



Data Store User Guide

Using the Quick Search

Illustrates the basic steps, with a working example, to search for content in Data Store.

Background

Data Store has a lot of information, too much to just easily browse through. Therefore, you need to have at least some idea of what you are looking for. The Quick Search is designed for anyone, whether the public or NPS, to find information as quickly and easily as possible. To do this, the Quick Search is designed to accommodate the three most common questions most people ask:

- For a particular topic, what information exists?
- For a specific refuge/organization, what information exists?
- For a specific refuge/organization and topic, what information exists?

Thus, the Quick Search can help answer questions like:

- What information is there about wolves?
- What information is generally available about Yellowstone National Park?
- What information is available specifically about wolves Yellowstone National Park?

Example

As an example, let's see what information is available about wolves that is specific to Yellowstone National Park.

Step 1: Select the Quick Search

Replace image with duplicate from DS.

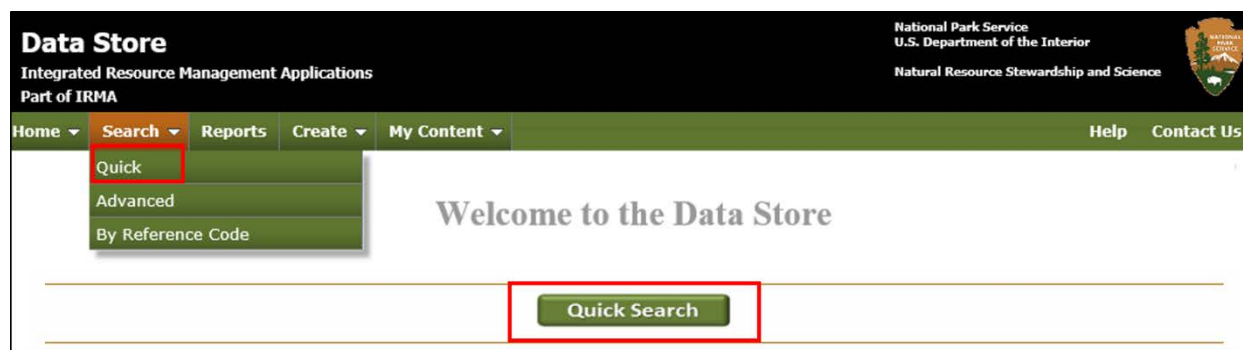


Image 1: Data Store header with the two links to activate the quick search.

Step 2: Specify Search Criteria and Run Search

First, you may enter a word or phrase in the 'Search Text' field. This is where you can enter your topic, which for our scenario, would be **wolf**.

The screenshot shows the 'Quick Search' header. Below it is a grey bar with the text 'Search Using the Options Below'. Underneath this bar is a search text field with the label 'Search Text' and the word 'wolf' entered. A red rectangle highlights the search text field.

Image 2: The display show the user entering the search term into the search text field.

Note the following for the Quick Search:

- It automatically handles singular vs. plural (e.g., wolf vs. wolves)
- It searches many of the reference fields at once¹
- It does not search the contents of the digital files themselves
- Additional ways to refine this search are provided below (See Refining Search)

Second, select Yellowstone National Park from the 'Park Unit' selector. Note that units can refer to any park unit including the parks and other offices and programs. By definition, a reference is linked to a unit if it contains information explicitly about that unit (e.g., contains information for that unit). Thus, selecting a unit initiates a search for information specific to the respective park unit.

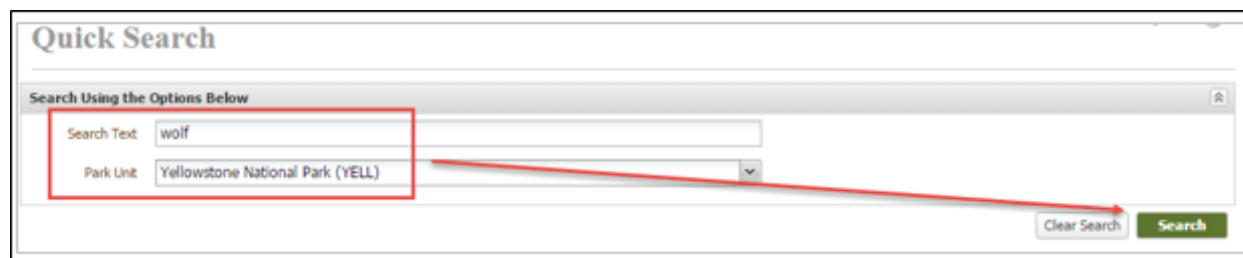
The screenshot shows the 'Quick Search' header. Below it is a grey bar with the text 'Search Using the Options Below'. Underneath this bar are two fields: 'Search Text' with 'wolf' and 'Park Unit' with 'Yellowstone National Park (YELL)'. A red rectangle highlights both fields. A red arrow points from the 'Park Unit' dropdown menu to the 'Search' button. The 'Search' button is green and located at the bottom right of the search area. There is also a 'Clear Search' button next to it.

Image 3: Depicts the user entering a secondary search field.

Step 3: View Search Results

Search results are displayed in a grid.

¹ The specific fields and other search logic are described in the Search Technical Documentation.

Quick Search

Click to Expand Search Panel

ADD selected to a Collection | Download All

File Count	Code	Type	Title	Date of Issue
3	2193104	Journal Article	A survey of the effects of wolf predation risk on pregnancy rates and calf recruitment in elk	12/01/2011
3	2188512	Journal Article	Songbird response to increased willow (<i>Salix spp.</i>) growth in Yellowstone's northern range	09/01/2011
2	2180871	Journal Article	Are wolves saving Yellowstone's aspen? A landscape-level test of a behaviorally mediated trophic cascade	01/01/2010
2	2209849	Journal Article	Body condition and pregnancy in northern Yellowstone elk : evidence for predation-risk effects?	01/01/2011
2	2176341	Journal Article	Contrasting Effects of Wolves and Human Hunters on Elk Behavioral Responses to Predation Risk	04/01/2009
2	2219881	Journal Article	Divergent patterns of riparian cottonwood recovery after the return of wolves in Yellowstone, USA	01/01/2015
2	2215787	Journal Article	Ecosystem scale declines in elk recruitment and population growth with wolf colonization : a before-after-co...	07/01/2014
2	2178967	Journal Article	Influences of wolves and high-elevation dispersion on reproductive success of pronghorn (<i>Antilocapra ameri...</i>	06/01/2010
2	2188221	Journal Article	Migration of northern Yellowstone elk: implications of spatial structuring	08/01/2010
2	2178959	Journal Article	Persistence of canine distemper virus in the Greater Yellowstone Ecosystem's carnivore community	10/01/2010
2	660724	Journal Article	The Anatomy of Predator-Prey Dynamics in a Changing Climate	11/01/2007
2	11608	Journal Article	Aspen, Elk, and Fire in Northern Yellowstone Park	10/01/1995
2	663114	Unpublished Report	Bighorn Sheep Demography Following Wolf Reintroduction: Communication to Wildlife Biology	01/01/2006
2	652092	Published Report	Brucellosis and Yellowstone Bison in Montana	01/01/1995

Page 1 of 21 | Records per Page: 25 | Displaying 1 - 25 of 519

Image 4: An example of the search results.

In this case, there are 519 records² that meet the defined search criteria (see lower right). You will see the following column headers for your search results:

- **File Count** -This shows the number of available files/links to access the information resource. In many cases, there is one file per reference to download. However, there are many other cases where there is more than one file.³
- **Code** - A unique identifier for each reference. You can click on the code to view the reference profile which will provide you with more information about the information resource. In later modules, you will learn that you can search by this code.
- **Type** - The type of information being described. For instance, the top records you see here are describing journal articles.
- **Title** - The title of the information resource
- **Date of Issue** - The date the information resource was officially published or created.

² Note that your count may be more or less than this depending on your permissions and whether new information has been added.

³ For example, a large report may be broken into sections.

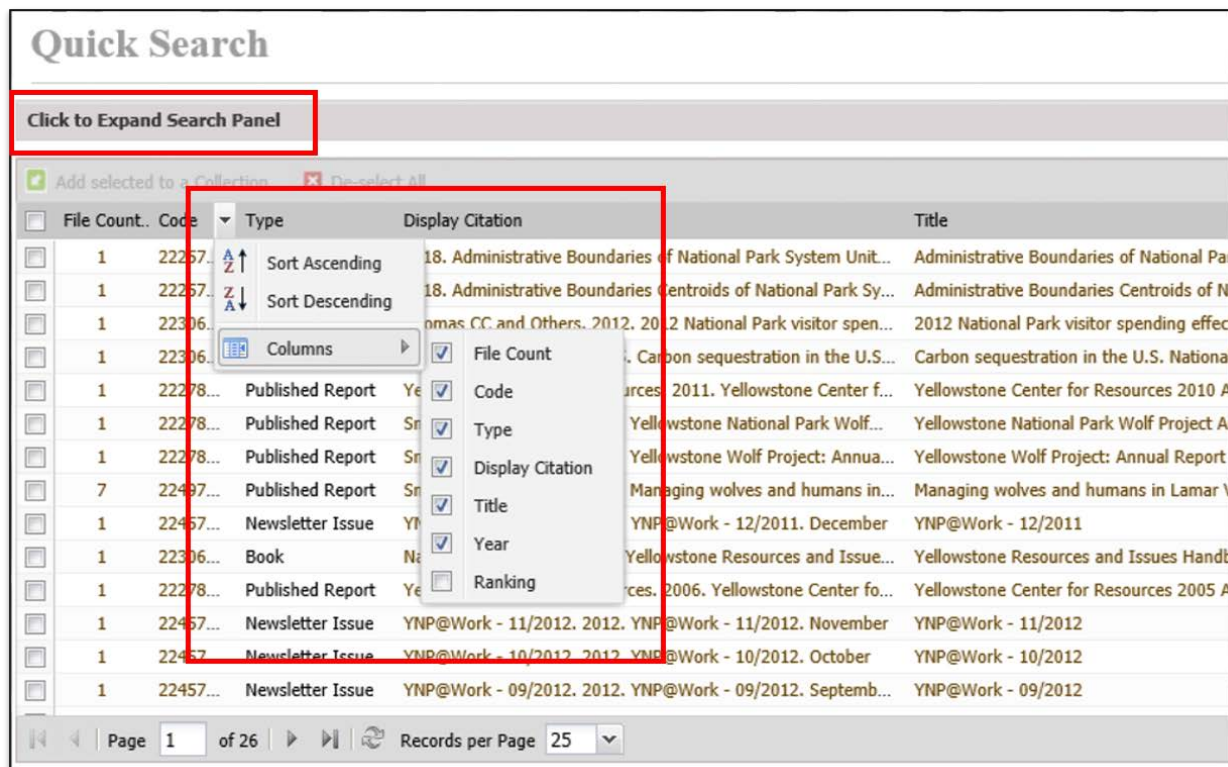


Image 5: Data Store has the ability to sort and choose columns. To view the search criteria click expand the search panel.

Note that columns can also be sorted and hidden. Finally, if you are not satisfied with your search results, you can click on the search panel (above your search results) to refine your search criteria.

Step 4: Download File(s) / Access Links

There are three possible types of files/links a specific reference may have:

1. **Digital** - A digital file uploaded to the Data Store. Digital files are managed by the Data Store thus ensuring appropriate and reliable access.
2. **External** - A link to the information resource. Generally, this is directly to a file although sometimes it is just a web page. Note that the Data Store has no control over whether the links are valid and whether a file is still available.
3. **Web Service** - Web and map services (for advanced users).⁴

To get additional information about the file/link, you can click on the '?' icon:

⁴ If you are unfamiliar with web services, just ignore these links.

Published Report - (Code: 2227885)

Title Yellowstone National Park Wolf Project Annual Report 2013

Description Executive Summary
There were at least 95 wolves in 10 packs and one group (8 breeding pairs) living primarily in Yellowstone National Park during December 2013. These totals are slightly higher than reported in 2012, but similar to previous years when about 100 wolves were counted. Wolf numbers have decreased by about 45% since 2003 when the population estimate was 172. This is likely due to fewer elk in the ecosystem. Wolf numbers decreased less in the interior of the park than in northern Yellowstone, likely due to supplemental feeding on bison by those packs. State-managed wolf hunts during 2013 did not significantly affect wolves primarily living in the park and the occurrence of ...more

Full Citation Smith DW and Others. 2014. Yellowstone National Park Wolf Project Annual Report 2013. YCR-2014-2. National Park Service, Yellowstone Center for Resources. Yellowstone National Park, Wyoming, USA.

Digital Resource Information

- File Name: Wolves_2013.pdf
- File Size: 16.5 MB
- Extension: pdf
- Access Level: Public - Full access to the public and NPS staff
- Download Link: <https://irma.nps.gov/DataStore/DownloadFile/547016>

[click here for more info](#)

File Name	Download Link	Description
Wolves_2013.pdf	https://irma.nps.gov/DataStore/DownloadFile/547016	

Image 6: Finding additional information about the file is easy. Click on the '?' for details.

Refining Your Search

If you get more than a couple hundred records in a search, you may want to consider refining your search criteria. Likewise, if you don't find what you are looking for, you may want to try other words or phrases or broaden your search to include other park units. The following sections give you tips on how to refine your search and will show that the Quick Search, while rather simple, is fairly advanced in what can be done.

Add Quotes

If you add quotes around a phrase, then the search will look for that specific phrase.

Search Using the Options Below

Search Text: "big bad wolf" x

Unit: Yellowstone National Park (YELL) v

Clear Search Search

Image 7: Refine your search by using quotation marks around a phrase.

Use AND, OR and Parentheses

If you just type in words, they will be intersected on search. For instance, the following will search for references that contain the words elk and moose:

Search Using the Options Below

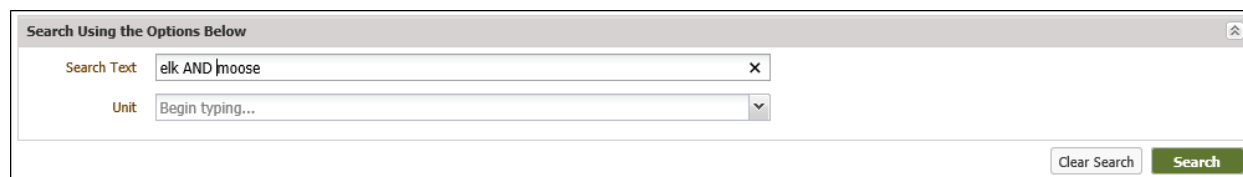
Search Text: elk moose x

Unit: Begin typing... v

Clear Search Search

Image 8: No need to use the AND operator just leave a space.

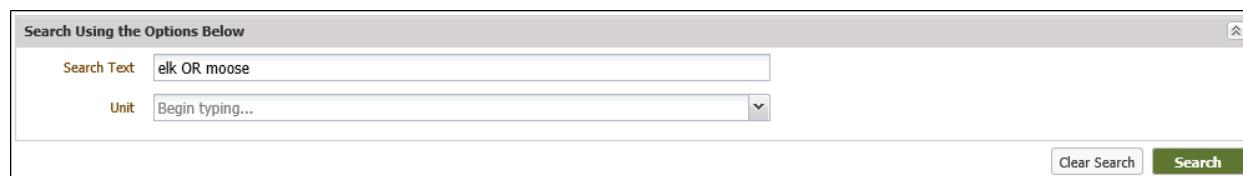
Is the same as:



The screenshot shows a search interface titled "Search Using the Options Below". It has a "Search Text" field containing "elk AND moose" and a "Unit" dropdown menu set to "Begin typing...". There are "Clear Search" and "Search" buttons at the bottom right.

Image 9: Use the AND operator to narrow a search.

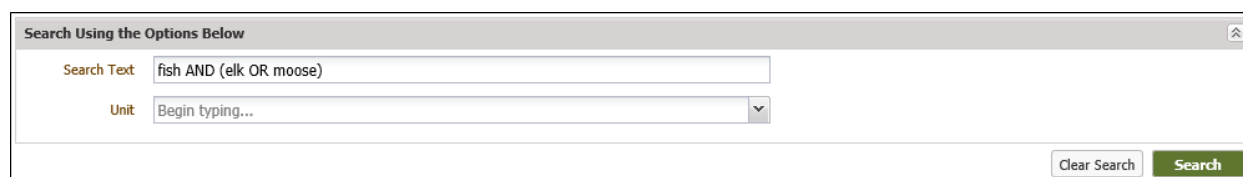
To broaden a search, use 'OR' between the words. For example:



The screenshot shows the same search interface as Image 9, but the "Search Text" field now contains "elk OR moose".

Image 10: Use the OR operator to broaden a search.

Finally, if you want to get even more advanced, search for all records containing the word fish and either the word elk or moose.

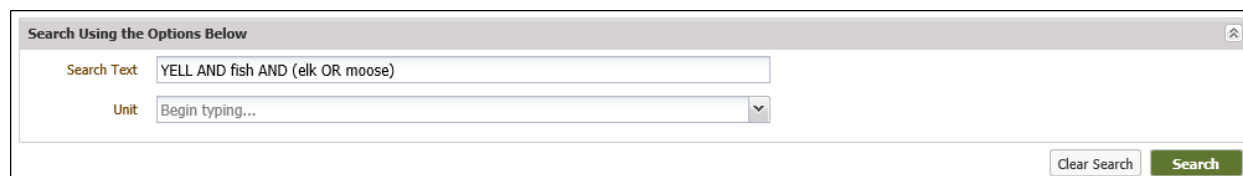


The screenshot shows the search interface with the "Search Text" field containing "fish AND (elk OR moose)".

Image 11: Use a combination of the Boolean operators to search.

Using the Unit Code(s) (in the text field)

In most cases⁵, you can even put the unit codes (i.e., short acronyms representing each park⁶) in the text field and get reliable results.



The screenshot shows the search interface with the "Search Text" field containing "YELL AND fish AND (elk OR moose)".

Image 12: Use a park unit code to even further narrow a set of search results.

⁵ This way of searching is compromised when the unit codes are common words in the English language (e.g., LAVA).

⁶ YELL = Yellowstone; BIBE = Big Bend, etc.