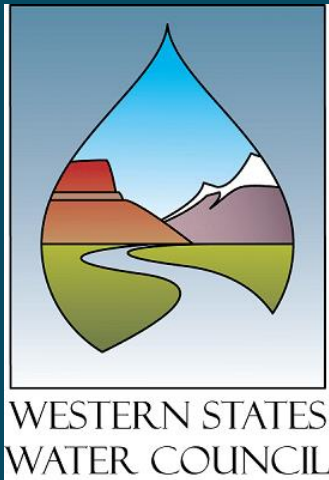


Western States Water Council

September 14 - 16, 2021

Deadwood, SD



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Welcome to South Dakota!



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD



South Dakota – Did you Know?

- **Population:** 886,667 (2020)
- **Highest Point:** Black Elk Peak – 7,242 feet
- **State Sport:** Rodeo
- **#1 Industry:** Agriculture
 - \$32.1 Billion in total output (29.3% of total)
 - 129,753 jobs (21.1% of total)
- **Tourism:**
 - 12.6 Million visitors (2020)
 - \$3.4 Billion in visitor spending (2020)
 - Agritourism is a growing industry in SD



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

South Dakota – Did you Know?

- **Rivers and Streams:**

- 10,094 miles of perennial rivers and streams
- 87,474 miles of intermittent and ephemeral streams

- **Lakes:**

- 575 lakes and reservoirs
- 134,360 lake acres

- **Irrigation:**

- 5,492 active irrigation permits
- Irrigating up to 833,000 acres



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

South Dakota – Did you Know?

- **Farms:**
 - 29,968 farming operations
 - 43,200,000 acres
- **Livestock:**
 - 1,799,000 beef cows
 - 2,020,000 hogs
 - 4,500,000 turkeys
- **Milk Production:**
 - 3,120,000,000 (lbs)



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

South Dakota – Did you Know?

- **Outdoor Recreation Participants (2017):**
 - More than 7.5 million state park visitors
 - More than 400,000 hunting and fishing
 - 173,825 wildlife watching
 - 58,972 boating



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

What does this tell us?

- Agriculture is, by far, the #1 industry in South Dakota driving our economy
- Our farms and ranchers operate on more than 43 million acres - approximately 88% of the total acres in South Dakota – they are truly our front-line conservationists
- Our citizens and guest love being outdoors enjoying our rivers, lakes, and natural resources



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

What does this tell us?

- To achieve long-term success agriculture and natural resource protection must work together
- Recognizing this, Governor merged the South Dakota Department of Agriculture and the Department of Environment and Natural Resources into the Department of Agriculture and Natural Resources



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Merger Benefits?

- Agriculture, conservation, and natural resource protection go hand-in-hand, so it makes sense for South Dakota to work with these industries under one department – DANR
- Providing effective and efficient services helps our regulated community and our producers spend less time on government requirements and more on getting their work done
- The merger creates efficiencies, saves money, and puts us in the best position to protect and preserve South Dakota's agriculture, environment, and natural resources for today and tomorrow

Important to know – no laws or regulations (from either agency) are being limited or removed as part of the merger



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Merger Timeline

Governor Noem announced her plan to merge SDDA and DENR into the Department of Agriculture and Natural Resources (DANR)

January 2021 – Governor issues an executive order creating DANR

April 2021 – 90 days after issuance the executive order takes effect

September 8, 2020

March 8, 2021

July 1, 2021

August 27, 2020

January 19, 2021

April 19, 2021

DENR Secretary Hunter Roberts became the SDDA interim Secretary

SRD 901 defeated in the Senate

Merged DANR budget takes effect



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Merger Process

- The South Dakota Constitution allows the Governor to organized state government to best meet the needs of the state and our citizens
- Reorganizations are completed by Executive Orders that must be issued with the first five days of legislative session – the Executive Orders take effect 90 days after the order is issued
- The Legislature, through Resolution of Disapproval can disapprove a reorganization executive order with a majority vote in one body (house or senate)
- Senate Resolution of Disapproval 901 – *Proposing to disapprove Executive Order 2021-03 as set forth on pages 52 to 64, inclusive, of the Senate Journal*
 - First reading on February 25, 2021
 - Passed out of the Senate Agriculture and Natural Resources Committee on March 4, 2021
 - Debated on the Senate floor on March 8, 2021, and failed to be adopted – clearing the path for the merger
- SDDA / DANR officially became the Department of Agriculture and Natural Resources (DANR) on April 19, 2021



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

DANR Mission & Vision

- **Mission** – To protect and preserve South Dakota’s agriculture, environment, and natural resources through effective regulatory services, natural resource conservation, and financial and technical assistance
- **Vision** – A South Dakota with a prosperous economy, diverse agricultural opportunities, clean air, clean water, and healthy families



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

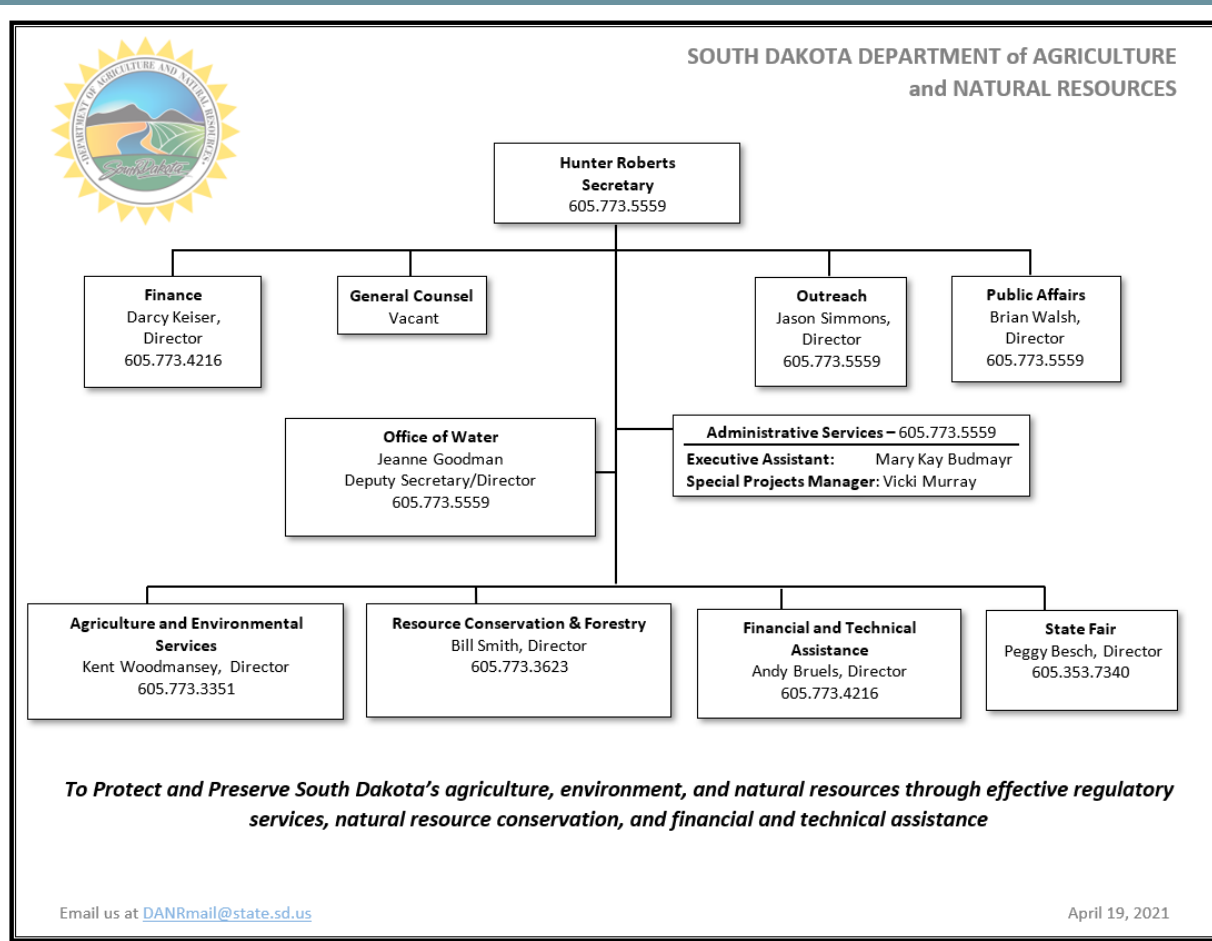
#SDAGPROUD

DANR Org Chart



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD



Efficiencies & Savings

Efficiencies

- Combines resources from both agencies
 - SDDA Conservation + DENR Watershed Protection
 - Streamline regulatory services
 - Cross train inspectors – more responsive / less redundant

Cost Savings

- Eliminate five full-time positions
 - Currently vacant positions + one cabinet secretary position
- Estimated savings of \$450,000



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

DPS and Wildland Fire

Working through the merger has led to another opportunity to better use the state's resources

Transfer SDDA Wildland Fire Division to the Department of Public Safety

DPS, as a first responder agency, is better situated to support Wildland fire and take advantage of its unique emergency response capabilities outside of the regular fire season



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Program Overview – Office of Water

Office of Water – Jeanne Goodman P.E., Deputy Secretary / Director

Drinking Water	Mark Mayer, P.E.	Program Administrator	Regulate Public Water Supply Systems – will now manage the Source Water and Wellhead Protection Programs
Surface Water Quality	Kelli Buscher, P.E.	Program Administrator	Regulate discharges / establish water quality standards / surface water monitoring – will now manage GWD Permits and Standards
Water Rights	Eric Gronlund, P.E.	Program Administrator, Chief Engineer	Water rights permitting, Dam Safety / Well Drilling



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Program Overview – Ag and Environmental Services

Agriculture and Environmental Services – Kent Woodmansey P.E., Director

Air Quality	Kyrik Rombough, P.E.	Program Administrator	Air Quality permitting, monitoring
Livestock Services	Troy Roth, P.E.	Program Administrator	Regulate livestock operations – CAFO Permitting, Dairy, Eggs (from SDDA)
Waste Management	Jim Wendte, P.E.	Program Administrator	Solid Waste, hazardous waste, asbestos, recycling (adds SDDA's recycling programs)
Inspection, Compliance, Remediation	Kim McIntosh	Program Administrator	Pesticides, tanks, spills, Superfund, Sara Title III, Industrial Hemp
Minerals and Mining	Mike Lees	Program Administrator	Mineral exploration, mining, oil and gas



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Program Overview – Resource Conservation & Forestry

Resource Conservation and Forestry – Bill Smith, Director

Forestry	Greg Josten	State Forester	Forest management, street tree inventories, forest insect and diseases, and windbreaks
Conservation	Bill Smith	Director	State Conservation Commission, conservation districts, Coordinated Natural Resources Conservation Grant Fund
Watershed Protection	Barry McLaury	Program Administrator	Nonpoint Source Pollution Program, Section 319, 106, and 604(b) funding, monitoring (from DENR)
Plant Industry	Brenda Sievers	Program Manager	Seed, Nursery, Cooperative Agriculture Pest Survey (CAPS), Weed & Pest Program, Weed & Pest Control Commission, State Weed Grants thru Commission, Bio Control, Quarantine, Export (from SDDA Ag Services)
Apiary	Bob Reiners	Apiary Specialist	Apiary Program/Beekeepers/National Honeybee Survey (part of CAPS) (from Ag Services)



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Program Overview – Financial and Technical Assistance

Financial and Technical Assistance – Andy Bruels P.E., Director

Environmental Funding	Mike Perkovich, P.E.	Program Administrator	Infrastructure funding / Petroleum Release Compensation Fund
Geological Survey	Tim Cowman	Program Administrator, State Geologist	Investigation and reporting on South Dakota's geologic and hydrologic resources



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Program Overview – State Fair

South Dakota State Fair – Peggy Besch, State Fairgrounds Manager

South Dakota State Fair	Candi Briley	Assistant Manager	The State Fair is a year-round facility focusing on agricultural, equestrian, youth, cultural, and community events.
-------------------------	--------------	-------------------	--



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

DANR Values

- SDDA and DENR have a long history of providing excellent customer service to the citizens of South Dakota
- DANR intends to continue this tradition through a consistent value system of Integrity, Excellence, and Customer Service
 - Integrity through transparent government services, science-based decision making, and high ethical standards
 - Excellence through hiring, developing, and empowering highly engaged and well-trained professionals
 - Customer Service through consistent, timely, and professional interactions with everyone we meet



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

DANR Hot Topics - Drought



SOUTH DAKOTA
DEPARTMENT of AGRICULTURE and NATURAL RESOURCES
#SDAGPROUD

South Dakota

Home > South Dakota

Map released: Thurs. July 22, 2021

Data valid: July 20, 2021 at 8 a.m. EDT

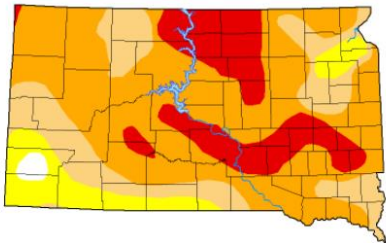
Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

Authors

United States and Puerto Rico Author(s):
Brad Rippey, U.S. Department of Agriculture
 Pacific Islands and Virgin Islands Author(s):
Richard Heim, NOAA/NCEI

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



South Dakota

Home > South Dakota

Map released: Thurs. September 9, 2021

Data valid: September 7, 2021 at 8 a.m. EDT

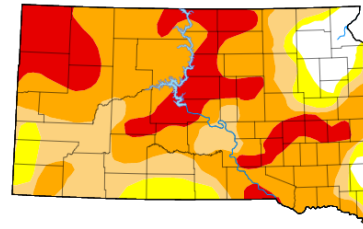
Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

Authors

United States and Puerto Rico Author(s):
David Simeral, Western Regional Climate Center
 Pacific Islands and Virgin Islands Author(s):
Richard Tinker, NOAA/NWS/NCEP/CPCC

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	DSCI
Current	2021-09-07	5.97	94.03	85.21	65.32	22.11	0.00	267
Last Week	2021-08-31	1.00	99.00	91.37	70.21	26.91	0.00	287
3 Months Ago	2021-06-08	2.34	97.66	79.84	54.17	4.24	0.00	236
Start of Calendar Year	2020-12-29	0.00	100.00	58.83	10.65	1.94	0.00	171
Start of Water Year	2020-09-29	0.82	99.18	30.61	6.76	0.00	0.00	137
One Year Ago	2020-09-08	20.40	79.60	27.66	2.77	0.00	0.00	110

Drought - Impacts

- USDA Field Crop Reports (9/7/21)
 - Corn – 16% very poor, 29% poor, 32% fair, 21% good, and 2% excellent
 - Soybeans – 11% very poor, 29% poor, 38% fair, 21% good, and 1% excellent
 - Pasture and Range – 37% very poor, 41% poor, 17% fair, 5 % good, 0% excellent
- Topsoil moisture Supply Ratings – 25% very short, 41% short, 33% adequate, 1% surplus



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Drought - State Actions

- State's Drought Task Force – has been meeting twice a week since May to review drought and fire conditions
- On June 29 – Governor Noem issued Executive Order 2021-09 (expired August 31) – suspended haying restrictions on east river rights-of-way allowing haying before July 10
- Put pressure on FSA to allow emergency haying on CRP during the primary nesting season
- DANR is working to get the word out about available drought resources via our social media platforms and <http://sdresponse.gov/>
- Visit <https://www.farmers.gov/> for more info on USDA's drought resources



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

DANR Hot Topics - Riparian Buffer Initiative (RBI)

- Goal
 - Establish 3,000 acres of new riparian buffers to make water quality improvements in South Dakota's watersheds.
- Step 1
 - Increase the tax incentive from 40% to 50%.
 - Change enrollment from annual to once every 10 years.
 - Completed during 2021 Legislative Session – took effect July 1, 2021
- Step 2
 - Work with a wide range of partners to acquire funding.
 - Project will be outcome driven and focus on maximizing water quality improvements and habitat protection. Will prioritize impaired watersheds



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Riparian Buffer Initiative (RBI)

- Target budget for the 10-year program is \$13,090,909
 - \$9,090,909 from NRCS RCPP-AFA (application pending)
 - \$4,250,000 nonfederal match (includes \$3 million from HB 1256 to be used in the Big Sioux Watershed)
- DANR will roll out the program this fall once the funding is secure
- RBI would not work without out partners – thank you!

Project Partners - GFP, SD Legislature, Conservation Commission, Pheasants Forever, James River Watershed Development District, East Dakota Water Development District, Ducks Unlimited, SD Corn, SD Association of Conservation Districts, NRCS, Vermillion Basin Water Development District, West Dakota Water Development Districts, Friends of the Big Sioux, Izaak Walton League, and the First Planning District



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD

Questions?



**SOUTH
DAKOTA
DEPARTMENT
of
AGRICULTURE
and NATURAL
RESOURCES**

#SDAGPROUD