

Maine EMS Total Solar Eclipse Playbook

Maine Bureau of Emergency Medical Services

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Change Log

This is the first version of this document.

Purpose

This bulletin aims to provide comprehensive guidance and preparedness measures for EMS agencies in Maine in anticipation of the upcoming total solar eclipse on April 8, 2024. As this rare celestial event draws significant attention and visitors to our state, EMS personnel must be well-informed, adequately equipped, and ready to respond effectively. This bulletin outlines key considerations, safety protocols, and coordination strategies to ensure a seamless emergency response during the eclipse. By adhering to these recommendations, EMS agencies can mitigate risks, enhance public safety, and contribute to a successful eclipse experience.

Remember, effective planning and collaboration will be crucial during this extraordinary event!

Executive Summary

Preparing EMS Agencies for the 2024 Solar Eclipse in Maine

The 2024 solar eclipse promises to be a rare and awe-inspiring celestial event, with Maine positioned at the heart of its path of totality. As EMS agencies, our preparedness is paramount to ensuring public safety and effective emergency response during this extraordinary occurrence.

As with all aspects of preparedness, the most critical component will be the relationships that EMS leaders have established with their community and regional partners. All incidents are local – they occur in the towns where we work, live, and play; they affect our neighbors and loved ones. We must take the time to engage emergency management, healthcare, public safety, and other community partners to ensure that we are ready to respond together and united. Maine EMS and other state partners, including the Maine Emergency Management Agency (MEMA), stand ready to support EMS agencies in their response efforts.

Maine EMS will always do everything in its power to support the EMS system throughout the State of Maine through resources, technical assistance, and guidance. While we do not have an operational component, the office collectively holds decades of valuable experience and knowledge that we can leverage to support EMS agencies throughout the state. Do not hesitate to reach out to Maine EMS if there is ANYTHING we can do to support you and your service – before, during, and after a disaster or emergency.

Key Points:

Eclipse Date and Timing:

- The total solar eclipse will occur on April 8, 2024, starting at approximately 2:18 P.M. The totality phase will begin at approximately 3:28 P.M. EDT and conclude at 3:35 P.M. EDT.
- The Moon's shadow will traverse Maine at an average speed of 2,868 miles per hour.

Path of Totality:

- The path of totality is where the Moon completely obscures the Sun, casting a shadow on Earth.

- Approximately 99,000 residents reside within this path in Maine¹, and we expect tens of thousands of visitors to join the residents of Maine to witness the eclipse across the state.

Challenges and Considerations:

- **Communication:** Rural telecommunication networks could be strained due to increased visitor traffic.
- **Traffic Congestion:** Prepare for increased traffic due to eclipse enthusiasts. Identify alternative routes and access points.
- **Eye Safety Education:** Educate the public and EMS clinicians about safe viewing practices using certified eclipse glasses.
- **Temperature-Related Illnesses:** Be ready for temperature-related emergencies among spectators. The event occurs in April, and we could have warm weather, or there could still be snow on the ground.
- **Animal Behavior:** Agitated animals could pose risks to responders and the public.
- **Mass Gatherings:** EMS agencies should consider ingress and egress to mass gathering sites to address potential disruptions, accidents, and security concerns.

Coordination and Communication:

- Establish clear communication channels with law enforcement, fire departments, and hospitals.
- Share critical information and resources with your partner agencies for a coordinated response.

Public Safety Messaging:

- Create awareness campaigns emphasizing safe eclipse practices.
- Encourage residents and visitors to use protective eyewear and follow safety guidelines.

By proactively addressing these challenges, we can contribute to a safe and successful response during this extraordinary celestial event in Maine.

¹ <https://www.visitmaine.net/2024-total-solar-eclipse-in-maine/>

Situation

On April 8, 2024, a total solar eclipse will cross North America, passing over Mexico, the United States, and Canada². A total solar eclipse happens when the Moon passes between the Sun and Earth, completely blocking the face of the Sun. The sky will darken as if it were dawn or dusk.

The 2024 solar eclipse is a rare celestial event that will cast its shadow across Maine on Monday, April 8, 2024. As the Moon fully blocks out the Sun, the state will experience varying levels of darkness, drawing spectators and visitors from near and far. EMS agencies must be well-prepared to handle the unique challenges posed by this extraordinary phenomenon.

Safety

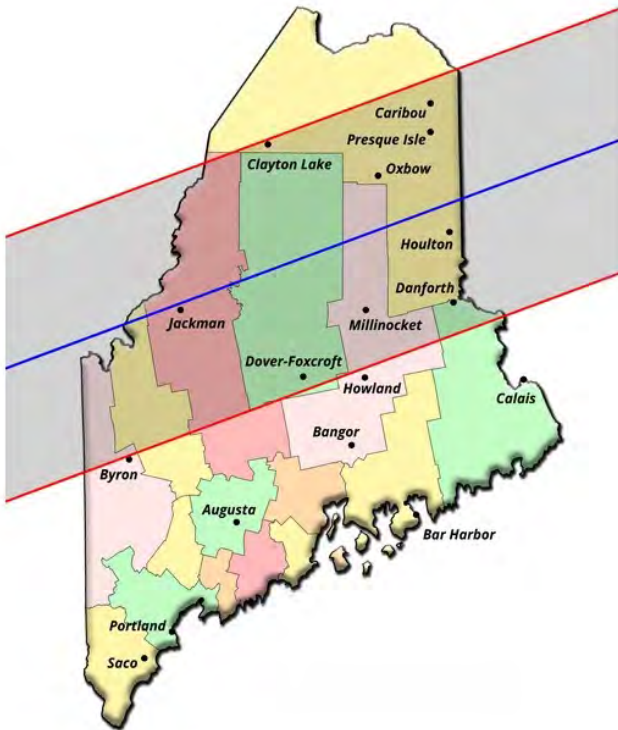
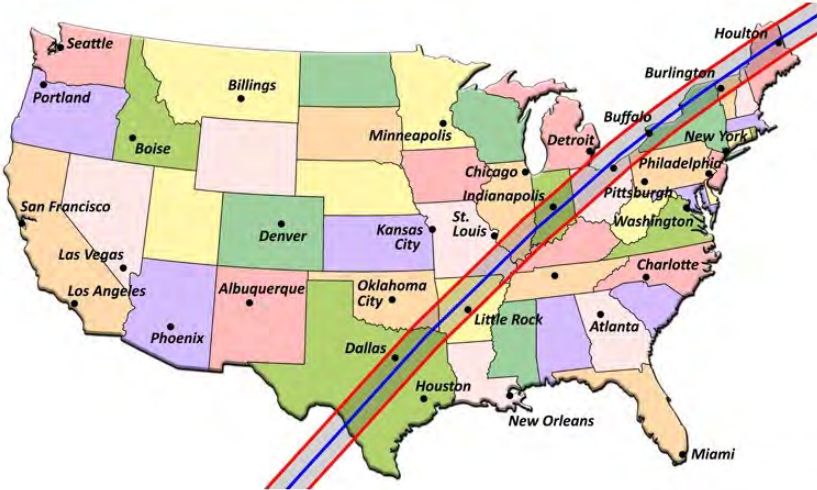
Except during the brief total phase of a total solar eclipse, when the Moon completely blocks the Sun's bright face, it is not safe to look directly at the Sun without specialized eye protection for solar viewing. Viewing any part of the bright Sun through a camera lens, binoculars, or a telescope without a special-purpose solar filter secured over the front of the optics will instantly cause severe eye injury.

When watching the partial phases of the solar eclipse directly with your eyes, which happens before and after totality, you must look through safe solar viewing glasses ("eclipse glasses") or a safe handheld solar viewer at all times. You can also use an indirect viewing method, such as a pinhole projector.³

- The 2024 solar eclipse occurs on April 8, 2024, from approximately 2:00 P.M. to 5:00 P.M. EDT.
- Eclipse Path: Nearly 2/3 of Maine lies within the path of totality, where the Moon's shadow completely obscures the Sun.

² <https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/>

³ <https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/>



Eclipse Path: The eclipse's path of totality begins in the Pacific Ocean, sweeps across central Mexico, and then enters the United States.

U.S. States: The eclipse path touches several U.S. states, including:

Texas, Oklahoma, Arkansas, Missouri, Kentucky, Illinois, Indiana, Ohio, Pennsylvania, New York, Vermont, New Hampshire, and Maine

For an interactive view of how the total solar eclipse will progress, visit NASA's website at: [2024 Total Eclipse - NASA Science](https://eclipse2024.org/path-north-america.html)

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- Eclipse Duration: In towns like Jackman, the eclipse will last for three minutes and 26 seconds, beginning at 3:29 P.M. EDT.
- Visitor Estimate: Visitors from all over the nation will come to witness the eclipse in Maine.
- You can find a list of Maine cities here with the start time of the partial phase, the totality, and the duration of the totality [here](https://eclipse2024.org/path-north-america.html).

⁴ <https://eclipse2024.org/path-north-america.html>

Background

The following are potential hazards associated with a total solar eclipse that Maine EMS agencies should be aware of:

A total solar eclipse happens when the Moon passes between the Sun and Earth, completely blocking the face of the Sun. People viewing the eclipse from locations where the Moon's shadow completely covers the Sun – known as the path of totality – will experience a total solar eclipse. The sky will become dark as if it were dawn or dusk. Weather permitting, people along the path of totality will see the Sun's corona, or outer atmosphere, which is usually obscured by the bright face of the Sun.⁵

Animal Behavior:

- Dogs, cats, and other animals have circadian rhythms and may become confused or anxious during the sudden darkness.
- Agitated animals could pose risks to responders and the public.

Darkness and Headlights:

- It will get as dark as nighttime in some areas during the eclipse.
- Remind drivers to turn on headlights promptly as darkness sets in.
- Lack of headlights during eclipse darkness can lead to accidents.

Distracted Driving:

- As darkness falls during the eclipse, drivers may become distracted while looking at the phenomenon.
- Expect increased traffic along the eclipse path, potentially leading to gridlocked conditions.
- Some individuals might even attempt to drive with eclipse glasses on, reducing visibility significantly.

Eye Injuries:

- Despite warnings, some individuals may attempt to view the eclipse without proper eye protection.
- Retinal burns can occur from direct sun exposure.
- EMS agencies should prepare for 911 calls related to eye injuries.

Increased Traffic and Congestion:

- The path of totality will attract a surge of visitors, potentially causing traffic jams.
- Roads near prime viewing locations (Jackman, Presque Isle, Dover-Foxcroft) may experience heavy congestion.
- EMS agencies should anticipate delays in reaching emergency scenes.

Mass Gatherings

- Collaborate with local law enforcement, fire departments, and other agencies to assess potential risks related to terrorism, mass shootings, and other security threats.

⁵ <https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/what-to-expect/>

- Identify soft targets (such as crowded viewing areas, transportation hubs, and public spaces) that may be vulnerable during the eclipse event.
- Train EMS personnel on situational awareness and suspicious activity recognition.
- Develop contingency plans for various scenarios, including active shooter incidents or terrorist threats.
- Consider setting up temporary medical stations near eclipse viewing sites.
- Train EMS personnel in mass casualty triage techniques.
- If there is an explosion, be aware of secondary explosions.
- Ensure your Mass Casualty Incident (MCI) plans are current and on file with your Public Safety Answering Point (PSAP).

Social Media and Photography Distractions:

- Increased social media activity could lead to distracted driving.
- Roads along the eclipse path may see higher traffic volume due to photography enthusiasts.

Timing Considerations:

- Accidents may increase at the beginning of the eclipse as darkness descends.
- Monitor local eclipse start and end times to anticipate peak challenges.

Additional Factors:

- Recreational drug use may increase, so there may be a higher incidence of overdose cases to tend to.
- Extreme traffic congestion may lead to road rage incidents.
- Travelers may become lost, and some visitors may become separated from their families.
- Vehicles may park in unusual and remote places, including soft or wet ground and fields. If people experience medical emergencies in these areas, consider how to get access to places that may be off-road or inaccessible to standard response vehicles. Also, consider what equipment may be needed to help someone in a difficult-to-reach location.

Response

- Responder Safety
 - **Viewing any part of the bright Sun through a camera lens, binoculars, or a telescope without a special-purpose solar filter secured over the front of the optics will instantly cause severe eye injury.**⁶
- Monitor road closures and the status of healthcare facilities within the response area.
- Communication
 - Review the agency's emergency communications plan on how the agency will communicate with mutual aid partners, healthcare facilities, emergency management, and the public during the event, especially when volume may compromise normal communication.
 - CONOPS Channels – Consider using CONOPS channels for communications outside of normal operations.

⁶ <https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/safety/>

- Work collaboratively with other response entities through a local Joint Information Center (JIC) or Statewide JIC to maintain clear, consistent, and reliable messaging to the public. If communicating to the public, consider utilizing Crisis and Emergency Risk Communication Principles established by the U.S. Centers for Disease Control and Prevention.⁷
 - Be first – crises are time-sensitive. Communicating information quickly is crucial. For members of the public, the first source of information often becomes the preferred source.
 - Be right – accuracy establishes credibility. Information can include what is known, what is not known, and what is being done to fill in the gaps.
 - Be credible – honesty and truthfulness should not be compromised during crises.
 - Express empathy – crises create harm, and the suffering should be acknowledged in words. Addressing people's feelings and their challenges builds trust and rapport.
 - Promote action – giving people meaningful things to do calms anxiety, helps restore order, and promotes some sense of control.
 - Show respect – respectful communication is critical when people feel vulnerable. Respectful communication promotes cooperation and rapport.
- Consider referencing FEMA's Effective Communication Student Manual for additional resources and guidance.⁸

⁷ US Centers for Disease Control and Prevention. (2018). *Crisis + Emergency Risk Communication Introduction*.

⁸ FEMA. (2014). Lesson Three: Communicating in an Emergency. Accessed on March 6, 2024, from https://training.fema.gov/emiweb/is/is242b/student%20manual/sm_03.pdf

Preplanning

- Develop, revise, and review the EMS agency's Continuity of Operations Plan (COOP). This plan should identify and ensure that primary mission essential functions can continue during various emergencies, including acts of nature (e.g., total solar eclipse, blizzards), accidents, and technological or attack-related emergencies. The plan should be a roadmap for the agency to implement and manage the Continuity Program. It should include, but not be limited to, the following:⁹
 - Essential functions – critical activities the organization performs, especially after disrupting normal activities.
 - Orders of succession – provisions for the assumption of leadership during an emergency if established officials are unavailable to execute their responsibilities.
 - Delegations of authority – identification, by position, of the authorities for making policy determinations and decisions at the agency and field level. These delegations are only intended to take effect when normal direction channels have been disrupted and will cease once they are re-established.
 - Continuity communications provide the capability to perform essential functions in conjunction with other agencies under all conditions.
 - Human capital – during a continuity event, emergency employees and other special categories of employees are activated by an agency to perform assigned response duties.
 - Tests, Training, and Exercises (TT&E) ensure that an agency's continuity plan can support the continued execution of the agency's essential functions throughout a continuity event.
 - Devolution of control and direction – the capability to transfer authority and responsibility for essential functions from an agency's primary operating staff and facilities to other agency employees and facilities.
 - Reconstitution is when surviving or replacement agency personnel resume normal agency operations from the original or replacement primary operating facility.
- Develop an Emergency Communications Plan, incorporating multiple means of communicating with mutual aid partners, medical facilities, and governmental agencies. Consider signing up for Government Emergency Telecommunications Service (GETS)/Wireless Priority Service (WPS) (see Resources for more information).
- Identify staffing needs for periods of greatest impact and ensure staff members are not traveling during dangerous storm conditions. Provide resources to staff related to family and personal preparedness.
- Establish contact and communications with your local public health liaison (see Resources for more information).

⁹ FEMA. (n.d.). Continuity of Operations: An Overview. Accessed on September 14, 2023, from https://www.fema.gov/pdf/about/org/ncp/coop_brochure.pdf

Recovery

- Planning for demobilization starts during the response phase and usually occurs in stages based on improving community stabilization and incrementally decreasing demand. Service leaders will collaborate within their existing incident command structure to prepare, implement, and accomplish a phased operational period-based Demobilization Plan to ensure an orderly, safe, and cost-effective demobilization of personnel and equipment.
- Provide an opportunity for staff to participate in a Hotwash or After-Action Meeting to discuss future improvements and lessons learned from the response.
- Create an After-Action Report/Improvement Plan to capture identified improvement items with a timeline to achieve goals.
 - There are a variety of resources and tools to develop an after-action report and improvement plan. Feel free to contact Maine EMS for templates and resources if you do not have them available locally. The Federal Emergency Management Agency has made an After-Action Report (AAR) User Guide available, a great starting point for understanding the process and accessing similar resources through their Continuous Improvement Technical Assistance Program.¹⁰
- Consider providing staff with a CISM debriefing and mental health resources throughout recovery.

Assumptions

The following items are considered assumptions for this document; please note that all assumptions are not considered universal and that many, if not all, may need to be evaluated locally to determine their applicability.

- When an emergency exceeds local resources and response capabilities, local government will request assistance from the next higher level of government.
- When an incident occurs, local governments will first use their own response resources, supplemented as needed by resources available through mutual aid or private sector contracts. Local governments will request state assistance when their ability to respond to the incident exceeds or is expected to exceed their capacity.

¹⁰ Federal Emergency Management Agency. (2021). After-Action Report (AAR) User Guide. Accessed on March 6, 2024, from https://preptoolkit.fema.gov/documents/36933745/36933872/AAR_Guide_062021.docx/ab2fb4c1-264a-1c9f-a564-f4eac9d83764?t=1627673238099&download=true

Authorities & References

While not exhaustive, the following statutes and regulations apply to this plan:

- Maine Revised Statutes:
 - Title 32, Chapter 2-B
 - Title 37-B, Chapter 13
- Code of Maine Rules: 16-163 CMR Chapters 1-23 (2024)

Resources

Weather

- National Weather Service, Gray <https://www.weather.gov/gyx/>
- National Weather Service, Caribou <https://www.weather.gov/car/>
- National Hurricane Center <https://www.nhc.noaa.gov/>

Emergency Management

- Maine Emergency Management Agency <https://www.maine.gov/mema/>
- County Emergency Management Agencies <https://www.maine.gov/mema/ema-community/county-local/county-emergency-management-agencies>

Communication

- Government Emergency Telecommunications Service (GETS)/Wireless Priority Service (WPS) <https://www.fcc.gov/general/public-safety-homeland-security-policy-areas-priority-services>
- CONOPS & RegionNet Guide (2017) <https://www.maine.gov/mema/ema-community/communications/document-library>

Transportation

- New England 5-1-1 <https://newengland511.org/>

Mass Care

- 211 Maine <https://211maine.org/>
- American Red Cross <https://www.redcross.org/local/me-nh-vt.html>

Public Health & Social Services

- Maine Center for Disease Control & Prevention <https://www.maine.gov/dhhs/mecdc/>
- Maine CDC Public Health Liaisons: <https://www.maine.gov/dhhs/mecdc/public-health-systems/lphd/index.shtml>
- Maine Department of Health and Human Services <https://www.maine.gov/dhhs/>

Utilities

- Central Maine Power <https://www.cmpco.com/>
- Versant Power <https://www.versantpower.com/>
- Eastern Maine Electric <https://www.emec.com/>

Definitions

Below is a glossary of relevant terms related to the 2024 solar eclipse:

- **Totality:** Totality during a solar eclipse refers to the remarkable moment when the Moon completely blocks the Sun's bright face. It is the only eclipse stage you can view with your naked eye.¹¹
- **Baily's Beads:** Caused by shafts of sunlight shining through deep valleys on the lunar limb (edge), they look like a series of brilliant beads popping on and off. They appear at annular and total solar eclipses just before the second and after the third contact.
- **Chromosphere:** A thin, red-colored layer of solar atmosphere located just above the photosphere. It is briefly visible immediately after the second and just before the third contact at a total solar eclipse.
- **Corona:** The Sun's upper atmosphere, visible as a pearly glow around the eclipsed Sun during totality. Its shape (sometimes elongated, sometimes round) is determined by the Sun's magnetic field and is linked to the sunspot cycle.
- **Diamond Ring:** A single Baily's Bead, shining like a brilliant diamond set into a pale ring created by the pearly white corona. It's the signal that totality is about to start (second contact) or has ended (third contact).
- **Duration:** The time between the second and third contact during a total or annular solar eclipse.
- **Eclipse Magnitude:** The fraction of the Sun's diameter covered by the Moon. It is a Sun/Moon diameters ratio and should not be confused with eclipse obscuration.
- **Eclipse Obscuration:** The fraction of the Sun's surface area covered by the Moon. Please do not confuse it with eclipse magnitude.
- **First Contact (C1):** The moment when the Moon takes its first tiny nibble out of the solar disk — the beginning of the partial phase of an eclipse.
- **Fourth (last) Contact (C4):** The instant when the Moon no longer covers any part of the solar disk. This signals the conclusion of the partial phase of an eclipse.
- **New Moon:** The lunar phase when the Moon is located in the same direction in the sky as the Sun. The New Moon is the only lunar phase during which an eclipse of the Sun can occur.

¹¹ <https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/faq/>

Appendices

2024 Total Solar Eclipse Location-Time-Duration

CITY	PARTIAL PHASE BEGIN	TOTALITY BEGIN	DURATION OF TOTALITY
Abbot	14:19:45	15:31:08	1m 50.2s
Abbot Village	14:19:45	15:31:08	1m 50.2s
Acadia	14:22:22	15:32:54	1m 16.9s
Adaline	14:22:10	15:32:13	2m 28.6s
Adams	14:20:33	15:31:45	1m 48.9s
Amity	14:22:10	15:32:14	3m 2.9s
Ashland	14:21:45	15:31:49	2m 42.1s
Atkinson	14:20:14	15:31:57	0m 58.4s
Atkinson Mills	14:20:14	15:32:16	0m 21.6s
Bald Mountain	14:17:51	15:29:19	2m 31.6s
Bancroft	14:21:50	15:32:20	2m 27.1s
Barnard	14:20:10	15:31:07	2m 25.9s
Barnjum	14:18:25	15:30:07	1m 51.3s
Batesville	14:21:37	15:31:33	3m 22.6s
Beaver Cove	14:19:48	15:30:24	3m 10s
Bemis	14:17:52	15:29:39	1m 58.3s
Benedicta	14:21:23	15:31:38	3m 4.8s
Bennett	14:21:54	15:31:48	3m 20.8s
Benson	14:20:02	15:30:59	2m 29.9s
Berlin	14:17:59	15:30:03	1m 22.9s
Bigelow	14:18:33	15:29:52	2m 30s
Bingham	14:19:07	15:30:42	1m 45.1s
Bishop	14:22:26	15:32:28	2m 20s
Blackstone	14:22:07	15:32:47	1m 6.3s
Blackwater	14:21:47	15:31:41	3m 11.7s
Blaine	14:22:22	15:32:06	3m 13s
Blair	14:19:01	15:29:36	3m 26s
Blanchard	14:19:37	15:30:42	2m 26.3s
Bodfish	14:19:52	15:30:45	2m 40.8s
Bowerbank	14:20:07	15:31:20	1m 58.8s
Brassua	14:19:22	15:29:54	3m 23.3s
Bridgewater	14:22:22	15:32:06	3m 18s
Brighton	14:19:22	15:31:10	1m 13.4s
Brookton	14:22:07	15:33:17	1m 6.2s
Brownville	14:20:22	15:31:33	1m 54.3s

Brownville Junction	14:20:21	15:31:24	2m 10.3s
Buffalo	14:21:44	15:32:14	1m 43.1s
Bugbee	14:22:08	15:32:14	2m 22.9s
Caratunk	14:19:04	15:30:07	2m 43.2s
Caribou	14:22:20	15:32:29	2m 9.7s
Carrabassett	14:18:41	15:30:03	2m 21.6s
Carrabassett Valley	14:18:37	15:29:58	2m 24.2s
Carson	14:22:11	15:32:23	2m 6.4s
Cary	14:22:10	15:32:09	3m 9.8s
Carys Mills	14:22:12	15:32:05	3m 17.5s
Castle Hill	14:22:01	15:32:05	2m 33.4s
Caswell	14:22:34	15:32:52	1m 38.9s
Chapman	14:22:04	15:32:01	2m 48.9s
Chester	14:21:07	15:32:15	1m 40s
Chesuncook	14:20:13	15:30:28	3m 20.4s
Clayton Lake	14:20:21	15:31:19	1m 27s
Colby	14:22:12	15:32:33	1m 46.5s
Coplin	14:18:21	15:29:36	2m 42s
Crockertown	14:21:22	15:32:46	1m 3.3s
Cropley Turn	14:22:01	15:32:31	2m 22.4s
Crouseville	14:22:11	15:32:13	2m 31.5s
Crystal	14:21:31	15:31:35	3m 17.1s
Dallas	14:18:11	15:29:38	2m 25.6s
Dallas Plantation	14:18:11	15:29:38	2m 25.6s
Danforth	14:22:02	15:32:37	2m 13.2s
Davis Town	14:17:55	15:29:08	2m 56.8s
Deadwater	14:19:16	15:30:38	2m 6.1s
Dennistown	14:18:54	15:29:29	3m 26.7s
Derby	14:20:24	15:31:57	1m 13.7s
Dolby	14:21:04	15:31:34	2m 48.3s
Dover-Foxcroft	14:20:03	15:31:38	1m 20.6s
Drew	14:21:42	15:32:26	2m 8.4s
Dyer Brook	14:21:48	15:31:44	3m 20.5s
Dyerville	14:18:51	15:29:27	3m 26.8s
East Dover	14:20:08	15:31:45	1m 13.4s
East Hodgdon	14:22:17	15:32:09	3m 15.9s
East Madrid	14:18:22	15:30:11	1m 40.5s
East Millinocket	14:21:06	15:31:37	2m 45.9s
East Sangerville	14:19:57	15:31:38	1m 11.9s
East Winn	14:21:22	15:32:34	1m 24.6s
Easton	14:22:23	15:32:11	2m 58.1s

Easton Center	14:22:26	15:32:13	2m 59s
Easton Station	14:22:23	15:32:12	2m 55.4s
Eaton	14:22:06	15:32:53	1m 49.9s
Ebeemee Twp	14:20:28	15:31:17	2m 32.9s
Estabrook Settlement	14:22:07	15:32:12	3m 2.7s
Eustis	14:18:24	15:29:26	3m 2.8s
Fairmount	14:22:27	15:32:17	2m 51.6s
Forest	14:22:11	15:33:10	1m 26s
Forest City	14:22:13	15:32:51	2m 2.6s
Fort Fairfield	14:22:31	15:32:24	2m 40s
Freeman Township	14:18:31	15:30:47	0m 45.5s
Frenchville (Ashland)	14:21:52	15:31:57	2m 35.7s
Garfield	14:21:38	15:31:44	2m 42.4s
Gilford	14:20:52	15:32:04	1m 39.3s
Glenwood	14:21:48	15:32:02	2m 55.6s
Goodrich	14:22:32	15:32:31	2m 23.8s
Goodwin	14:22:28	15:32:26	2m 28.9s
Grants Camps	14:17:59	15:29:10	2m 57.6s
Greenville	14:19:42	15:30:25	3m 1.8s
Grindstone	14:22:08	15:31:59	3m 1.4s
Griswold	14:21:48	15:31:41	3m 13.3s
Guilford	14:19:50	15:31:20	1m 34.9s
Guilford Center	14:19:54	15:31:19	1m 41.5s
Hamlin	14:22:42	15:33:16	0m 59.8s
Hammond	14:22:11	15:32:00	3m 21.2s
Hanford	14:22:04	15:32:35	1m 27.9s
Hardy	14:20:39	15:31:53	1m 41.8s
Harvey	14:22:15	15:32:01	3m 20.6s
Hawkins	14:21:48	15:31:40	3m 15.8s
Hay Brook	14:21:10	15:31:28	3m 5.5s
Hayden Landing	14:18:51	15:29:45	3m 3.4s
Haynesville	14:21:56	15:32:09	2m 53.9s
Hersey	14:21:29	15:31:28	3m 22.4s
High Landing	14:21:29	15:32:16	1m 13s
Highland	14:18:53	15:30:19	2m 8.9s
Hill	14:22:19	15:32:04	3m 21.7s
Hillman	14:21:53	15:31:45	3m 22.3s
Hodgdon	14:22:11	15:32:07	3m 14.5s
Holeb	14:18:37	15:29:17	3m 26.9s
Houghton	14:17:56	15:30:14	0m 56.9s

Houghtonville	14:22:30	15:32:30	2m 23s
Houlton	14:22:15	15:32:06	3m 18.3s
Howe Brook	14:21:53	15:31:43	3m 20.4s
Hurd	14:22:25	15:32:28	2m 17.9s
Irish Settlement	14:21:59	15:32:34	2m 15.5s
Island Falls	14:21:39	15:31:40	3m 18.5s
Jackins Settlement	14:22:14	15:32:11	3m 10.7s
Jackman	14:18:55	15:29:30	3m 26.4s
Jemtland	14:22:14	15:33:06	0m 38.2s
Jemtland Station	14:22:16	15:33:07	0m 39.1s
Jordan Mills	14:21:20	15:32:03	2m 18.9s
Kennebago	14:17:57	15:29:07	2m 59.2s
Kennebago Settlement	14:18:14	15:29:27	2m 48.2s
Keough	14:18:28	15:29:10	3m 27.2s
Kingfield	14:18:42	15:30:30	1m 33.5s
Kingman	14:21:34	15:32:21	2m 4.5s
Kingsbury	14:19:32	15:30:57	1m 54.1s
Kingsbury Plantation	14:19:28	15:30:59	1m 43.3s
Knights Landing	14:20:30	15:31:33	2m 5.5s
Kokadjo	14:19:59	15:30:26	3m 18.4s
La Croix Depot	14:19:08	15:29:45	2m 58.5s
Lake Moxie	14:19:16	15:30:07	2m 58s
Lake Parlin	14:19:04	15:29:43	3m 20.7s
Lake View	14:20:35	15:31:38	2m 5s
Lambert Lake	14:22:26	15:33:56	0m 18s
Langtown Mill	14:18:11	15:29:28	2m 42.6s
Lee	14:21:22	15:33:09	0m 17s
Limestone	14:22:35	15:32:40	2m 8s
Lincoln	14:21:05	15:32:26	1m 16.6s
Lincoln Center	14:21:08	15:32:24	1m 25.7s
Linneus	14:22:04	15:32:01	3m 15.2s
Little Canada	14:21:53	15:31:44	3m 20.7s
Littleton	14:22:18	15:32:04	3m 21.4s
Long Pond	14:19:08	15:29:42	3m 25.1s
Loon Lake	14:18:05	15:29:28	2m 34s
Lowelltown	14:18:20	15:29:04	3m 27.1s
Ludlow	14:22:00	15:31:53	3m 20.9s
Mackamp	14:19:14	15:29:48	3m 24s
Macwahoc	14:21:31	15:32:05	2m 30.1s
Macy	14:17:53	15:29:26	2m 22.3s

Madawaska	14:22:26	15:32:34	2m 7.1s
Madrid	14:18:14	15:30:12	1m 28.5s
Magalloway	14:17:30	15:29:09	2m 21.4s
Maine	14:22:26	15:32:26	2m 25.7s
Maple Grove	14:22:28	15:32:19	2m 46.6s
Mapleton	14:22:05	15:32:03	2m 43s
Margison	14:22:13	15:32:36	1m 39.4s
Mars Hill	14:22:23	15:32:07	3m 12.2s
Masardis	14:21:45	15:31:42	3m 2.8s
Mattawamkeag	14:21:21	15:32:11	2m 5.5s
Maxfield	14:20:43	15:32:16	1m 5.8s
McCarty	14:20:44	15:30:52	3m 23s
McGraw	14:22:21	15:32:24	2m 23.5s
McShea	14:22:30	15:32:23	2m 41.1s
Meadowville	14:21:21	15:32:10	2m 7.4s
Medford	14:20:36	15:32:00	1m 23.3s
Medway	14:21:09	15:31:43	2m 40.4s
Merrill	14:21:46	15:31:40	3m 22.4s
Middle Dam	14:17:34	15:29:30	1m 49.4s
Mill Brook	14:20:24	15:31:24	2m 14.5s
Millinocket	14:20:56	15:31:24	2m 56.3s
Milo	14:20:24	15:31:51	1m 24.9s
Mingo Springs	14:17:57	15:29:27	2m 26.4s
Molunkus	14:21:27	15:32:02	2m 29.5s
Monarda	14:21:30	15:31:45	3m 1.5s
Monson	14:19:44	15:30:48	2m 25.6s
Monticello	14:22:19	15:32:04	3m 21.5s
Mooresville	14:20:19	15:31:11	2m 30.6s
Moose Brook	14:19:38	15:30:16	3m 10.4s
Moose River	14:18:55	15:29:30	3m 26.7s
Moosehead	14:19:36	15:30:09	3m 17.6s
Moosehorn	14:19:44	15:30:57	2m 8.2s
Mooselookmeguntic	14:17:51	15:29:18	2m 33.7s
Morey Brow	14:22:10	15:31:57	3m 21.6s
Morkill	14:19:48	15:30:35	2m 53.3s
Moro	14:21:36	15:31:32	3m 22.7s
Moscow	14:19:07	15:30:39	1m 51s
Mountainview	14:17:53	15:29:20	2m 32.6s
Mt. Chase	14:21:22	15:31:23	3m 22.8s
Nashville	14:21:40	15:31:53	2m 22.6s
New City	14:20:50	15:30:58	3m 23.8s

New Limerick	14:22:05	15:31:59	3m 18.7s
New Sweden	14:22:15	15:32:42	1m 29.8s
New Sweden Station	14:22:16	15:32:45	1m 26.1s
Nixon	14:21:43	15:32:27	1m 11.8s
Norcross	14:20:48	15:31:18	2m 55.9s
North Amity	14:22:12	15:32:14	3m 3.6s
North Bancroft	14:21:58	15:32:20	2m 39.3s
North East Carry	14:19:51	15:30:12	3m 25.2s
North Guilford	14:19:49	15:31:03	2m 4.6s
North Lincoln	14:21:10	15:32:15	1m 43.8s
North New Portland	14:18:52	15:31:03	0m 44.3s
North Wade	14:22:07	15:32:20	2m 7.4s
Oakfield	14:21:51	15:31:46	3m 20.7s
Ogontz	14:19:43	15:30:06	3m 25.5s
Old City	14:20:54	15:31:00	3m 23.7s
Onawa	14:19:57	15:30:51	2m 36s
Oquossoc	14:17:52	15:29:19	2m 33.2s
Orient	14:22:08	15:32:22	2m 46.4s
Oxbow	14:21:33	15:31:31	3m 8.8s
Packards	14:20:34	15:31:19	2m 36s
Parkman	14:19:45	15:31:23	1m 23.2s
Parrot	14:19:39	15:30:47	2m 21.1s
Patten	14:21:26	15:31:28	3m 20.2s
Pea Ridge	14:21:05	15:32:09	1m 48.6s
Perham	14:22:06	15:32:22	2m 1.6s
Perkins	14:20:47	15:31:18	2m 53.9s
Phillips	14:18:23	15:30:54	0m 19.3s
Pine Knoll	14:20:46	15:30:54	3m 18.2s
Pingree Center	14:19:43	15:31:27	1m 12.4s
Pleasant Island	14:17:48	15:29:10	2m 43.7s
Pleasant Pond	14:19:08	15:30:10	2m 45s
Pleasant Ridge	14:19:00	15:30:22	2m 13.5s
Poplar Ripps	14:19:27	15:29:56	3m 25.1s
Portage	14:21:44	15:32:03	2m 6.8s
Portage Lake	14:21:42	15:32:07	1m 52.9s
Prairie	14:20:22	15:31:15	2m 27s
Prentiss	14:21:41	15:32:46	1m 29.8s
Presque Isle	14:22:16	15:32:09	2m 48.8s
Pride	14:21:48	15:31:40	3m 17.6s
Rands	14:22:15	15:32:12	2m 41.5s
Rangeley	14:18:03	15:29:33	2m 24.1s

Rangeley Plantation	14:17:55	15:29:38	2m 3.7s
Redington	14:18:20	15:29:52	2m 12.8s
Reed	14:21:42	15:32:05	2m 43.3s
Reeds	14:18:19	15:30:13	1m 32.6s
Rockwood	14:19:36	15:30:05	3m 23.2s
Round Mountain	14:21:15	15:31:31	2m 31.2s
Salem	14:18:30	15:30:28	1m 20.2s
Sandy Bay Twp	14:18:50	15:29:24	3m 22.4s
Sandy Bay Twp.	14:18:50	15:29:24	3m 22.4s
Sandy River	14:18:09	15:29:57	1m 48.7s
Sangerville	14:19:52	15:31:25	1m 29.1s
Schoodic	14:20:31	15:31:22	2m 26.9s
Scopan	14:21:46	15:31:45	2m 54.4s
Sebec	14:20:14	15:31:31	1m 48.9s
Sebec Lake	14:19:57	15:31:02	2m 17.6s
Seboeis	14:20:49	15:31:59	1m 43.5s
Seboomook	14:19:44	15:30:06	3m 24.7s
Selden	14:22:02	15:32:21	2m 41.4s
Sharp	14:22:19	15:32:04	3m 21.6s
Sheridan	14:21:46	15:31:52	2m 37.1s
Sherman	14:21:25	15:31:34	3m 11.8s
Sherman Mills	14:21:27	15:31:36	3m 11.2s
Sherman Station	14:21:24	15:31:32	3m 14.3s
Shin Pond	14:21:20	15:31:20	3m 23.1s
Shirley	14:19:35	15:30:29	2m 46.2s
Shirley Mills	14:19:37	15:30:29	2m 48.6s
Shorey	14:21:54	15:31:45	3m 22.2s
Siberia	14:21:21	15:31:31	3m 13.3s
Silver Ridge	14:21:30	15:31:44	3m 2.7s
Skerry	14:21:41	15:31:53	2m 24.2s
Skinner	14:18:25	15:29:08	3m 27.1s
Smyrna	14:21:55	15:31:47	3m 21.9s
Smyrna Center	14:21:56	15:31:49	3m 21.8s
Smyrna Mills	14:21:51	15:31:45	3m 21.6s
Snow Settlement	14:22:24	15:32:07	3m 19s
Somerset Junction	14:19:30	15:30:02	3m 20.7s
Soule Mill	14:18:36	15:30:24	1m 35.5s
South Arm	14:17:40	15:29:46	1m 27.6s
South Bancroft	14:21:54	15:32:19	2m 35s
South Dover	14:20:09	15:32:15	0m 16.2s
South Lincoln	14:20:58	15:32:24	1m 11.2s

South Rangeley	14:17:53	15:29:25	2m 24.5s
South Sebec	14:20:15	15:31:51	1m 12.7s
South Woodville	14:21:10	15:32:02	2m 6.7s
Spaulding	14:22:04	15:32:27	1m 45.8s
Spring Lake	14:18:40	15:29:41	2m 56.7s
Springfield	14:21:35	15:33:21	0m 12.4s
Stacyville	14:21:18	15:31:28	3m 13.2s
Starbirds	14:20:01	15:31:55	0m 45.2s
State Road	14:22:07	15:32:08	2m 33.9s
Stratton	14:18:25	15:29:34	2m 49.4s
Sugar Hill	14:22:26	15:32:08	3m 18s
Tarratine	14:19:26	15:29:59	3m 22s
Ten Degree	14:17:52	15:29:55	1m 27.2s
The Forks	14:19:08	15:30:01	2m 59.2s
The Highlands	14:19:43	15:30:24	3m 4.3s
Three Streams	14:18:52	15:29:32	3m 22.8s
Timoney	14:21:56	15:31:49	3m 20.9s
Tomah	14:22:16	15:33:29	0m 57.4s
Town of Madrid	14:18:14	15:30:12	1m 28.5s
Troutdale	14:19:18	15:30:16	2m 46.3s
Upper Abbot	14:19:45	15:31:04	1m 58.4s
Upper Dam	14:17:43	15:29:20	2m 18.6s
Upton	14:17:24	15:29:38	1m 19.5s
Wade	14:22:02	15:32:13	2m 14.7s
Walker	14:21:57	15:31:54	2m 52.4s
Walker Settlement	14:21:45	15:31:43	3m 18.8s
Washburn	14:22:09	15:32:15	2m 21.7s
Webb Hill	14:21:22	15:32:09	2m 9.6s
Webster	14:21:33	15:32:36	1m 36.4s
Weeksboro	14:21:54	15:31:45	3m 21.8s
Wellington	14:19:29	15:31:31	0m 44.7s
West Forks	14:19:05	15:29:52	3m 9.2s
West Seboeis	14:20:40	15:31:20	2m 42.4s
Westfield	14:22:20	15:32:07	3m 6.1s
Westmanland	14:22:07	15:32:55	0m 49.4s
Weston	14:22:03	15:32:27	2m 31.9s
Williamsburg	14:20:17	15:31:14	2m 23.3s
Willimantic	14:19:52	15:30:54	2m 24.4s
Wilson's Mills	14:17:30	15:28:57	2m 43.2s
Winn	14:21:18	15:32:14	1m 57.6s
Woodland (Caribou)	14:22:13	15:32:30	1m 54.1s

Woodland Center	14:22:11	15:32:30	1m 51.8s
Woodville	14:21:13	15:32:04	2m 8.7s
Wytopitlock	14:21:45	15:32:20	2m 21.7s