Drought Assessment - Spring 2017

This is a summary of conditions evaluated in early March 2017. For watersheds with probability of drought warning flow > 35%, a detailed summary will be provided. Including:

* Current total mean daily SW withdrawal in watershed
* 7Q10 estimate in watershed, ALF estimate in watershed, 2002 mean daily flow in September
* Table of users in watershed,
  + current mean daily SW withdrawal
  + Known reservoir storage total by watershed

|  |
| --- |
| x |
| VA usgs\_01654500 58586 drought\_status\_mllr 2021 0.99496165058199 |
| VA usgs\_01669520 58600 drought\_status\_mllr 2021 0.3492847803983 |
| VA usgs\_02047500 58665 drought\_status\_mllr 2021 0.18025511839587 |
| VA usgs\_02037000 58650 drought\_status\_mllr 2021 0.17371188524887 |
| VA usgs\_01643880 58575 drought\_status\_mllr 2021 0.15433167207221 |
| VA usgs\_02072000 58695 drought\_status\_mllr 2021 0.15105628003119 |
| VA usgs\_01638420 58570 drought\_status\_mllr 2021 0.1387988317876 |
| VA usgs\_03529500 58736 drought\_status\_mllr 2021 0.13274811580435 |
| VA usgs\_02011470 58614 drought\_status\_mllr 2021 0.12926084414044 |
| VA usgs\_03531500 58737 drought\_status\_mllr 2021 0.11108538088012 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | Std. Error | t value | Pr(>|t|) |
| (Intercept) | 0.03 | 0.1 | 0.28 | 0.78 |
| x | 1.97 | 0.1 | 18.85 | 0.00 |