

16.9 Tip Sheet: Why didn't I get the expected data in my GWSI retrieval in NWIS 4.4 and beyond?

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- ❖ In NWIS 4.4, the default retrieval will restrict the output results to those that are identified as web-ready. This applies to all web-ready flags. This new restriction option was implemented to satisfy security concerns to keep sensitive data from being inadvertently released.
- ❖ A new option (option 7) was added to the 'Current limitation to site selection' option list:

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*****GWSI Retrieval Restrictions Have Been Implemented.*****
*****Please review Option 7 below.*****

Current limitations to site selection -

(1) Polygon: Sites are not restricted by latitude-longitude polygon
(2) Detail tests: Sites are not restricted by detail testing
(3) Site types to be included: (SP) Spring
                             (GW) Ground water other than spring
(4) Maximum number of sites to retrieve by gross select (0=no limit): 0
(5) Max no sites to pass polygon, detail & type tests (0=no limit): 0
(6) Maximum number of records to output for tabling (0=no limit): 0
(7) Retrieval restriction options: A) Exclude Sites/Data Not Available on Web

Enter item number to change, R to re-list items or <CR> to continue:
```

- ❖ Several restriction options are available if you need to change the default setting:

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Enter item number to change, R to re-list items or <CR> to continue: 7
Enter restriction options (<CR>=ALL Restrictions): ?
Restriction options are (-,P,L,N,A):

-) No Exclusions, Retrieve All Sites/Data
P) Exclude Proprietary Sites/Data
L) Exclude Local Use Sites/Data
N) Exclude Sites/Data Failing Checks
A) Exclude Sites/Data Not Available on Web

You may enter more than one exclusion option.

Enter restriction options (<CR>=ALL Restrictions):
```

Note: Choosing the '-' (dash), No Exclusions, option will return the traditional output.

- ❖ The default setting - option A - limits output to those values which have a web-ready flag that indicates it is ready for public display. This applies to all web-ready flags, not just the Sitefile web-ready flag. **Option A applies all restrictions to a retrieval.**
- ❖ A web-ready flag is controlled by whether or not the data are proprietary, local use, or have passed data checks.
- ❖ Water-quality data that are retrieved through GWSI will also be subject to any retrieval restrictions related to the [Data Quality Indicator \(DQI\)](#).

- ❖ Control files from previous versions of NWIS will work, but will use the default option A. This means that these files may result in unexpected output.
- ❖ More than one restriction option may be entered. This allows users to combine the middle three options (L, P, and N) in any combination desired.