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**U.S National Park Service**

**Fire Management Plan Framework**

**Version Date 03/2025**

**This Framework is the policy of the** **[National Park Service per Reference Manual 18 Chapter 4 and 2024 Interim Policy for RM 18 Chapter 4, Fire Management Plans](https://www.nps.gov/subjects/fire/rm-18.htm).**

**DIRECTIONS**

Follow the instructions and fill in the template. Any section or subsection indicated with a \* is not required if the fire program does not include these elements. The blue hyperlinks should remain in the document to provide additional information, link to current policy and reduce redundant text. Text that is *italicized* should be included in that section of the FMP. A crosswalk may be attached as an optional appendix if using map sheets or ArcGIS Online to display the FMP.

**COVER PAGE / SIGNATURE PAGE** - the FMP should be recommended for approval by an Interagency Fire Program Management Standard (IFPM) qualified Fire Management Officer (FMO) and signed/approved by the Park Superintendent. Additional signatures may be added at the discretion of the park unit or region.

**REQUIRED ANNUAL REGIONAL FMP REVIEW PROCESS -** Follow the Fire Management Plan Regional Review Process outlined in [Reference Manual 18, Fire Management Plans, Chapter 4 (2023), Sections 3.0 and 3.1](https://www.nps.gov/subjects/fire/rm-18.htm) and [2024 Interim Policy for RM 18 Chapter 4](https://www.nps.gov/subjects/fire/upload/FINAL_RM18_Chapter4-Interim-Policy_20240_0814.pdf).

**DOCUMENT REPOSITORY** - FMP Documents must be uploaded to the [Wildland Fire A123 - Home (sharepoint.com)](https://doimspp.sharepoint.com/sites/nps-wildlandfireA123/)**.**

Prepared by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name, Position, Park/Zone/Region Name

Reviewed by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name, Position, Park/Zone/Region Name

Recommended by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name, Fire Management Officer, Park/Zone Name

Approved by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name, Superintendent, Park Name

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# INTRODUCTION, LAND MANAGEMENT PLANNING, and COMMUNICATION

Intent: Introduce the reader to the purpose of the fire management plan (FMP), the park unit area covered by the FMP including vicinity and other maps if not representing FMP spatially. Maps may be included as an appendix.

Include the italicized text: *“The mission of the National Park Service Wildland Fire Program is to manage wildland fire to protect the public, park communities, and infrastructure, conserve natural and cultural resources, and maintain and restore natural ecosystem processes* [*(WF: Plans and Policy - Fire (U.S. National Park Service)*](https://www.nps.gov/subjects/fire/wildland-fire-plans-and-policy.htm). *[Each park unit with burnable vegetation must have an approved Fire Management Plan that will address the need for adequate funding and staffing to support the fire management program.](https://www.nps.gov/subjects/fire/wildland-fire-strategic-plan.htm)* [*[(Directors Order #18, Wildland Fire Management, NPS 2008)](https://www.nps.gov/subjects/fire/wildland-fire-strategic-plan.htm)*](https://www.nps.gov/subjects/fire/director-order-18-wildland-fire-management.htm)*[. To align with the DOI FMP Framework, the NPS developed fire management planning guidance described in NPS](https://www.nps.gov/subjects/fire/wildland-fire-strategic-plan.htm)* [*[Reference Manual (RM) - 18, Fire Management Plans, Chapter 4](https://www.nps.gov/subjects/fire/wildland-fire-strategic-plan.htm)*](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf) *[(2023), that considers fire program complexity and efficient and effective planning direction.”](https://www.nps.gov/subjects/fire/wildland-fire-strategic-plan.htm)*

Recommended text: The PARK UNIT NAME Fire Management Plan is a strategic plan that defines a program of work to manage wildland fire, (includes prescribed fire and wildfire), and non-fire fuel treatments, and is based on direction contained in existing park unit planning documents. This PARK UNIT NAME Fire Management Plan provides for firefighter and public safety and includes strategies for managing wildland fire. The PARK UNIT NAME Fire Management Plan addresses values to be protected and is consistent with PARK UNIT NAME resource management objectives and environmental laws and regulations such as the [National Environmental Policy Act (NEPA)](https://www.nps.gov/subjects/nepa/index.htm), the National and State Historic Preservation Acts, the Clean Air Act, etc.

The PARK UNIT NAME Fire Management Officer (FMO) determines program requirements to implement land use decisions through the FMP to meet land management objectives. The FMO is responsible for developing, maintaining, and annually evaluating the FMP to ensure accuracy and validity by completing an annual review. [(Interagency Standards for Fire and Fire Aviation Operations (Red Book), Chapter 3, NPS Program Organization and Responsibilities).](https://www.nifc.gov/policies/pol_ref_redbook.html)

## Program Organization

Describe the general organizational structure of the fire management program including where the fire program sits in the overall park unit organizational program structure; if the park unit is part of a greater organizational park group, zone, or network, and if the park unit has their wildfire suppression managed by other entities through an agreement.

## Fire Management Actions

Briefly describe the range of wildland fire management actions available for use. State whether wildfires may be managed for resource objectives. These are expanded upon in section 3.1 Management of Wildfires. Management actions may be represented/delineated on the landscape as described in Section 3.1.2. Fuel treatments, if applicable to the unit, are described in Section 3.2.

## Environmental Compliance

Fill in the table below with the relevant National Environmental Policy Act (NEPA) document(s) and supporting decision documents that are associated with this FMP (indicate N/A if not applicable). Include the date of the final signed decision document and the  [Planning, Environment & Public Comment (PEPC)](https://parkplanning.nps.gov/publicHome.cfm) program.

|  |  |  |
| --- | --- | --- |
| **NEPA Document Name** | **Document Date Signed (month/day/year)** | **Project ID Number#** |
| Categorical Exclusion (CE) | Date of signed CE |  |
| Environmental Assessment (EA)  Finding of No Significant Impacts (FONSI) | Date of signed FONSI |  |
| Environmental Impact Statement (EIS)  Record of Decision (ROD) | Date of signed ROD |  |

**Documents must be uploaded to the** [**NPS Wildland Fire A123 Sharepoint Site**](https://doimspp.sharepoint.com/sites/nps-wildlandfireA123/Lists/WF%20FMP%20Tracker/AllItems.aspx?newTargetListUrl=%2Fsites%2Fnps%2DwildlandfireA123%2FLists%2FWF%20FMP%20Tracker&viewpath=%2Fsites%2Fnps%2DwildlandfireA123%2FLists%2FWF%20FMP%20Tracker%2FAllItems%2Easpx&viewid=134a2b45%2D9c68%2D475f%2D87c2%2D2a98b33d9d69)**.**

## Park Unit/Resource Management Planning

List park unit planning documents such as the Foundation Document, [Resource Stewardship Strategy](https://doimspp.sharepoint.com/sites/nps-resource-stewardship-strategy), [Wilderness Stewardship Plan](https://doimspp.sharepoint.com/sites/nps-wild-stewardship/SitePages/Wilderness-Stewardship-Planning.aspx?csf=1&web=1&e=BcaY5S&CID=775af7b7-96ff-47a1-994a-9b7e8a82af06), etc. that inform the direction in this fire management plan. Include the [PEPC](https://parkplanning.nps.gov/publicHome.cfm) collection ID #.

## Collaborative Planning

Describe how the park engages in fire management planning with federal partners, non- federal agencies/departments, local cooperators, tribal governments and other non-governmental organizations. Reference the goals of the [National Cohesive Wildland Fire Management Strategy](https://www.forestsandrangelands.gov/strategy/thestrategy.shtml#alignment) (Cohesive Strategy) and state how this park unit’s program of action will achieve these goals.

## Communication and Education

Describe the fire communication and education efforts for the park or zone/group/cluster fire management organization and region. A park unit may develop a fire program communication plan consistent with their fire management program’s focus, complexity, scope and the role of fire in the park unit ecosystems. Additional information can be found in [RM - 18, Chapter 20, Communication and Education](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf). If a communication education plan has been developed, reference the location of the document here.

# WILDLAND FIRE PROGRAM MANAGEMENT GOALS AND OBJECTIVES

Intent:This section of the FMP describes the overall fire management program direction from the park unit planning documents listed in Section 1.3.

## Goals

List the goals of the fire management program within the park unit (public and firefighter safety must be identified in a specific goal statement). Goals are broad statements describing an end state or outcome. Goals form the basis from which objectives are developed.

## Objectives

List the overarching programmatic objectives of the fire management program within the park unit. These objectives may vary within specific areas, units, or zones of the park unit. Objectives are subordinate to goals, are narrower in scope and measurable.

**The table below are some EXAMPLE goals and objectives. A list specific to the unit should be developed and included in the FMP.** (format may be as a table or list).

|  |
| --- |
| **Goal 1** Ensure that firefighter and public safety is the first priority in every fire management activity. |
| **Objectives** |
| * Provide required annual safety training to all red-carded personnel per [(Interagency Standards for Fire and Fire Aviation Operations (Red Book)](https://www.nifc.gov/policies/pol_ref_redbook.html) and NPS standards. |
| * Incorporate safety considerations into all decision processes (e.g., WFDSS, Fuel Treatment Plans, etc.). |
| * Provide operational briefings that include safety to all line personnel prior to each shift. |
| **Goal 2** Maintain natural fire regimes to the maximum extent practicable so natural ecosystems can operate essentially unimpaired by current and future human interference. |
| **Objectives** |
| * Allow a range of fire effects and fire conditions to create a mosaic of fire severity across the landscape. |
| * Apply Minimum Impact Strategies and Tactics (MIST) to all fire operations (Section 3.1). |
| * Implement resource-specific mitigation strategies as detailed in the supporting compliance documents and unit specific READ guides. |
| **Goal 3** Reduce hazardous accumulations of fuel near non-wilderness park structures. |
| **Objectives** |
| * Inspect structures annually and prioritize fuels treatments based on [NPS structure data](https://wildfireapps-nifc.hub.arcgis.com/). |
| * Work with other park divisions (e.g., maintenance) to remove identified hazardous fuels within the limitations of staff and budgets. |

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# WILDLAND FIRE OPERATIONAL GUIDANCE

Intent: This section of the FMP describes the management of wildfires and fuels treatments, if applicable to the unit.

Fire management activities that use aviation resources will be conducted in accordance with applicable bureau and/or Interagency guides, handbooks, and policies. NPS wildland fire personnel conducting aviation missions will follow [Reference Manual-60, Aviation Management](https://www.nps.gov/subjects/aviation/rm-60.htm). Wildland fire mission support is the primary purpose for NPS wildland fire funded aircraft. Utilization and movement of these aircraft is governed by Regional and National Mobilization Standards and must be coordinated with relevant stakeholders at park, region and national office levels through fire duty officers.

## Management of Wildfires

Describe the range of wildland fire management actions available for use, expanding upon section 1.2. State whether wildfires may be managed for resource objectives. The actions described must be supported by the decisions and agreements identified in the NEPA compliance document that supports the FMP.

### **Wildfire Response Planning**

**Expected Fire Behavior**

Describe the range of potential fire behavior expected on your park unit throughout a typical and extreme season. Describe critical thresholds (such as drought and environmental conditions) for fire behavior that may resist control efforts and/or produce unwanted fire effects. Describe how the park unit will respond to wildland fires considering future fire conditions. Include how the unit may respond to an increase in the number, frequency, size, and severity of wildfires.

**Initial Response Procedures**

Describe the range of initial response allowed in the park unit (such as monitoring to suppression). Initial response should be based on goals and objectives, an assessment of risk factors, and consideration of management requirements and constraints. The response must be consistent with firefighter and public safety and values to be managed (protected or enhanced). The Park initial response plan is part of Appendix D – Preparedness Documents [Red Book, Preparedness, Chapter 10](https://www.nifc.gov/policies/pol_ref_redbook.html). Current Initial Response direction is located in [RM - 18, Managing Wildfire, Chapter 2](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf) and [Red Book, Incident Management and Response, Chapter 11](https://www.nifc.gov/policies/pol_ref_redbook.html) .

**Transition to Extended Response**

Describe the process for transitioning from initial response to extended response. Include triggers and the subsequent steps to follow. Identify the location for the transfer of Command Package, sample Delegation of Authority from Park Superintendent to incoming incident commanders, burn bosses, and/or incident management team if these documents have been developed. Refer to the [Red Book, Incident Management and Response, Chapter 11](https://www.nifc.gov/policies/pol_ref_redbook.html), for current direction on wildfire command and organizational structure.

**Minimum Impact Strategy and Tactics (MIST)**

List unit specific MIST protocols if they have been developed. Unit MIST guidelines may be found in the Fire Management Plan Environmental Assessment (EA), Wilderness Minimum Resource Decision Guide (MRDG), Biological Opinion (B.O.) and other documents. Minimum Impact Strategy and Tactics (MIST) are guidelines are listed in[*Exhibit 1 of RM - 18, Managing Wildland Fire, Chapter 2.*](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf)

### **Wildland Fire Decision Support System (WFDSS)**

Include the italicized text: *“*[*The Wildland Fire Decision Support System (WFDSS)*](https://wfdss.firenet.gov/help/Content/Home.htm) *is an interagency, web-based application that helps agency administrators and fire managers make risk informed decisions for all types of wildland fires, regardless of complexity. WFDSS integrates various applications used to manage incidents into a single risk-informed, collaborative system to streamline the analysis and reporting process. WFDSS is the primary decision support documentation platform for all NPS wildfires.”* Current direction on WFDSS pertaining to the NPS can be found in the [Interagency Standards for Fire and Fire Aviation Operations (Red Book) in Chapters 3 and 11.](https://www.nifc.gov/policies/pol_ref_redbook.html)

**Interagency Spatial Fire Planning Service**

Include the italicized text: *“Incident decisions must be consistent with applicable fire-related protection and resource management objectives and requirements from land and resource management plans and compliance documents and are incorporated into WFDSS as Strategic Objectives and Management Requirements with the associated spatial data. The* [*Interagency Spatial Fire Planning*](https://isfps-nifc.hub.arcgis.com/) *service is the ArcGIS Online Web Application used to manage fire planning data (both spatial and language).”* Units are encouraged to upload and review data prior to fire season.

## \*Fuels Treatments

Any section or subsection indicated with a \* is not required if the fire program does not include these elements.

**\*Fuels Management Goals and Objectives**

Describe the broad programmatic fuels management goals and objectives. These should be collected from the land and resource management plans listed in section 1.4 that describe the need for vegetation management or manipulation. These should not be confused with specific goals and objectives for implementing fuels treatments – the specific objectives of the treatment will be outlined in the prescribed fire plan.

**\*Fuels Treatments**

Describe the range of fuels treatments (prescribed fire and/or non-fire treatments) available for use, the target vegetation types, and areas of the park unit where fuels treatments will be implemented. Describe how fuels projects and mitigation priorities are selected and how the park unit prioritizes projects for implementation. Describe how the park unit will evaluate future fire conditions to inform and prioritize fuels treatments and defensible space around values at risk.

**\*General Fuels Management Implementation Procedures**

Include the italicized text: “*Activities proposed in the Fire Management Plan will be planned and implemented in accordance with* [*RM 18, Fuels Management Chapter 7*](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf)*, the* [*NWCG Standards for Prescribed Fire Planning and Implementation*](https://www.nwcg.gov/publications/484)*, and the* [*Red Book, Fuels Management, Chapter 17*](https://www.nifc.gov/policies/pol_ref_redbook.html)*.”*

**\*Risk-Informed Decision-Making and Accountability Requirements**

The [*NPS Fuels Management Program Planning and Reporting Requirements 2024-508 Memo*](https://doimspp.sharepoint.com/:b:/r/sites/nps-imr-fire-and-aviation/Shared%20Documents/Fuels%20Management/NPS%20Fuels%20Management%20Program%20Planning%20and%20Reporting%20Requirements%202024-508_.pdf?csf=1&web=1&e=kNto6y) establishes fuels management accountability requirements. Projects must document the use of a risk-informed decision-making process for project prioritization and selection. The [*NPS Wildland Fire Risk Assessment (WFRA)*](https://nps-wfra-nifc.hub.arcgis.com/)map was developed to evaluate and assess fuels risk rating by project area and can be used to document project prioritization and selection.

**\*Multi-year Fuels Treatment Plan**

Include the italicized text: *“The NPS Fuels Management Program will use the* [*Interior Fuels and Post-fire Reporting System (IFPRS)*](https://inform-fuels-nifc.hub.arcgis.com/pages/launch-inform-fuels) *for submitting proposed projects for approval, tracking accomplishments of the program, reporting performance, and measuring success. A three year Planned Program of Work (PPOW) can be found in that system.* [*The Active Management (Fuels) v 2.0 | Wildland Fire Risk Assessments (arcgis.com)*](https://wildfire-risk-assessments-nifc.hub.arcgis.com/apps/nifc::active-management-fuels-v-2-0/about) *displays Fuels Treatments accomplished by the National Park Service's Wildland Fire Management program.” A multi-year fuels treatment plan may be attached as an optional appendix. Additional information can be found in* [*RM 18, Fuels Management Chapter 7*](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf) *and the* [*NWCG Standards for Prescribed Fire Planning and Implementation Guide*](https://www.nwcg.gov/publications/pms484)*.”*

**\*Defensible Space**

Describe any defensible space work performed at the unit. Include the italicized text: *“The NPS has adopted the*[*International Code Council’s (ICC’s) International Urban-Wildland Interface Code*](https://codes.iccsafe.org/content/IWUIC2018P3/chapter-6-fire-protection-requirements)*through the parameters described in*[*Executive Order Wildland-Urban Interface Federal Risk Mitigation.*](https://obamawhitehouse.archives.gov/the-press-office/2016/05/18/executive-order-wildland-urban-interface-federal-risk-mitigation) *Contained in the ICC’s code*[*(sections 603 and 604)*](https://codes.iccsafe.org/content/IWUIC2018P3/chapter-6-fire-protection-requirements)*are descriptions of defensible space and maintenance requirements for urban wildland interface areas.” Reference*[*RM - 18, Fuels Management, Chapter 7*](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf)*for additional information.*

Describe any structure protection efforts for the unit. Include the text italicized text: *Current information on NPS Structure Protection needs can be found at* [*NPS Wildland Fire Risk Assessment (WFRA)*](https://wildfire-risk-assessments-nifc.hub.arcgis.com/)*.* [*https://wildfire-risk-assessments-nifc.hub.arcgis.com/*](https://wildfire-risk-assessments-nifc.hub.arcgis.com/)

## Preparedness

The preparedness section will vary depending on the complexity of the fire program on the park unit. Include the italicized text: “*The Annual Delegation of Authority, Inter-Park Agreement (where applicable), Cooperative and Interagency Agreements, Fire Danger Operating Plan, Preparedness Level Plan, Step-up Plan - Staffing Plan and Initial Response Plan are found in the Appendix section of this FMP. Reference* [*Interim Policy RM-18, Preparedness, Chapters 5 and 6*](https://www.nps.gov/subjects/fire/rm-18.htm) [*and Red Book, Preparedness, Chapter 10*](https://www.nifc.gov/standards/guides/red-book) *for current preparedness direction."*

**Preparedness Activities**

Describe the park unit’s range of preparedness activities. Include interagency agreements, compilation of weather/severity data, training needs, etc. Refer to [*Interim RM - 18, Preparedness, Chapter 5 and 6*](https://www.nps.gov/subjects/fire/rm-18.htm)and [Red Book, Preparedness, Chapter 10](https://www.nifc.gov/policies/pol_ref_redbook.html) for current preparedness direction. The park must conduct preparedness reviews on an annual basis using approved NPS [Interagency Preparedness Review Checklists.](https://www.nifc.gov/standards/nps-preparedness-review)

**Coordination and Dispatching**

Describe inter-park and/or interagency relationships, interagency agreements, park fire management clusters, national and regional shared resources such as Modules, Aviation assets, etc. Describe dispatching procedures, interagency coordination, and mobilization. Interagency Agreements and Cooperative Agreements are included or referenced in the Appendix. The [Interagency Resource Ordering Capability (IROC)](https://famit.nwcg.gov/applications/IROC) enables fire managers to request fire personnel and equipment and track where they’re located.

**Duty Officer**

Describe how the Duty Officer responsibilities are fulfilled at the park unit and include the role, function and responsibilities of the Duty Officer [Red Book, NPS Program Organization and Responsibilities, Chapter 3](https://www.nifc.gov/policies/pol_ref_redbook.html) . Duty Officer Manual, if developed, may be included as an optional appendix.

**Prevention**

Describe any fire prevention activities for the unit. Prevention/Mitigation plan will be required when an NPS unit experiences an average of 26 human caused fires per year over the most recent 10-year period. To analyze and determine human-caused fires from the [InFORM](https://in-form-nifc.hub.arcgis.com/) database, fires that are delineated as cause “undetermined” will be considered human caused. Management actions which otherwise would be included in a prevention plan that are intended to prevent or mitigate human-caused wildfires should be included in preparedness-level plans for those parks where a prevention plan is not required. [Interim Policy RM-18, Chapters 5 and 6](https://www.nps.gov/subjects/fire/rm-18.htm).

**Safety Program / Plan**

Each operating unit must prepare a basic “Documented Occupational Safety and Health Plan,” applicable to the unit. Refer to [Reference Manual 50B, National Park Service Occupational Safety and Health Program](https://www.nps.gov/policy/RM50Bdoclist.htm) for requirements. Reference the location of the park safety plan and park serious injury or death procedure.

**Job Hazard Analysis**

The Fire Management Officer is required to ensure completion of job hazard analysis (JHA) for fire and fire aviation activities so mitigation measures are taken to reduce risk. [Red Book, NPS Program Organization and Responsibilities Chapter 3](https://www.nifc.gov/policies/pol_ref_redbook.html). Reference the location for the relevant Wildland Fire JHA’s or attach as an Appendix.

## Post-Fire Programs and Response

Summarize information about post-fire response actions. Park units that have historically experienced large wildfires or have the potential for large wildfires may develop unit-specific guidelines and standards for post-fire activities. If park-specific guidance has been developed, reference the location of the document. Include the italicized text: *“The park unit is responsible for taking prompt action after a wildfire to minimize threats to life or property, and to prevent unacceptable degradation to natural and cultural resources. Damages resulting from wildfires are addressed through four activities:*

***Suppression Repair****: the intent is to repair suppression damages and is the responsibility of the Incident Commander. This activity is paid for from wildfire suppression funding.*

***Emergency Stabilization****: the intent is to protect life and property and critical resource values and is the responsibility of the Superintendent. This activity is paid for from Emergency Stabilization (ES) funding.*

***Rehabilitation****: the intent is to repair wildfire damaged lands that are unlikely to recover naturally to management approved conditions, or to repair or replace minor facilities damaged by wildfire. This activity is paid for from Burned Area Rehabilitation (BAR) funds.*

***Restoration:*** *the intent is to continue the rehabilitation efforts started in the BAR process beyond the time period limitation set by the department. This activity is paid for from regular program* funds.

[*RM - 18, Post Wildfire Programs, Chapter 18*](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf) *and the* [*Red Book, Incident Management and Response, Chapter 11*](https://www.nifc.gov/policies/pol_ref_redbook.html) *provide direction on current processes and timeframes.”*

## \*Air Quality/Smoke Management

Describe air quality issues related to visibility and smoke management. Describe the locations of Class I & II airsheds and key vistas, any Non-Attainment Areas, and a description of pre-identified smoke sensitive areas. Specify air quality/smoke management objectives (e.g., avoiding impacting sensitive areas, maintaining acceptable visual range). Additional Air Quality/Smoke Management information can be found in RM 18, Air Quality and Smoke Management, Chapter 9.

### **Air Quality Issues**

Describe actions to manage smoke impacts that comply with the requirements of the Clean Air Act and state/local regulations to meet air quality/smoke management objectives. List potential measures and techniques to prevent, monitor, and mitigate adverse smoke events, including commonly used tools, equipment, and technology (e.g., spot forecast, mobile PM2.5 monitor). If a regulatory Smoke Management Plan (SMP), created by a state/local regulatory agency responsible for air quality management, is applicable to portions or all of the park unit, reference the SMP and ensure applicable requirements are followed. In the absence of an SMP, follow the six Basic Smoke Management Practices referenced in RM 18, Air Quality and Smoke Management, Chapter 9. Describe interagency coordination to address smoke management (i.e., coordination with applicable air, land, and emergency management agencies and public health offices) including contact information, and any planned public outreach/notification activities. Utilize THSP Air Resources Advisors to address smoke management issues as directed by the Interagency Standards for Fire and Fire Aviation Operations (Red Book).

## Data and Records Management

Describe how the park unit will ensure data are created and managed in accordance with the requirements listed in [RM - 18, Information and Technology Management, Chapter 19](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf). Describe how the park unit will manage [Incident Management Qualification and Certification System (IQCS)](https://iqcsweb.nwcg.gov/) data, incident management files, and any unique circumstances to the park unit.

# PROGRAM MONITORING AND EVALUATION

Intent**:** Describe actions the park unit will take to review and update this plan by incorporating lessons learned from fire reviews and fire effects monitoring data, as well as through findings from scientific research.

## Monitoring

Monitoring is one of the primary tools used to implement adaptive management. For park units that use prescribed fire or other fuels treatments for the purpose of modifying fire behavior, or manage wildfire for resource objectives, develop a Fire Monitoring Plan(s) as required per [RM - 18, Fire Ecology and Monitoring, Chapter 8](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf). For units without prescribed fire programs or who are not planning to manage wildfires for multiple objectives, the decision regarding whether a fire monitoring plan is necessary should be made collaboratively by the regional office fire staff, the unit fire staff, and the unit resource management staff. The Fire Monitoring Plan describes how and when fire management activities will be monitored to evaluate whether the fire program is meeting management goals and objectives ([RM - 18, Fire Ecology and Monitoring, Chapter 8, Exhibit 2 - Fire Monitoring Plan Elements](https://irma.nps.gov/DataStore/Reference/Profile/2253262)). Reference the location of the Fire Monitoring Plan or attach as an appendix.

## Research

Park units should utilize research findings to refine programmatic goals and objectives and modify management actions and/or treatment objectives. National- or regional-scale research findings may be applicable to goals or objectives related to firefighter safety, management strategies, and/or fuel treatment effectiveness. If the park unit has used national or regional findings to inform the fire management goals and/or objectives, then briefly describe those findings.

Research conducted within the NPS unit or in very similar ecosystems should be used to refine goals and objectives related to restoring and maintaining ecosystem characteristics. If your unit has ecological goals and/or objectives for the fire management program, then provide a summary of key research related to those goals and objectives and a description of how the research findings have been incorporated into this FMP. Refer to [RM - 18, Fire Research, Chapter 17](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf).

## Evaluations, Reviews and Updates

**Fire Program Review**

Describe the frequency of park/unit/zone/cluster fire program reviews. Reviews may be scheduled on a regular cycle; or triggers may determine the need for a review; or park, regional or national leadership may request a review. If your region has a review schedule, include that information in this section. The National Park Service has developed a NPS [Wildland Fire Program Review Guide](https://www.nps.gov/subjects/fire/upload/nps-fire-program-review-guide-2013.pdf) that describes the review framework. For more information reference [RM - 18, Evaluations, Reviews and Investigations, Chapter 16](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf).

**Wildland Fire Incident Review**

Include the *italicized* text: *“All wildland fires and fire-related incidents will be reviewed in accordance with* [*RM - 18, Evaluations, Reviews and Investigations, Chapter 16*](https://www.nps.gov/subjects/fire/upload/nps-reference-manual-18.pdf) *and the* [*Red Book, Reviews and Investigations Chapter 18*](https://www.nifc.gov/policies/pol_ref_redbook.html)*”*

**Required Annual Regional FMP Review Process**

Follow the Fire Management Plan Regional Review Process outlined in [National Park Service per Reference Manual 18 Chapter 4 and 2024 Interim Policy for RM 18 Chapter 4, Fire Management Plans](https://www.nps.gov/subjects/fire/rm-18.htm).

# [NWCG GLOSSARY](https://www.nwcg.gov/publications/pms205/nwcg-glossary-of-wildland-fire-pms-205)

# REFERENCES CITED

# REQUIRED AND CONDITIONAL APPENDICES

Note: these may be included as an appendix, location identified or link to the document.

Follow the most recent policy guidance [Reference Manual - 18, Preparedness, Chapter 5 and Prevention and Mitigation, Chapter 6](https://www.nps.gov/subjects/fire/rm-18.htm).

**A.** Annual Delegation of Authority

**B.** Inter-Park Agreement(where applicable)

**C.** Cooperative and Interagency Agreements(where applicable)

**D.** Preparedness Planning Documents

1. Fire Danger Operating Plan (FDOP) / Fire Weather and Fire Occurrence Analysis Document (FWOAD)
2. Preparedness Level Plan
3. Step-up Plan/Staffing Plan (as required by policy)
4. Initial Response Plan

**E.** Prevention and Mitigation Plan (as required by policy)

\*Examples of additional appendices that may be attached include, Fire Monitoring Plan, Local Unit Resource Guide (LURG), Fuels Treatment Program of Work, Park Structure Protection map, Serious Accident Plan etc.