as replacing the “ghostbuster” signs; continue to expand Leave No Trace opportunities to visitors and staff; refine training schedule to consolidate and disperse resource training sessions and incorporate returning staff as co-trainers.

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The Summit Stewards had plenty of guidance from others in the park and at FOA to make the season a success: Everyone in the Interpretative and Education Division, including the Acadia Youth Tech Team, for shared trainings, social media collaborations, and everything in between; Therese Picard, Stuart West, and the entirety of the Law Enforcement and Dispatch staff for their help, especially in the more challenging situations of traffic congestion on Cadillac and medical emergencies; Dianna McKeage, Dana Petersen, and the rest of the Stewardship Crew for providing rainy day dirty work and camaraderie; Gary Stellpflug and the Trail Crew for sign installing instructions and reading all the trail reports; Becca Flesh and Devon Brock-Montgomery who explained that “babies count” in the PPV studies, among other visitor use statistics; The entire FOA staff for their support with HR topics and entertainment during annual events.

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INTRODUCTION

The 2018 Summit Stewards are funded by Friends of Acadia to work in Acadia National Park under the supervision of Kathy Grant, Lead Interpretive Operations Specialist. At Friends of Acadia (FOA) they are supervised by Paige Steele, Conservation Projects Manager, and by Stephanie Clement, Conservation Director, while Paige was on maternity leave. Field and daily operations are supervised by Stephanie Ley, Summit Steward Coordinator. This year the program transferred from the Resource Management Division to the Interpretation and Education Division within the park. The Summit Stewards remained an interdisciplinary team while garnering support from the Interpretation and Education Division for new ways to reach visitors. Building off the momentum of merging the Cadillac Summit Stewards and Ridge Runners in 2017, the Summit Stewards continued to grow while fulfilling the roles of the former programs.

This report will discuss all the job duties and projects the Summit Stewards worked on through the summer and fall season. The traffic role on Cadillac Mountain is reviewed and suggestions for improving the scene on Cadillac are provided. Aside from park suggestions, program suggestions for future seasons are also included.



Image 1-2018 Summit Stewards on the first day of the season: Walker-Thomas, Julia. June 2018

PROGRAM HISTORY

RIDGERUNNERS 1997-2016

The Ridgerunner program began in 1997 as an effort for Friends of Acadia to have a visible, personal presence on hiking trails in the park, providing general assistance to visitors and helping park staff with variety of projects. They had no direct park supervisor. In 1998, as agreed upon with Friends of Acadia, Visitor Use Specialist Charlie Jacobi took on the program oversight. The Ridgerunner's primary duties became educating visitors (primarily hikers) about Leave No Trace principles, maintaining cairns along park trails, and dismantling visitor-built cairns, and they have not changed. Ridgerunners gently but assertively contacted park visitors at trailheads with posters, along trails, and at summits. They also converted the majority of park trails to the Bates style cairn because of their historic character and the ease of maintenance. This was usually done in larger teams.

Ridgerunners served as an army of visitor use data collectors for a growing park visitor use management program. Over time they began to brush in social trails, assist in search and rescue operations, administer social science visitor surveys, observe and record visitor behaviors, open the Beech Mountain Fire Tower, and help maintain trails on Isle au Haut and Little Moose Island. The position evolved to become interdisciplinary, with some interpretation and education, trail maintenance, resource and visitor protection, resource and visitor management, and monitoring. While there were some scheduled data collection or other activities, Ridgerunners were often free to plan their own work days. Training came to include the two-day Leave No Trace Trainer class, cairn building, and a host of other sessions about the park, its resources, and making visitor contacts.

CADILLAC SUMMIT STEWARDS 2014-2016

Cadillac Summit Stewards (CSS) were created to establish a presence on Cadillac Mountain, which has 750,000 annual visits. They staffed Cadillac Mountain to interact with visitors, assist with traffic monitoring, repair and maintain cairns along the trails, dismantle rock stacks, and help with any incidents or events. Initial trainings were conducted alongside the Ridge Runners, including the Leave No Trace Trainer Class.

Cadillac Summit Stewards were stationed on Cadillac Mountain during sunrise, middle of the day, and sunset. Each CSS had one sunrise and one sunset shift a week. Two days were standard days (middle of the day), and one day was an office day. Office days included inputting data and completing other random tasks before spending the remaining time on Cadillac. Most of

the time spent on the summit was roving; the CSS walked the Summit Loop and staged at popular points to answer visitor questions and educate them on Acadia's resources. At sunrise, the CSS documented traffic congestion and roved the summit. Sunset procedures were similar to sunrise except at Blue Hill Overlook (a popular viewpoint for sunsets). Standard days often meant hiking up Cadillac to stay there during the middle of the day.

With four trails up Cadillac, the CSS hiked them all regularly, reaching the trailheads via personal vehicle or the Island Explorer bus. While hiking, CSS acted like Ridgerunners, talking with visitors about Leave No Trace and fixing cairns along the way.

Cadillac Summit Stewards helped with medical events on the summit and the occasional Search and Rescue when needed. Throughout the past seasons, especially the Centennial year, they assisted with various events for FOA and the park. Some of their other miscellaneous tasks included conducting traffic and bus surveys on the mountain.

SUMMIT STEWARDS 2017

In order to aid in staff transitions and efficient management of the Friends of Acadia programs by the park, the Ridgerunners and Cadillac Summit Stewards merged, combining their already similar responsibilities. The 2017 Summit Stewards were supervised by Charlie Jacobi, Visitor Use Specialist, under the Resource Management Division in the park. The new Summit Stewards blended the duties of the combined program for enhanced productivity and flexibility. Two Summit Stewards would be working on a trail project while one Summit Steward was on Cadillac Mountain and another postering at Beehive. The new range of location and diversity of work projects prevented work related fatigue due to repeating the same activities.

A typical day of a Summit Steward followed the general outline of the former Ridgerunners. The season started with one full Cadillac day and two half Cadillac days, one to cover sunrise and the other sunset. In July, it was decided by the park that Summit Stewards would only do the sunrise shift in cooperation with Law Enforcement during traffic control test periods. Aside from Cadillac shifts, stewards were either given detailed instructions for all or part of the work day or complete autonomy in deciding what work to do and where. Summit Stewards chose which trails or mountains to hike after consulting with the others or the white board, where there was a table of mountains and dates last hiked and when the Beech Mountain Fire Tower was operated by Interpretation staff. Equipped with a plan, necessary supplies, and a radio, Summit Stewards went off into the park. At the end of the day, the Summit Stewards gathered again at headquarters, shared experiences from the day, and completed a daily patrol log.

It was a smooth transition to one program due to the staffing. In 2017 it was team of eight, six of which were returning staff from both programs. They brought their former experience to build the foundation of the new program. The responsibility of the Summit

Steward Coordinator grew to better support the increased staff size and scope of the program by handling daily operations and performance appraisals. In addition, the Coordinator started earlier to help prepare the gear and training schedule.

JOB DESCRIPTION

The 2018 Summit Stewards were a team of nine, up one from the 2017 season of eight. They served Acadia as roving Leave No Trace educators who focus on Cadillac Mountain and the hiking trails of Acadia. Their role as stewards was broader than interpretation; it also encompassed a variety of small trail related projects, such as rebuilding cairns, and participating with visitor use statistics, such as conducting vehicle surveys. In many ways they performed the same duties as the 2017 Summit Stewards, with some refinements. The Summit Steward Coordinator season was extended from the previous year to provide more pre-season prep time and to be active in the hiring process. The job description and duties used for the hiring announcement is in Appendix A. Table 1 shows the staff and their dates of employment.



Image 2-2018 Summit Stewards: Newton, Will. July 2018

Name	Summer	Name	Fall
Alanna McDonough	June 4-August 24	Colleen Laird	June 4-November 3
Bess Fagerstrom	June 4-August 24	Isabella Connelly	June 4-November 3
Chris Spaulding	June 4-September 8	Sean Ducker	June 4-November 3
John Clark	June 4-August 24	Stephanie Ley	March 5- December 15
Zoë Smiarowski	June 4- August 22		

Table 1-Staff and Dates of Employment

To provide daily coverage of Cadillac and elsewhere in the park, the Summit Stewards followed the schedule in Appendix B. Everyone started their week off with a late start by working sunset on Cadillac Mountain. A sunset shift ended around 30 minutes to 1 hour after the sun had set, so this shift start and end time was adjusted as the seasons changed. Days when the forecast was certain for rain during sunset, the Summit Steward would have the option to come in earlier instead of working the later shift. After sunset shift, all other work days were from 8:00am-4:30pm. Summit Stewards had one additional day a week on Cadillac. One day a week was a Park Loop Road (PLR) day and the other two days were Random. The three days a week not on Cadillac Mountain, Summit Stewards had some instructions and some freedoms in their daily whereabouts. Commonly on PLR days they started along Ocean Drive or Jordan Pond to “poster” then rove trails from that location. Random days allow Summit Stewards to get to Beech Mountain, Acadia Mountain, or other West Side locations. Random days also meant a Summit Steward could stay on the East Side, assist another on the Park Loop Road or on Cadillac, or work on a different project like the Junior Ranger Station or a trail project. On days when the weather was rainy or dreary, they worked inside on a project or did light duty trail work. A more in depth review of the duties and projects covered by the 2018 Summit Stewards is covered in the following sections.

In September, the number of Summit Stewards was reduced to four. The adjusted fall schedule, located in Appendix B, had a similar pattern to the summer schedule (Cadillac Sunset, Cadillac Day, PLR, 2 Random). Fewer Summit Stewards meant the Fire Tower was not opened as much as in the summer, since two Summit Stewards are required. Additionally, the changes in weather and visitation patterns resulted in less time postering than in summer. Diverting from the schedule, Tuesdays, frequently, became a day the Summit Stewards could go out as a team to tackle a larger trail project.

TRAINING

PARK TRAININGS

To meet the diverse needs of visitors and to protect the resources of Acadia National Park, Summit Stewards received trainings from multiple divisions plus trainings specific to Summit Stewards. Training took place from June 4th to June 21st; the complete training schedule can be found in Appendix B.

Summary of trainings:

- FOA Orientation
- Acadia National Park-All staff trainings
- Interpretive Trainings: informal interpretation, Gorham Mt hike, Bark Ranger, hiking trails
- Stewarding: Cadillac Summit, Postering, field training
- Resource Protection: Radios, Cadillac traffic, SAR
- Resource Mgmt: Air and Water Quality, Wildlife, Cultural, Wild Acadia, Plants
- Trails: cairn building, brushing
- Tours: Park Loop Rd, West Side, Geology



Image 3-Kathy Grant training the Summit Stewards on informal interpretation: Ley, Stephanie. June 2018

LEAVE NO TRACE TRAINER COURSE

New Summit Stewards participated in the two day Leave No Trace Trainer course taught by Subaru Leave No Trace Travelling Trainers Erin and Bryce. This season the course was held at the Schoodic Woods campground. The course covered each of the seven Leave No Trace principles in depth as well as how best to teach the principles. This course was taken alongside the new Recreation Technician, the new Stewardship Associate, and staff from Baxter State Park. Upon completing the course the Summit Stewards became certified Leave No Trace Trainers.



Image 4-Summit Stewards John Clark, Zoë Smiarowski, and Sean Ducker participating in Leave No Trace training alongside Baxter State Park staff: Newton, Will. June 2018.

ROUTINE ACTIVITIES

PATROL LOGS

At the end of every work day the Summit Stewards would file a daily patrol log through Google Forms. The daily patrol log recorded postering locations, trails hiked, visitors contacted, cairns repaired, Cadillac closures and, time spent on activities, and provided narrative sections for more in depth anecdotes. The daily patrol logs serve to record and compile valuable metrics about the Summit Steward program. Table 2 is a summary of hours spent by Summit Stewards on routine activities. A full version of the daily patrol log can be found in Appendix C.

Activity	Hours
Postering	333
Beech Mountain Fire Tower	54
Trail roving	778
Cadillac Summit	820

Table 2-Total hours spent performing routine activities by Summit Stewards

INTERPRETATION AND EDUCATION

Leave No Trace Education

Postering

Throughout the season, Summit Stewards spent 333 hours with educational posters at trailheads to inform visitors about Leave No Trace. These posters have pictures and messaging about staying on trail, traveling on durable surfaces, and taking care of the park's cairns. There are two sets of foam cairns that are sometimes used in conjunction with the posters. Summit



Image 5- Stephanie, Isabella, and John postering: Forthofer, Emma. July 2018.

Stewards assigned to the Park Loop Road and Random often spent the morning postering and then hiked nearby trails in the afternoon. The most common poster locations this summer were: Gorham Mountain, Precipice, Beehive, and Jordan Pond.

New Leave No Trace Initiatives:

Trivia on Cadillac

In the fall, Colleen prepared a set of Leave No Trace questions to be used as a game on the Cadillac Summit. Each contestant picked a question from their level of familiarity: kids, novice, intermediate, and expert. After answering a question, they received an Acadia sticker. While the Summit Stewards only got to test out this trivia game a few times, it facilitated more Leave No Trace conversations on the summit than usual. This was used mainly during quieter times on the summit, between 3pm-5pm.



Image 6-Isabella and Colleen teaching a group of visitors about Leave No Trace through trivia on the Cadillac Summit: Ley, Stephanie. October 2018.

Cairn Talk at the Jesup Memorial Library

The Summit Stewards were asked to create and give a talk as part of the Jesup Memorial Library's summer reading program. In this presentation, Isabella, Zoë, and Colleen taught the children how to recognize, use, and build Bates cairns. They also taught the children about how they can Leave No Trace in the park. The Summit Stewards developed hands on activities utilizing foam cairns and playdough. Additionally, they created a cairn-themed paper maze for the kids to work on.



Image 7-Isabella helping kids build playdough cairns: Ley, Stephanie. August 2018.

Emerald Ash Borer Education at Sieur de Monts

Sean and John put together a poster specifically for educating visitors on the invasive Emerald Ash Borer (EAB). Found in Maine as of May 2018, EAB has not yet been detected in Acadia. Its arrival is being monitored with traps in the park. Sean and John utilized the trap at Sieur de Monts as an opportunity to inform the public on the threat of EAB to Acadia's forests. The effort focused on why visitors should care about the threat of EAB and how they can help through Leave No Trace.

Multiple **Leave No Trace Principles** apply to preventing the spread of EAB:

Plan ahead and prepare: Maine law prohibits the transportation of firewood

Leave what you find: Prevent the spread of EAB by not taking wood from parks

Minimize campfire impacts: Burn local firewood

Division Programs

Summit Stewards have always served as informal interpreters when out in the field. They continued to support the programs and messaging campaigns within the Interpretation and Education Division. Once rehoused in Acadia National Park's Interpretation and Education division, they were granted more ability within the specific programs in the division. Summit Stewards kept track of all visitor contacts they had beyond casual greetings and kept track of how many were about Leave No Trace, shown in Table 3.

Leave No Trace contacts	7,241
Total visitor contacts	28,102

Table 3-Total visitor contacts by Summit Stewards in 2018

Loon Watch and Bark Ranger

Past Summit Stewards and Ridge Runners have educated visitors about Leave No Trace in regards to respecting wildlife when loons have nested close to trails along Jordan Pond. This year they were trained on the park's new Loon Watch program with the intention of being the roving Loon Watch rangers at Jordan Pond. There were no observed loon nests there this year, so the Loon Watch backpack was only utilized a few times.

Another new initiative by Acadia in 2018 was the Bark Ranger program. The Bark Ranger program served as an easy way to approach owners about keeping their pets on a leash in Acadia. Many dog owners were excited about the opportunity for their dog promoting stewardship in the park. Summit Stewards told over 90 dog owners about becoming a Bark Ranger.

Beech Mountain Fire Tower

Summit Stewards randomly staffed the Fire Tower 20 times this year. The top platform and cabin were open to the public for 54 hours in addition to the regularly scheduled ranger program. On a typical day, they would hike up to the tower, open the top platform and inside room, and field questions from visitors. These questions ranged widely, but many pertained to the Fire Tower's history, Acadia's fire history, and the landmarks you can see from the top of the tower. This work was done in pairs so that one person could manage the number of visitors going up to the top of the tower while the other could focus on answering questions at the top. Summit Stewards opened the tower on average for 2.5 hours talking to 75 people during that time. On a very busy day in July, two Summit Stewards talked to 184 visitors in one afternoon. This was the first year that Summit Stewards had the ability to open the entire fire tower. Many of the Summit Stewards loved this opportunity, as did the visitors.



Image 8- Beech Mountain Fire Tower. Left: Zoë at the bottom of the fire tower to regulate the amount of visitors in the tower at once. Right: John teaching visitors how fires were located using a fire finder in the tower: Ley, Stephanie. August 2018.

Junior Ranger Programs

Summit Stewards have always carried Junior Ranger books in their packs to hand out to children in the field. This year their ability to work with the Junior Ranger programs expanded in a few new ways. Summit Stewards carried patches and badges to swear in Junior Rangers who have completed the book. They instated 95 new Acadia Junior Rangers. One Summit Steward helped man the Junior Ranger Station at Sieur De Monts and Carroll Homestead five times this summer. Additionally, two Summit Stewards worked at Eek of Ecology at Schoodic in October.



Image 9-Isabella reviewing a JR Ranger book prior to swearing them in: Ley, Stephanie. August 2018.

Social Media

Summit Stewards collaborated with Acadia Youth Tech Teach for Trails Tuesday posts on Acadia's social media pages (located in Appendix E). The content was written by Summit Stewards to highlight how visitors can Leave No Trace in the park and different trails. The images were provided the Acadia Youth Tech Team.



Image 10- Social media post about wearing proper footwear.

TRAIL ROVES

The Summit Stewards roved the trails of Acadia National Park to assist visitors and to maintain trails and cairns. They established a uniformed presence on the trails by spending 778 hours hiking. As interpreters, the Summit Stewards were available to answer visitor questions

about navigation, orientation, natural and cultural resources, and park services. When Summit Stewards encountered visitors engaging in activities that cause significant impact to natural resources, they educated them on how to minimize their impact. Summit Stewards carried first aid kits while hiking so they could perform basic first aid when necessary. The Summit Stewards maintained Acadia's Bates cairns and dismantled 'rogue cairns' built by visitors. They repaired 840 cairns and dismantled 997 unofficial rock stacks. As the Summit Stewards hiked they would identify social trails and use dead brush to cover them up and discourage use of those trails. Equipped with a hand saw or hand clippers, they were able to trim small amounts of vegetation, like if a limb was covering a blaze. When downed trees over trails were encountered, they either moved small ones aside or recorded its location for a report and tried to clear some of the branches some visitors could more easily hike around the tree. Trail issues beyond their scope were reported to Gary Stellflug, Acadia National Park Trails Foreman, or Dana Petersen, Friends of Acadia Stewardship Coordinator, using a trails report (see Appendix C).



Image 11-Zoë and Sean roving on the Precipice: Clark, John. July 2018.



Image 12-Alanna rebuilding a cairn on the Gorge Path: Kim, Yehyun. July 2018.

CADILLAC MOUNTAIN

During the 2018 season the Summit Stewards spent 820 hours on the summit. Summit Stewards performed the same duties on Cadillac Mountain as they did on any other mountain in Acadia, roving the trails and summit while contacting visitors. Due to the road, Summit Stewards had an additional role on the mountain—traffic monitoring, a separate section below will describe this further.

The Summit Stewards worked 78 sunsets on Cadillac. For the sunset shift, the Summit Steward would drive to top when they started work and spend the entire day on the summit. On day shifts, they usually hiked to the summit where they would be from roughly 10:00am-3:00pm before hiking back down. Summit Stewards roved the summit to provide a point of contact for visitors. The questions Summit Stewards received run the spectrum from orientation to geology. When standing close to the parking lot, the questions tend to be basic orientation and information questions. The more interpretative questions tend to happen along the Summit Loop path or near the true summit. The Summit Stewards occasionally brought educational materials along to steer conversations beyond general information.

CADILLAC TRAFFIC MANAGEMENT

Summit Steward's regular presence on Cadillac allowed them to be eyes and ears to traffic over the past few years. They spent 11% of their time on Cadillac monitoring traffic. They worked with Law Enforcement (LE) officers to monitor the congestion and close Blue Hill Overlook (BHO) during sunset following protocols. Summit Stewards assisted with 50 of the 54 Cadillac Summit Road closures. Established protocols were modified slightly for the 2018 season and are located in Appendix F. Even with Summit Stewards, roadway parking is very common; there were 80 days with recorded accounts of illegal parking. Table 4 and Table 5 below list different Cadillac closure statistics.

Total 2018 closures	54
Sunset closures	31
Day closures	23
Summit Steward assisted	50
BHO closures	58
Days with multiple closures	14
2017 closures	69
2016 closures	11

Table 4- Cadillac closure statistics.

Day

Summit Stewards monitored the congestion on Cadillac throughout the afternoon. When traffic was backed up to Blue Hill Overlook (BHO) for more than five minutes, they notified Dispatch via radio. If there was a LE Ranger available, that ranger would close the road to summit at the base of the mountain. During closures the Summit Steward kept in contact with the LE ranger about bus parking availability and when the congestion cleared in order to reopen.

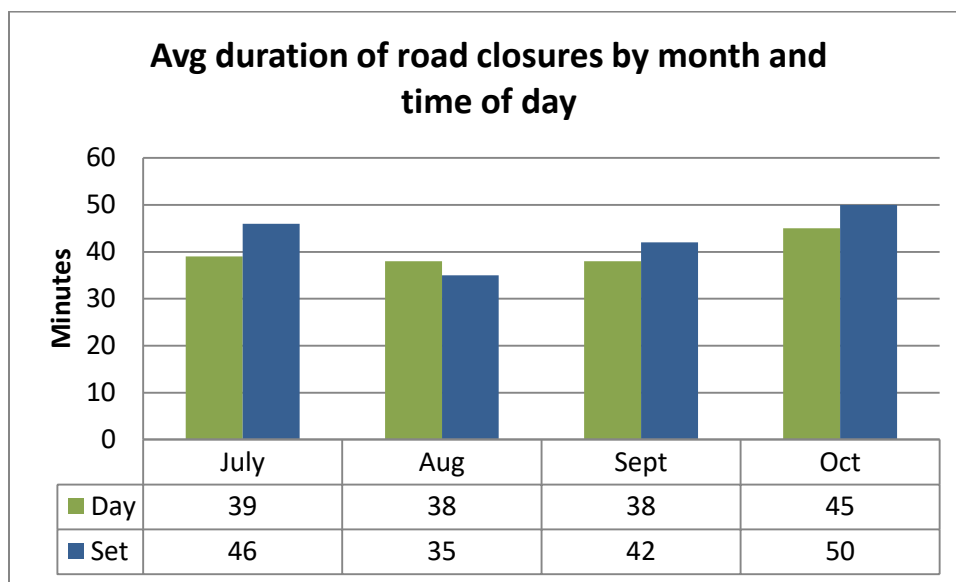


Table 5-Average duration of Cadillac Summit Road closures by month and time of day.

Sunset

Sunset traffic is different from daytime traffic because the prime viewing location is at BHO, which is a smaller lot than the summit, and there are fewer turnovers. About 90 minutes before sunset, Summit Stewards started roaming BHO, this was useful time to patrol for rock stacks and talk with visitors setting up for sunset viewing. Once the BHO lot was full, Summit Stewards placed a barricade that read “LOT FULL,” in the inbound lane. It was inevitable once the Summit Steward left BHO, to monitor the Summit lot, that illegal parking would take place due to cars driving around the barricade. Once Summit Stewards notified Dispatch the Summit lot was full, an available LE ranger from the park would close the summit road. Summit Stewards would guide remaining cars to park in bus parking or in the downhill lane starting from the Summit lot. Most nights, the road would reopen right after sunset but some nights the road would be unsafe to open immediately due to cars parked on both sides of the summit road. Summit Steward authority was used to judge whether or not the summit road was safe to reopen.

ASSORTED PROJECTS

SEARCH AND RESCUE

Over the course of this season, Summit Stewards assisted on at least 15 Search and Rescues (SAR). This involvement totaled to over 38 hours helping the park provide aid to injured visitors. Summit Stewards carried gear to and from the location and were part of 6+ person carry-out teams. Since Summit Stewards are on trails across the park, it was not uncommon if they arrived on scene first or helped locating the patient.



Image 13-Colleen and Isabella alongside NPS staff listen to a SAR briefing: Miller, Garrett. October 2018.

STEWARDSHIP CREW ASSISTANCE

Throughout the summer and fall, mostly on rainy days, Summit Stewards worked with the Stewardship Crew on various projects. These included:

- Jordan Pond bogwalk work: delivering new bogwalk and removing pieces of old bogwalk by boat; breaking up old bogwalk; closing in old detours and opening new ones around the current work area.
- Weeding around the Spring Pool at Sieur du Mont
- Repairing tools: sharpening and rehandling clippers, pulaskis, picks, and other tools.
- Decommissioning the Seaside Path work site: removing gravel, tarps, wooden siding, and other materials from a staging area south of intersection 26 on the Carriage Roads.

- Leading groups: Stephanie and Isabella helped lead school groups from Mount Desert Elementary in flossing Rockefeller's teeth on the Carriage Roads, beginning at the Brown Mountain Gatehouse.



Image 14-Chris helps the Stew Crew unload bogwalk materials at Jordan Pond: McDonnough, Alanna. June 2018.

RECREATION TECHNICIAN ASSISTANCE

The Summit Stewards assisted the Recreation Technicians in the Person Per Vehicle (PPV) study. During one hour periods 8 times throughout the season, Summit Stewards observed vehicles to count the number of people in each vehicle entering the Sand Beach Entrance Station. The data recorded will be used by the Recreation Technicians as part of a national study to evaluate the multiplying factor in visitor use statistics. In addition to assisting with the PPV study, the Summit Stewards helped distribute 150 Visitor Survey Cards. The Visitor Survey Cards help park staff understand visitor perceptions of Acadia's resources and facilities.

FALL TRAIL PROJECTS

In the fall, with more rainy days and fewer visitors, Summit Stewards worked a number of trail projects. These projects were non-technical enough to be delegated by the Trails Crew, and generally involved signage, blazing, and disguising social trails. Projects included:

- Replacing the Dorr Mountain summit marker
- Hammering metal staples into bogwalks on the Cadillac South Ridge, for traction in wet conditions
- Larger social trail projects:
 - Using downed brush to block the top and bottom of a well-established social trail that parallels the Giant Slide Trail, with one end intersecting the Giant Slide Trail and the other end intersecting the Parkman Mountain Trail. The Summit Stewards also added “Charlie” ropes and a ‘Restoration Area’ sign to the upper end of the trail, on Parkman Mountain.
 - Disguising a decommissioned offshoot of the Canada Cliffs Trail with downed debris, and covering old blazes with brown paint to obscure them
- Removing graffiti from Gilmore Peak: during the summer, Summit Stewards found pictograph-style graffiti, drawn with glue or caulk, at the summit of Gilmore Peak. They were able to remove some of the graffiti then and returned later with more tools to chip away at it further.



Image 15-Isabella, Sean, and Colleen stand atop Dorr Summit with the new sign and old summit signs: Ley, Stephanie. September 2018.



Image 16-Left: Closed off social trail on Parkman Mt Trail leading to Giant Slide Trail using dead brush, "Charlie" ropes, and signage: Ley, Stephanie. October 2018.

ISLE AU HAUT

Summit Stewards made two trips to Isle Au Haut (IAH) during the 2018 season. The summer Summit Stewards took a long day trip to IAH on July 19th; they collected marine debris from beaches, trimmed trails, and resettled some old bogwalks. The fall crew went to IAH September 25-26 with the Stewardship Crew and the Rec Techs as an overnight trip. While there, they carried new bogwalk to its intended placement on trails, removed old bogwalk, and picked up beach trash.



Image 17-Bess hauling marine debris collected on IAH. McDonnough, Alanna. July 2018.

SCHOODIC

The fall Summit Stewards took two team trips to the Schoodic Peninsula. On September 17th, they joined the volunteer trash cleanup of Little Moose Island. Altogether, the cleanup gathered about 18 lobster traps, 5 bags of trash, and lots of rope from the shoreline. Historically, under the supervision of the Visitor Use Specialist, the Ridge Runners and Recreation Technician maintained the trail system on Little Moose Island. Instead of formally designated hiking trails there is a network of minimally maintained social trails. Keeping with this management legacy, the Summit Stewards went to Little Moose Island in October with the



Image 18-Summit Stewards and volunteers trimming on LMI: Marini, Anna. October 2018.

Schoodic Volunteer Coordinator and some volunteers for the annual trimming of the trails. Additionally, there were a couple times when a Summit Steward was able to share a ride with someone already driving to Schoodic, so they could patrol the trails.

EVENTS

The Summit Stewards assisted in six major events this season. Those events were:

- Fourth of July parade: held in Bar Harbor, representing FOA the Summit Stewards marched and passed out candy
- Pink Flamingo parade: held in Southwest Harbor, representing FOA the Summit Stewards marched and passed out candy
- FOA Annual Meeting: held at the Bar Harbor Club, the Summit Stewards helped to set up, usher guests, and mingle with attendees to answer questions
- FOA Annual Benefit: held at The Asticou, the Summit Stewards helped to set up, park cars, record the live auction, and break down the event
- Acadia Night Sky Festival-Cadillac Star Party: held at Cadillac Mountain Summit, the Summit Stewards helped LE close off parking for the astronomers to set up and guided visitors during the event
- Take Pride in Acadia Day: held at Acadia National Park, the Summit Stewards assisted in event set up and break down, lead volunteer groups, and assisted with transportation



Image 19- The 2018 Summit Stewards at the FOA Annual Meeting: Walker-Thomas, Julia. July 2018.

SUGGESTIONS

CADILLAC

After spending 820 hours on the Cadillac Summit, the Summit Stewards have noted a few things that could improve the visitor experience and the ecological integrity of the mountain. Most suggestions are increased signage and parking control measures. Past Summit Stewards recognized the improvement the stakes along the roadway made and would like to take it a step further by adding rope between the stakes. Summit Stewards are aware of the impending Transportation Plan; the suggestions below are for short term fixes or compatible with the plan.

Visitor Safety and Experience

A pedestrian walkway between BHO and the Summit would improve visitor experience and safety when walking between the two parking lots, especially after sunset. Similarly, a pedestrian sign on the uphill lane just past the BHO sign would be a helpful warning for drivers to look out for other visitors walking along the road. For visitor ease at the entrance of the Summit lot, it would be beneficial to add directional signs to the accessible parking spots on the outside loop.

A camera pointed at the road at BHO could be used by law enforcement and the Summit Stewards to monitor traffic backups and more effectively manage closures. It could even be used on the park's website parking page to provide insight to visitors on the current traffic conditions.

Illegal parking at the Blue Hill Overlook lot, the Summit Parking lot, and along the road between the two is a persistent issue. To discourage parking in these areas, Summit Stewards have suggested:

- permanent “No Parking” signs
- stronger wooden stakes with ropes
- a pedestrian walkway between BHO and the Summit Lot
- additional coping stones, Image 20 and 21 locate recommended locations



Image 20-Car parked in grass over median at the start of the inside loop at the Summit Lot where coping stones should be placed.



Image 21-Car parked in grass near the accessible parking at BHO where coping stones should be placed.

Visitor Health and Summit Environment

Adding more signs for restrooms would lessen confusion and notify visitors that restrooms exist. The gift shop is surrounded by trees and often missed by visitors entering the summit. While not often, human waste has been left around or near the summit, which can be a concern for visitor health and experience. A sign denoting the location of bathrooms on the orientation display at the start of the paved Summit Loop and by the South Ridge Trail entrance would, hopefully, alleviate these concerns. The amount of litter on the summit, especially around the summit parking lot, is a major issue. Putting in additional trash cans and/or moving the current trash cans to be more visible could reduce the amount of trash. A significant portion of this trash is cigarette butts so additional cigarette disposal containers could be useful, especially near the bus parking.

Posting “No Idling” signs at Blue Hill Overlook would discourage visitors from running their cars while waiting for sunset and thus improve air quality in the park. This sign could be placed near the interpretative sign at BHO which talks about air quality. Of all the cairns Summit Stewards fixed in 2018, over 60% were on Cadillac Mountain, mostly along the upper Gorge Path. Permanently affixed cairns, similar to those at the Visitor Center, on the Gorge Path would help hikers stay on the trail and serve as an educational tool for visitors who are unfamiliar with Bates cairns.

BEYOND CADILLAC

The Summit Stewards spent a lot of time at different trailheads across the park and have noticed things similar to the issues on Cadillac. The Precipice is a popular trailhead, even when closed for wildlife there is an interpretative program there that brings in people. Trash is frequently stashed underneath the trail sign or in the brochure box. The Summit Stewards strongly suggest for a trashcan to be installed at the Precipice Trailhead. At the Bubble Rock Overlook parking pull-off, visitors often park nose-in, which can make it difficult to leave from that pull-off safely. A safer option would be to add lines which encourage visitors to park parallel. Another busy trailhead and parking lot is Acadia Mountain. Summit Stewards suggest a sign to alert drivers of pedestrians crossing.

PROGRAMMATIC

Interdisciplinary Program

The Summit Stewards continued to navigate their roles within the park as a merged program of the Ridge Runners and Cadillac Summit Stewards. From the diversity of projects

discussed earlier, it is apparent the program remained interdisciplinary and should continue as such. One of Friends of Acadia's goals for the program is to prepare youth for careers in the National Park Service. Working with different park employees and divisions on various projects provides Summit Stewards an introduction to available career options and establishes connections for networking. This should not be limited to park staff; Summit Stewards should interact with other FOA staff and programs. Projects with the other FOA programs (Acadia Youth Tech Team, Stewardship Crew, and Recreation Technician) have been among some of the favorites of Summit Stewards and should be continued in a similar fashion.

Fall Trail Projects

In the fall with the shift in visitation, the Summit Stewards operations also shift. Being stationary at a location for a significant amount of time becomes challenging due to weather and decreased traffic volume. Postering is beneficial on weekends and during warmer temperatures until Columbus Day, after which it should be done only if sunny and temperatures are above 55



Image 22-"Ghostbuster" sign.

degrees. Working as a team on small scale trail projects this fall was successful and should be continued. Summit Stewards did not paint blazes this year as done in 2017 and 2014, this is another good project to do during fall in future years. The Recreation Technician and former Ridge Runners have maintained the "ghostbuster" (restoration area, please stay on trail) signs. Since 2017, it has been a shared effort to maintain the signs. The Summit Stewards have replaced or inserted one here or there as needed. Summit Stewards should coordinate with the Recreation Technician to cycle through replacing the ghostbuster signs in larger exclusions areas, like South Bubble, when needed.

Leave No Trace

New ways to reach visitors about Leave No Trace should always be sought after. Summit Stewards should utilize the canopy at the campgrounds, Visitor Center, and Sejur de Monts during rainy days to talk to visitors using Leave No Trace activities. Summit Stewards should work to create short and compact Leave No Trace interpretation stations for Cadillac Mountain and elsewhere.

Training

This year the Summit Stewards had a packed training schedule. Most of the trainings were beneficial and should continue, but based on feedback, a different format is suggested. In

future years, the training schedule should first focus on primary job duties and park orientation. Acadia's natural and cultural resource trainings are critical to the job but should be prioritized to have the broader scope first. Then as the season goes on, specific resource topics could be introduced through continued training sessions. After initial trainings, Summit Stewards should spend two weeks shadowing with any returning staff, not just on Cadillac. Also, returning Summit Stewards should be encouraged to co-teach or develop training sessions.

APPENDIX A

Hiring announcement

Friends of Acadia

Summit Steward 2018 Position Description

Acadia National Park, Bar Harbor, Maine

(4-8 positions available)

Posted 1/26/2018



Friends of Acadia is accepting applicants for up to 8 Summit Stewards for the 2018 field season. The Summit Stewards are an interdisciplinary team that works with all divisions of Acadia National Park to improve the visitor experience while reducing visitor impacts. Summit Stewards are roving educators who work 5 consecutive days per week in the park: 3 days/week are spent educating visitors on Leave No Trace principles, performing trail maintenance, and delivering informal interpretation to visitors throughout the entire park. 2 days/week are spent on Cadillac Mountain performing the same duties, as well as assisting with traffic management on the Cadillac Summit Road for 35% of the Cadillac days (which equates to approximately 12% of your total work time during the week).

Duties (Primary duties are listed as 1-3 below)

1. Hikes selected foot trails inside and connecting to Acadia National Park while educating and orienting visitors: teaching visitors about Leave No Trace principles informally and through a Leave No Trace “station”; offering trail guidance, first aid, water, maps, and information about Friends of Acadia and Acadia National Park programs; sharing the cultural and natural history of Cadillac Summit and Acadia National Park.
 2. Provides informal interpretation to visitors about the cultural, natural history, and more of Acadia.
 3. Builds cairns and destroys inappropriate cairns and rock art (REQUIRES HEAVY LIFTING). Performs routine trail maintenance such as: pruning, brushing impacted areas, blocking social paths, picking up trash, and cleaning waterbars. Works on trail projects, such as installing bog bridging.
 4. Staffs Cadillac Mountain summit during sunrise, midday, and sunset, including times of inclement weather, to assist with traffic management.
1. Records daily patrol log of work activities, time spent, and visitor use measures.
 2. Works well and communicates effectively with members of the Summit Stewards team, ANP and FOA staff, assisting with all assigned job duties, collaborative projects, and FOA special events.
 3. Writes an end-of season evaluation of work experience with FOA and ANP. Assists coordinator with the formal Summit Steward Presentation and Report.

4. May conduct stationary and roving counts of visitors use or behavior for long periods of time.
Distributes survey cards for routine monitoring and research projects.
5. May serve as first responder to emergencies in Park (SAR, fire, EMS, etc.).
6. Performs other duties as assigned.

Qualifications: Knowledge of or willingness to learn about Acadia National Park, its natural and cultural resources, and its trails and carriage road system is preferred. Hiking or other outdoor experience. Excellent communication, people, and time management skills. Must be eager and capable to work hard at physically and socially demanding job, which may involve lifting 50 pounds, hiking up to 10 miles per day, working in inclement weather and on steep terrain, assertively contacting visitors about Leave No Trace, and attending to routine tasks.

Preferential qualifications: Interpretive, natural resource, or outdoor recreation coursework. Familiarity with word processing and data entry. Patience, confidence, and a sense of humor. Flexibility to adapt to quickly changing work demands and schedules

Requirements: Applicants **must** pass a federal background check. Valid Driver's License and reliable vehicle for driving to job sites. Applicants will be expected to use their own automobiles and will be reimbursed for mileage beyond their daily commute to park headquarters. Certifications in basic first aid and CPR. Applicant must be available for the entire season. Applicant must attend Leave No Trace training which includes one night of camping. Successful applicant maintains appearance consistent with Acadia National Park's uniform and grooming standards.

Period of Service: Summer Position: June 4 – August 24, 40 hours/week. Fall Position: June 4 – November 3, 40 hours/week. Some holiday work required. Applicant must be available for the entire season. **Hours:** Early and late shifts for sunrise/sunset. Weekend work expected. **Days off:** 2 consecutive days/week to be arranged.

Wages: \$13.00/hr. **Pay period:** Every two weeks. **Housing:** Applicants will be expected to find their own housing on or near Mount Desert Island. **Work Environment:** Most of the work is performed outdoors and may involve moderate risks or significant discomfort. **Uniforms/Equipment:** Uniform shirts, boots, first aid kits, backpack, and personal protective equipment provided.

To Apply: E-mail cover letter, resume, and references in **one PDF document** to employment@friendsofacadia.org. Call Friends of Acadia at (207) 288-3340 or 1-800-625-0321 with questions. Friends of Acadia is an Equal Opportunity Employer.

Application Deadline: March 5, 2018

APPENDIX B

Weekly Schedule

Summer	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Alanna	x	x	Set	PLR	R	C	R
John	R	x	x	Set	C	R	PLR
Sean	PLR	C	R	R	x	x	Set
Colleen	Set	R	PLR	C	R	x	x
Chris	x	Set	R	C	PLR	R	x
Bess	C	PLR	R	x	x	Set	R
Isabella	x	Set	C	PLR	R	R	x
Zoë	R	R	x	x	Set	PLR	C
Steph						x	x

Fall	S	M	T	W	T	F	S
Colleen	R	R	C	X	X	Set	PLR
Sean	PLR	R	R	C	X	X	Set
Isabella	X	Set	R	R	C	PLR	X
Steph	Set					X	X

C	Cadillac	8:00-4:30		Full day Cadillac
PLR	Park Loop Road	8:00-4:30		Station yourself and poster then hike from a point on the Park Loop Rd (Gorham, SDM, Champlain, Jordan Pond, Loon Watch, The Bubbles, Pemetic, Great Head)
R	Random	8:00-4:30		West side trails, Beech Mt Fire Tower, reporting, projects, Sargent, Parkman/Bald/Gilmore, etc
Set	Sunset	June 25-July 31	12:30-9:00	Full day Cadillac
		Aug 1- Aug 25	12:00-8:30	
		Aug 26-Sept 15	11:30-8:00	
		Sept 16- Oct 4	11:00-7:30	
		Oct 5-Oct 11	10:30-7:00	
		Oct 12-Oct 21	10:00-6:30	

Training Schedule

June 4 th Monday		
8:15-5:15	FOA Seasonal Orientation	Meet at VIP Shed to travel in vans to FOA

June 5 th Tuesday		
8:00-11:00	All Park Training	Training Trailer at Headquarters (HQ)
11:00-4:30	Steward Training	Travel in van to Ocean Drive, lunch by water, hike and postering intro at Gorham Mt

June 6 th Wednesday		
NEW STAFF 7:45-4:15	Park Loop Road Tour	Meet at Hulls Cove Visitor Center (HCVC) Auditorium; travel PLR via bus
<i>RETURNING STAFF</i> 8:00-12:00	Season Overview; Chris CPR at 9	Meet at office
<i>RETURNING STAFF</i> 12:30-4:30	Stewarding	Will make field plan and travel together

June 7 th Thursday		
8:00-9:00	Search and Rescue	Meet in front of SAR Truck
9:00-9:30	Issue Gear	Office
9:30-10:30	Air and Water Quality Program	Meet Bill at picnic tables
10:30-11:00	Break plus travel to VC	Carpool
11:00-12:00	Meet with Kathy	VC Overview
12:00-3:30	Cadillac Summit Training	Lunch at Summit, carpool
3:30-4:30	Wildlife 101	Meet Bruce at picnic tables-HQ

June 8 th Friday		
8:00-10:30	VRP Training-Compendium, Radio, Cadillac Traffic	Ranger Conference Room
10:30-4:00	Boots and Hiking	Travel together to get boots and break them in on the way back

June 11 th Monday		
NEW STAFF 8:30-4:00	West Side Tour	Meet at bus stop at HCVC; travel for day via bus
<i>RETURNING STAFF</i> 8:00-4:30	Stewarding	Meet in Office, then develop field plan

June 12 th Tuesday		
OPTIONAL 6:15-8:00	Bird Walk	Meet at Tarn parking lot
7:30-12:00	Plant ID, Resource Mgmt Projects, Climate change	Meet at HQ , carpool to SDM
12:00-12:45	Transit; lunch	Carpool
12:45-1:15	Changing Gulf of Maine	
1:15-4:30	Gorham Mt hike	Transit back to Tarn

June 13 th Wednesday		
8:00-8:45	Office Topics	Meet in Office
8:45-9:45	Bark Ranger Training	Location TBD
10:00-11:00	Curatorial/Museum Overview	Admin building
11:00-11:45	Office Topics	
11:45-12:30	Lunch plus travel to next location	Carpool-personal vehicles
NEW STAFF 12:30-3:30	Hiking Trails Pt 1	Machias Savings Bank
NEW STAFF 3:30-4:30	LNT Teaching Topic Prep	Location TBD-Discuss Trainer Course and prep teaching topic
<i>RETURNING STAFF</i> 12:30-4:30	Stewarding	Uniform

June 14 th Thursday		
8:00-9:00	Veg Training	HQ Picnic Tables
9:00-10:00	Poster Training	Office
10:00-10:30	Management Team Meeting	Conference Room
10:30-12:30	Postering session plus lunch	Quick trip to Gorham/Beehive to poster. Uniform
NEW STAFF 12:30-4:15	Hiking Trails Pt 2	Machias Savings Bank
<i>RETURNING STAFF</i> 12:30-4:30	Stewarding	Uniform

June 15 th Friday		
8:30-5:00	Geology Tour of Island	Meet at HCVC basement

June 17 th -18 th		
NEW STAFF All day plus camping	LNT Trainer Course	Transit to Schoodic together in Van-details to follow

June 18 th Monday		
<i>RETURNING STAFF</i> 8:30-12:00	Abbe Museum and Wabanaki Culture	Meet at HQ travel to Abbe together
12:00-12:45	Lunch plus transit	Travel to Machias Savings Bank
12:45-5:00	Cultural History Lessons	Machias Savings Bank travel back to HQ

June 19 th Tuesday		
NEW STAFF 8:15-4:45	Island Activities	Meet at HQ, carpool to Machias Savings Bank
<i>RETURNING STAFF</i> 8:00-4:30	Stewarding	Meet in Office, then develop field plan. Uniform.

June 20 th Wednesday		
6:00-2:30	Cairn Building Training	Meet in front of Trails shop

June 21 st Thursday		
8:00-1:00	Team Stewarding plus lunch	Meet at Office, travel in teams. Uniform.
1:00-4:30	Cadillac Summit Botany	Carpool from HQ to Cadillac

June 22 nd Friday		
NEW STAFF DAY OFF		
<i>RETURNING STAFF</i> 8:00-4:30	Stewarding	Meet in Office, then develop field plan. Uniform

APPENDIX C

Daily Patrol Log

Name *

Choose ▼

Date *

Date

mm/dd/yyyy

Day of the Week

Choose ▼

Weather

Choose ▼

Poster Location

☐ South Bubble

☐ Gorham Mt

☐ Beehive

Poster hours

How long did you spend "poster-ing"?

Hrs Min Sec

: :

Beech Mountain Fire Tower Hrs

How long was the Fire Tower open to the public?

Hrs Min Sec

: :

Hiking Hours

Hours spent on the trails

Hrs Min Sec

: :

SAR Hours

Hrs Min Sec

: :

Cairns repaired

Number of major cairn repairs

Your answer

Cairns destroyed

How many visitor created cairns, stacks, or "art" did you dismantle?

Your answer

Dogs

How many dog owners did you talk to about the Bark Ranger program? Make note of any dogs OFF leash.

Your answer

LNT Contacts *

How many visitors did you talk to about Leave No Trace?

Your answer

Visitor Contacts *

JUST VISITOR CONTACTS, DO NOT ADD LNT CONTACTS! How many visitors did you have a conversation with beyond "hi, how are you?"

Your answer

JR Rangers

How many Junior Rangers did you swear in?

Your answer

NEXT

Narrative

Here is where you can go more in detail with your daily operations

What did you do today? *

Tell us more about what you did today and where you went.

Your answer

Trails Hiked

List all trails hiked

- ☐ Precipice Tr
- ☐ Champlain North Ridge
- ☐ Champlain South Ridge
- ☐ Beehive
- ☐ Gorham Mt
- ☐ Great Head
- ☐ Dorr South Ridge
- ☐ Dorr North Ridge

☐ Beech Mt

☐ Other:

Complaints/Compliments/Comments

List/describe complaints, compliments, comments, or anything unusual

Your answer

Trail Issues?

Be sure to fill out a Trails Report to submit to Gary.

Your answer

Unique situations

Were there any problem behaviors observed (camping, bikes, fires, dogs, other)? If there were accessibility questions or concerns, make note of what and where.

Your answer

BACK

NEXT

Never submit passwords through Google Forms.

Cadillac Mountain

For any time spent on Cadillac please fill out this section too

Summit Hours

Count only hours spent on the summit not hiking or driving

Hrs Min Sec

: : :

Shift Type

Choose ▾

IE Bus Questions

Did any visitors ask you if the free Island Explorer Bus comes to the Summit?

Your answer

Accessibility Questions/Comments

Make note of how often you are asked about accessibility parking (NOT lack of parking availability in general, specifically regarding the handicap spaces) or you notice visitors not using the accessible paths, like a wheelchair trying to go over the steps. The park is constantly trying to improve access so our eyes and ears on this subject are appreciated.

Your answer

Traffic Time

Please keep track of time spent managing traffic. Do you have the vest on, are you monitoring how far back the traffic is backed up, are you standing in front of a barricade, are you directing cars? If so then you are managing traffic. Eyeing the parking lot does not count.

Hrs Min Sec

: : :

Time of Road Closure

What time did the road to the summit close?

Time

: AM ▾

Time Road Reopens

What time did the road to the summit reopen?

Time

: AM ▾

Blue Hill Overlook Closure SUNSET

At what time did you pull the barricade to close BHO?

Time

: AM ▾

Illegal parking

If you are able, count any illegally parked cars on the roadway or at BHO?

Your answer

Traffic

Please share what you observed. Were there multiple closures, list the time the road closed and reopened for additional closures. Were there any buses during sunset? Or too many buses on the Summit at any given time? Were there any RVs Did BHO become an overflow lot during the middle of the day? Need a place to vent about traffic woes, try it here. You don't have to answer all these questions, these are guides to what kind of things to look for.

Your answer

BACK

SUBMIT

Trail Issues Report

Name

Date

Trail

Trail maintenance needs? Describe the issue and what tools or staffing (is this suitable for a volunteer group?) might be required. Take pictures if you can. Locate on map on reverse side.

Missing or damaged signs? List number on back of sign and locate sign on map on reverse side. Take a picture if you can.

APPENDIX D

Cadillac Trivia Questions

KIDS

You eat a piece of candy you have been saving in your pocket, what do you do with the wrapper?

Should you walk on plants to get to a cool mushroom you want to look at?

You are eating some crackers and you notice a squirrel on the tree next to you. Should you try to feed it?

Which surface is better to walk on when exploring Cadillac Mountain? Grass or rock?

You see a really pretty flower on the side of the trail, what do you do?

You see your friend throwing rocks down the hill, what do you do?

NOVICE

Point to two durable surfaces, and two non-durable surfaces

You find a really pretty rock on the trail, what do you do?

A chipmunk appears 5ft away from you while you are eating lunch, you should....

- A. Try to get it to come closer by offering it some of the crust from your sandwich
- B. Let your canine companion get some exercise by chasing the chipmunk around
- C. Remain quiet and at a distance
- D. Try to capture the chipmunk in your backpack so you can keep it as a pet

There is a puddle in the middle of the trail, what should you do?

- A. Grab rocks from the surroundings to make a path to hop across
- B. Walk around on the muddy edges of the puddle to avoid getting your feet wet
- C. Make a new trail through the vegetation to avoid the water and mud
- D. Walk straight through it

You find that your bag of crackers got crushed in your backpack! What do you do?

- A. Eat it anyways and pack out the empty bag
- B. Dump it out on the ground
- C. Put it back in your pack
- D. Find a bird and try to get it to eat out of your hand

You see one of Acadia's Bates cairns in the trail, what do you do?

- A. Follow the cairns along the trail
- B. Add a rock to the top of the cairn

- C. Take the top rock off to build a rock stack a few feet away
- D. Kick it over

INTERMEDIATE

Name 3 of the 7 Leave No Trace principles

List 5 things you should bring to a hike in Acadia during the late fall

What is an invasive species?

Describe two ways that humans create tree damage and the tree-friendly alternatives you could use to avoid those impacts

Describe the best type of wood to use for a backcountry campfire

Name 3 durable surfaces and 4 non-durable surfaces for hiking and camping.

EXPERT

Name all seven principles of Leave No Trace

Describe the proper disposal of grey water in the backcountry

Describe an environment in which you would need to pack out human waste and what supplies you would use to do so

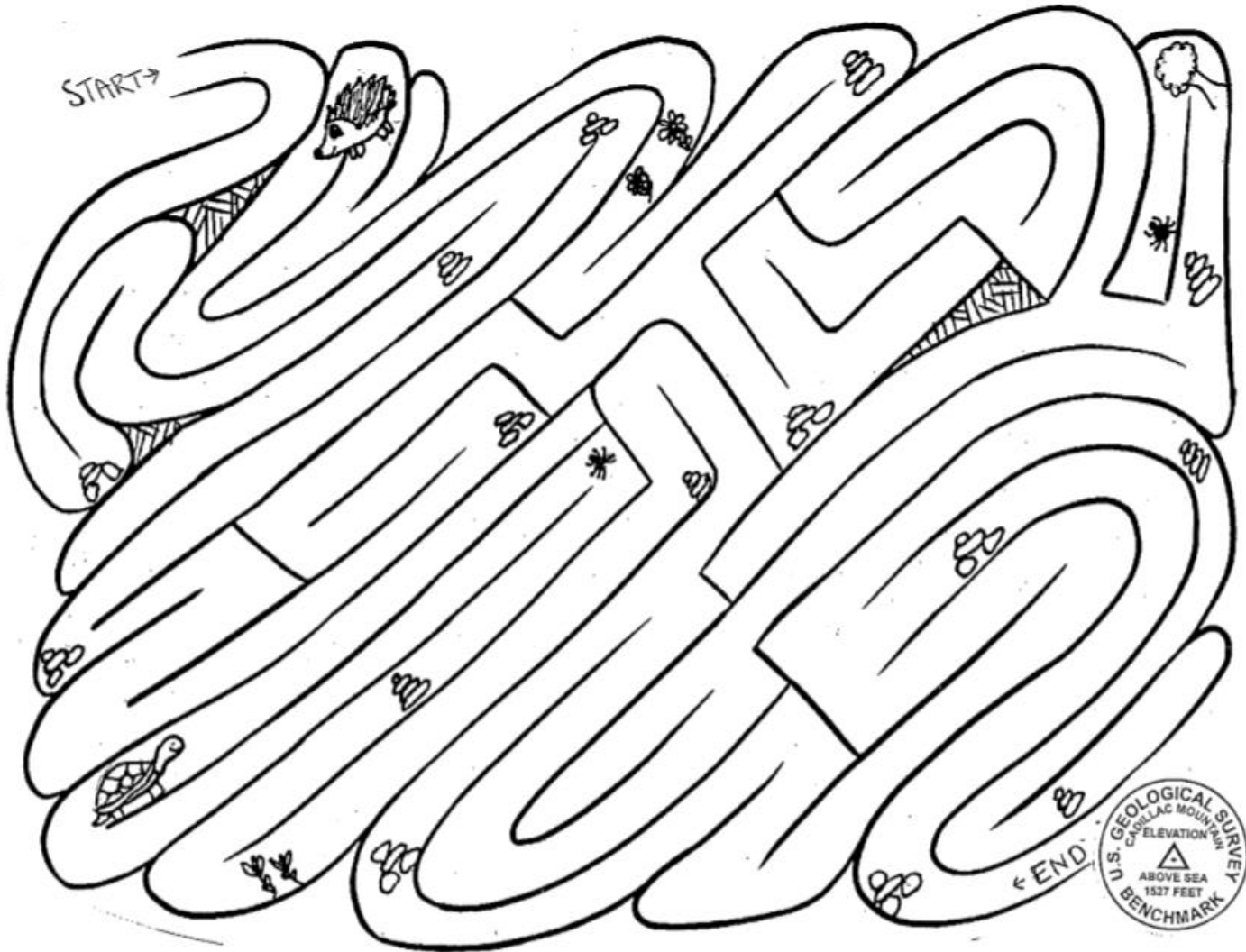
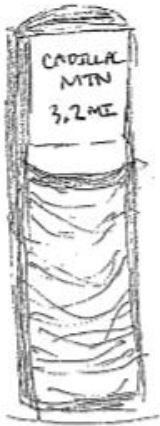


Name this invasive species and one action you can take to help prevent it from spreading

How many inches deep does snow have to be before it is considered a durable surface?

Describe how you would build and dismantle an ideal Leave No Trace campfire in the backcountry

FOLLOW THE CAIRNS TO FIND YOUR WAY TO THE SUMMIT.
BE CAREFUL OF FALSE CAIRNS THAT MIGHT LEAD YOU OFF TRAIL!



What is Emerald Ash Borer?



Why Should We Care?

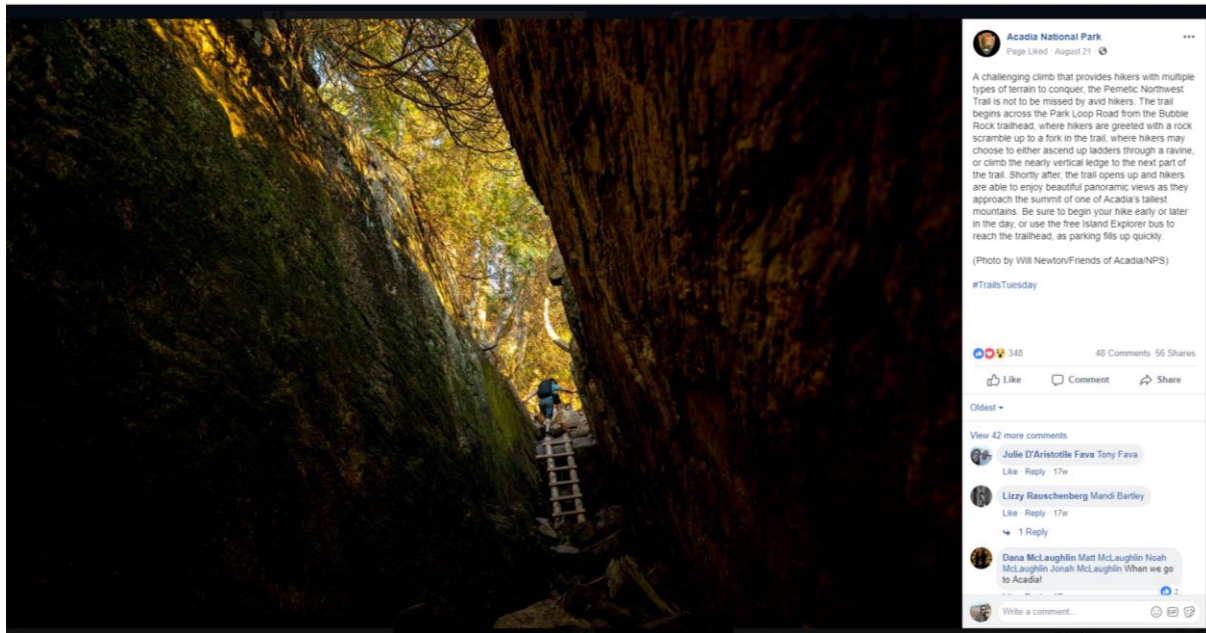


What Can We Do?



APPENDIX E

Social Media





Acadia National Park
 Page Liked · September 11

Thinking about enjoying a hike in Acadia National Park? Maximize your enjoy and safety by following Leave No Trace Principle #1 — Plan Ahead and Prepare. Make sure to start your hike on the right foot... by wearing proper footwear! Shoes that are close-toed, and that can handle our rugged granite and muddy areas are best. Sneakers or hiking boots will help you conquer your hike safely. Save your flip-flops for the beach!

#TrailsTuesday

(Photo by Will Newton/Friends of Acadia/NPS)



Acadia National Park
 Page Liked · July 24

On Dorr Mountain in Acadia National Park, following Leave No Trace principle #2 - Travel on Durable Surfaces – becomes a magical experience.

What does it mean to travel on durable surfaces in Acadia?

#1: Wear sturdy, waterproof footwear so you can...
 #2: Stay on trail and walk in the center of the trail – even if there are rocks, roots, or puddles. Staying on trail and in the center of the trail prevents trail widening and braiding, as well as protecting plant life on the sides of the trail.
 #3: On mountain ridges and summits, step on exposed bedrock, not vegetation.

Originally built in 1915, Homans Path disappeared from path maps by the 1940s. It reopened in 2003, following rehabilitation through the Acadia Trails Forever program, and exemplifies George Dorr's request that trail construction work be "well and permanently done." It is named in recognition of Eliza Lothrop Homans, the first major land donor to the Hancock County Trustees of Public Reservations.

#acadiatrailstuesday

Photo by: Will Newton/Friends of Acadia/NPS

304 9 Comments 32 Shares

Like Comment Share

Oldest ▾

View 3 more comments

Doug Duncan I don't know why, but this

Write a comment...

Acadia National Park
June 26 · 🌐

Did you know Acadia National Park is a Leave No Trace Gold Standard Site? There are currently 10 Gold Standard Sites across the country including Shenandoah National Park, Isle Royal National Park, Olympic National Park, New River Gorge National River, and Chattahoochee River National Recreation Site.

Some criteria that qualifies a place as a Gold Standard Site includes Leave No Trace messaging throughout the park's trailheads, visitor centers, printed materials, and programs, and staff and volunteers formally trained in Leave No Trace.

Last week Friends of Acadia seasonal staff became Leave No Trace Trainers. The two day overnight course was taught by the Subaru Leave No Trace Traveling Trainers, Erin and Brice.

Here, the Summit Stewards are learning about the importance of staying on established paths and durable surfaces when traveling within the park. For more information about LNT practices check out <https://www.nps.gov/.../geti.../supportyourpark/leavenotrace.htm> (Photo by Will Newton/Friends of Acadia/NPS)

#AcadiaTrailsTuesday



NPS.GOV
Leave No Trace - Acadia National Park (U.S. National Park Service)

143 1 Comment 18 Shares

Acadia National Park
July 3 · 🌐

A quiet hike providing unique challenges, the Giant Slide Trail is a trail which Acadia hikers looking for something different should explore. The trail takes hikers through a fragile lichen community and along Sargent Brook, where they cross from boulder to boulder across the brook to ascend up the trail. The trail intersects with multiple other trails, including the Around Mountain Carriage Road, the Sargent Northwest Trail, climbing Sargent Mountain, the second highest peak in the park, the Grandgent Trail, allowing ascent to Parkman Mountain and Gilmore Peak, and the Maple Spring Trail, allowing hikers looking for additional challenge the opportunity to hike a loop that best fits their goals. Remember to Leave No Trace by travelling on durable surfaces as to not disturb the lichens or the brook.

For more information about Giant Slide and other Acadia trails, visit <https://www.nps.gov/acad/planyourvisit/hike-summit.htm>
#AcadiaTrailsTuesday
(Photos by Will Newton, Emma Forthofer/Friends of Acadia/NPS)



Judy Hazen Connery, John Clark and 659 others 31 Comments 97 Shares



Acadia National Park
Page Liked · July 17 · 🌐

Have you seen these little ones along the trails while hiking throughout Acadia National Park?

Per the Superintendent's compendium, the allotted amount of berries that can be harvested within Acadia is one dry half gallon per person, per day. You are allowed to leave the trail to pick these, but please remember to keep the trail in sight. Also remember to stay on durable surfaces and practice Leave No Trace principles when deciding to leave the trail. You could be standing on a new blueberry plant trying to thrive!

What is your favorite way to eat Maine blueberries?

For more information please refer to: https://www.nps.gov/acad/learn/management/compendium2.htm#CP_JUMF_5891272

#AcadiaTrailsTuesday
Photo by: Will Newton/Friends of Acadia/NPS

391 38 Comments 77 Shares

Like Comment Share

Oldest +

View 32 more comments

Erin McAuliffe Sometime we'll have to go when they're in season, Sara Russell
Like Reply 22w 1 Reply

Ellen Rittgers A half-gallon of wild blueberries is a big slug of picking! For
Write a comment...



Acadia National Park

July 31 · 🌐

Acadia's cobblestone beaches have long been an attraction of the park. As visitors, we all have a responsibility to do our part in preserving its beauty. Leave No Trace Principle 4, "Leave What You Find", plays a large role in Acadia. While the cobbles are beautiful, and seemingly plentiful, it's important to remember how even just one person's impact can, and does have lasting effects. With a visitor count numbering in at over 3 million each year, if every visitor took just one cobble, we would soon see devastating effects to the volume of stones in the park. In places like Seawall and Little Hunters Beach, these smooth cobbles are the result of hundreds of years of tumbling through waves. Follow Leave No Trace and take pictures, but leave the cobbles as you find them!

#AcadiaTrailsTuesday

(Photos by: Will Newton and Ashley L. Conti/Friends of Acadia/NPS)




👍❤️👏

You, Will Newton, John Clark and 1.6K others

💬

37 Comments

🔗

213 Shares

🔖 Love

💬 Comment

🔗 Share



Acadia National Park

June 19 · 🌐

Have you seen Bates Cairns while hiking in Acadia? These stone structures are used to mark trails on open ledges and above treeline. They're named for Waldron Bates, who designed the Cadillac Cliffs and Gorham Mountain trails, and established construction and maintenance guidelines for cairns. Tampering with park cairns, or creating your own, can lead hikers astray, cause soil erosion, and distract from the natural landscape. To plan your next adventure check out <https://www.nps.gov/acad/playyourvisit/hiking.htm> (Photo by Will Newton/Friends of Acadia/NPS) #AcadiaTrailsTuesday



👍❤️👏

Will Newton and 123 others

💬

3 Comments

🔗

14 Shares

👍 Like

💬 Comment

🔗 Share

APPENDIX F

Cadillac Traffic Monitoring Protocols

Always wear your traffic vest, when in the roadway monitoring traffic.

Daytime

Check the line of cars periodically, especially between 11:00-2:00.

- **CLOSURE:** When traffic is backed up to Blue Hill Overlook (BHO) and not moving for 5 minutes, notify Dispatch with *"Cadillac Mountain traffic is at (or past) Blue Hill Overlook."*
- **REOPEN:** When there are at least 20 available parking spaces, notify the Ranger at the base of Cadillac with *"Traffic is flowing and there are spaces available on Cadillac Summit, you may reopen."*
- If comfortable you can do the following:
 - Keep cars moving along in the parking lot, especially when buses are trying to get through
 - Ask cars not to park along roadway
 - Let cars know they can park at BHO and walk to the Summit

Sunset

Be at Summit no later than 1.5 hours before Sunset. Roam around BHO to check the lot.

- **BHO Closure:** When Blue Hill Overlook parking lot is full, place the barricade in the entrance lane. Radio to Dispatch *"Blue Hill Overlook is full, I will head to the Summit lot and update when the Summit is full."*
 - At this point, you may have some turn over in BHO, you can stay for a little to monitor then head to the Summit lot. You can gauge the traffic flow to deem when you need to head to the Summit lot.
- **Road Closure:** Once all parking spots are filled at the Summit lot, call to Dispatch *"Cadillac Summit Lot is full."*
 - There will still be cars traveling up the road once the closure is in place, these vehicles can park at start of the downhill lane. Try to keep one spot in bus parking for Oli's Trolleys as they offer a sunset tour. Once Oli's parks if cars park in bus parking then so be it.
- **Reopen:** Once the sun sets and visitors head back to their cars, call Ranger at the base *"Cars are leaving the summit, you can reopen the road."*
 - On busy days in the park when we are unable to close the road on time, traffic may be parked in the roadway past the time of sunset. Use your discretion; if you think it is unsafe to reopen due to vehicles still in the roadway tell the Ranger that it needs a little more time to clear before reopening.

2018 Cadillac Summit Road Closure Calendar

June

June 24	25	26 <i>12:00-13:10</i>	27	28*	29	30 19:59-20:18
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July

1 19:45-20:21	2***	3****+	4 19:55-21:59	5 19:47-20:29	6	7
8	9	10	11	12	13	14
15	16	17	18 11:26-12:12 19:47-20:29	19***+	20	21
22	23*	24	25**	26*	27 10:38-11:28 12:37-13:35 14:20-14:49	28*
29 13:03-13:15 19:42-20:02	30*	31 13:03-13:15 19:42-20:02				

Italics = Summit Steward not present

+ 2016 road closure

*2017 road closure

August

			1*	2+ 19:26-20:00	3	4
5 19:19-19:49	6** 19:21-19:49	7*	8*++	9** 19:27-19:43	10 12:11-12:40 19:17-20:00	11
12* 19:12-19:55	13*	14*	15 11:47-12:30 16:02-16:51 18:58-19:42	16** 11:05-11:35 19:05-19:45	17**+	18
19 11:39-12:12 18:58-19:37	20* 18:48-19:21	21* 18:48-19:26	22	23 11:42-12:28 18:37-19:24	24* 18:46-19:25	25
26	27 18:54-19:21	28	29	30	31	

September

						1 18:06-19:15
2** 12:15-12:48 18:00-18:45	3*	4***+	5+	6	7	8 18:02-23:35
9	10	11	12+ 11:13-11:48	13	14	15 18:29-18:52
16*	17	18	19	20 11:51-12:31	21	22
23**	24*	25	26*	27+ 11:55-12:44 18:02-18:16	28	29 12:35-13:06 17:42-18:31

October

30	1	2	3	4*	5* 10:32-11:24 13:50-14:32 17:25-18:09	6* 11:26-12:15 13:35-14:01 16:44-18:12
7*** 17:02-17:51	8	9*	10***	11	12	13*
14* 7:35-8:13 13:42-14:37 17:28-17:46	15	16	17	18	19	20

Italics = Summit Steward not present

+ 2016 road closure

*2017 road closure

Blue Hill Overlook closure data

Date	Time of BHO Closure	Time before Sunset	Summit road closed
6/29/2018	19:45	0:37	No
6/30/2018	19:40	0:42	Yes
7/2/2018	19:45	0:37	No
7/3/2018	19:40	0:42	No
7/4/2018	19:50	0:31	Yes
7/5/2018	19:30	0:51	Yes
7/6/2018	19:40	0:41	No
7/7/2018	19:30	0:50	No
7/8/2018	19:30	0:50	No
7/9/2018	19:46	0:33	No
7/11/2018	19:35	0:43	No
7/12/2018	19:55	0:23	No
7/13/2018	19:30	0:47	No
7/16/2018	19:45	0:30	No
7/18/2018	19:30	0:43	Yes
7/20/2018	19:13	0:58	No
7/21/2018	19:15	0:56	No
7/27/2018	19:20	0:44	No
7/29/2018	19:10	0:52	Yes
7/30/2018	19:26	0:36	No
7/31/2018	19:30	0:30	Yes
8/2/2018	19:03	0:53	Yes
8/5/2018	19:10	0:43	Yes
8/6/2018	19:00	0:52	Yes
8/9/2018	19:08	0:40	Yes
8/10/2018	18:56	0:50	Yes
8/12/2018	18:45	0:58	Yes
8/15/2018	18:40	0:58	Yes
8/16/2018	18:51	0:46	Yes
8/18/2018	19:10	0:24	No
8/19/2018	18:48	0:44	Yes
8/20/2018	19:00	0:30	Yes

8/21/2018	18:40	0:49	Yes
8/23/2018	18:20	1:05	Yes
8/24/2018	18:30	0:54	Yes
8/25/2018	18:30	0:52	No
8/26/2018	18:50	0:30	No
8/27/2018	18:45	0:33	Yes
8/28/2018	18:35	0:42	No
8/29/2018	18:37	0:38	No
9/1/2018	17:45	1:24	Yes
9/2/2018	17:50	1:18	Yes
9/3/2018	18:50	0:16	No
9/4/2018	18:36	0:28	No
9/7/2018	18:12	0:47	No
9/8/2018	17:45	1:12	Yes
9/9/2018	18:08	0:47	No
9/14/2018	18:12	0:33	No
9/15/2018	18:30	0:14	Yes
9/16/2018	18:00	0:42	No
9/22/2018	18:18	0:12	No
9/23/2018	17:40	0:49	No
9/24/2018	17:45	0:42	No
9/29/2018	17:30	0:47	Yes
9/30/2018	17:50	0:26	No
10/5/2018	17:05	1:01	Yes
10/6/2018	17:00	1:05	Yes
10/7/2018	17:00	1:03	Yes
10/8/2018	17:15	0:46	No
10/12/2018	17:15	0:39	No
10/13/2018	17:30	0:22	No
10/19/2018	17:10	0:32	No
10/21/2018	17:15	0:24	No