

Office Hours with an Agronomist

Meaghan Anderson

Extension Field Agronomist

Phone: 319-331-0058

E-mail: mjanders@iastate.edu

Twitter: @mjanders1



Identifying weeds

- Use the tools available to you
 - Knowledgeable people
 - Weed ID Guides
 - iNaturalist app
- <https://crops.extension.iastate.edu/blog/bob-hartzler-meaghan-anderson/inaturalist-confessions-skeptic>

17:15


[← Details](#)


WE'RE NOT CONFIDENT ENOUGH TO MAKE A RECOMMENDATION, BUT HERE ARE OUR TOP 10 SUGGESTIONS.


Mountain Lion
Puma concolor
[Visually Similar](#)

Striped Skunk
Mephitis mephitis
[Visually Similar](#)

Western Spotted Skunk
Spilogale gracilis
[Visually Similar](#)

Coyote
Canis latrans
[Visually Similar](#)

Ringtail
Bassariscus astutus
[Visually Similar](#)

Eastern Cottontail
iNaturalist
[+ Add](#)
[✕ Remove](#)
[↔ Combine](#)
 [Select All](#)

Editing 1 observation:

Details





We're pretty sure this is in the genus:


Geraniums and Cranesbills
Genus Geranium
[View](#)


Des

Here are our top species suggestions:


Carolina Crane's-Bill
Geranium carolinianum
[Visually Similar](#)
[View](#)

Loc


Cut-leaved Crane's-Bill
Geranium dissectum
[Visually Similar](#)
[View](#)
 Ca

 Ta

 Pr

 Fi

Small-flowered Crane's-Bill
Geranium pusillum
[Visually Similar](#)
[View](#)

Winecup Mallow
Callirhoe involucrata
[Visually Similar](#)
[View](#)

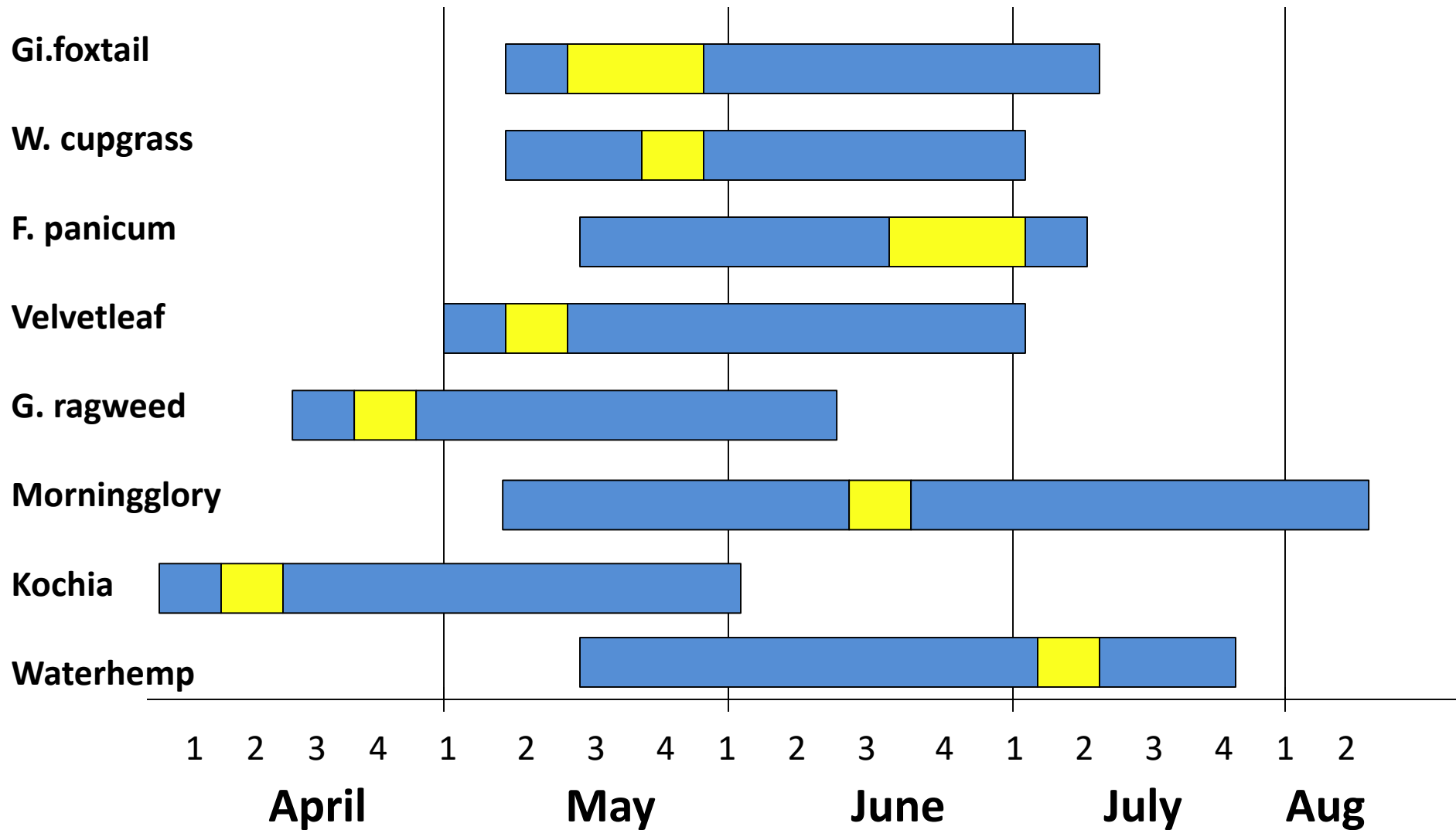
Wild Geranium
Geranium maculatum
[Visually Similar](#)
[View](#)

Meadow Buttercup
Ranunculus acris
[Visually Similar](#)
[View](#)

Meadow Crane's-Bill
Geranium pratense
[Visually Similar](#)
[View](#)

Silverleaf Cinquefoil
Potentilla argentea
[View](#)


Weed Emergence Patterns.



Where to Start

Grass or Broadleaf



Identifying the mystery grass



Patch of weedy grass

Noticed red bases of stems

What do I do to ID it?

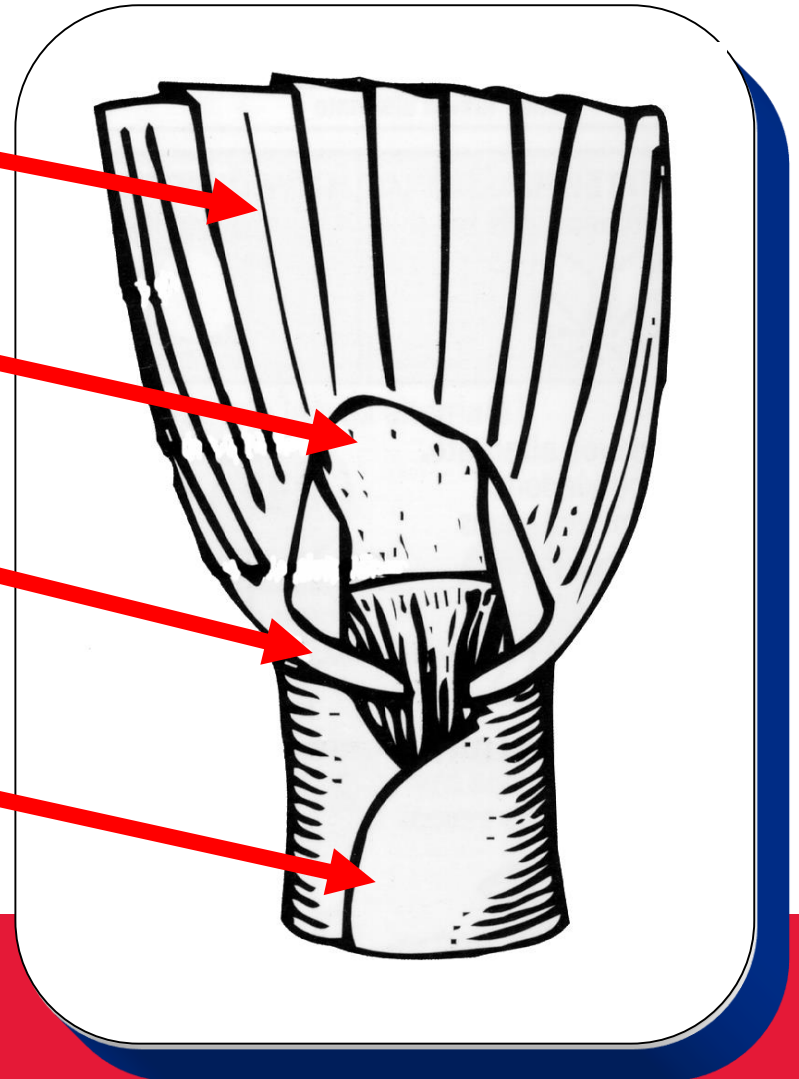
Grass morphology

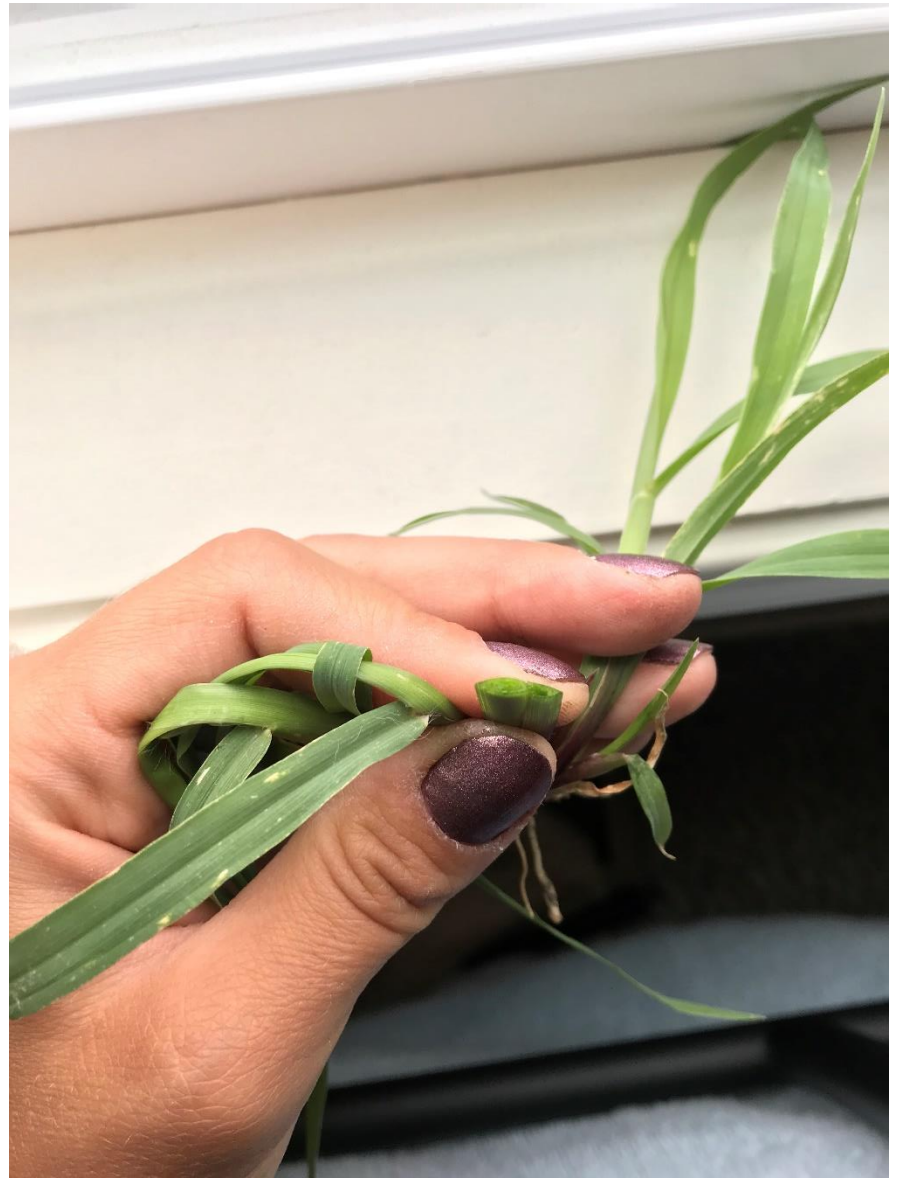
Blade

Ligule

Auricles

Sheath





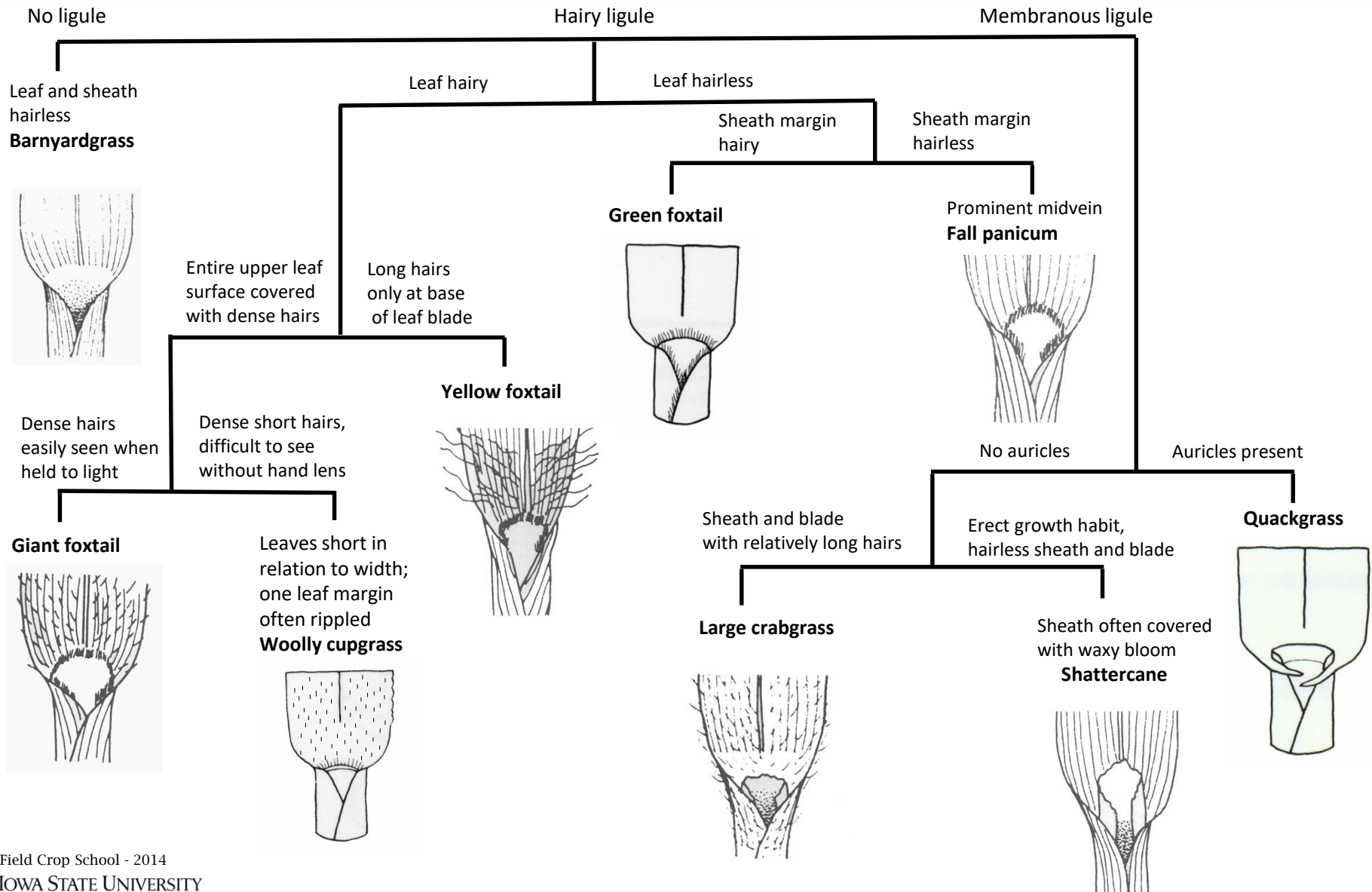
IOWA STATE UNIVERSITY
Extension and Outreach



Long, sparse hairs on
leaves

Hairy ligule

Grass ID Key



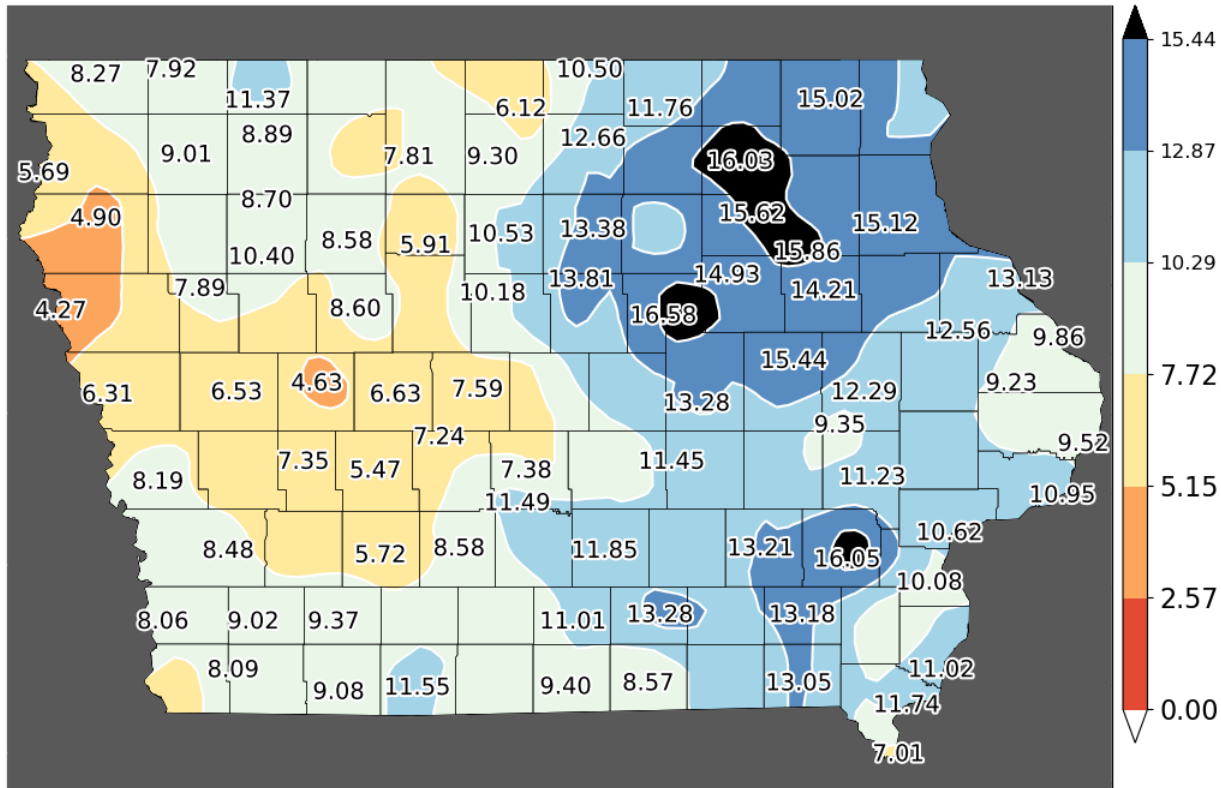




What have you been seeing this year?



20 Apr 2020 - 29 Jun 2020 Precipitation Total [inch]

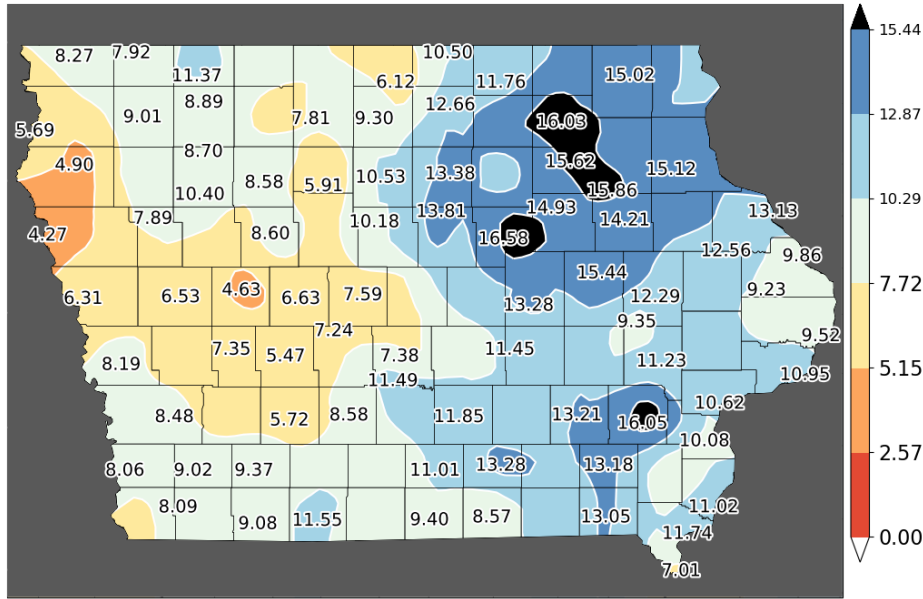


Iowa Environmental Mesonet :: generated 29 June 2020 02:35 PM
Generated at 29 Jun 2020 2:35 PM CDT in 3.85s

data units :: inch
IEM Autoplot App #97



20 Apr 2020 - 29 Jun 2020 Precipitation Total [inch]



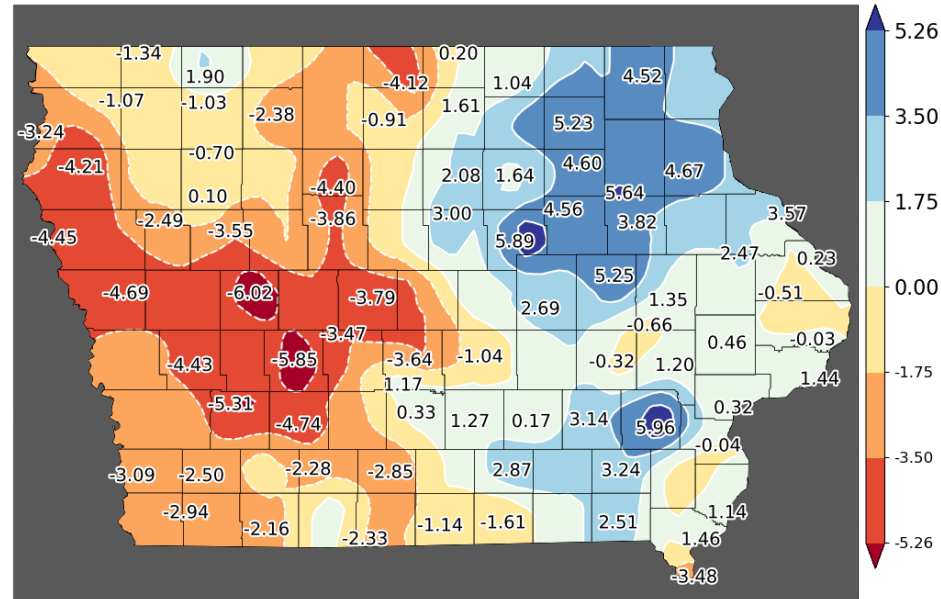
Iowa Environmental Mesonet :: generated 29 June 2020 02:35 PM
Generated at 29 Jun 2020 2:35 PM CDT in 3.85s

data units :: inch
IEM Autoplot App #97



20 Apr 2020 - 29 Jun 2020 Precipitation Departure [inch]

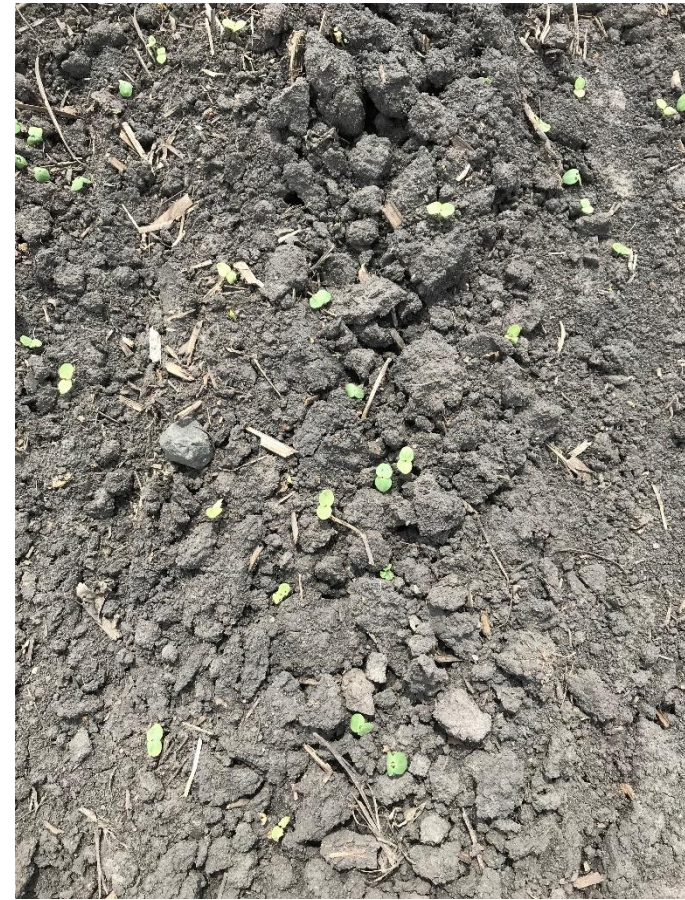
2020 is compared with 1951-2019 Climatology to compute departures



Iowa Environmental Mesonet :: generated 29 June 2020 02:44 PM
Generated at 29 Jun 2020 2:44 PM CDT in 3.32s

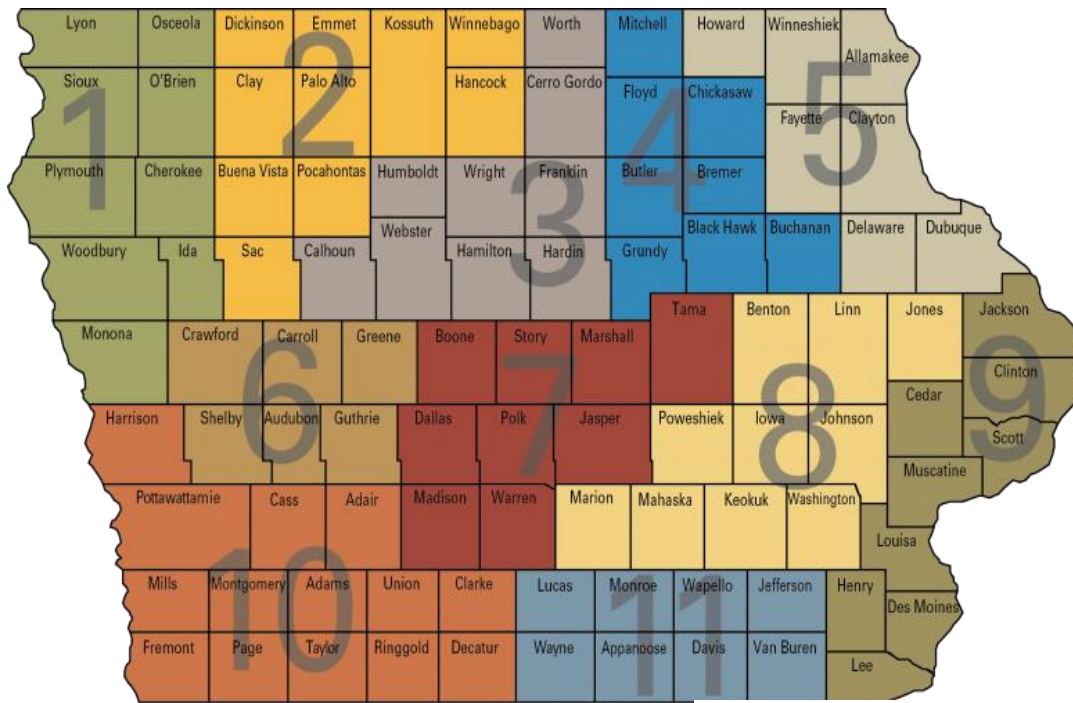
data units :: inch
IEM Autoplot App #97

What have you been seeing this year?



What have you been seeing this year?





3
Angie Rieck-Hinz
 Wright County office
 210 1st Street SW
 Clarion, IA 50525
 Office (515) 532-3453
 Mobile (515) 231-2830
 amriec@iastate.edu
 @nciacrops



4
Terry Basol
 Borlaug Learning Center
 3327 290th Street
 Nashua, IA 50658
 Office (641) 435-4864
 Mobile (641) 426-6801
 tlbazol@iastate.edu



5
Brian Lang
 Winneshiek County office
 325 Washington St, Suite B
 Decorah, IA 52101
 Office (563) 382-2949
 Mobile (563) 387-7058
 bjlang@iastate.edu



1
Joel DeJong
 Plymouth County office
 251 12th St SE
 LeMars, IA 51031
 Office (712) 546-7835
 Mobile (712) 540-1085
 jldejong@iastate.edu
 @joel_dejong



2
Paul Kassel
 Clay County office
 110 W. 4th St.
 Spencer, IA 51301
 Office (712) 262-2264
 Mobile (712) 260-3389
 kassel@iastate.edu
 @PaulKassel



6
Mike Witt
 Guthrie County office
 212 State Street
 Guthrie Center, IA 50115
 Office (641) 747-2276
 Mobile (641) 430-2600
 witt@iastate.edu



7
Meaghan Anderson
 Story County office
 220 H Avenue, Box 118
 Nevada, IA 50201
 Office (515) 382-6551
 Mobile (319) 331-0058
 mjanders@iastate.edu
 @mjanders1



8
Rebecca Vittetoe
 Washington County office
 2223 250th St
 Washington, IA 52353
 Office (319) 653-4811
 Mobile (712) 540-3319
 rka8@iastate.edu
 @rkvittetoe



9
Virgil Schmitt
 Muscatine County office
 1601 Plaza Place
 Muscatine, IA 52761
 Office (563) 263-5701
 Mobile (563) 260-3721
 vschmitt@iastate.edu
 @VirgilSchmitt



10
Aaron Saeugling
 Armstrong Farm
 53020 Hitchcock Ave.
 Lewis, IA 51544
 Office (712) 769-2650
 Mobile (641) 344-5704
 clonz5@iastate.edu



Josh Michel
 Louisa County office
 317 Van Buren
 Wapello, IA 52653
 Mobile (319) 523-2371
 jjmichel@iastate.edu
 @jjmichel_crops