



IOWA DEPARTMENT OF NATURAL RESOURCES

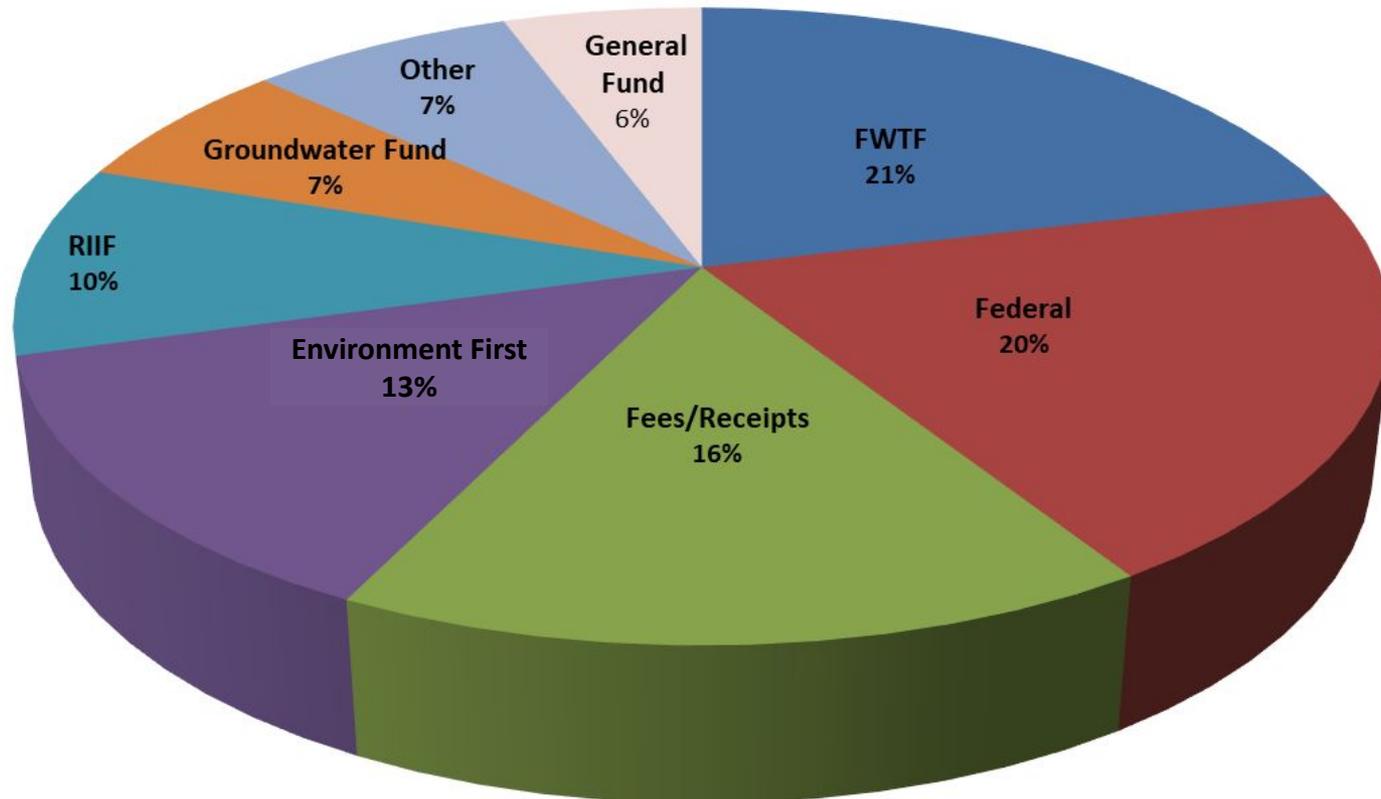
LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

FY22 Budget Presentation
Director Kayla Lyon

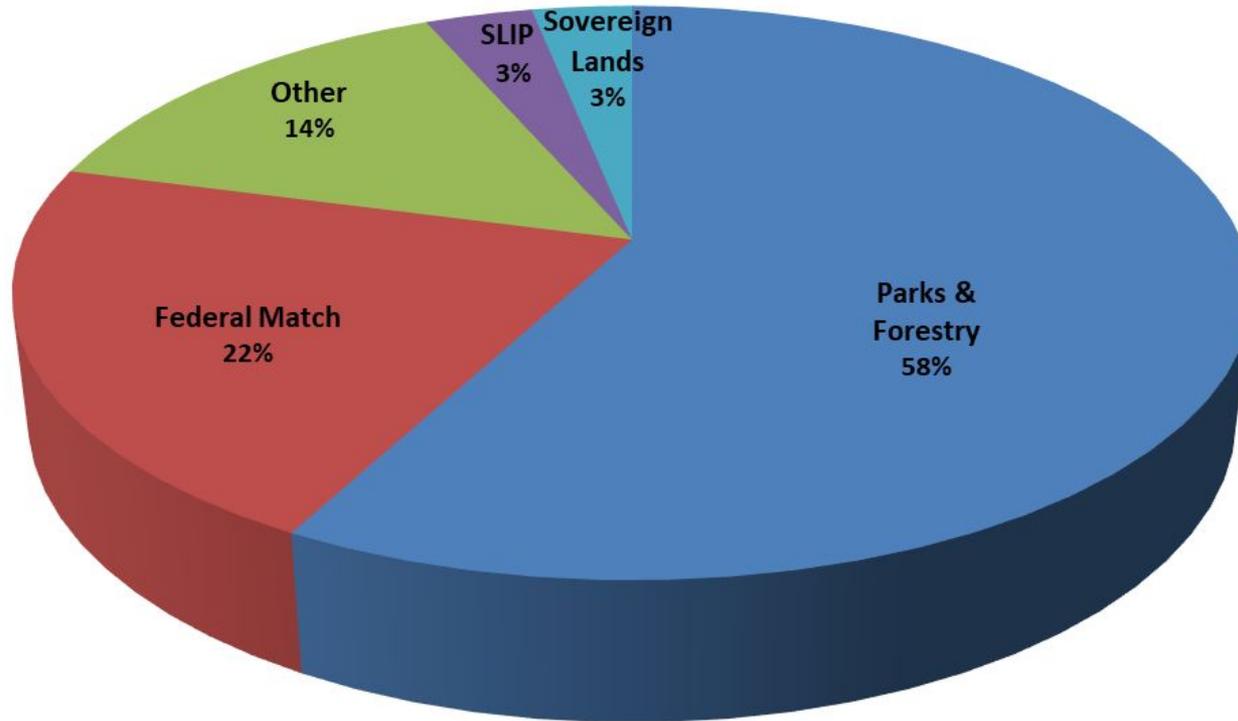
FY 2023 Governor's Budget

APPROPRIATION NAME	FY 22 Appropriation	FY 23 Governor's Budget	Increase/ (Decrease)
GENERAL FUND			
Department Operations	\$12,093,061	\$12,093,061	\$0
State Park Operations	\$1,000,000	\$1,000,000	\$0
Floodplain Management	\$1,510,000	\$1,510,000	\$0
Forestry Health Management	\$500,000	\$500,000	\$0
Total General Fund	\$15,103,061	\$15,103,061	\$0
ENVIRONMENT FIRST			
Resource Enhancement and Protection	\$12,000,000	\$12,000,000	\$0
Ambient Air Quality Monitoring	\$425,000	\$425,000	\$0
Water Quality Monitoring	\$2,955,000	\$2,955,000	\$0
GIS Data for Watershed Managers	\$195,000	\$195,000	\$0
Park Operations and Maintenance	\$6,235,000	\$6,235,000	\$0
Floodplain Management	\$375,000	\$375,000	\$0
Animal Feeding Operations	\$1,320,000	\$1,320,000	\$0
Water Supply Appropriation	\$500,000	\$500,000	\$0
Total Environment First Fund	\$24,005,000	\$24,005,000	\$0
NON-GENERAL FUND			
Fish and Wildlife Operations	\$47,541,987	\$47,541,987	\$0
Groundwater Fund	\$3,455,832	\$3,455,832	\$0
UST Administration Match	\$200,000	\$200,000	\$0
UST Fund Technical Assistance	\$200,000	\$200,000	\$0
Snowmobile Transfer to Fish and Wildlife	\$100,000	\$100,000	\$0
Total Non General Funds	\$51,497,819	\$51,497,819	\$0
INFRASTRUCTURE			
Lake Water Quality Improvements	\$9,600,000	\$9,600,000	\$0
Water Trails/Lowhead Dam	\$1,000,000	\$1,000,000	\$0
Park Infrastructure Improvements	\$2,000,000	\$4,000,000	\$2,000,000
Community Forestry Grant Program	\$250,000	\$0	(\$250,000)
Ft. Atkinson	\$100,000	\$0	(\$100,000)
On-Stream Impoundment	\$500,000	\$0	(\$500,000)
County Park Improvement	\$150,000	\$0	(\$150,000)
Total Rebuild Iowa Infrastructure Fund	\$13,600,000	\$14,600,000	\$1,000,000
TOTAL DEPARTMENT APPROPRIATION	\$104,205,880	\$105,205,880	\$1,000,000

Expenditures by Funding Sources



DNR State General Fund Allocations



Welcome Back to Iowa State Parks in 2021

- After a busy 2020, Iowa state parks and forests experienced **even higher** visitation in 2021.
- **20,000 increase** in camping nights in 2021.
- State parks continued to provide outstanding outdoor recreation opportunities and customer service.

State Parks and Forests	2020	2021
Camping Nights	958,206	978,583
Overall Visitation	16,951,551	17,094,464

Iowa State Park Passport – Partnership with Travel Iowa to encourage visitation to Iowa state parks

- 4,944 sign-ups in 2021 (21,986 over lifetime of passport)
- 13,351 check-ins in 2021 (43,137 over lifetime of passport)
- Private/public partnership with AARP providing prizes



Iowa Investment in State Parks

In 2021, the Iowa Legislature appropriated \$1 million for park improvements.

- New **wayfinding signage** in state parks launched in 2021.
- New entry portal signs for all parks (installation to be completed in 2022), along with sign systems in 12 parks.
- **Trail improvements** in 9 parks in 2021/2022, including stone steps, railroad ties, erosion control and other hazards.
- Parking Lot Study



Dynamic Pricing in State Parks and Forests

New tiered pricing structure for campgrounds launched February 1, 2021.

- High season and low season rates.
- Rates stayed the same at lowest occupancy parks while increasing at highly visited parks to help with services.

Special promotions benefit campers and encourage stays in the off-season or mid-week; visits to lesser-used parks; and welcome back campers.

- Six campaigns with various “sale specials” including BOGO, 20 percent off winter cabin stays, \$5.00 off for returning campers, and free night during mid-week stays.
- More than **900 promo codes** redeemed by campers from the six campaigns, for \$70,000 in revenue.



Come back to Iowa state parks in 2021!

Get \$5.00 off your stay with PromoCode: **Welcome21**

Iowa state parks hope you enjoyed your camping stay last year, and we want to welcome you back!

Stay in any Iowa state park campground through October 31, 2021 and save \$5.00! Just use PromoCode **Welcome21** at check out when you [make a reservation](#).

Hurry, campgrounds are filling up fast! Reserve today and enjoy Iowa state parks.

[Save with PromoCode Welcome21 >](#)

\$5.00 discount available only for online reservations of Iowa state park campsites until October 31, 2021. Does not apply to youth group campsites or cabins.

State Forest Nursery

- **1 million trees sold** in 2021, the most in 5 years.
 - Derecho helped drive demand, along with rebound after 2020.
 - On pace for another high sales season in 21/22.
- In 2021, the State Forest Nursery replaced old, outdated equipment, **vastly increasing safety and efficiency** for employees.
 - New HVAC and air filtration system, along with safety features.
 - Original equipment from 1974.
 - **Funding Source: REAP Open Spaces**
- Iowa State NREM Program Partnership



Hunting and Fishing Outdoor Recreation Still Strong

2021 License Sales:

- 142,820 hunting licenses (includes annual, combos, short-term, lifetime)
- 297,944 fishing licenses (includes annual, combos, short-term, lifetime)

Trout Stamp

- 46,568 trout stamps

Deer Tags

- 254,629 deer tags sold across all seasons
- 54,427 landowner tenant tags

Turkey Tags

- 56,627 turkey tags sold across all seasons

New in 2022! Lifetime Trout for Seniors Aged 65 and Older

- 470 sold so far in 2022



Outdoor Skills Programs

Hunter Education in Schools

- Working with hunter ed instructors to expand into 48 junior high and high schools.

Outdoor Skills Series for Educators

- Launching new continuing education series for teachers through online and in-person courses, with graduate credit available

Outdoor Skills for You and the Family

- Events nearly every week
- Virtual and in person
- Learn new skills



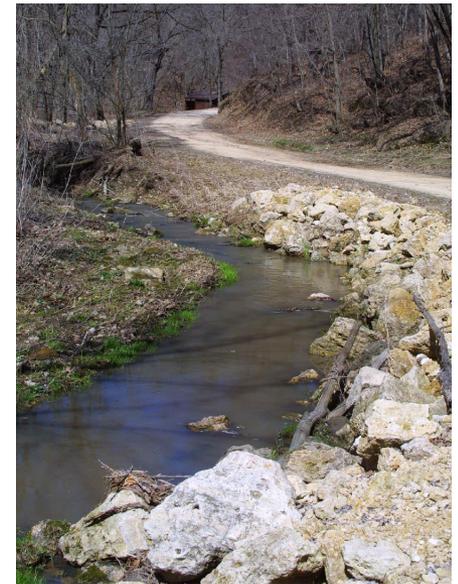
Water Quality Efforts - Trout Streams

- **61 trout streams** in Iowa are naturally-reproducing for trout, up from 6 in 1980
- **88 streams** showing signs of natural reproduction.

Why It Matters

- In the last 25 years, landowners and partner organizations have **created buffer strips, reduced streambank erosion and developed habitat** around Iowa's coldwater streams.

These efforts **keep streams cleaner** and make it easier for trout to reproduce and sustain populations. Thriving trout also draw anglers to northeast Iowa and help local economies.



Water Quality Efforts - Farmers Creek

- **Farmers Creek in Jackson County** is a candidate to be removed from the impaired waters list.
- With **31,000 acres** in its watershed, nearly 14,000 tons of sediment reached the creek every year.
 - Two fish kills
 - Decline in aquatic life
- Local watershed projects reduced sediment by 40 percent **with marked improvements in aquatic life**. Examples include buffer strips and streambank stabilization.
- Partners included local landowners, Jackson County Soil and Water Conservation District, Iowa Dept. of Agriculture and Land Stewardship, USDA-NRCS, and EPA.



Water Quality Efforts - Tyson Foods, Perry Iowa

- Tyson Foods in Perry is one of the **first Iowa industries to install and operate nutrient removal technology**, significantly reducing phosphorus in its wastewater.
- Iowa's largest wastewater treatment facilities (53 industries and 107 communities) have set a goal of reducing:
 - phosphorus by **75 percent**, and
 - nitrogen by **66 percent**.
- This effort helps meet the Nutrient Reduction Strategy and provide cleaner water to Iowans.



Drought Monitoring - Iowa Water Summary

DNR collaborates to provide regular updates on drought conditions in Iowa, communicating impacts with stakeholders and Iowans.

Partners:

- Iowa Dept. of Agriculture and Land Stewardship
- U.S. Geological Survey
- Iowa Homeland Security and Emergency Management Division



IOWA DEPARTMENT OF NATURAL RESOURCES
EcoNewsWire
Environmental Services

FOR IMMEDIATE RELEASE
Nov. 4, 2021

- [Significant October rainfall improves Iowa drought conditions](#)
- [Air Quality, permits under review](#)

Significant October rainfall improves Iowa drought conditions

MEDIA CONTACT: Tim Hall, Iowa DNR, 515-452-6633 or Tim.Hall@dnr.iowa.gov.

DES MOINES —This October ranks as one of the top 10 wettest Octobers on record, with rainfall significantly improving drought conditions, according to the latest Water Summary Update.

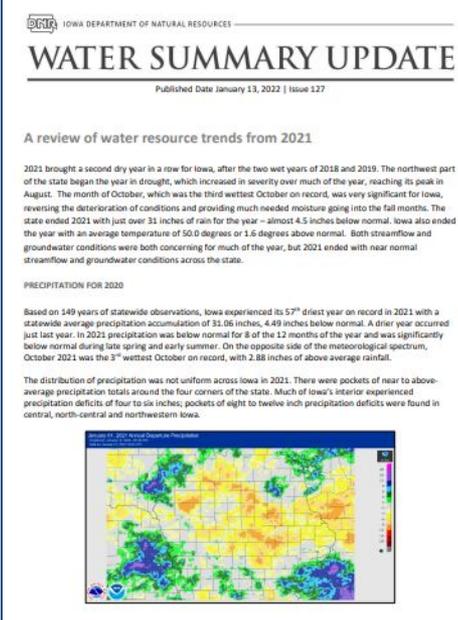
Iowa received nearly 5 inches of rain in October, almost double the normal rainfall for the month. The U.S. Drought Monitor has eliminated the Severe Drought rating from the

have both improved, both of which are critical
ring of 2022.

October was just what was needed in Iowa,"
dinator for the Iowa DNR. "Good soaking
up for a much better start to 2022. Hopefully
six weeks."

ource trends, go to

aff from the Iowa DNR, the Iowa Department of
Hydroscience and Engineering and the U.S.
he Iowa Homeland Security and Emergency



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WATER SUMMARY UPDATE
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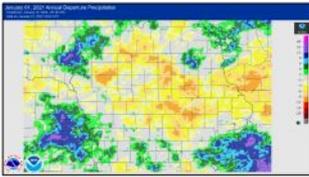
A review of water resource trends from 2021

2021 brought a second dry year in a row for Iowa, after the two wet years of 2018 and 2019. The northwest part of the state began the year in drought, which increased in severity over much of the year, reaching its peak in August. The month of October, which was the third wettest October on record, was very significant for Iowa, reversing the deterioration of conditions and providing much needed moisture going into the fall months. The state ended 2021 with just over 31 inches of rain for the year — almost 4.5 inches below normal. Iowa also ended the year with an average temperature of 50.0 degrees or 1.6 degrees above normal. Both streamflow and groundwater conditions were both concerning for much of the year, but 2021 ended with near normal streamflow and groundwater conditions across the state.

PRECIPITATION FOR 2020

Based on 149 years of statewide observations, Iowa experienced its 57th driest year on record in 2021 with a statewide average precipitation accumulation of 31.06 inches, 4.49 inches below normal. A drier year occurred just last year. In 2021 precipitation was below normal for 8 of the 12 months of the year and was significantly below normal during late spring and early summer. On the opposite side of the meteorological spectrum, October 2021 was the 3rd wettest October on record, with 2.88 inches of above average rainfall.

The distribution of precipitation was not uniform across Iowa in 2021. There were pockets of near to above-average precipitation totals around the four corners of the state. Much of Iowa's interior experienced precipitation deficits of four to six inches; pockets of eight to twelve inch precipitation deficits were found in central, north-central and northwestern Iowa.



20th Anniversary of Pollution Prevention Internship Program in 2021

Engineering interns from Iowa universities worked at **seven Iowa companies** to identify **\$1.5 million in environmental cost savings**.

- Students identified reduced water use, energy efficiency, decreased solid waste streams, and better management of hazardous materials.

Since 2001, the P2 Internship program has helped Iowa companies with **\$111.8 million** in environmental savings.

- Common projects address water use, HVAC systems, compressed air systems, motor efficiencies, waste streams, etc.



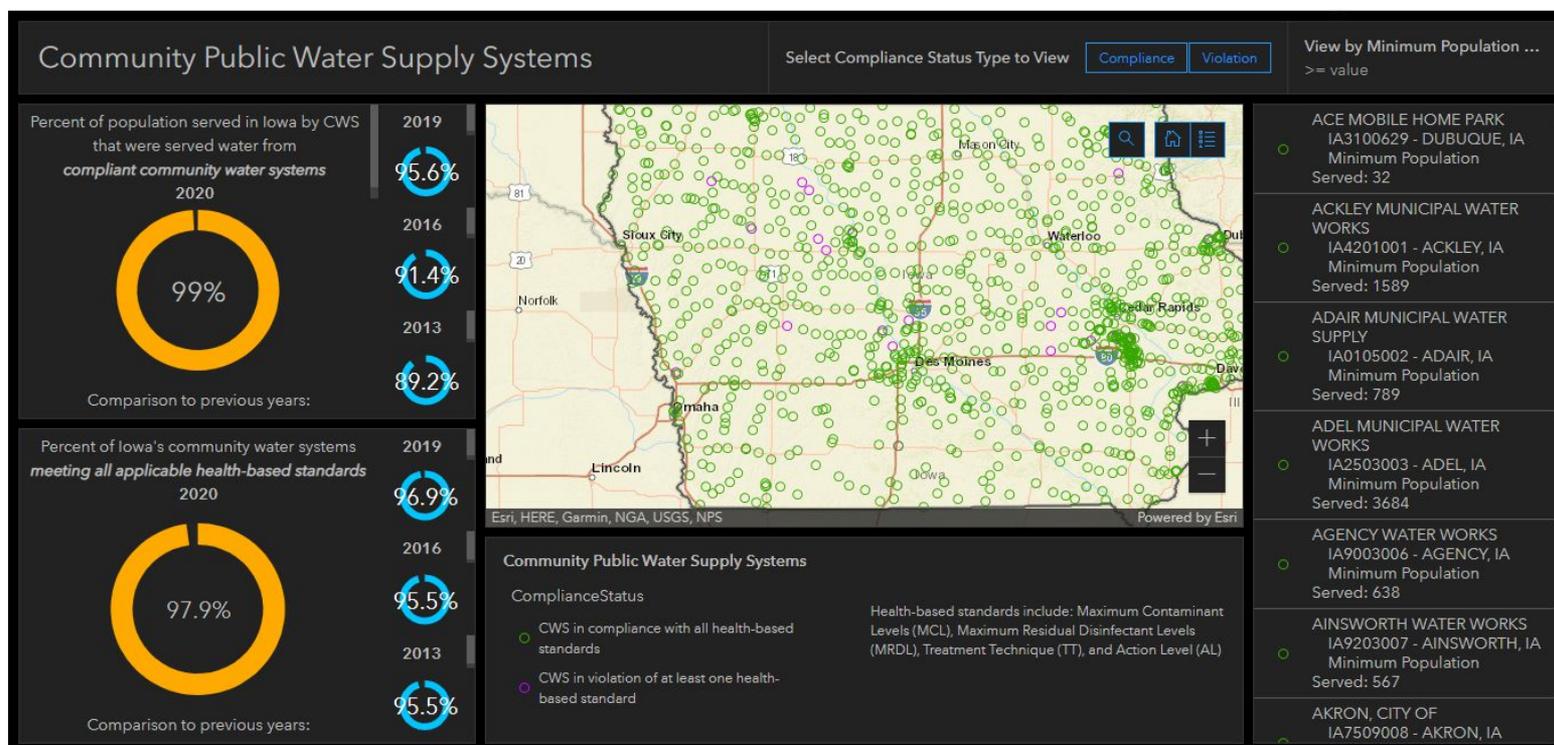
“This internship gives you hands-on experience from day one and gives you a preview of what an engineering career can look like, but you have that safety net to support you if you need help.”

— Joey Romo, Iowa State University

Environmental Metrics Board for Iowa Facilities

Online mapping and data management tool to see Iowa's regulated facilities, based on air, water, and land quality environmental permits.

Sample Dashboard: Community Public Drinking Water Systems in Iowa





Questions and comments?