Search Technical Documentation

Additional technical documentation about Data Store searches.

Quick Search: Fields Searched

The 'Search Text' will search multiple fields within Data Store including:

- Title
- Display Citation
- Description
- Notes
- Contacts
- Table of Contents
- Purpose
- Producing Units
- Content Units
- Freeform keywords
- Vocabularies and Terms

Additional Criteria for the Quick Search

The Quick Search will only return references that are:

- **Active** - draft and inactive references are never accessible this way
- **Current** - Older versions are excluded

Search Results Ranking Logic

Records returned from the Quick or Advanced search are sorted based on a calculation that ranks the reference between 0 and 10,000. In the below table, each criterion is evaluated and the numbers in the Weight column are summed to calculate the reference's rank. References are displayed in order of descending rank.

Criteria	Value	Weight	Purpose
Created by/for the NPS	1 if True, 0 if False	3000 * value	Most consumers, particularly the public, are far more interested in content created by the NPS
Has at least one file or link	1 if True; 0 if False	2000 * value	If is preferable to show references where it is possible to access the files directly.
Has DOI	1 if True; 0 if False	2000 * value	
Publication Year	Year	Year (e.g., 2023)	Recent publications are displayed first.

Criteria	Value	Weight	Purpose
Count of file downloads in the last two years	Ratio: (2-Year File Download Count) / Max 2-Year File Download Count)	1200* ratio	The more frequently people download the files associated with the reference is indicative of its value and relevance.
Count of reference profile views within the last two years	Ratio: (2-Year Count of Reference Profile Views) / Max 2-Year Count of Reference Profile Views	1200 * ratio	The more frequently people view the reference profile is indicative of its value and relevance.
Count of collections reference belongs to	Ratio: (Collections reference belongs to) / (Max collections any reference belongs to)	500 * ratio	The more collections a reference belongs to is indicative of its value and relevance.