



— BUREAU OF —
RECLAMATION

Niobrara, Lower Platte, and Kansas River Basins

Water Year 2025
Water Year 2026

Summary of Actual Operations
Annual Operating Plans

Annual Operating Plan



Kirwin Dam, Kansas

Nebraska Kansas Area Office
Missouri Basin Region

Mission Statements

The U.S. Department of the Interior protects and manages the Nation's natural resources and cultural heritage; provides scientific and other information about those resources; honors its trust responsibilities or special commitments to American Indians, Alaska Natives, Native Hawaiians, and affiliated Island Communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Cover Image –Kirwin Dam spillway on the right abutment of the dam during July 2025. The inlet channel was rechanneled and sediment was removed by NKAO staff. (Bureau of Reclamation).

Nebraska-Kansas Area Office – Annual Operating Plan Summary of 2025 Operations Forecast of 2026 Operations

**Nebraska Kansas Area Office
Missouri Basin Region**

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Contents

	Page
Overview	1
General.....	1
2025 Summary	1
Climatic Conditions	1
Storage Reservoirs	2
Water Service.....	4
Fish and Wildlife and Recreation Benefits	4
2026 Outlook	5
Chapter I – Introduction.....	6
Purpose of this Report.....	6
Operational Responsibilities	6
Water Supply	7
Reservoir Operations	7
Major Features	7
Constructed by Reclamation	7
Constructed and Operated by the Corps of Engineers	8
Irrigation and Reclamation Districts	8
Municipal Water	8
Fish and Wildlife.....	8
State of Colorado Division of Wildlife.....	9
State of Kansas Department of Wildlife & Parks	9
Subordination Agreement Considerations	9
Environmental Considerations.....	9
Republican River Compact – Kansas v. Nebraska	10
Chapter II – Niobrara and Lower Platte River Basins	11
Mirage Flats Project in Nebraska.....	11
General.....	11
2025 Summary	11
2026 Outlook	11
Ainsworth Unit, Sandhills Division in Nebraska.....	12
General.....	12
2025 Summary	12
2026 Outlook	13
North Loup Division in Nebraska.....	13
General.....	13
2025 Summary	14
2026 Outlook	15
Chapter III – Republican River Basin.....	16
Armel Unit, Upper Republican Division in Colorado	16
General.....	16
2025 Summary	16
2026 Outlook	16

Frenchman Unit, Frenchman-Cambridge Division in Nebraska	16
General.....	16
2025 Summary	17
2026 Outlook	18
Meeker-Driftwood, Red Willow, and Cambridge Units, Frenchman-Cambridge Division in Nebraska.....	19
General.....	19
2025 Summary	19
2026 Outlook	23
Almena Unit, Kanaska Division in Kansas.....	23
General.....	23
2025 Summary	24
2026 Outlook	25
Franklin, Superior-Courtland, and Courtland Units, Bostwick Division in Nebraska and Kansas	25
General.....	25
Bostwick Division - Harlan County Lake Operations - 2025 Summary	26
Bostwick Division – Nebraska - 2025 Summary.....	27
Bostwick Division – Kansas – 2025 Summary.....	27
Bostwick Division – 2026 Outlook	28
Chapter IV - Smoky Hill River Basin.....	29
Kirwin Unit, Solomon Division in Kansas	29
General.....	29
2025 Summary	29
2026 Outlook	30
Webster Unit, Solomon Division in Kansas	30
General.....	30
2025 Summary	31
2026 Outlook	32
Glen Elder Unit, Solomon Division in Kansas	32
General.....	32
2025 Summary	33
2026 Outlook	34
Cedar Bluff Unit, Smoky Hill Division in Kansas	35
General.....	35
2025 Summary	35
2026 Outlook	36

Tables

1.—Summary of carry-over storage at NKAO facilities	3
2.—Flood damages prevented by Nebraska-Kansas Project reservoirs	4

Figures

1.—Enders Reservoir elevation and content.....	18
2.—Swanson Lake elevation and content.	20
3.—Hugh Butler Lake elevation and content.	21
4.—Harry Strunk Lake elevation and content.	22
5.—Keith Sebelius Lake elevation and content.....	24
6.—Harlan County Lake elevation and content.....	26
7.—Lovewell Reservoir elevation and content.....	28
8.—Kirwin Reservoir elevation and content.	30
9.—Webster Reservoir elevation and content.	31
10.—Waconda Lake elevation and content.	34
11.—Cedar Bluff Reservoir elevation and content.....	36

Appendices

A	Tables
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Overview

General

This is the seventy-second consecutive year that an Annual Operating Plan (AOP) has been prepared for the federally owned dams and reservoirs in the Niobrara, Lower Platte, and Kansas River Basins. The plan has been developed by the Water Operations group in McCook, NE for the 16 dams and reservoirs in Colorado, Nebraska, and Kansas. These reservoirs, together with 9 diversion dams, 9 pumping plants, and 21 canal systems, serve approximately 259,000 acres of project lands in Nebraska and Kansas. In addition to irrigation and municipal water, these features serve flood control, recreation, and fish and wildlife purposes. A map at the end of this report shows the location of these features.

The reservoirs in the Niobrara and Lower Platte River Basins are operated by either irrigation or reclamation districts. The reservoirs in the Kansas River Basin are operated by either the Bureau of Reclamation (Reclamation) or the Army Corps of Engineers. Kirwin Irrigation District provides operational and maintenance assistance for Kirwin Dam. The diversion dams, pumping plants, and canal systems are operated by either irrigation or reclamation districts.

A Supervisory Control and Data Acquisition System (SCADA) located at McCook, NE is used to assist in operational management of all 11 dams under Reclamation's authority that are located in the Kansas River Basin. A Hydromet system collects and stores near-real-time data at selected stations in the Nebraska-Kansas Projects. The data collected from both systems includes gate openings and water levels in streams, canals, and reservoirs. Hydromet data is transmitted to a satellite and downloaded to a Reclamation receiver in Boise, ID. The data can then be accessed by anyone interested in monitoring water levels or water usage in an irrigation system. The Nebraska-Kansas projects currently have 60 Hydromet stations that can be accessed. The Nebraska-Kansas Area Office (NKAO) has installed and maintains 41 of these Hydromet stations. These stations can be found on the Internet by accessing Reclamation's Missouri Basin Region Hydromet station codes page at the following website:
https://www.usbr.gov/gp/hydromet/station_codes_by_state.html.

2025 Summary

Summaries of the 2025 operations of NKAO projects are included in tables A-2 through A-21 in appendix A.

Climatic Conditions

Precipitation at the project dams during 2025 ranged from 89 percent of normal at Norton Dam to 139 percent of normal at Virginia Smith Dam. Annual precipitation was above normal for eleven of the project dams.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations
Forecast of 2026 Operations

Temperatures in January and February were generally below normal throughout the project area. Precipitation in January varied at the project dams ranging from zero precipitation (Virginia Smith Dam) to 282 percent of average (Glen Elder Dam). February precipitation was generally well above average but again varied, ranging from 14 percent of average (Cedar Bluff Dam) to 231 percent of average at Harlan County Dam. In March, precipitation was generally below average while the temperature was above normal.

Temperatures in April and May were generally around normal. Precipitation during April was well below average at most project dams. May precipitation was generally around normal with four project dams recording at least four inches and one over eight inches (Virginia Smith Dam).

Temperatures in June, July and August were generally slightly above normal. Total precipitation in June was above average at all but four project dams. July precipitation was well below average at all but eight project dams. August precipitation was generally above average but varied from 47 percent (Merritt Dam) to 281 percent of average (Enders Dam).

September precipitation was well above average at most project dams with seven dams recording over 200 percent of average. October precipitation was varied, ranging from 17 percent of average (Davis Creek Dam) to 323 percent of average at Bonny Dam. November precipitation was generally well below average in Nebraska while above average in Kansas. December was well below average for the entire project area.

September through December temperatures were generally well above normal.

Storage Reservoirs

Conservation Operations: The 2025 inflows at Hugh Butler, Kirwin, and Webster were below the dry-year forecasts. Inflows for Merritt and Lovewell were between the normal-year and wet-year forecasts. The remaining reservoirs were between the dry-year and normal-year forecasts.

Of the 16 reservoirs, 15 had below average carryover storage from the 2024 water year. Box Butte, Webster and Enders Reservoirs, along with Hugh Butler and Keith Sebelius Lakes did not have sufficient storage to provide water users with a full water supply. Irrigation demands greatly reduced the storage in several project reservoirs throughout the summer. Reservoir storage was below average at all 16 reservoirs at the end of the 2025 water year.

On September 20, 2011, the State of Colorado ordered that Bonny Reservoir be drained for Republican River Compact compliance. All water in Bonny Reservoir was evacuated by the end of May 2012 and no storage has been recorded since. The State of Colorado order remains in effect and inflows continue to be bypassed.

Table 1, on the following page, shows a comparison of 2025 and 2026 carry-over storage for all reservoirs in the Niobrara, Lower Platte, and Kansas River Basins as of September 30, 2025.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations
Forecast of 2026 Operations

Table 1.—Summary of carry-over storage at NKAO facilities

Reservoir/Lake	September 30, 2025 Storage (AF)	September 30, 2024 Storage (AF)	Change (AF)
Bonny	0	0	0
Swanson	44,695	51,020	-6,325
Enders	8,358	7,884	474
Hugh Butler	14,944	13,607	1,337
Harry Strunk	21,646	29,362	-7,716
Keith Sebelius	12,604	14,685	-2,081
Harlan County	184,080	215,465	-31,385
Lovewell	25,779	24,409	1,370
Kirwin	31,976	44,817	-12,841
Webster	11,976	12,608	-632
Cedar Bluff	61,179	66,233	-5,054
Waconda	160,397	148,467	11,930
Box Butte	6,733	10,409	-3,676
Merritt	56,595	61,262	-4667
Calamus	84,394	99,084	-14,690
Davis Creek	14,057	13,765	292

Flood Control Operations: Lovewell Reservoir and Harry Strunk Lake were the only projects to use flood pool storage in 2025. Flood releases from Lovewell Reservoir totaled approximately 16,035 acre-feet (AF) in early-July thru mid-August. All flood pool storage at Harry Strunk was used for irrigation and no flood releases were made.

The water year 2025 flood damages prevented by the operation of Reclamation’s Nebraska-Kansas Projects facilities totaled \$10,600, as determined by the Corps of Engineers. An additional benefit of \$6,600 was credited to Harlan County Lake. The cumulative flood control benefits for the years 1951 through 2025 by facilities in this report total \$3,005,553,500. Box Butte, Merritt, Calamus, and Davis Creek Reservoirs do not have a designated flood pool and have not accrued any flood benefits to date. Flood control benefits attributed to each project are shown in table 2 on the following page.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations
Forecast of 2026 Operations

Table 2.—Flood damages prevented by Nebraska-Kansas Project reservoirs

Reservoir	During 2025	Prior to 2025	Accumulated Total
Bonny	\$0	\$2,870,900	\$2,870,900
Enders	\$0	\$3,618,500	\$3,618,500
Swanson	\$1,300	\$51,582,100	\$51,583,400
Hugh Butler	\$0	\$13,496,300	\$13,496,300
Harry Strunk	\$2,000	\$26,996,900	\$26,998,900
Keith Sebelius	\$0	\$11,597,600	\$11,597,600
Harlan County	\$6,600	\$396,796,200	\$396,802,800
Lovewell	\$0	\$237,507,700	\$237,507,700
Kirwin	\$0	\$196,217,400	\$196,217,400
Webster	\$0	\$164,789,100	\$164,789,100
Waconda	\$5,300	\$1,711,751,100	\$1,711,756,400
Cedar Bluff	\$2,000	\$188,312,500	\$188,314,500
Total	\$17,200	\$3,005,536,300	\$3,005,553,500

Notes: Accumulated totals from 1951 through 2025. The reservoirs upstream of Harlan County Lake did not receive benefits for damages prevented from 1972 to 1993. Total construction costs of storage dams were \$208,954,130.

A summary of precipitation, reservoir storage, and inflows at the facilities of the Nebraska-Kansas Projects during 2025 can be found in table A-2 in appendix A.

Water Service

361,944 acre-feet (AF) of water was diverted to irrigate approximately 202,950 acres of project lands in the 11 irrigation districts. Tables A-3 and A-4 in appendix A summarize the acres irrigated and canal diversions by irrigation district. Project water supply was either inadequate or limited for 80,900 acres of the total project lands. This includes lands in Mirage Flats, Frenchman Valley, Frenchman-Cambridge, Webster, and Almena Irrigation Districts. The project water supplies for the other districts mentioned in this report were adequate in 2025.

The water requirements of three municipalities, one rural water district, and two fish hatchery facilities were met in 2025. Both storage releases and natural flows were used in meeting these demands.

Fish and Wildlife and Recreation Benefits

The National Recreational Fisheries Policy declares that the Government's vested stewardship responsibilities must work in concert with the state managing agency's recreational fisheries constituency and the public to conserve, restore, and enhance recreational fisheries and their habitats. The NKAO is available for meetings if requested with Nebraska, Colorado, and Kansas

state management agencies to discuss the AOP. Information is solicited from the agencies to enhance fisheries resources within the flexibility allowed while still meeting contractual obligations with the various irrigation districts.

Reservoir operations were favorable for recreation and fish and wildlife uses in 2025 at those project reservoirs with full or nearly full conservation pools prior to the irrigation season. The higher water levels experienced early in the year submerged existing shoreline vegetation. Normal irrigation demands and the lack of precipitation during the summer greatly reduced the pool levels at several reservoirs allowing for late summer shoreline revegetation. The draining of Bonny Reservoir and the State of Nebraska's administration of storage rights in southwest Nebraska reservoirs in past years diminished recreation benefits at these facilities.

2026 Outlook

Three forecast conditions have been developed for each of the reservoirs in the Niobrara, Lower Platte, and Kansas River Basins conforming to established operating criteria under various reservoir inflow conditions. These operation studies are included starting in table A-22 in appendix A. The municipal and rural water district water supply requirements will be met under all three inflow forecast conditions for all units.

Under reasonable minimum inflow forecast conditions, irrigation districts receiving storage water from the following lakes and reservoirs are expected to receive less than a full supply: Box Butte, Enders, Hugh Butler, Harlan County, Webster, Kirwin, and Keith Sebelius. The irrigation districts affected are Mirage Flats, Frenchman Valley, Frenchman–Cambridge, Kansas Bostwick, Nebraska Bostwick, Webster, Kirwin, and Almena, respectively.

Under most probable inflow conditions, it is expected that Mirage Flats, Frenchman Valley, Almena, and Webster Irrigation Districts would experience some shortages to irrigation demands from Box Butte Reservoir, Enders Reservoir, Keith Sebelius Lake and Webster Reservoir, respectively. Most irrigators in these districts plan to use water from private wells to supplement the project water supply.

Under reasonable maximum inflow conditions Frenchman Valley Irrigation District is expected to experience irrigation demand shortages from Enders Reservoir.

Under reasonable minimum inflow conditions, the conservation pools at Merritt, Calamus, Davis Creek, Harry Strunk, and Lovewell Reservoirs are expected to fill.

Water is not expected to be stored in Bonny Reservoir during 2026 as the State of Colorado's order to bypass all inflows remains in effect. Bonny Reservoir was drained in 2012 by order of the State of Colorado to assist in meeting Republican River Compact compliance.

Chapter I – Introduction

Purpose of this Report

This AOP advises water users, cooperating agencies, and other interested groups or persons of the actual operations during 2025 and serves as a guideline for 2026 operations. This report also describes the responsibilities of Reclamation, the U.S. Army Corps of Engineers (Corps of Engineers), and the irrigation and Reclamation districts in the Niobrara, Lower Platte, and Kansas River Basins.

Operational Responsibilities

Reclamation is responsible for irrigation operations at all Federal reservoirs in the Nebraska-Kansas Projects area. Reclamation is also responsible for the operation and maintenance (O&M), safety of the structure, and reservoir operations not specifically associated with regulation of the flood control storage at the reservoirs constructed by Reclamation. Regulation of the flood control storage is the responsibility of the Corps of Engineers. In addition to irrigation and flood control, these reservoirs provide recreation, fish and wildlife, and municipal water supply benefits.

By contractual arrangements with Reclamation, the irrigation or reclamation districts in the Niobrara, Lower Platte, and Kansas River Basins are responsible for the O&M of the canals and irrigation distribution facilities constructed or rehabilitated by Reclamation. In addition, the appropriate irrigation or reclamation districts are responsible for operating and maintaining Box Butte, Merritt, Virginia Smith, and Davis Creek Dams. The Corps of Engineers operates and maintains Harlan County Dam and Lake with Reclamation directing releases for irrigation. The State of Colorado provides operational guidelines for Bonny Reservoir. Operational guidelines for Cedar Bluff Reservoir are provided by the State of Kansas. Reclamation operates and maintains 11 dams and reservoirs in the Republican, Solomon, and Smoky Hill River Basins. Under a contract with Reclamation, Kirwin Irrigation District performs certain operational and maintenance functions at Kirwin Dam.

An updated Field Working Agreement was executed on July 17, 2001 between the Corps of Engineers and Reclamation regarding operation of Harlan County Dam and Lake. The agreement provides for a sharing of the decreasing water supply into Harlan County Lake. Storage capacity allocations were redefined based on the 2000 sediment survey and a procedure was established for sharing the reduced inflow and summer evaporation among the various lake uses.

The States of Nebraska, Colorado, and Kansas are responsible for the administration and enforcement of their state laws pertaining to the water rights and priorities of all parties concerned with the use of water. As provided by the lease agreement between Reclamation and

the states, the states are responsible for administering the water surface activities and the federal lands around the reservoirs. The U.S. Fish and Wildlife Service administers the water surface activities and most of the federal lands at Kirwin Reservoir.

Reclamation cooperates with all state agencies and compact commissions to ensure that all operations are following state laws and compact requirements.

Water Supply

For forecasting purposes, values of annual inflows were selected that statistically should be met or exceeded 10, 50, and 90 percent of the time to represent the reasonable maximum (wet-year), most probable (normal-year), and reasonable minimum (dry-year) inflow conditions, respectively.

Inflow records from 2006 through 2025 were used for the analysis of reservoirs in the Niobrara, Lower Platte and Kansas River Basins.

Reservoir Operations

All operations are scheduled for optimal benefits of the authorized project functions. Monthly, or as often as runoff and weather conditions dictate, Reclamation evaluates the carry-over storage and estimated inflow at each reservoir to determine whether excess water is anticipated. If excess inflow is apparent, controlled releases will be made to maximize the downstream benefits.

Major Features

The Mirage Flats Project was constructed under the Water Conservation and Utilization Act and includes an irrigation storage reservoir, diversion dam, and canal system. The other features discussed in this report were constructed under the Pick-Sloan Missouri Basin Program and include single and multipurpose reservoirs, diversion dams, pump stations and canal systems. The sixteen storage facilities now in operation are listed below.

Constructed by Reclamation

Operated by Reclamation: Bonny, Trenton, Enders, Red Willow, Medicine Creek, Norton, Lovewell, Kirwin, Webster, Glen Elder, and Cedar Bluff Dams in the Kansas River Basin. A contract provides for Kirwin Irrigation District to perform certain operational and maintenance functions at Kirwin Dam.

Operated by irrigation or Reclamation districts: Box Butte and Merritt Dams in the Niobrara River Basin and Virginia Smith and Davis Creek Dams in the Lower Platte River Basin.

Constructed and Operated by the Corps of Engineers

Harlan County Dam in the Kansas River Basin.

Irrigation and Reclamation Districts

11 irrigation districts and one Reclamation district in the Niobrara, Lower Platte, and Kansas River Basins have contracted with Reclamation for water supply and irrigation facilities. The Twin Loups Irrigation District has contracted their O&M responsibilities to the Twin Loups Reclamation District. Bostwick Irrigation District in Nebraska has contracted their O&M responsibilities for the Superior-Courtland Diversion Dam and the Courtland Canal between the head gates and the Nebraska-Kansas state line to Kansas Bostwick Irrigation District.

The contracted irrigation season for Mirage Flats Irrigation District is April 1 through September 30. The contracted irrigation season for Frenchman-Cambridge Irrigation District is April 15 through October 15 or such additional period from April 1 to April 15 of each year as may be agreed upon between the District and Reclamation. The contracted irrigation season for Frenchman Valley Irrigation District is from May 1 through October 15 or such additional period from April 1 through May 1 of each year as determined between the district and Reclamation. The contracted irrigation season for Twin Loups Reclamation District, Bostwick in Nebraska, and Kansas Bostwick Irrigation Districts is May 1 through September 30 or such additional period from April 1 through November 15 of each year as determined between the district and Reclamation. For Ainsworth, Kirwin and Webster Irrigation Districts, the contracted irrigation season is from May 1 through September 30. The Almena Irrigation District's contracted irrigation season is from February 1 through September 30.

Municipal Water

Three municipalities in Kansas (Norton, Russell, and Beloit) and one rural water district in Kansas (Mitchell County Rural Water District No. 2) have executed water service contracts or repayment contracts for full or supplemental water supplies from Norton Dam, Cedar Bluff Dam, and Glen Elder Dam, respectively.

Fish and Wildlife

The Calamus Fish Hatchery is located below Virginia Smith Dam and Calamus Reservoir. The hatchery is operated and maintained by the Nebraska Game and Parks Commission (Commission). The water supply is provided by natural flows passed through Virginia Smith Dam and from Calamus Reservoir storage through an agreement dated July 28, 1988, between the Commission and the Twin Loups Reclamation District.

The State of Kansas operates and maintains the fish hatchery facility below Cedar Bluff Reservoir.

State of Colorado Division of Wildlife

The State of Colorado provides operational guidelines for Bonny Reservoir. The entire conservation pool storage was purchased by the State of Colorado on June 24, 1982. The State of Colorado's contract with Reclamation expired in 2022 and Colorado did not request renewal.

State of Kansas Department of Wildlife and Parks

The State of Kansas acquired the use and control of portions of the conservation capacity at Cedar Bluff Reservoir following the reformulation of the Cedar Bluff Unit in October of 1992. The City of Russell's existing water storage right and contract with the United States remained unchanged.

Subordination Agreement Considerations

Subordination Agreements exist between Reclamation, the Ainsworth Irrigation District, and the Nebraska Public Power District as well as between Reclamation, the Mirage Flats Irrigation District and the Nebraska Public Power District. Provisions of these agreements will be incorporated in operations for the year.

Environmental Considerations

A "Statement of Operational Objectives" for Harlan County Lake sets forth the general operational objectives and the specific reservoir uses that are desirable. The operational objectives indicate that fish and wildlife interests are best served by high reservoir levels with minimum fluctuations and regulation of the outflow above the minimum desired flows. Although the statement recognizes flood control and irrigation as primary purposes, it indicates that comprehensive operational plans should be developed for maximum integration of the secondary uses.

These operational objectives are also considered in the operation of all Reclamation reservoirs in the Kansas River Basin, Niobrara River Basin, and the Lower Platte River Basin. The regulated outflow can also benefit farmers, ranchers, cities, and other interests below the reservoirs.

Republican River Compact – Kansas v. Nebraska

On May 26, 1998, Kansas filed a petition with the U.S. Supreme Court stating that Nebraska had violated the Republican River Compact by using more than its share of the Republican River water supply. The three original parties to the Compact; Kansas, Nebraska and Colorado, became parties to the case. Because the major water development structures in the Republican River Basin were constructed by the Bureau of Reclamation and the Corps of Engineers, the United States was allowed to participate as *amicus curiae*. After 17 months of negotiations, the Final Settlement Stipulation was signed by each respective governor and attorney general and was filed with the Special Master on December 16, 2002. The U.S. Supreme Court approved the settlement and dismissed the case on May 19, 2003.

In the dry period 2005–2006, Nebraska again overused its Compact-allotted share of the Republican River. In 2010, Kansas filed suit in the U.S. Supreme Court. In 2015, the Supreme Court found that Nebraska had violated the Compact and required it to pay Kansas \$5.5 million in damages and to take additional action to ensure compliance.

After Kansas' 2010 filing, Nebraska took additional actions to achieve compliance including developing two augmentation projects to enhance flows in the river, offsetting overuse. Colorado also developed an augmentation project during this period to offset its overuse.

After more than 2 years of negotiations among the States, the Republican River Compact Administration (RRCA) approved two resolutions on August 24, 2016 establishing long-term agreements among Kansas, Colorado and Nebraska related to Colorado's and Nebraska's compliance activities in the Republican River basin.

Water-Short Year Administration will be in effect in those years in which the projected or actual irrigation supply is less than 119,000 AF of storage available for use from Harlan County Lake as determined by Reclamation. It was determined that Water Short Year Administration would be in effect in 2025.

Chapter II – Niobrara and Lower Platte River Basins

Mirage Flats Project in Nebraska

General

Flows in the Niobrara River along with Box Butte Reservoir storage provide a water supply for the 11,662-acre Mirage Flats Project. Many irrigators supplement their water supply with private wells.

A data collection platform was installed in May 1992 to monitor the reservoir elevation and outflow at Box Butte Dam. A telephone (primary communication system) and a radio (backup communication system) have been installed at the outlet works for contacting the Region 23 Emergency Management Agency.

2025 Summary

The flows of the Niobrara River plus the carry-over storage in Box Butte Reservoir were not adequate to provide a full water supply for the project lands. Precipitation in the Mirage Flats Irrigation District totaled 15.72 inches. The 2025 total inflow of 14,592 AF was between the dry-year and most-probable forecast.

The reservoir level began the year at elevation 3,992.03 feet (15.0 feet below the top of conservation). Irrigation diversions began on July 7 and ended on September 5. The reservoir peaked at elevation 3,998.07 (8.9 feet below top of conservation) on June 29. Diversions of 10,407 AF to the Mirage Flats Canal provided irrigation water for approximately 10,803 acres. The farm deliveries from the project water supply totaled 4,465 AF (delivery efficiency of 43 percent). Total reservoir storage was 9,538 AF at the end of the irrigation season. Privately owned irrigation wells supplemented the project water supply. The reservoir level at the end of the year was 3,991.03 feet (16.0 feet below the top of conservation).

2026 Outlook

The project water supply is expected to be inadequate in 2026 as it has been since the early 1960s, but based on statistical reasonable maximum inflow, supplies will be adequate. In the spring, the district will inform their water users of the amount of water that will be available from storage in Box Butte Reservoir. It is anticipated that district irrigators will continue to use their privately-owned irrigation wells as a supplemental supply.

Ainsworth Unit, Sandhills Division in Nebraska

General

Within the Ainsworth Irrigation District, there are approximately 35,000 acres with available service. The project water supply is provided by Snake River flows and Merritt Reservoir storage. The reservoir is filled to elevation 2,944.0 feet each fall after the irrigation season. This level is approximately two feet below the top of conservation capacity and within the repaired area of soil cement on the upstream face of the dam. The reservoir is regulated to maintain this level until the ice clears each spring. Maintaining the reservoir at this elevation during the winter will help avoid ice damage to the older existing soil cement. Upon ice-out, the outlet pipe is drained, inspected, and repaired as necessary. The reservoir is then rapidly filled to elevation 2,946.0 feet to reduce shoreline erosion around the reservoir and minimize sand accumulations on the face of the dam. This filling process generally takes place in April. The reservoir level is maintained until irrigation releases begin to draw on the pool around mid-May. Seepage, pickup, and toe drain flow normally result in flows of up to 15 cubic feet per second (ft³/s) below Merritt Dam.

Reclamation has executed a Memorandum of Agreement (MOA) between Reclamation, the Commission, and the Ainsworth Irrigation District for Snake River releases below Merritt Dam. The purpose of this MOA is to establish the protocol that will be used to make future releases of water from Merritt Dam to the lower Snake River. The development of the MOA was an environmental commitment outlined in the Ainsworth Irrigation District Final Environmental Assessment for the conversion of a long-term water service contract to a repayment contract (December 2006). Release criteria will be based on the best available scientific data to determine when local conditions warrant releases to the Snake River. When it becomes necessary to release water from Merritt Reservoir, Reclamation will direct the Ainsworth Irrigation District to make the necessary releases to the river. Changes to the river will be staged to allow fish and other aquatic organisms time to acclimate to the changing environment.

2025 Summary

Precipitation, as recorded near Merritt Dam, totaled 21.03 inches, 94 percent of normal. The total yearly inflow of 184,670 AF was between the most-probable and wet-year forecasts. The reservoir level at the beginning of the year was at elevation 2,944.06 feet. The water supply was more than adequate to meet the project's irrigation requirement. There were 66,352 AF diverted from Merritt Reservoir into Ainsworth Canal, with 20,184 AF delivered to the farm head gates (delivery efficiency of 30 percent). There were 34,640 acres of land irrigated in 2025. The reservoir elevation at the end of the year was 2,944.25 feet. The district also provided a total of 396 AF of irrigation water from holding ponds located within the district's service area.

In early 2018, the Missouri Basin Regional Drill crew, the Technical Service Center, and NKAO personnel completed grouting of the spillway and river outlet works underdrain systems. The post-grouting monitoring of the facility noted sand emanating from the right drain outfall for the

spillway chute drain system. Weir plates were installed on both outfalls to monitor the sand accumulation. Six well points were also installed around the basin to provide additional ground water level monitoring. A Risk Reduction Verification Decision Document was completed and indicated that there is justification for enhancements to monitoring movement of material through the right spillway chute drain outfall. After identifying a preferred solution, a project plan will be prepared for implementing/constructing these monitoring enhancements.

In 2022 an issue evaluation was completed to assess the continued sand migration into the spillway underdrains located beneath the upper spillway chute. The risk analysis indicated justification for moving into corrective actions to prevent further sand migration. Repair alternatives will be identified during a corrective action study in 2026.

2026 Outlook

During the winter months, the reservoir will be regulated to maintain elevation 2,944.0 feet (2.0 feet below the top of conservation capacity). Releases from Merritt Reservoir are typically regulated to fill the conservation capacity during the early spring to alleviate erosive action to the lands around the reservoir and to maximize all benefits associated with the reservoir. This filling generally takes place during April. In 2025, the reservoir elevation will be held half a foot below conservation due to the ongoing Safety of Dams project mentioned in the previous section. If weather conditions or irrigation demands dictate, it may be necessary to begin filling the reservoir prior to this time. This reservoir level will be maintained until irrigation releases begin dropping the pool level. Following the irrigation season the reservoir will begin to refill to elevation 2,944.0 feet. A release of 50 ft³/s will be made to the Snake River typically beginning the second week of October and will continue until the reservoir reaches the desired winter elevation.

North Loup Division in Nebraska

General

The North Loup Division is in the Loup River drainage basin. Water is diverted from both the Calamus and North Loup Rivers for the irrigation of approximately 56,100 acres of project lands. Operation of the division also provides a sustained groundwater supply for an additional 17,000 acres. Principal features of the division include Virginia Smith Dam and Calamus Reservoir, Calamus Fish Hatchery, Kent Diversion Dam, Davis Creek Dam and Reservoir, five principal canals, one major and one small pumping plant and numerous open ditch and buried pipe laterals.

Calamus Reservoir is normally regulated at three to four feet below the top of conservation capacity during the winter months. Maintaining the reservoir at this elevation during the winter helps avoid ice damage to the soil cement on the upstream face of the dam. After the ice clears in the spring, the reservoir is filled to conservation capacity. The North Loup Division project

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations
Forecast of 2026 Operations

operation is restricted to zero water diversions from the Calamus and North Loup Rivers during the months of July and August, and during the month of September whenever sufficient water is available in the storage reservoirs to deliver full water demands. During this time, inflows to Calamus Reservoir are to be bypassed as required in the Division's authorizing legislation.

Davis Creek Reservoir's level is typically maintained at an average elevation of 2,050.0 feet from the end of the irrigation season through the winter months. Off season seepage and evaporation has historically resulted in a reservoir drawdown of 2.5 to 3 feet. The carry-over content at this elevation provides a minimal recreational pool while reducing increases in groundwater storage due to reservoir seepage. The reservoir is filled by the Mirdan Canal starting in April and will generally reach full content by the end of June. A 160-acre recreation area adjoining the reservoir continues to be managed by the Lower Loup Natural Resources District. The area includes a boat ramp, a handicapped accessible fishing pier, a day-use area, a primitive camping area, shelter, and a hiking path. Public lands adjoining Kent Diversion Dam are managed by the Commission and are also open to day-use fishing with handicapped accessibility provided.

2025 Summary

Precipitation at Virginia Smith Dam was 35.13 inches, 139 percent of normal for the year. The inflow totaled 270,704 AF which was between the normal-year and wet-year forecasts. The reservoir level at the first of the year was elevation 2,239.68 feet (4.3 feet below the top of conservation). The conservation pool filled on April 3. The water supply was more than adequate for the district's needs. A total of 87,578 AF of water was released into Mirdan Canal and 12,039 AF was diverted through Kent Canal from the North Loup River. A total of 31,035 AF was diverted for district use above Davis Creek Reservoir. The farm head gate delivery was 16,419 AF (delivery efficiency of 53 percent). Land irrigated above Davis Creek Reservoir totaled 34,688 acres. The Calamus Fish Hatchery used bypassed natural flows and storage from the reservoir totaling 1,887 AF. Calamus Reservoir inflows were bypassed during July, August, and September as required. The elevation at the end of the year was 2,240.79 feet (3.2 feet below the top of conservation).

The precipitation total of 30.25 inches near Davis Creek Dam was 116 percent of normal. Inflow to Davis Creek Reservoir totaled 51,297 AF. The reservoir elevation at the first of the year was 2,056.37 feet. Beginning in mid-April, Davis Creek Reservoir was filled to a peak elevation of 2,076.66 feet on June 23 using diversions from Calamus Reservoir and the North Loup River. A release of 43,975 AF was made from Davis Creek Dam into Fullerton Canal, with 10,982 AF delivered to the farm head gates, which is a 25 percent delivery efficiency. There were 21,422 acres irrigated below Davis Creek Reservoir. The reservoir elevation at the end of year was 2,055.30 feet, 20.7 feet below the top of conservation.

2026 Outlook

Filling of Calamus Reservoir will continue through late winter and early spring. The reservoir will be allowed to fill to elevation 2,244.0 feet (top of conservation capacity) in late March or April. This reservoir level will be maintained to minimize shoreline erosion until demands begin to draw on the reservoir. In the fall the reservoir will be filled to an elevation of approximately 2,240.0 feet.

Water will be available for all irrigable acres with service from the Mirdan, Geranium and Scotia Canals and Lateral Systems. It is estimated that approximately 34,500 acres will be irrigated from these canals. Water supplies will be sufficient to meet the full dry-year requirements.

Filling of Davis Creek Reservoir will take place this spring with flows diverted from the North Loup River at Kent Division Dam and transported through Kent and Mirdan Canals. Storage water can also be transferred from Calamus Reservoir into Davis Creek Reservoir during the summer months through the Mirdan Canal. Water will be sufficient to irrigate an estimated 21,000 acres from Elba and Fullerton Canals under all inflow forecast conditions.

Requirements for the fish hatchery will be met in full in 2026.

Chapter III – Republican River Basin

Armel Unit, Upper Republican Division in Colorado

General

Bonny Reservoir has been drained since September of 2011, when the State of Colorado ordered all storage water evacuated for Republican River Compact compliance.

2025 Summary

The annual precipitation total of 19.71 inches at Bonny Dam was 111 percent of average. The annual computed inflow of 1,835 AF into Bonny Reservoir was below the dry-year forecast. Bonny Reservoir remains drained, and inflows continue to be bypassed for the purpose of compact compliance in 2025.

As directed by the Colorado State Water Commissioner, water was to be bypassed through the reservoir into the South Fork Republican River as ordered by the Colorado State Engineer for compact compliance.

2026 Outlook

The State of Colorado's order to release all the storage in Bonny Reservoir for Republican River Compact compliance remains in effect.

The Colorado State Water Commissioner is expected to direct that water be bypassed into the South Fork Republican River again in 2026.

Frenchman Unit, Frenchman-Cambridge Division in Nebraska

General

The Culbertson Canal serves 9,292 acres in the Frenchman Valley Irrigation District. The water supply for these lands is furnished by flows from Frenchman and Stinking Water Creeks and off-season storage in Enders Reservoir located on the Frenchman Creek, a tributary of the Republican River in southwest Nebraska. Irrigation releases are conveyed via the Frenchman Creek from Enders Reservoir to Culbertson Diversion Dam.

The normal operation of Enders Reservoir, with the gradual rise in water surface during the spring months, provides desirable fish spawning conditions. Irrigation releases normally deplete the conservation storage by late summer, thereby limiting the fishing and recreational usage. Due to extremely low storage levels, irrigation releases have not been made from Enders Reservoir since 2003.

Annual reservoir inflows have steadily declined from around 61,000 AF when Enders Dam was constructed to only 4,000 AF in recent years. Extensive groundwater pumping from upstream well development along with various conservation practices have resulted in the depletion of inflows. The conservation pool has not filled since 1968.

2025 Summary

The annual precipitation total of 25.47 inches at Enders Dam was 132 percent of normal. The inflow into Enders Reservoir of 4,029 AF was between the dry-year and most probable forecast. The reservoir level began the year at 3,081.64 feet (31.7 feet below the top of conservation). This was the second lowest start of the year elevation recorded since initial filling and is 0.64 feet above the outlet works intake sill (deadpool).

After accelerated coatings failure was noticed in the similarly dry outlet works at Bonny Dam, NKAO Maintenance staff determined it would be prudent to keep Ender's outlet works full. In addition, inflow projections for Enders have continually decreased. Therefore, NKAO determined that rehabilitation of the pump-back system would be beneficial. The pump-back system was put back into service in May of 2023 to recapture seepage out of the reservoir. Approximately 1,217 AF was pumped into Enders in 2025. The reservoir level increased gradually during the spring to a peak elevation of 3,081.99 feet on June 27.

Evaporation decreased the reservoir level from July through mid-August reaching elevation 3,081.16 feet on August 21. Due to the extremely low water supply available, no water was released from Enders Reservoir during the irrigation season. The end of the year reservoir level was 3,081.43 feet (30.6 feet below the top of conservation). A daily plot of the reservoir elevation is shown in figure 1.

The Frenchman Valley Irrigation District did not divert the natural flow from Frenchman Creek in 2025.

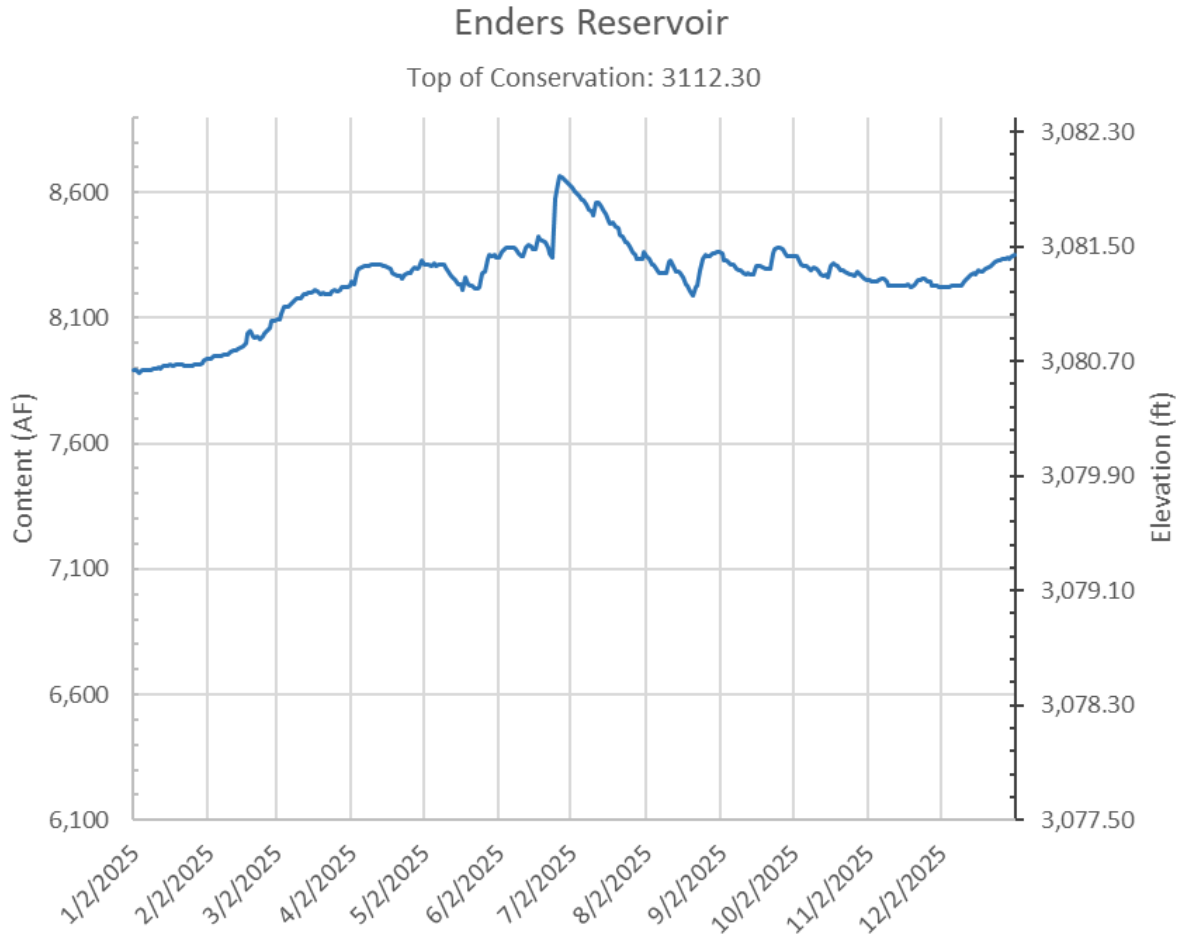


Figure 1.—Enders Reservoir elevation and content.

2026 Outlook

The fall and early winter inflows into Enders Reservoir were near the dry-year forecast. In all forecasts the project water supply is expected to experience significant shortages and supplies will be inadequate to irrigate the 9,292 acres in the Frenchman Valley Irrigation District.

The Frenchman Valley Irrigation District is investigating possible alternatives for the most efficient use of the declining water supply in the basin.

On February 4, 2025, the Frenchman Valley board voted to pursue title transfer of the Culbertson Canal, Culbertson Diversion dam, dam tender house, and Frenchman Valley Irrigation District main office. After title transfer, Frenchman Valley Irrigation District will likely seek to cancel their water supply contract with Reclamation for Enders Dam.

Meeker-Driftwood, Red Willow, and Cambridge Units, Frenchman-Cambridge Division in Nebraska

General

Service is provided for Frenchman-Cambridge Irrigation District by Meeker-Driftwood Canal to 16,691 acres; Red Willow Canal to 4,643 acres; Bartley Canal to 6,130 acres; and Cambridge Canal to 18,205 acres. The water supply for these lands is provided by storage in Swanson, Hugh Butler, and Harry Strunk Lakes, and inflows of the Republican River and Red Willow and Medicine Creeks. The Frenchman-Cambridge Irrigation District has replaced all open ditch laterals with buried pipe, where economically feasible, significantly increasing both system and on-farm efficiencies.

2025 Summary

The annual precipitation total of 24.99 inches at Trenton Dam was 123 percent of normal. The inflow of 26,373 AF to Swanson Lake was between the dry-year forecast and most probable. The lake level began the year at elevation 2,737.24 feet (14.8 feet below the top of conservation) and gradually increased throughout the late winter and spring to a yearly peak elevation of 2,740.45 on June 18. Irrigation releases started June 16. The irrigation releases decreased the reservoir level to an elevation of 2,734.87 on September 15. In late fall, inflows exceeded evaporation leading to an end of year elevation of 2,736.52 feet (15.5 feet below the top of conservation). The district diverted 15,713 AF into Meeker-Driftwood Canal and delivered 6,849 AF to 6,361 acres of district lands (a delivery efficiency of 44 percent). A daily plot of the reservoir elevation is shown in figure 2. Trenton Dam prevented \$1,300 of downstream flood damages during 2025 according to the Corps of Engineers.

On November 25, the Nebraska Department of Water, Energy, and Environment (DWEE) issued an administration notice for all Reclamation reservoirs upstream of Harlan County. Approximately 1,362 AF was released from Swanson Lake from November 26 to December 10.

In late February 2013, the Upper Republican Natural Resources District (URNRD) began operating the Rock Creek Augmentation Project. The augmentation water is pumped from the ground and diverted into Rock Creek. The water flows from Rock Creek into the North Fork of the Republican River at Parks, Nebraska. From there the water travels approximately 35 miles to Swanson Lake. The URNRD did not pump water into Rock Creek in 2025 but did begin to pump in January of 2026.

The Republican River Water Conservation District (RRWCD) built and completed the Colorado Compliance Pipeline in April 2014. The augmentation water is pumped from the ground and flows approximately 12 miles south to the North Fork of the Republican River just above the Colorado-Nebraska state line. The water then travels approximately 55 miles to Swanson Lake. The RRWCD pumped water in the spring of 2025 and late fall of 2025 for compact compliance.

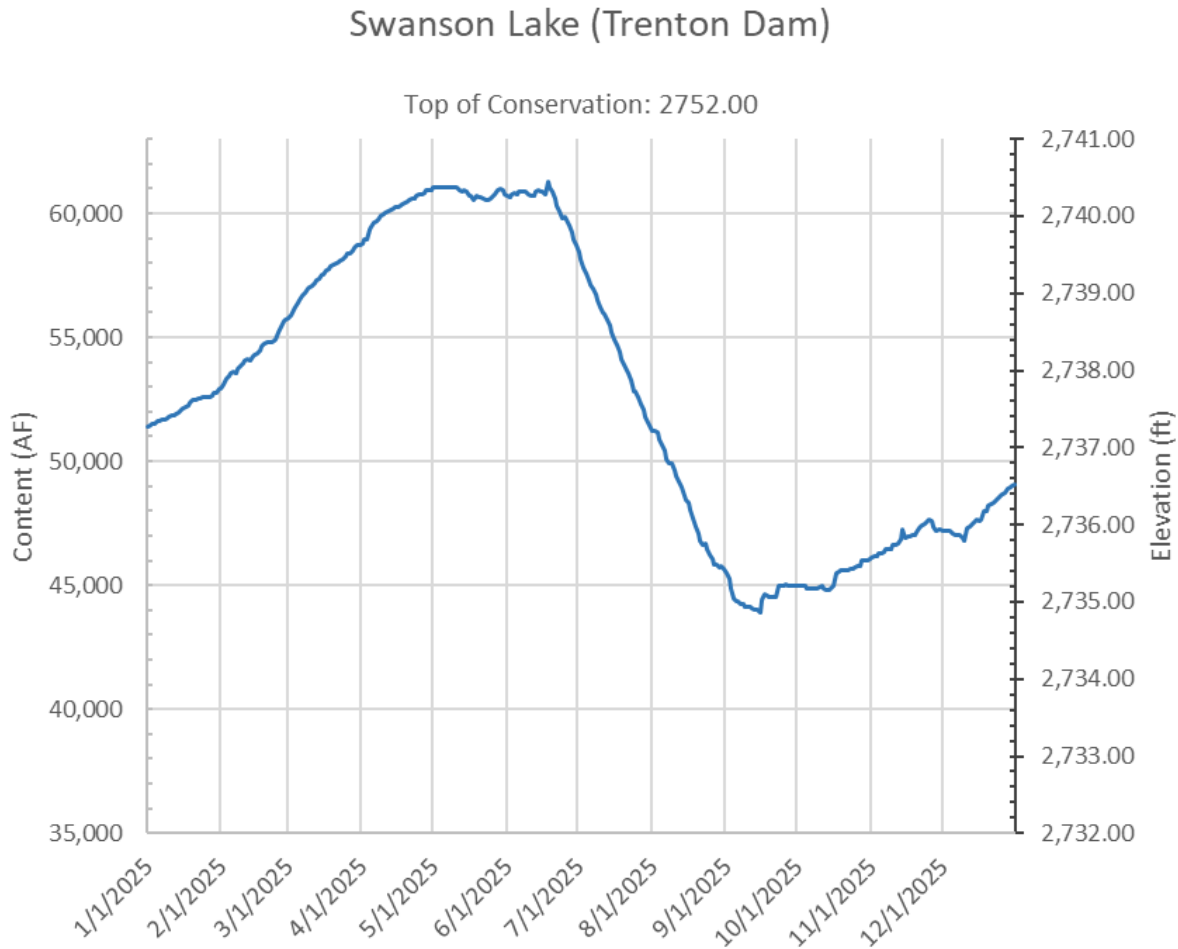


Figure 2.—Swanson Lake elevation and content.

The annual precipitation total at Red Willow Dam was 22.90 inches (115 percent of normal). The annual inflow of 6,394 AF into Hugh Butler Lake was below the dry-year forecast and was the second lowest on record. The reservoir level at the first of the year was 2,563.79 feet (18.0 feet below the top of conservation). Spring inflows gradually increased the lake elevation to a peak of 2565.71 on June 30. Due to low reservoir content, no irrigation releases were made in 2025. Evaporation exceeded inflows in the early fall and reached a fall low elevation of 2,564.96 feet on September 13. In late fall, inflows exceeded evaporation leading to an end of year elevation of 2,565.47 feet (16.3 feet below the top of conservation). A daily plot of the reservoir elevation is shown in figure 3, on the following page. The district did not diverted into Red Willow Canal but was able to deliver 7 AF to 26 acres of district lands with pumps along the river. Bartley Canal diverted 6,320 AF and delivered 1,683 AF to 2,405 acres of district lands (a delivery efficiency of 26 percent).

On November 25, the Nebraska Department of Water, Energy, and Environment (DWEE) issued an administration notice for all Reclamations reservoirs upstream of Harlan County. Approximately 352 AF was released from Hugh Butler Lake from November 26 to December 11.

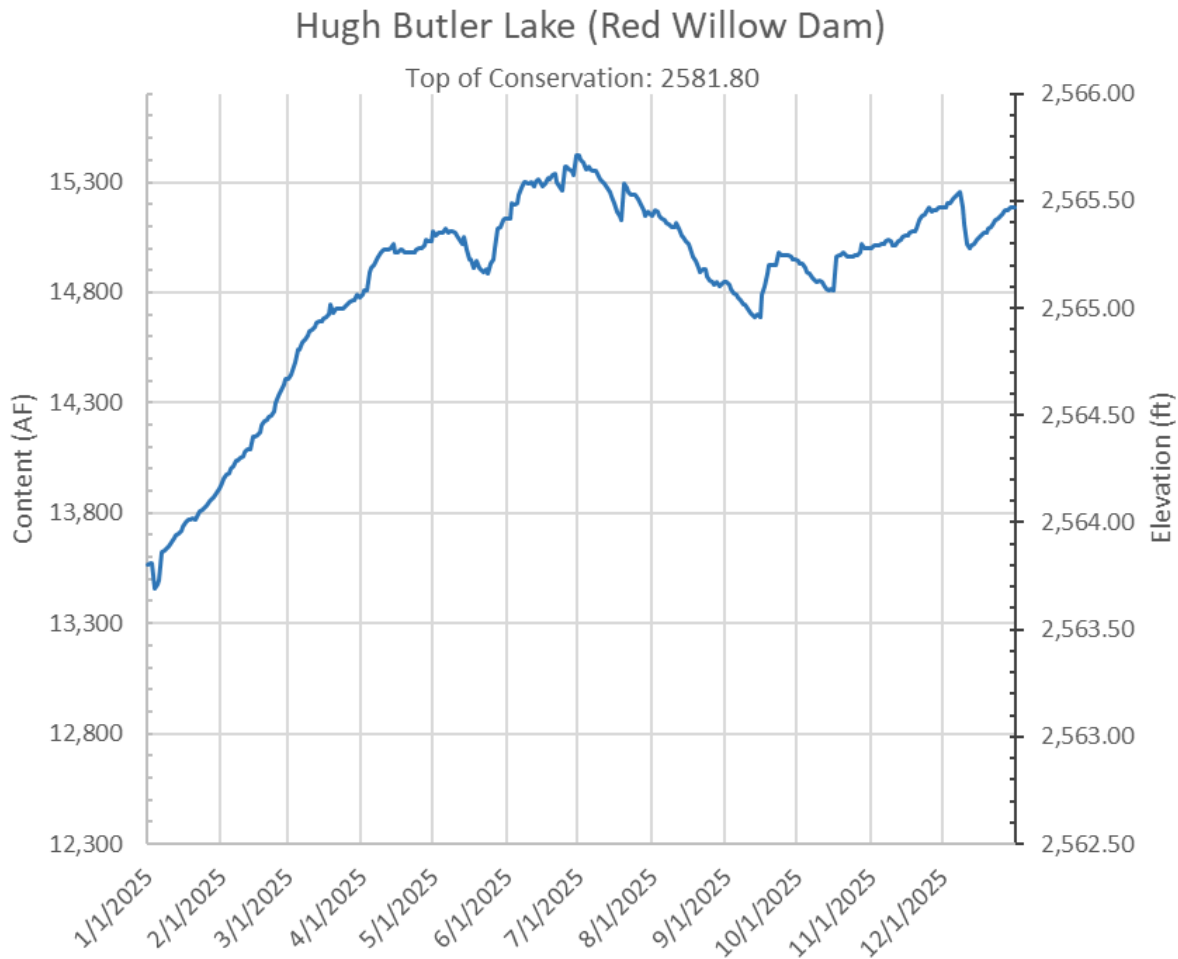


Figure 3.—Hugh Butler Lake elevation and content.

The annual precipitation total of 20.76 inches at Medicine Creek Dam was 98 percent of normal. The inflow of 30,887 AF was between the dry-year and average forecast. The reservoir level at the beginning of the year was 2,362.98 feet (3.1 feet below the top of conservation). A minimum gate release was initiated on February 28 to keep water from going over the uncontrolled spillway. The release ceased on March 18, and the reservoir filled on March 25. Releases were started on April 21 to flush Cambridge Canal. The reservoir level peaked at elevation 2,367.09 feet (1.0 feet above conservation) on April 28. These releases ceased May 20 and the

Nebraska-Kansas Area Office – Annual Operating Plan
 Summary of 2025 Operations
 Forecast of 2026 Operations

reservoir filled again on May 30. Irrigation releases started in earnest June 9. Irrigation releases drew the lake down to elevation 2,355.85 feet on September 4 when releases ceased. A daily plot of the reservoir elevation is shown in figure 4.

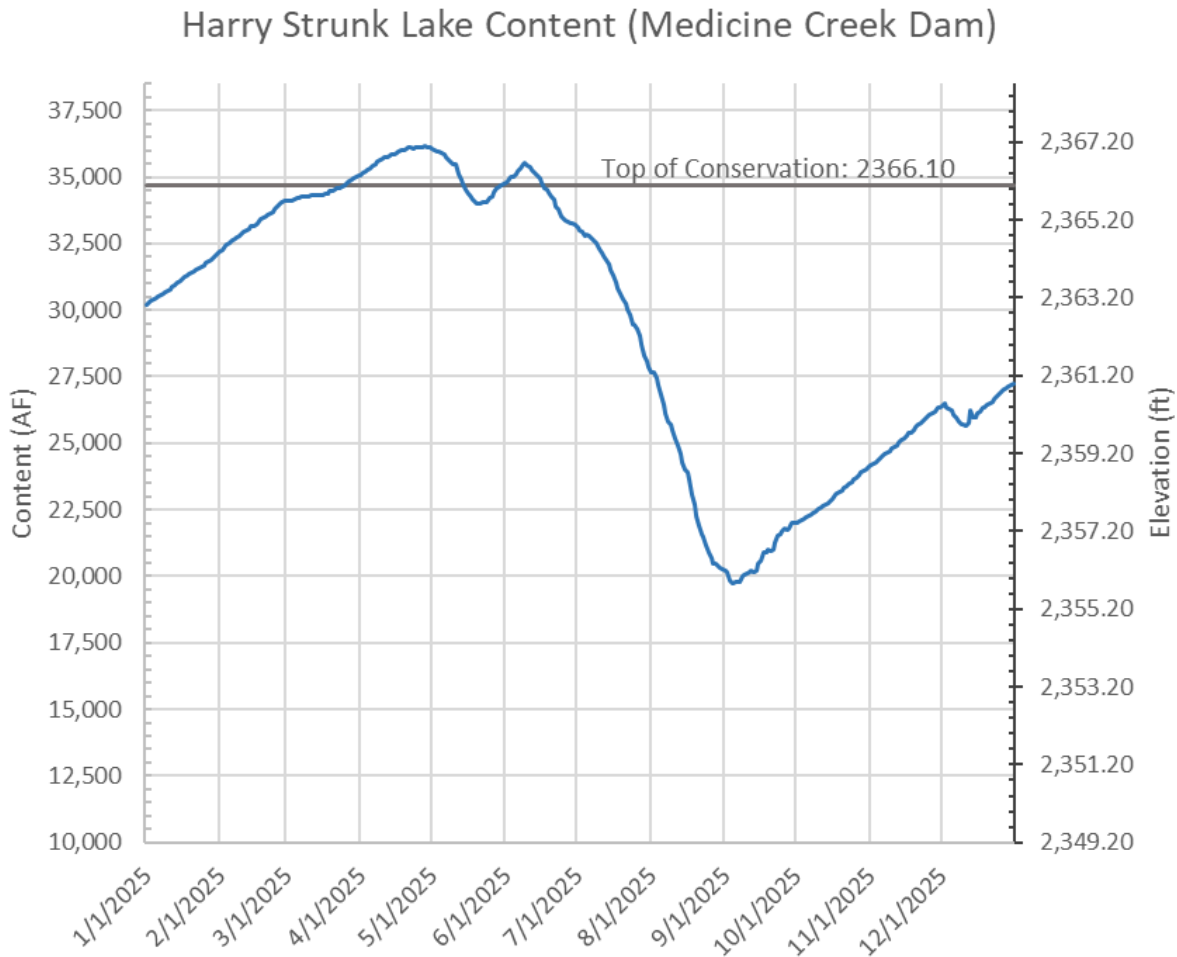


Figure 4.—Harry Strunk Lake elevation and content.

The district diverted 22,994 AF into Cambridge Canal and delivered 10,195 AF to 13,056 acres of district lands (a delivery efficiency of 44 percent). The end of year elevation was 2,361.00 feet (5.1 feet below the top of conservation).

On November 25, the Nebraska Department of Water, Energy, and Environment (DWEE) issued an administration notice for all Reclamation reservoirs upstream of Harlan County. Approximately 1,416 AF was released from Harry Strunk Lake from November 26 to December 11.

The Nebraska Cooperative Republican Platte Enhancement Project (N-CORPE) is an interlocal agency formed by the Upper Republican Natural Resources District (URNRD), the Middle Republican Natural Resources District (MRNRD), the Lower Republican Natural Resources District (LRNRD), and the Twin Platte Natural Resources District. N-CORPE has constructed an augmentation project that pumps groundwater from Lincoln County into the Medicine Creek. The delivery system consists of a 42-inch diameter pipe approximately 6 miles long. The pumped water enters at the source of Medicine Creek and travels approximately 57 stream miles to Harry Strunk Lake. The capacity of the project is approximately 87 ft³/s (63,000 AF annually). The augmentation project was not operated in 2025 but was started in early January 2026.

2026 Outlook

Forecasts show that carry-over storage, streamflow gains, plus reasonable minimum inflows for the three lakes supplying the Frenchman-Cambridge Irrigation District will be inadequate to meet the full dry-year irrigation requirement. The water supply will be adequate in the normal and wet-year conditions. On February 13, 2026 the district notified Reclamation and its water user that it had voted to not operate the Red Willow Canal due to insufficient storage in Red Willow Dam.

Almena Unit, Kanaska Division in Kansas

General

Service is available to 5,764 acres in the Almena Irrigation District. The project water supply is provided by Prairie Dog Creek flows and Keith Sebelius Lake storage.

The water service contract for the City of Norton, KS, provides for a maximum annual use of 1,600 AF from Keith Sebelius Lake.

In 2017, the Almena Irrigation District and the Norton County Community Foundation, Inc. entered into a Memorandum of Agreement (MOA) to maintain a minimum pool elevation in Keith Sebelius Lake through December 31, 2027. The MOA was approved by the irrigators within the district and provided that no water would be released for irrigation below elevation 2,288.5 feet (10,126 AF.)

On November 22, 2019, the district executed an amendment to their contract which changed the irrigation season start date from May 1 to February 1.

2025 Summary

The annual precipitation at Norton Dam totaled 22.18 inches, 89 percent of normal. The total inflow of 4,435 AF was between the dry and average year forecast. The reservoir elevation was 2,292.61 feet (11.7 feet below the top of conservation) at the first of the year. Late winter, spring and summer inflows gradually increased the lake level to a yearly peak of 2,293.22 feet on March 28. Irrigation releases began June 25 and finished for the season on July 30.

Approximately 1,575 AF was released from Norton Dam for irrigation. No water was diverted into the Almena Canal. All water was instead bypassed at the diversion dam and pumped out of Prairie Dog Creek at various locations below. Approximately 1,051 AF was delivered to farms. Inflows in November and December exceeded evaporation, gradually increasing the elevation to the end of year elevation of 2,290.68 feet (13.6 feet below the top of conservation). A daily plot of the reservoir elevation is shown in figure 5.

The city of Norton used 346 AF of municipal water during 2025.

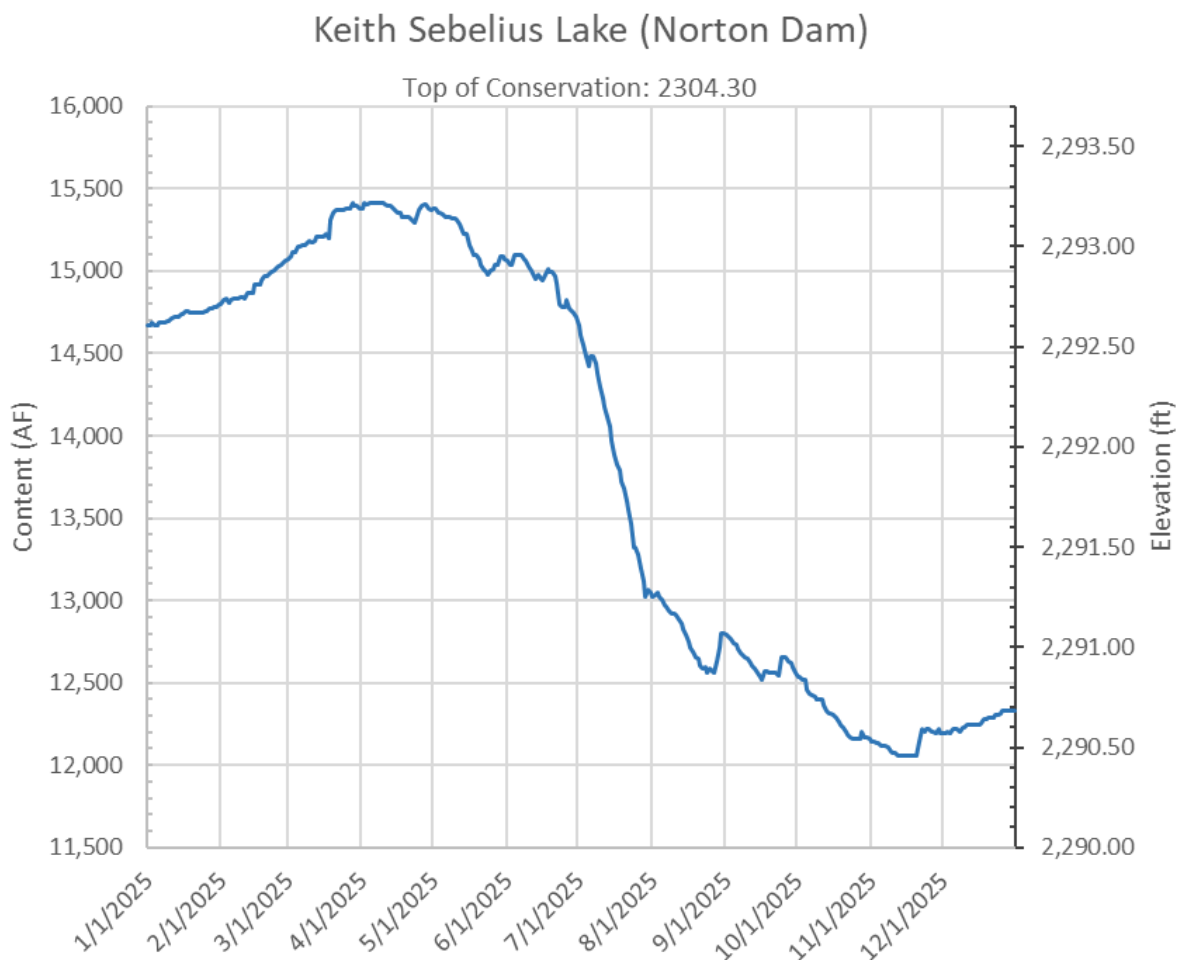


Figure 5.—Keith Sebelius Lake elevation and content.

2026 Outlook

If 2026 is a dry year without significant runoff producing storms above Keith Sebelius Lake, it is anticipated that the water supply may be inadequate by as much as 5,500 AF. If normal inflow into the lake and normal rainfall over the irrigated area occur in 2026, a shortage of 1,300 AF may be experienced. The water supply will be adequate under wet-year conditions. The district has indicated they plan to irrigate only from Prairie Dog Creek into the future. The district has also indicated they plan to eventually abandon the canal. Requirements for the city of Norton will be met in full in 2026.

Franklin, Superior-Courtland, and Courtland Units, Bostwick Division in Nebraska and Kansas

General

Harlan County Lake storage and Republican River flows provide a project water supply for 22,455 acres in the Bostwick Irrigation District in Nebraska, and 13,378 acres in the Kansas Bostwick Irrigation District No. 2 (KBID) above Lovewell Reservoir. Storage and natural flows, together with White Rock Creek flows and Lovewell Reservoir storage, furnish a water supply for 29,122 acres below Lovewell Reservoir in the KBID.

The lands in the Franklin and Superior-Courtland Units are in the Bostwick Irrigation District in Nebraska. The lands in the Courtland Unit downstream of the Kansas state line are in the KBID.

In accordance with the off-season flow alternative outlined in Reclamation's final environmental assessment dated December 16, 1983, and amended on November 21, 2002, Harlan County Lake releases will be 10 ft³/s during the months of December, January, and February, except when the reservoir is at low levels. During water-short years releases for these three months will be either zero or five ft³/s depending on reservoir levels.

Natural gain in streamflow, irrigation return flows, and operational bypass at Superior-Courtland Diversion Dam will provide some flow downstream.

The Kansas Department of Wildlife and Parks has requested that the KBID and Reclamation maintain, when possible, a flow of 20 ft³/s into Lovewell Reservoir when the Courtland Canal is in operation and the conservation pool is below capacity. This recommended inflow provides excellent fishing around the canal inlet to the reservoir. The seepage below Lovewell Dam into White Rock Creek maintains a small live stream throughout the year.

Bostwick Division - Harlan County Lake Operations - 2025 Summary

The annual precipitation at Harlan County Dam totaled 25.84 inches of rainfall, 111 percent of normal. The 2025 inflow of 60,181 AF was between the minimum and average-year forecast. Harlan County Lake began 2025 at 1,937.59 feet (8.1 feet below the top of conservation).

The conservation pool did not fill in 2025 and peaked at 1,939.54 feet (6.1 feet below top of conservation) on June 4. Irrigation releases started June 9 and finished on September 10. Irrigation releases drew the lake elevation down to 1,934.54 feet. Evaporation exceeded inflows during the early fall and the yearly low of 1,934.40 feet occurred on October 24. Inflows in the later part of the fall exceeded evaporation. The end of year elevation was 1,935.12 feet (10.6 feet below the top of conservation). A plot of the reservoir elevation is shown in figure 6.

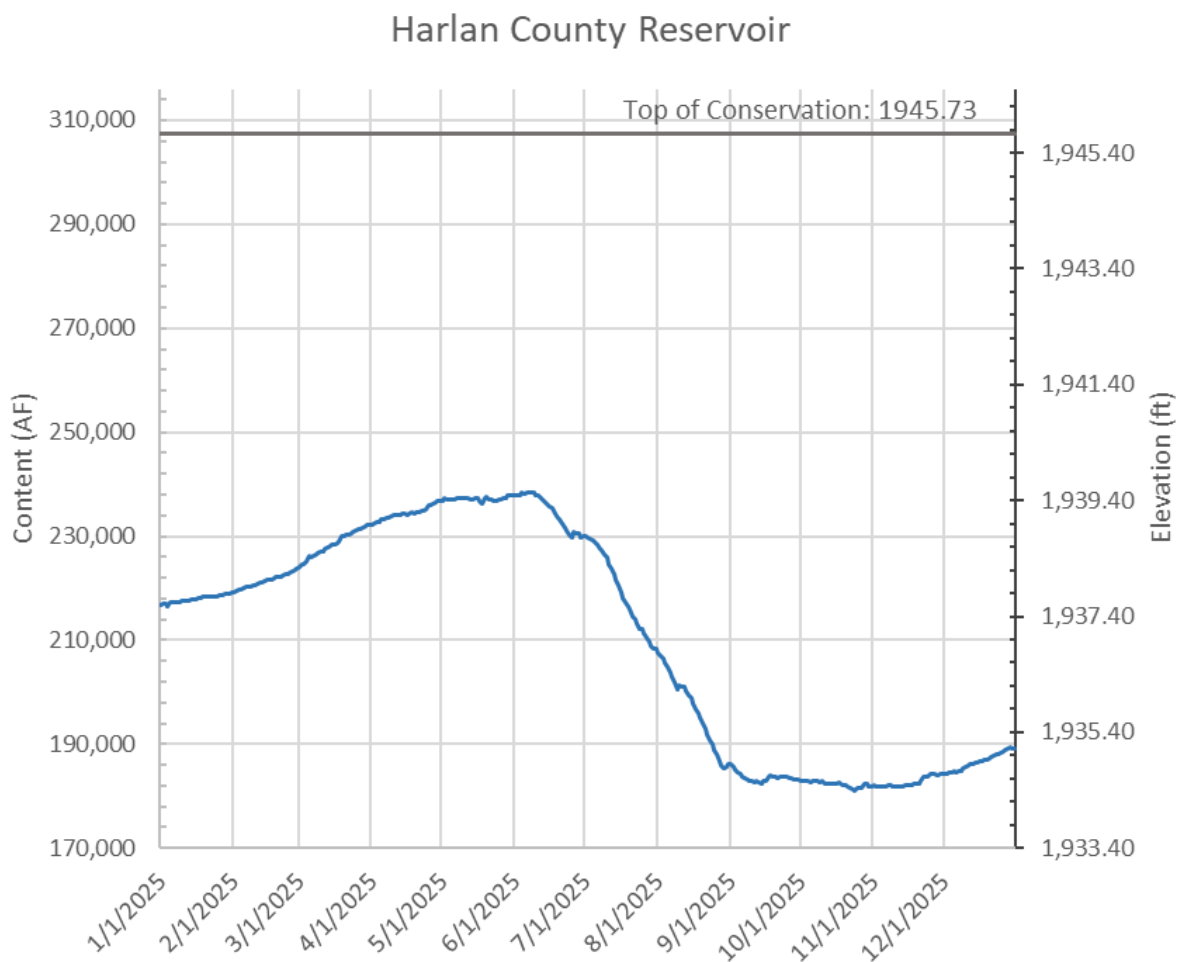


Figure 6.—Harlan County Lake elevation and content.

Harlan County Lake prevented \$6,600 of downstream flood damages during 2025 according to the Corps of Engineers.

Irrigation releases from Harlan County Lake into Franklin and Naponee Canals totaled 21,924 AF. Approximately 7,012 AF was delivered to farms for an efficiency of 24 percent.

Approximately 22,037 AF was delivered to Lovewell Reservoir via the Courtland Canal during 2025. This accounted for approximately 38 percent of the total Lovewell Reservoir inflow.

Bostwick Division – Nebraska - 2025 Summary

Irrigation diversions were made into Franklin, Naponee, Franklin Pump, Superior, and Courtland Canals in Nebraska in 2025. The district diverted 31,183 AF of water for approximately 18,976 acres, and delivered 7,795 AF to the farm head gates (25 percent delivery efficiency).

Bostwick Division – Kansas – 2025 Summary

The 2025 precipitation at Lovewell Dam totaled 27.79 inches, 100 percent of normal. The total annual inflow recorded at Lovewell Reservoir was 58,733 AF. Approximately 36,696 AF of the inflow was from White Rock Creek, which was between the normal-year and wet-year forecasts. The reservoir elevation at the beginning of 2025 was 1,578.87 feet (3.7 foot below top of conservation). Irrigation releases for canal seasoning/flushing began May 29 with releases in earnest starting mid-June and continuing until September 12.

On June 30, overnight rains of 4-6 inches in the White Rock Creek basin raised the lake elevation to a yearly peak of 1,586.90 (4.3 feet above top of conservation) on July 3. Flood releases were staged up to 600 ft³/s on July 2. As the reservoir elevation neared 2 foot into the flood pool releases to the river were ceased. During the week of July 17, the dam recorded an additional 6.22 inches of rain causing the elevation to rise nearly two feet in a week's time. Flood releases were again staged up to 400 ft³/s to the river on July 22. Flood releases ceased on August 6 as the lake elevation dropped below two feet into the flood pool. Approximately 21,500 AF of flood storage was utilized for irrigation and 8,800 AF was released to the river. Lovewell reservoir remained in the flood pool for 88 consecutive days in 2025.

Irrigation releases lowered the lake to an annual low of 1,579.12 (3.5 feet below conservation) on September 12. Republican River flow was not diverted via the Courtland Canal into Lovewell Reservoir after the irrigation season due to a FEMA funded reshaping of the upper Courtland Canal. The pool level at the end of the year was 1,579.12 feet (3.5 foot below top of conservation). A plot of the reservoir elevation is shown in figure 7, on the following page.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations
Forecast of 2026 Operations

KBID diverted a total of 48,818 AF to serve 13,694 acres above Lovewell Dam and 26,672 acres below Lovewell Dam. District farm delivery totaled 27,265 AF (efficiency of 56 percent). Lovewell Reservoir prevented zero downstream flood damages during 2025 according to the Corps of Engineers.

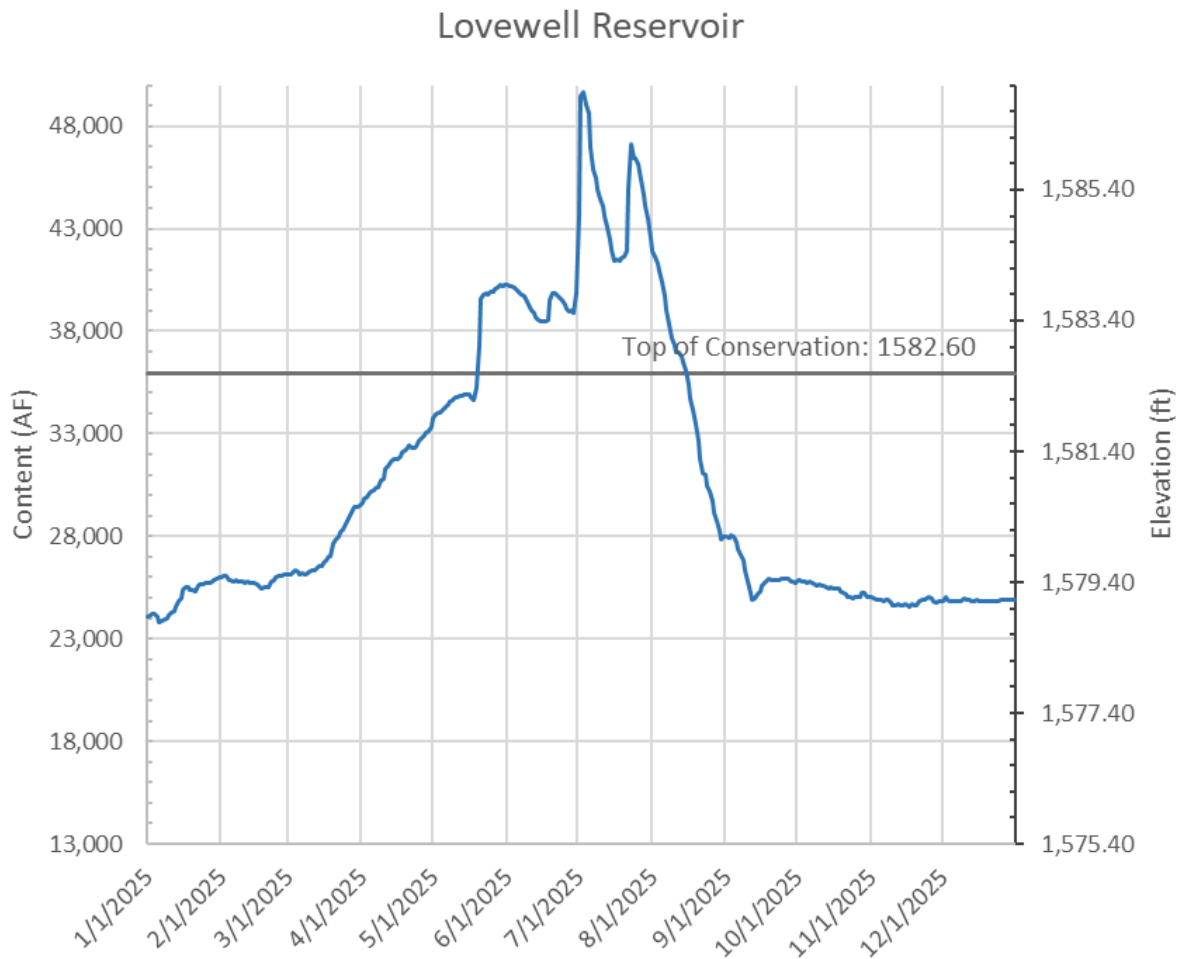


Figure 7.—Lovewell Reservoir elevation and content.

Bostwick Division – 2026 Outlook

The storage in Harlan County Lake is expected to be inadequate in meeting the full dry-year irrigation requirement by 20,200 AF. Lovewell Reservoir and flows of the Republican River and White Rock Creek are expected to be adequate in meeting the full dry-year irrigation requirement. The water supply will be adequate under normal-year and wet-year conditions.

Chapter IV - Smoky Hill River Basin

Kirwin Unit, Solomon Division in Kansas

General

The water supply for the 11,465 acres of land in the Kirwin Irrigation District is furnished by Kirwin Reservoir storage and inflows from the North Fork Solomon River and Bow Creek.

The operation of Kirwin Dam and Reservoir affords many opportunities for recreation, fishing, hunting, fish spawning, and preservation of waterfowl species.

The U.S. Fish and Wildlife Service (Service) has completed the Kirwin National Wildlife Refuge Comprehensive Conservation Plan (CCP). The 1997 National Refuge System Improvement Act required the Service to develop a CCP for each of its refuges. The Kirwin Refuge CCP will guide the refuge management activities through 2026.

2025 Summary

The annual precipitation total of 30.05 inches at Kirwin Dam was 125 percent of normal. The inflow of 10,898 AF was below the dry-year forecast. The reservoir level was 1,716.23 feet (13.0 feet below the top of conservation) at the first of the year. The reservoir peaked at elevation 1,716.91 feet on May 1. Irrigation started June 30 and continued through August 27. The reservoir level gradually decreased throughout the fall and early winter to a minimum elevation of 1,711.46 feet on November 18. The reservoir level increased as inflow exceeded evaporation to elevation 1,711.71 feet on December 31 (15.3 feet below the top of conservation). A daily plot of the reservoir elevation is shown in figure 8 on the following page.

A total of 13,475 AF was released into Kirwin Canal to irrigate 9,323 acres of project lands. Approximately 5,712 AF was delivered to farms (42 percent efficiency).

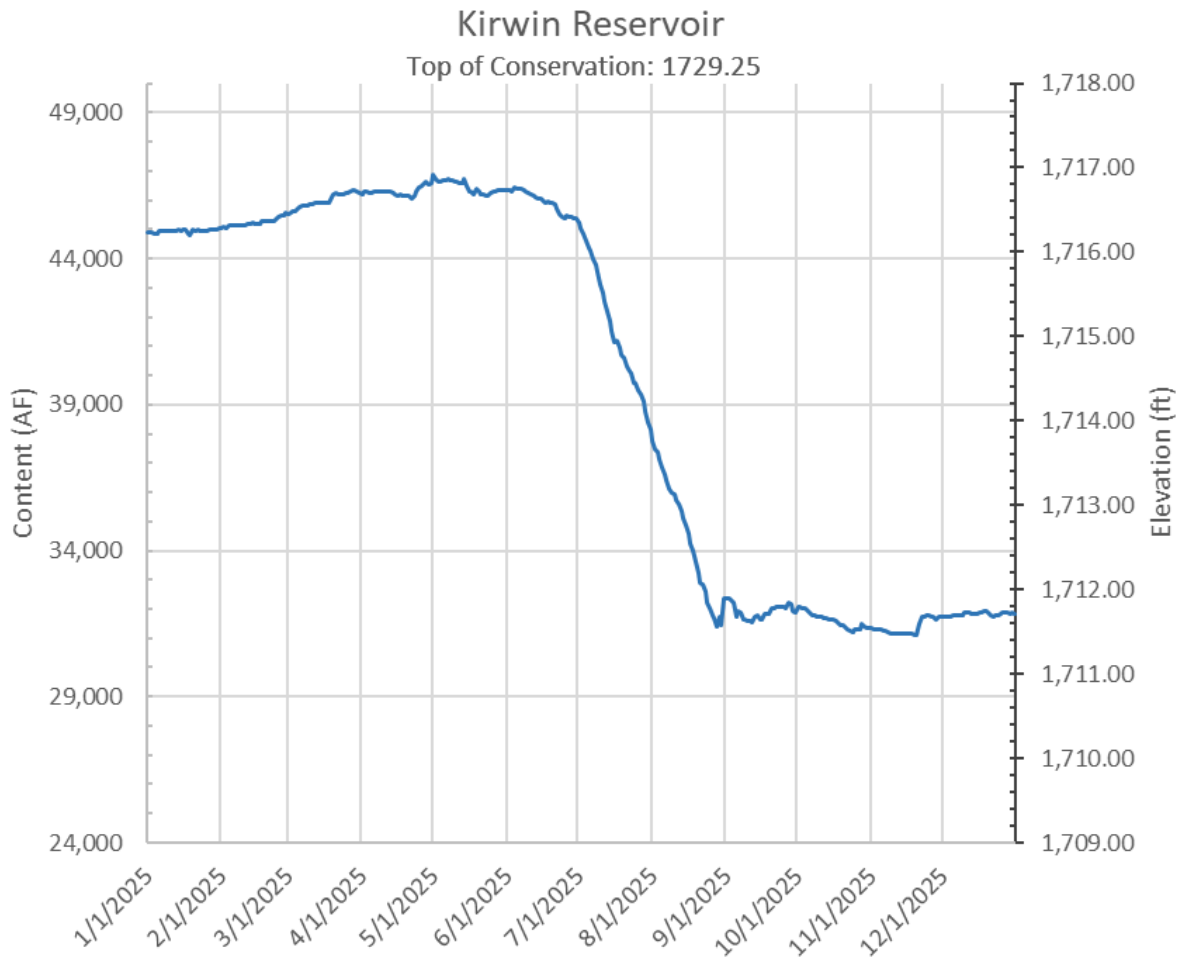


Figure 8.—Kirwin Reservoir elevation and content.

2026 Outlook

The carry-over storage and the flows in the North Fork Solomon are expected to be inadequate in meeting the full dry-year irrigation requirement by 6,100 AF. Carry-over storage and the forecasted inflows in the North Fork of the Solomon River are expected to be adequate to irrigate all district lands under all other forecasted conditions.

Webster Unit, Solomon Division in Kansas

General

The Webster Irrigation District has service available to 8,537 acres. The project water supply is provided by Webster Reservoir storage and flows of the South Fork Solomon River.

2025 Summary

In 2025, the precipitation at Webster Dam was 95 percent of normal (22.85 inches). The inflow of 4,230 AF was below the dry-year forecast. The reservoir level was 1,866.99 feet (25.5 feet below the top of conservation pool) at the first of the year. The reservoir climbed to a yearly peak of 1,867.57 feet (24.9 feet below top of conservation) on May 9. Due to low water supply no releases were made for irrigation in 2025.

The reservoir level gradually decreased throughout the fall to a minimum elevation of 1,866.16 feet on November 20. The reservoir level came up briefly in November from a runoff event, but shortly after evaporation exceeded inflow and the end of year elevation was 1,866.19 feet on December 31 (26.3 feet below the top of conservation). A daily plot of the reservoir elevation is shown in figure 9 below.

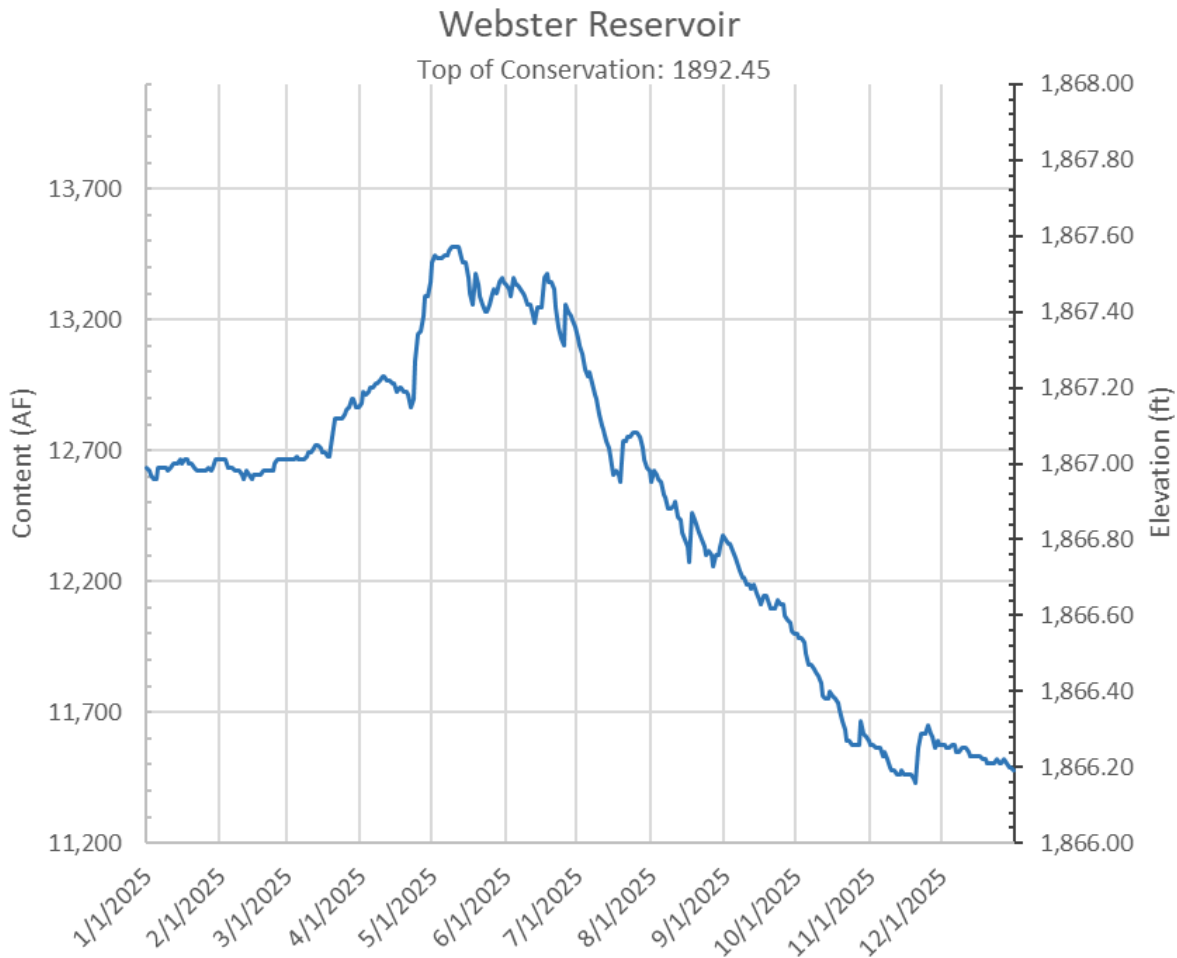


Figure 9.—Webster Reservoir elevation and content.

2026 Outlook

The carry-over storage and the flows in the South Fork Solomon River are expected to be inadequate in meeting the full dry-year irrigation requirement by 31,700 AF. Carry-over storage and natural flow are expected to be inadequate to irrigate all district lands under the normal-year forecast. Carry-over storage and natural flow are expected to be adequate to irrigate all district lands under the wet-year forecasts.

Glen Elder Unit, Solomon Division in Kansas

General

Releases from Waconda Lake are regulated as outlined in two memorandums of understanding between the State of Kansas and Reclamation. Releases are made for the City of Beloit, the Mitchell County Rural Water District No. 2, the long-term water service contract with Glen Elder Irrigation District, and for water right administration.

The water service contract with the Mitchell County Rural Water District No. 2 provides for 1,009 AF of storage water as available from Waconda Lake.

The repayment contract with Beloit, Kansas, provides for the annual use of up to 2,000 AF from Waconda Lake storage. Water is measured at the Glen Elder Dam river outlet works. In 2019, the city began investigating building a pipeline from the city treatment facility to Mitchell County Rural Water District's treatment facility. In 2025, the city began construction of its municipal water line, establishing a connection from Glen Elder Dam to the city. This phase of the project includes the installation of a buried pipeline and integration with the existing supply line serving Mitchell County Rural Water District. Construction of a new pumping station is scheduled to commence in 2026.

The long-term water service contract with the Glen Elder Irrigation District (GEID) was set to expire in June 2017. A 1-year extension was signed May 18, 2018. Renewal of a long-term water service contract was completed in March of 2019. The new water service contract includes an upfront fee for a base 2,000 AF of water. GEID can request an additional 1,500 AF firm supply as needed. Additional water is available up to a total release of 15,170 AF at Reclamation's discretion. The contract's expiration date is March 12, 2059. Water is released and measured through the river outlet works.

When compatible with flood control operations, the operating criteria for Waconda Lake provides for a stable or rising pool level during the fish spawning period each spring.

When possible, Waconda Lake is allowed to fill during the late summer and early fall to flood exposed shoreline vegetation. This flooded aquatic vegetation is very beneficial to waterfowl management.

Waconda Lake is normally regulated at 1 to 2 feet below the top of conservation capacity during the winter months. Maintaining the lake at this level reduces shoreline erosion, provides a buffer for spring runoff, and lessens ice damage to the upstream face of Glen Elder Dam. Releases from Waconda Lake are regulated each year to maintain a constant water surface level while the lake is ice-covered. Extensive repairs to the soil cement occurred in 2022 and 2023.

2025 Summary

The annual precipitation total of 32.33 inches at Glen Elder Dam was 127 percent of normal. The inflow of 57,181 AF was between the dry and average-year forecast. The lake level at the beginning of the year was 1,449.14 feet (6.5 feet above the top of conservation). A release of 12 ft³/s was made throughout the spring for water quality bypass for the city of Beloit. Releases for the Glen Elder Irrigation District began July 8 and concluded September 8. The reservoir peaked at elevation 1,451.36 feet (4.2 feet below top of conservation) on November 26. A daily plot of the reservoir elevation is shown in figure 10. Following the irrigation season a release of 12 ft³/s, for the city of Beloit, continued throughout the fall and winter.

Waconda Lake ended the year at elevation 1,451.29 feet (4.3 feet below the top of conservation). Glen Elder Dam prevented \$5,300 of downstream flood damages during 2025 according to the Corps of Engineers.

Glen Elder Irrigation District irrigated 6,703 acres with natural flow releases of 7,135 AF. Approximately 1,349 AF was released from the district's storage account. The district delivered 2,317 AF to the farms (delivery efficiency of 30 percent). Waconda released 106 AF of storage for the City of Beloit. Releases to the Mitchell County Rural Water District No. 2 totaled 343 AF.

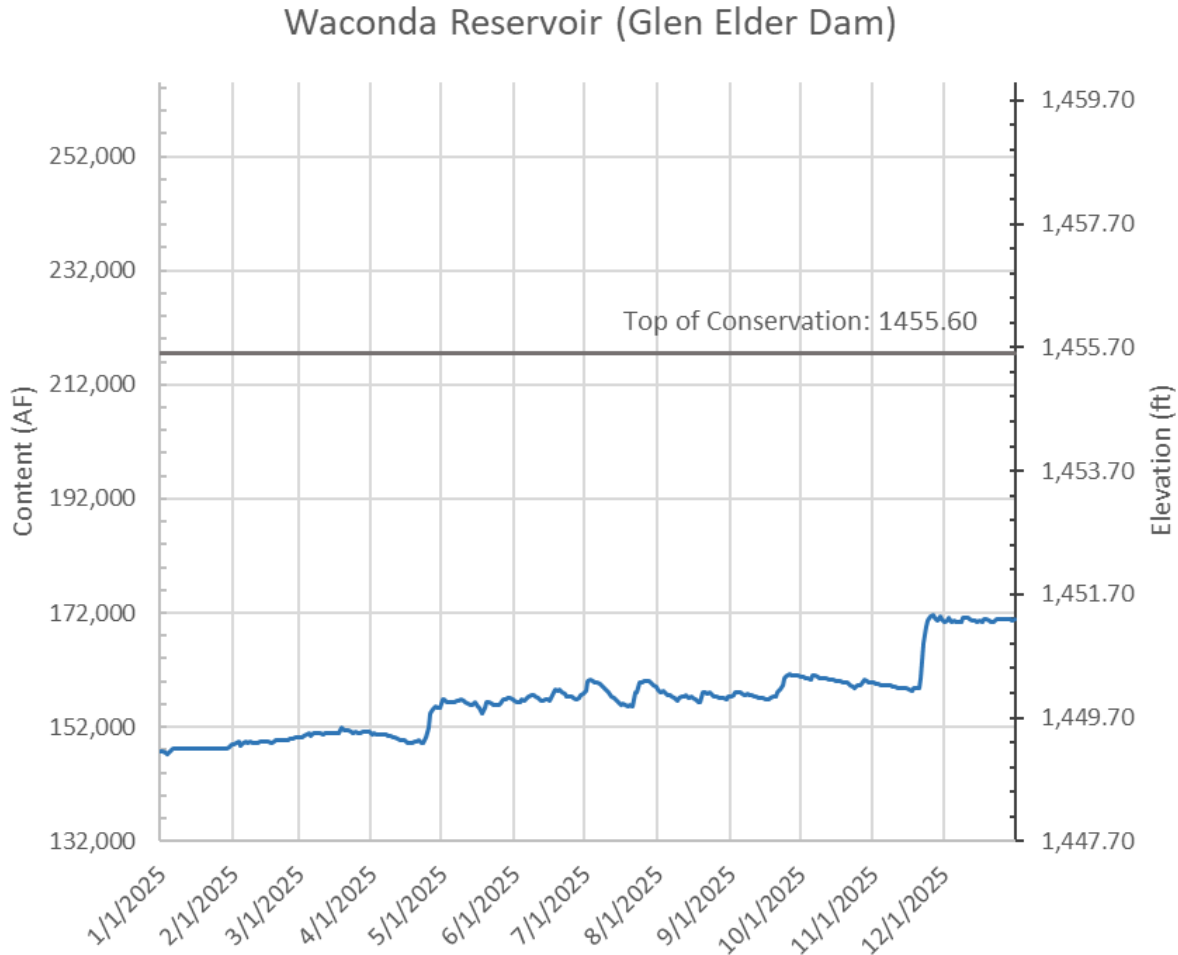


Figure 10.—Waconda Lake elevation and content.

2026 Outlook

The municipal requirement of Beloit and the requirements of the Mitchell County Rural Water District No. 2 will be met in full, making releases as required from Waconda Lake. It is expected that the Kansas Water Commissioner will request that inflows be passed through the lake for water right administration. The storage in Waconda Lake and flows in the North and South Forks of the Solomon River will furnish a full water supply to the Glen Elder Irrigation District. The reservoir will be regulated to maintain a constant level during the winter months when the reservoir is ice-covered to minimize ice damage. Under normal-year conditions, the lake is expected to be maintained between one and 2 feet below the top of the conservation pool during the winter.

Cedar Bluff Unit, Smoky Hill Division in Kansas

General

Cedar Bluff Reservoir storage furnishes a maximum supply of 2,000 AF each year for the City of Russell, KS when required. Prior to 1993, Cedar Bluff Reservoir storage and Smoky Hill River flows had provided a water supply for 6,800 acres in the Cedar Bluff Irrigation District. Reformulation of the Cedar Bluff Unit in October of 1992 resulted in the dissolution of the Cedar Bluff Irrigation District with the Kansas Water Office and Kansas Department of Wildlife and Parks acquiring the use and control of portions of the reservoir conservation capacity. A “designated operating pool” was established for Cedar Bluff Reservoir and includes the following sub allocation pools: The City of Russell's existing water storage right which remained unchanged (2,700 AF); an artificial recharge pool under control of the Kansas Water Office (5,110 AF); and a fish, wildlife, and recreation pool under control of the Kansas Department of Wildlife and Parks (KDWP) (21,061 AF). A “joint-use pool” has been established between the operating pool and the flood control pool for water supply, flood control, environmental and fish, wildlife, and recreation purposes. Water rights for the “joint-use pool” are held jointly between the KDWP and the Kansas Water Office. A Contract Administration Memorandum between the United States of America, represented by Reclamation, the State of Kansas, and the City of Russell was signed in November/December of 2003, establishing an accounting procedure for water storage in Cedar Bluff Reservoir. In January 2006 a memorandum of understanding was signed by the State of Kansas agencies, Kansas Water Office, and Kansas Department of Wildlife and Parks (KDWP). The KDWP will be responsible for the joint pool releases and for the water rights.

2025 Summary

The annual precipitation total at Cedar Bluff Dam was 23.31 inches, 110 percent of normal. The 2025 inflow of 7,684 AF was between the dry-year and average-year forecast. The reservoir level at the beginning of the year was 2,122.67 (21.3 feet below the top of conservation). For most of the year, evaporation exceeded inflow, and the reservoir water elevation declined to a yearly low and end of year elevation was 2,120.44 (23.6 feet below the top of conservation). A plot of Cedar Bluff Reservoir daily elevation and content is shown in figure 11.

A total of 986 AF of water was released for the City of Russell and 900 AF was released for the Kansas Water Office during May 2025 for recharge purposes. This was the first time a release was made from Cedar Bluff Dam since 2013. The State of Kansas operates and maintains the fish hatchery facility located below Cedar Bluff Dam. There were no releases to the facility in 2025.

Nebraska-Kansas Area Office – Annual Operating Plan
 Summary of 2025 Operations
 Forecast of 2026 Operations

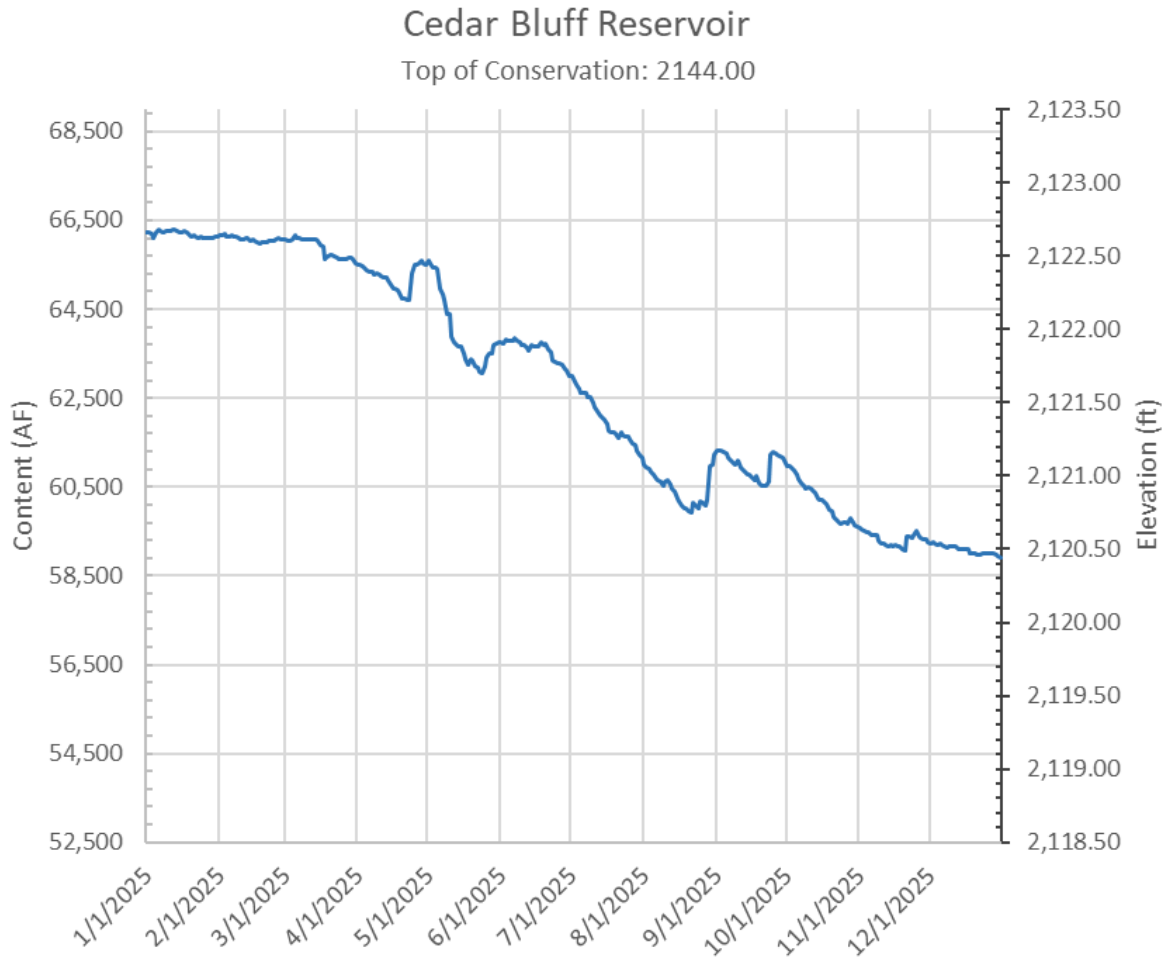


Figure 11.—Cedar Bluff Reservoir elevation and content.

2026 Outlook

Storage in Cedar Bluff Reservoir on December 31, 2025 was within the joint use pool. The KDWP is expected to use very little, if any, water for the operations of the fish hatchery facility. If conditions are dry, the City of Russell and the Kansas Water Office may request a release to the river for recharge in 2026.

Appendix A

Tables

A-1.—Reservoir Data – Niobrara, Lower Platte, and Kansas River Basins.....	A-1
A-2.—Summary of Precipitation, reservoir storage and inflows, calendar year 2025	A-2
A-3.—Acreage Irrigated in 2025	A-3
A-4.—Water Diverted in 2025	A-4
A-5.—Summary of 2025 Operations – Mirage Flats Project	A-5
A-6.—Summary of 2025 Operations – Sandhills Division, Ainsworth Unit	A-5
A-7.—Summary of 2025 Operations – North Loup Division	A-6
A-8.—Summary of 2025 Operations – North Loup Division (continued).....	A-6
A-9.—Summary of 2025 Operations - Upper Republican Division, Armel Unit	A-7
A-10.—Summary of 2025 Operations – Frenchman-Cambridge Division, Frenchman Unit....	A-7
A-11.—Summary of 2025 Operations – Frenchman-Cambridge Division, Meeker-Driftwood Unit.....	A-8
A-12.—Summary of 2025 Operations – Frenchman-Cambridge Division, Red Willow Unit ..	A-8
A-13.—Summary of 2025 Operations - Frenchman-Cambridge Division, Cambridge Unit.....	A-9
A-14.—Summary of 2025 Operations – Kanaska Division, Alma Unit.....	A-9
A-15.—Summary of 2025 Operations – Bostwick Division, Franklin Unit	A-10
A-16.—Summary of 2025 Operations – Bostwick Division, Superior-Courtland Unit.....	A-10
A-17.—Summary of 2025 Operations – Bostwick Division, Courtland Unit.....	A-11
A-18.—Summary of 2025 Operations – Solomon Division, Kirwin Unit	A-11
A-19.—Summary of 2025 Operations – Solomon Division, Webster Unit	A-12
A-20.—Summary of 2025 Operations – Solomon Division, Glen Elder Unit	A-12
A-21.—Summary of 2025 Operations – Smoky Hill Division, Cedar Bluff Unit	A-13
A-22.—Box Butte Reservoir operation estimates – 2026	A-14
A-23.—Merritt Reservoir operation estimates – 2026	A-15
A-24.—Calamus Reservoir operation estimates – 2026.....	A-16
A-25.—Davis Creek Reservoir operation estimates – 2026	A-17
A-26.—Bonny Reservoir operation estimates – 2026	A-18
A-27.—Enders Reservoir operation estimates – 2026.....	A-19
A-28.—Swanson Lake operation estimates – 2026.....	A-20
A-29.—Hugh Butler Lake operation estimates – 2026	A-21
A-30.—Harry Strunk Lake Operation estimates – 2026	A-22
A-31.—Keith Sebelius Lake operation estimates – 2026	A-23
A-32.—Harlan County Lake operation estimates – 2026.....	A-24
A-33.—Lovewell Reservoir operation estimates – 2026.....	A-25
A-34.—Kirwin Reservoir operation estimates – 2026	A-26
A-35.—Webster Reservoir operation estimates – 2026	A-27
A-36.—Waconda Lake operation estimates – 2026	A-28
A-37.—Cedar Bluff Reservoir operation estimates – 2026.....	A-29

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-1.—Reservoir Data – Niobrara, Lower Platte, and Kansas River Basins

Reservoir	Top of Dead Pool		Top of Inactive		Top of Conservation		Top of Flood Pool	
	Elevation	Capacity (AF)	Elevation	Capacity (AF)	Elevation	Capacity (AF)	Elevation	Capacity (AF)
Bonny	3,635.5	0	3,638.0	0	3,672.0	36,508	3,710.0	165,328
Swanson	2,710.0	1,027	2,720.0	10,329	2,752.0	110,175	2,773.0	244,362
Enders	3,080.0	7,516	3,082.4	8,948	3,112.3	42,910	3,127.0	72,958
Hugh Butler	2,552.0	5,185	2,558.0	8,921	2,581.8	36,224	2,604.9	85,070
Harry Strunk	2,335.0	3,408	2,343.0	7,897	2,366.1	34,647	2,386.2	87,361
Keith Sebelius	2,275.0	1,636	2,280.4	3,993	2,304.3	34,510	2,331.4	133,740
Harlan County	1,885.0	0	1,927.0	118,099	1,945.73	314,111	1,973.5	814,111
Lovewell	1,562.07	860	1,571.7	10,248	1,582.6	34,888	1,595.3	85,527
Kirwin	1,693.0	4,969	1,697.0	8,515	1,729.25	98,154	1,757.3	313,290
Webster	1,855.5	1,256	1,860.0	4,231	1,892.45	76,157	1,923.7	259,510
Cedar Bluff	2,090.0	4,402	2,107.8	28,574	2,144.0	172,452	2,166.0	364,342
Waconda	1,407.8	248	1,428.0	26,237	1,455.6	219,420	1,488.3	942,408
Box Butte	3,969.0	188	3,979.0	2,392	4,007.0	29,161	No flood pool	
Merritt	2,875.0	774	2,896.0	4,662	2,946.0	66,726	No flood pool	
Calamus	2,185.0	35	2,213.3	20,150	2,244.0	119,469	No flood pool	
Davis Creek	1,998.5	76	2,003.0	172	2,076.0	31,158	No flood pool	

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-2.—Summary of Precipitation, reservoir storage and inflows, calendar year 2025

Reservoir	Total Precip. (inches)	Percent Of Average	Storage 12-31-24	Storage 12-31-25	Gain or Loss (AF)	Maximum Content (AF)	Date	Minimum Content (AF)	Date	Total Inflow (AF)	Percent Of Most Probable
Box Butte	15.72	91	10,409	9,538	-871	16,711	29-Jun	5,828	4-Sep	14,592	91
Merritt	21.03	98	61,262	61,777	515	66,784	17-Jun	48,372	29-Aug	184,670	94
Calamus	35.13	139	99,084	104,037	4,953	121,509	13-Apr	82,994	15-Sep	270,704	99
Davis Creek	30.25	116	13,765	13,086	-679	31,916	23-Jun	12,655	16-Apr	51,297	106
Bonny	19.71	111	0	0	0	0	N/A	0	N/A	1,835	43
Enders	25.47	132	7,884	8,352	468	8,693	27-Jun	7,872	4-Jan	4029	82
Swanson	24.99	123	51,020	48,732	-2,288	61,847	18-Jun	43,674	15-Sep	26,373	96
Hugh Butler	22.9	115	13,607	15,173	1,566	15,404	30-Jun	13,516	4-Jan	6,394	65
Harry Strunk	20.76	98	29,362	26,460	-2,902	36,506	28-Apr	19,797	4-Sep	30,887	76
Keith Sebelius	22.18	89	14,685	12,390	-2,295	15,465	28-Mar	12,145	12-Nov	4,435	66
Harlan County	25.84	111	215,465	189,484	-25981	237,234	4-Jun	182,292	24-Oct	60,181	52
Lovewell	27.79	100	24,409	25,060	651	49,910	3-Jul	25,349	6-Jan	58,733	114
Kirwin	30.05	125	44,817	31,751	-13,066	47,058	1-May	30,432	2-Sep	10,898	34
Webster	22.85	95	12,608	11,468	-1,140	13,458	9-May	11,426	20-Nov	4,230	20
Waconda	32.33	127	148,467	169,665	21,198	170,396	26-Nov	148,095	4-Jan	73,191	50
Cedar Bluff	23.31	110	66,233	59,134	-7,099	66,266	6-Jan	59,134	31-Dec	7,684	70

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-3.—Acreage Irrigated in 2025

Irrigation District and Canal	Acres With Service Available	Acres Irrigated in 2025
Mirage Flats Irrigation District		
Mirage Flats Canal	11,662	10,803
Ainsworth Irrigation District		
Ainsworth Canal	35,000	34,640
Twin Loups Irrigation District		
Above Davis Creek	34,688	34,688
Below Davis Creek	21,422	21,422
Total Twin Loups Irrigation District	56,110	56,110
Frenchman Valley Irrigation District		
Culbertson Canal	9,292	0
Frenchman-Cambridge Irrigation District		
Meeker-Driftwood Canal	16,691	6,361
Red Willow Canal	4,643	26
Bartley Canal	6,130	2,405
Cambridge Canal	18,205	13,056
Total Frenchman-Cambridge Irrigation District	45,669	21,848
Almena Irrigation District		
Almena Canal	5,764	4,182
Bostwick Irrigation District in Nebraska		
Franklin Canal	11,031	10,303
Naponee Canal	1,607	533
Franklin Pump Canal	2,026	1,324
Superior Canal	6,056	5,850
Courtland Canal (Nebraska)	1,735	966
Total Bostwick Irrigation District in Nebraska	22,455	18,976
Kansas-Bostwick Irrigation District		
Courtland Canal above Lovewell	13,378	13,694
Courtland Canal below Lovewell	29,122	26,672
Total Kansas-Bostwick Irrigation District	42,500	40,365
Kirwin Irrigation District		
Kirwin Canal	11,465	9,323
Webster Irrigation District		
Osborne Canal	8,537	0
Glen Elder Irrigation District	10,370	6,703
Total Project Uses	258,824	202,950

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-4.—Water Diverted in 2025

Irrigation District and Canal	Start Date	End Date	10-Year Average Diversion (AF)	2025 Diversions (AF)
Mirage Flats Irrigation District Mirage Flats Canal	7/7	9/5	13,094	10,407
Ainsworth Irrigation District Ainsworth Canal	5/19	9/21	68,796	66,352
Twin Loups Irrigation District Above Davis Creek	4/14	9/15	42,996	31,035
Below Davis Creek	5/5	9/22	45,272	43,975
Total Twin Loups Irrigation District			88,268	75,010
Frenchman Valley Irrigation District Culbertson Canal	N/A	N/A	5,200	0
Frenchman-Cambridge Irrigation District Meeker-Driftwood Canal	6/16	9/5	15,490	15,713
Red Willow Canal	N/A	N/A	2,586	0
Bartley Canal	4/15	10/15	7,950	6,320
Cambridge Canal	4/24	9/5	25,534	22,994
Total Frenchman-Cambridge Irrigation District			51,560	45,027
Almena Irrigation District Almena Canal	6/25	7/29	1,065	1,509
Bostwick Irrigation District in Nebraska Franklin Canal	6/15	9/5	20,124	20,788
Naponee Canal	6/23	9/5	1,223	1,136
Franklin Pump Canal	6/25	9/5	1,119	1,412
Superior Canal	6/16	9/5	8,684	7,398
Courtland Canal (Nebraska)	6/23	9/6	825	449
Total Bostwick Irrigation Dist. in Nebraska			31,975	31,183
Kansas-Bostwick Irrigation District Courtland Canal above Lovewell	3/10	9/15	19,021	15,666
Courtland Canal below Lovewell	5/29	9/12	32,924	33,152
Total Kansas-Bostwick Irrigation District			51,945	48,818
Kirwin Irrigation District Kirwin Canal	6/30	8/27	16,829	13,475
Webster Irrigation District Osborne Canal	N/A	N/A	9,145	0
Glen Elder Irrigation District	7/8	9/8	6,631	13,620
Total Project Diversions			344,508	305,401

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-5.—Summary of 2025 Operations – Mirage Flats Project

Box Butte Reservoir						Mirage Flats Canal	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Diversions To Canal (AF)	Delivered To Farms (AF)
Jan.	1,087	83	81	0.40	11,332	0	0
Feb.	1,135	67	107	0.16	12,293	0	0
Mar.	1,714	73	200	1.14	13,734	0	0
Apr.	1,650	95	344	0.77	14,945	0	0
May	1,270	95	427	4.45	15,693	0	0
June	1,698	125	555	3.62	16,711	0	0
July	736	5,778	573	1.82	11,096	5,194	1,921
Aug.	1,239	4,879	388	1.49	7,068	4,489	2,114
Sep.	724	823	236	0.89	6,733	724	430
Oct.	1,176	75	177	0.58	7,657	0	0
Nov.	1,067	73	104	0.36	8,547	0	0
Dec.	1,096	40	65	0.04	9,538	0	0
TOTAL	14,592	12,206	3,257	15.72	--	10,407	4,465

Note: Acres irrigated 2025: Mirage Flats Canal - 10,803 acres.

Table A-6.—Summary of 2025 Operations – Sandhills Division, Ainsworth Unit

Merritt Reservoir						Ainsworth Canal	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Diverted To Canal (AF)	Delivered To Farms (AF)
Jan.	14,804	14,946	235	0.18	60,885	0	0
Feb.	14,868	13,210	301	0.37	62,242	0	0
Mar.	17,149	17,356	421	1.58	61,614	0	0
Apr.	16,567	14,876	704	1.29	62,601	0	0
May	18,451	14,033	960	5.73	66,059	1,905	7
June	9,612	8,023	1,531	2.65	66,117	8,644	805
July	16,215	21,122	1,413	2.97	59,797	20,820	1,389
Aug.	15,533	25,280	1,098	1.10	48,952	25,980	14,773
Sep.	17,186	8,807	736	4.71	56,595	9,003	3,210
Oct.	14,677	9,203	753	0.40	61,316	0	0
Nov.	13,652	13,607	449	0.00	60,912	0	0
Dec.	15,956	14,777	314	0.05	61,777	0	0
TOTAL	184,670	175,240	8,915	21.03	--	66,352	20,184

Note: Acres irrigated 2025: Ainsworth Canal - 34,640 acres.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-7.—Summary of 2025 Operations – North Loup Division

Calamus Reservoir							Above Davis Creek Mirdan Canal		
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Release to Calamus Fish Hatch. (AF)	Release to Canal (AF)	Canal Use (AF)	Delivered to Farms (AF)
Jan.	21,219	12,556	441	0.00	107,306	0	0	0	0
Feb.	18,658	16,259	569	0.47	109,136	0	0	0	0
Mar.	21,203	11,590	1,045	1.02	117,704	144	0	0	0
Apr.	21,975	17,381	1,761	1.62	120,537	471	6,666	0	0
May	27,781	25,613	1,657	8.50	121,048	60	18,048	4,150	1,758
June	24,970	23,192	2,442	7.39	120,384	188	14,081	3,476	107
July	28,466	37,881	3,570	5.65	107,399	320	17,439	6,034	2,769
Aug	24,975	42,550	2,106	6.07	87,718	392	23,371	12,804	9,465
Sep.	22,662	23,924	2,062	2.15	84,394	217	7,973	4,571	2,320
Oct.	20,449	9,250	1,172	0.97	94,421	95	0	0	0
Nov.	19,036	1,097	698	1.29	111,662	0	0	0	0
Dec.	19,310	26,517	418	0.00	104,037	0	0	0	0
TOTAL	270,704	247,810	17,941	35.13	--	1,887	87,578	31,035	16,419

Note: Acres irrigated 2025: Mirdan Canal - 34,688 acres.

Table A-8.—Summary of 2025 Operations – North Loup Division (continued)

Davis Creek Reservoir						Below Davis Creek Fullerton Canal	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Release to Canal (AF)	Delivered to Farms (AF)
Jan.	158	417	62	0.09	13,444	0	0
Feb.	192	361	77	0.37	13,198	0	0
Mar.	207	383	134	0.84	12,888	0	0
Apr.	5,235	486	241	0.74	17,396	0	0
May	14,121	5,542	332	3.81	25,643	4,652	478
June	12,262	6,280	718	12.58	30,907	7,017	17
July	8,342	8,573	476	6.12	30,200	7,710	1,219
Aug.	7,069	16,211	383	2.35	20,675	15,253	7,059
Sep.	3,112	9,416	314	2.90	14,057	9,343	2,209
Oct.	269	436	184	0.35	13,706	0	0
Nov.	193	401	98	0.00	13,400	0	0
Dec.	137	395	56	0.10	13,086	0	0
TOTAL	51,297	48,901	3,075	30.25	--	43,975	10,982

Note: Acres irrigated 2025: Fullerton Canal - 21,422 acres.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-9.—Summary of 2025 Operations - Upper Republican Division, Armel Unit

Bonny Reservoir						Hale Ditch
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Outflow (AF)
Jan.	143	143	0	0.13	0	0
Feb.	133	133	0	0.75	0	0
Mar.	230	230	0	0.70	0	0
Apr.	347	347	0	1.20	0	0
May	133	133	0	1.51	0	0
June	119	119	0	2.90	0	0
July	123	123	0	2.87	0	0
Aug.	123	123	0	3.62	0	0
Sept.	119	119	0	2.11	0	0
Oct.	123	123	0	3.55	0	0
Nov.	119	119	0	0.33	0	0
Dec.	123	123	0	0.04	0	0
Total	1,835	1,835	0	19.71	--	0

Table A-10.—Summary of 2025 Operations – Frenchman-Cambridge Division, Frenchman Unit

Enders Reservoir						Culbertson Canal	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Diverted To Canal (AF)	Delivered To Farms (AF)
Jan.	207	123	43	0.04	7,925	0	0
Feb.	303	111	46	0.62	8,071	0	0
Mar.	365	123	87	0.95	8,226	0	0
Apr.	418	119	221	1.09	8,304	0	0
May	447	123	270	3.32	8,358	0	0
June	782	119	352	6.10	8,669	0	0
July	150	123	356	1.60	8,340	0	0
Aug.	377	123	224	6.58	8,370	0	0
Sept.	317	119	210	3.96	8,358	0	0
Oct.	168	123	147	0.88	8,256	0	0
Nov.	193	119	98	0.32	8,232	0	0
Dec.	302	123	59	0.01	8,352	0	0
Total	4,029*	1,448	2,113	25.47	--	0	0

Note: Acres irrigated 2025: Culbertson Canal - 0 acres

* Approximately 1,217 AF was recovered by the pump-back system.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-11.—Summary of 2025 Operations – Frenchman-Cambridge Division, Meeker-Driftwood Unit

Swanson Lake						Meeker-Driftwood	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Release to Canal (AF)	Delivered to Farms (AF)
Jan.	Jan.	1,981	61	236	0.15	52,704	0
Feb.	Feb.	3,226	56	262	0.73	55,612	0
Mar.	Mar.	3,930	65	498	0.65	58,979	0
Apr.	Apr.	3,414	60	911	1.44	61,422	0
May	May	1,349	61	1,429	2.31	61,281	0
June	June	2,390	2,807	1,885	4.89	58,979	3,029
July	July	808	6,801	1,901	2.05	51,085	6,552
Aug.	Aug.	882	5,496	1,109	5.30	45,362	5,246
Sept.	Sept.	1,379	1,093	953	4.53	44,695	886
Oct.	Oct.	1,785	61	661	2.45	45,758	0
Nov.	Nov.	2,251	601	514	0.49	46,894	0
Dec.	Dec.	2,978	833	307	0.00	48,732	0
Total	TOTAL	26,373	17,995	10,666	24.99	--	15,713

Note: Acres irrigated 2025: Meeker-Driftwood Canal - 6,361 acres.

Table A-12.—Summary of 2025 Operations – Frenchman-Cambridge Division, Red Willow Unit

Hugh Butler Lake						Red Willow Canal		Bartley Canal	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (Inches)	End of Month Content (AF)	Diverted To Canal (AF)	Delivered To Farms (AF)	Diverted To Canal (AF)	Delivered To Farms (AF)
Jan.	520	123	60	0.23	13,944	0	0	0	0
Feb.	642	111	68	0.65	14,407	0	0	0	0
Mar.	619	123	130	0.67	14,773	0	0	0	0
Apr.	662	119	296	1.46	15,020	0	5	1,236	77
May	614	123	386	2.36	15,125	0	0	1,614	305
June	911	119	513	3.75	15,404	0	1	1,268	197
July	391	123	528	3.26	15,144	0	1	951	459
Aug.	163	123	345	4.20	14,839	0	0	644	571
Sept.	512	119	288	3.13	14,944	0	0	607	74
Oct.	406	123	236	2.60	14,991	0	0	0	0
Nov.	455	119	154	0.47	15,173	0	0	0	0
Dec.	499	411	88	0.12	15,173	0	0	0	0
Total	6,394	1,736	3,092	22.90	--	0	7	6,320	1,683

Note: Acres irrigated 2025: Red Willow Canal - 26 acres; Bartley Canal - 2,405 acres.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-13.—Summary of 2025 Operations - Frenchman-Cambridge Division, Cambridge Unit

Harry Strunk Lake						Cambridge Canal	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Diverted To Canal (AF)	Delivered To Farms (AF)
Jan.	2,358	61	106	0.15	31,553	0	0
Feb.	2,507	56	122	0.47	33,882	0	0
Mar.	2,611	1,174	247	0.69	35,072	0	0
Apr.	2,529	579	573	1.14	36,449	657	3
May	2,805	3,828	761	2.13	34,665	4,209	559
June	2,987	4,007	862	1.95	32,783	4,085	394
July	2,626	7,436	902	3.62	27,071	6,038	3,351
Aug.	2,733	8,999	555	4.54	20,250	7,312	5,026
Sept.	2,671	904	371	4.47	21,646	693	862
Oct.	2,275	61	334	1.25	23,526	0	0
Nov.	2,354	60	212	0.32	25,608	0	0
Dec.	2,431	1,456	123	0.03	26,460	0	0
Total	30,887	28,621	5,168	20.76	--	22,994	10,195

Note: Acres irrigated 2025: Cambridge Canal - 13,056 acres.

Table A-14.—Summary of 2025 Operations – Kanaska Division, Almena Unit

Keith Sebelius Lake							Almena ID	
	Inflow	Outflow	Gross	Precip.	End of	Release	Bypassed	Delivered
Month	(AF)	(AF)	Evap.	(inches)	Month	to City of	at	To Farms
			(AF)		Content	Norton	headgate	
					(AF)	(AF)	(AF)	(AF)
Jan.	261	50	85	0.11	14,811	20	0	0
Feb.	420	43	98	0.37	15,090	15	0	0
Mar.	566	47	183	0.96	15,426	17	0	0
Apr.	531	54	490	1.07	15,413	24	0	0
May	449	68	691	1.75	15,103	38	0	0
June	567	169	766	5.23	14,735	39	346	70
July	491	1,522	641	2.15	13,063	52	1,163	981
Aug.	374	75	530	3.40	12,832	42	0	0
Sept.	237	62	403	4.45	12,604	32	0	0
Oct.	5	61	315	1.02	12,233	31	0	0
Nov.	263	48	181	1.54	12,267	19	0	0
Dec.	271	48	100	0.13	12,390	18	0	0
Total	4,435	2,247	4,483	22.18	--	346	1,509	1,051

Note: Acres irrigated 2025: Almena ID - 4,182 acres.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-15.—Summary of 2025 Operations – Bostwick Division, Franklin Unit

Harlan County Lake (USACE)						Franklin Canal		Naponee Canal	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Release to Canal (AF)	Delivered to Farms (AF)	Release to Canal (AF)	Delivered to Farms (AF)
Jan.	3,027	0	642	0.08	217,850	0	0	0	0
Feb.	5,272	0	654	1.14	222,468	0	0	0	0
Mar.	9,557	0	1,106	1.56	230,919	0	0	0	0
Apr.	7,123	0	2,417	1.17	235,625	0	0	0	0
May	4,895	0	3,861	2.93	236,659	0	0	0	0
June	5,474	8,475	4,963	4.25	228,695	1,557	10	43	0
July	5,211	19,466	7,061	2.15	207,379	10,107	1,903	585	114
Aug.	2,719	18,748	4,686	5.04	186,664	7,983	2,415	433	141
Sept.	3,669	2,265	3,988	3.92	184,080	1,141	556	75	21
Oct.	3,372	0	4,464	2.47	182,988	0	0	0	0
Nov.	4,479	0	2,293	0.93	185,174	0	0	0	0
Dec.	5,383	0	1,073	0.20	189,484	0	0	0	0
Total	60,181	48,954	37,208	25.84	--	20,788	4,884	1,136	276

Note: Acres irrigated 2025: Franklin Canal - 10,303 acres; Naponee Canal - 533 acres.

Table A-16.—Summary of 2025 Operations – Bostwick Division, Superior-Courtland Unit

Franklin Pump Canal		Superior Canal		Courtland Canal - Above Lovewell					
						Nebraska Use		Kansas Use	
Month	Diverted To Canal (AF)	Delivered To Farms (AF)	Diverted To Canal (AF)	Delivered To Farms (AF)	Total Diversion (AF)	Total Use (AF)	Delivered To Farms (AF)	Diverted To Canal (AF)	Delivered To Farms (AF)
Jan.	0	0	0	0	2,415	0	0	0	0
Feb.	0	0	0	0	0	0	0	0	0
Mar.	0	0	0	0	3,514	0	0	0	0
Apr.	0	0	0	0	4,726	0	0	0	0
May	0	0	27	0	4,328	0	0	0	0
June	28	0	1,021	2	9,177	33	27	3,511	841
July	668	177	2,468	497	8,817	103	85	3,997	1,523
Aug.	579	322	3,525	1,030	11,037	284	245	6,987	4,453
Sept.	137	54	357	168	3,649	29	28	1,171	803
Oct.	0	0	0	0	0	0	0	0	0
Nov.	0	0	0	0	0	0	0	0	0
Dec.	0	0	0	0	0	0	0	0	0
Total	1,412	553	7,398	1,697	47,663	449	385	15,666	7,620

Note: Acres irrigated 2025: Courtland Canal-Nebraska - 966 acres; Kansas - 13,694 acres.
Franklin Pump Canal - 1,324 acres; Superior - 5,850 acres.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-17.—Summary of 2025 Operations – Bostwick Division, Courtland Unit

Lovewell Reservoir								Courtland (below)	
Month	Est. Flow from White Rock Creek (FB)	Inflow from Courtland 34.8 (AF)	Total Inflow (AF)	Outflow (FB)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Release to Canal (AF)	Delivered To Farms (AF)
Jan.	419	1,327	1,746	12	149	0.79	25,994	0	0
Feb.	328	0	328	11	182	0.36	26,129	0	0
Mar.	863	2,398	3,261	12	355	0.00	29,023	0	0
Apr.	774	3,695	4,469	12	1,002	1.86	32,478	0	0
May	5,674	2,200	7,874	302	1,022	3.85	39,028	409	0
June	3,239	3,573	6,812	5,673	1,581	5.65	38,586	5,684	1,303
July	22,510	3,533	26,043	21,854	1,487	8.15	41,288	7,825	4,265
Aug.	1,855	2,994	4,849	17,288	1,135	1.92	27,714	15,413	11,706
Sept.	461	2,317	2,778	3,959	754	2.06	25,779	3,821	2,371
Oct.	104	0	104	12	653	1.73	25,218	0	0
Nov.	228	0	228	12	401	1.01	25,033	0	0
Dec.	241	0	241	12	202	0.41	25,060	0	0
Total	36,696	22,037	58,733	49,159	8,923	27.79	--	33,152	19,645

Note: Acres irrigated 2025: Courtland Canal below Lovewell - 26,672 acres.

Table A-18.—Summary of 2025 Operations – Solomon Division, Kirwin Unit

Kirwin Reservoir						Kirwin Canal	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Release to Canal (AF)	Delivered to Farms (AF)
Jan.	399	1	203	0.18	45,012	0	0
Feb.	751	0	261	0.58	45,502	0	0
Mar.	1,318	0	461	0.88	46,359	0	0
Apr.	1,532	0	1,133	1.81	46,758	0	0
May	1,265	0	1,564	2.43	46,459	0	0
June	903	0	1,991	3.17	45,371	95	0
July	1,117	7,137	1,734	3.64	37,617	7,276	2,353
Aug.	1,689	6,298	1,032	7.25	31,976	6,104	3,359
Sept.	868	0	868	6.08	31,976	0	0
Oct.	32	0	678	1.61	31,330	0	0
Nov.	740	0	394	2.07	31,676	0	0
Dec.	284	0	209	0.35	31,751	0	0
Total	10,898	13,436	10,528	30.05	--	13,475	5,712

Note: Acres irrigated 2025: Kirwin Canal - 9,323 acres.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-19.—Summary of 2025 Operations – Solomon Division, Webster Unit

Webster Reservoir						Osborne Canal	
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	Diverted To Canal (AF)	Delivered to Farms (AF)
Jan.	126	0	97	0.27	12,637	0	0
Feb.	114	0	114	0.36	12,637	0	0
Mar.	417	0	214	0.88	12,840	0	0
Apr.	1,017	0	533	2.32	13,324	0	0
May	734	0	734	2.25	13,324	0	0
June	693	0	870	4.18	13,147	0	0
July	348	0	902	3.58	12,593	0	0
Aug.	442	0	673	3.57	12,362	0	0
Sept.	86	0	472	2.19	11,976	0	0
Oct.	9	0	405	1.46	11,580	0	0
Nov.	216	0	230	1.59	11,566	0	0
Dec.	28	0	126	0.20	11,468	0	0
Total	4,230	0	5,370	22.85	--	0	0

Note: Acres irrigated 2025: Osborne Canal - 0 acres.

Table A-20.—Summary of 2025 Operations – Solomon Division, Glen Elder Unit

Waconda Lake						Outflow To River				
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	City of Beloit		Irrig. District Storage Release (AF)	Other Controlled Releases (AF)	Release to Mitchell Co. RWD No. 2 (AF)
						Storage Release (AF)	Quality Bypass (AF)			
Jan.	2,427	764	544	1.56	149,586	0	738	0	0	29
Feb.	2,584	694	669	0.36	150,807	0	666	0	0	28
Mar.	2,831	769	1,306	0.41	151,563	0	738	0	0	33
Apr.	8,335	716	3,886	3.16	155,296	0	682	0	0	34
May	6,766	1,093	4,411	4.97	156,558	0	1,063	0	0	30
June	7,450	917	5,556	5.25	157,535	0	897	0	0	30
July	10,382	3,509	5,793	3.47	158,615	0	397	698	2,378	35
Aug.	7,881	4,681	4,671	4.77	157,144	0	0	647	4,003	33
Sept.	7,537	1,282	3,002	2.38	160,397	0	500	4	754	24
Oct.	2,459	761	2,788	2.72	159,307	40	698	0	0	24
Nov.	12,881	924	1,599	3.04	169,665	58	845	0	0	22
Dec.	1,658	837	821	0.24	169,665	8	817	0	0	20
Total	73,191	16,947	35,046	32.33		106	8,041	1,349	7,135	343

Note: Acres irrigated 2025: Glen Elder District - 6,703 acres.

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-21.—Summary of 2025 Operations – Smoky Hill Division, Cedar Bluff Unit

Cedar Bluff Reservoir						Release to:		
Month	Inflow (AF)	Outflow (AF)	Gross Evap. (AF)	Precip. (inches)	End of Month Content (AF)	City of Russell (AF)	Fish Hatchery (AF)	Kansas Water Office (AF)
Jan.	111	0	243	0.77	66,101	0	0	0
Feb.	207	0	273	0.07	66,035	0	0	0
Mar.	0	0	526	0.55	65,509	0	0	0
Apr.	1,481	0	1,514	2.54	65,476	0	0	0
May	1,303	1,886	1,139	3.90	63,754	986	0	900
June	1,254	0	1,992	1.95	63,016	0	0	0
July	720	0	2,494	1.86	61,242	0	0	0
Aug.	1,555	0	1,492	4.09	61,305	0	0	0
Sept.	816	0	942	5.14	61,179	0	0	0
Oct.	4	0	1,403	0.87	59,780	0	0	0
Nov.	222	0	530	1.43	59,472	0	0	0
Dec.	11	0	349	0.14	59,134	0	0	0
Total	7,684	1,886	12,897	23.31	--	986	0	900

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-22.—Box Butte Reservoir operation estimates – 2026

Box Butte Reservoir Operation Estimates - 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End Of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	In.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	15	0.9	1.6	0.1	2	0.1	0.0	0.0	3991.8	10.2	0.7
Feb.	20	1.1	1.9	0.1	2	0.1	0.0	0.0	3992.8	11.1	0.9
Mar.	24	1.5	3.8	0.2	2	0.1	0.0	0.0	3993.9	12.3	1.2
Apr.	22	1.3	5.3	0.3	2	0.1	0.0	0.0	3994.9	13.2	0.9
May	16	1.0	6.6	0.4	2	0.1	0.0	0.0	3995.4	13.7	0.5
June	10	0.6	8.8	0.5	89	5.3	0.0	0.0	3989.7	8.5	-5.2
July	6	0.4	10.1	0.5	226	13.9	0.0	7.9	3979.0	2.4	-6.1
Aug.	11	0.7	8.8	0.2	213	13.1	0.0	12.6	3979.0	2.4	0.0
Sept.	12	0.7	6.6	0.1	40	2.4	0.0	1.8	3979.0	2.4	0.0
Oct.	15	0.9	5.0	0.1	2	0.1	0.0	0.0	3980.9	3.1	0.7
Nov.	18	1.1	2.5	0.1	2	0.1	0.0	0.0	3982.5	4.0	0.9
Dec.	15	0.9	1.9	0.1	2	0.1	0.0	0.0	3983.9	4.7	0.7
Total		11.1	62.9	2.7		35.5	0.0	22.3			-4.8
Most Probable Inflow Conditions											
Jan.	21	1.3	1.5	0.1	2	0.1	0.0	0.0	3992.2	10.6	1.1
Feb.	27	1.5	1.8	0.1	2	0.1	0.0	0.0	3993.5	11.9	1.3
Mar.	36	2.2	3.5	0.2	2	0.1	0.0	0.0	3995.5	13.8	1.9
Apr.	32	1.9	5.0	0.3	2	0.1	0.0	0.0	3996.8	15.3	1.5
May	24	1.5	6.1	0.4	2	0.1	0.0	0.0	3997.7	16.3	1.0
June	13	0.8	8.2	0.6	70	4.2	0.0	0.0	3993.9	12.3	-4.0
July	10	0.6	9.4	0.5	209	12.9	0.0	2.9	3979.0	2.4	-9.9
Aug.	16	1.0	8.2	0.2	164	10.1	0.0	9.3	3979.0	2.4	0.0
Sept.	17	1.0	6.1	0.1	29	1.7	0.0	0.8	3979.0	2.4	0.0
Oct.	21	1.3	4.7	0.1	2	0.1	0.0	0.0	3981.5	3.5	1.1
Nov.	27	1.6	2.3	0.1	2	0.1	0.0	0.0	3984.2	4.9	1.4
Dec.	21	1.3	1.8	0.1	2	0.1	0.0	0.0	3986.1	6.0	1.1
Total		16.0	58.6	2.8		29.7	0.0	13.0			-3.5
Reasonable Maximum Inflow Conditions											
Jan.	31	1.9	1.3	0.1	2	0.1	0.0	0.0	3992.8	11.2	1.7
Feb.	40	2.2	1.6	0.1	2	0.1	0.0	0.0	3994.9	13.2	2.0
Mar.	52	3.2	3.2	0.2	2	0.1	0.0	0.0	3997.5	16.1	2.9
Apr.	45	2.7	4.6	0.3	2	0.1	0.0	0.0	3999.4	18.4	2.3
May	36	2.2	5.7	0.4	2	0.1	0.0	0.0	4000.7	20.1	1.7
June	20	1.2	7.5	0.6	47	2.8	0.0	0.0	3999.0	17.9	-2.2
July	15	0.9	8.6	0.6	135	8.3	0.0	0.0	3991.4	9.9	-8.0
Aug.	24	1.5	7.5	0.4	104	6.4	0.0	0.0	3983.7	4.6	-5.3
Sep.	25	1.5	5.7	0.2	18	1.1	0.0	0.0	3984.1	4.8	0.2
Oct.	31	1.9	4.3	0.1	2	0.1	0.0	0.0	3986.8	6.5	1.7
Nov.	39	2.3	2.2	0.1	2	0.1	0.0	0.0	3989.9	8.6	2.1
Dec.	31	1.9	1.6	0.1	2	0.1	0.0	0.0	3991.9	10.3	1.7
Total		23.4	53.8	3.2		19.4	0.0	0.0			0.8

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-23.—Merritt Reservoir operation estimates – 2026

Merritt Reservoir Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	IN.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
JAN	227	14.0	1.9	0.3	16	1.0	13.4	0.0	2944.0	61.1	-0.7
FEB	250	13.9	2.6	0.4	18	1.0	12.5	0.0	2944.0	61.1	0.0
MAR	256	15.8	3.2	0.5	16	1.0	11.5	0.0	2945.0	63.9	2.8
APR	262	15.6	5.1	0.8	17	1.0	11.0	0.0	2946.0	66.7	2.8
MAY	253	15.6	6.4	1.1	71	4.4	10.1	0.0	2946.0	66.7	0.0
JUN	242	14.4	8.4	1.4	144	8.6	4.4	0.0	2946.0	66.7	0.0
JUL	242	14.9	9.7	1.6	558	34.4	0.0	0.0	2937.1	45.6	-21.1
AUG	248	15.3	8.4	1.0	519	32.0	0.0	0.0	2926.2	27.9	-17.7
SEP	245	14.6	7.1	0.5	159	9.5	0.0	0.0	2929.5	32.5	4.6
OCT	248	15.3	6.4	0.6	41	2.5	0.0	0.0	2936.7	44.7	12.2
NOV	242	14.4	3.2	0.4	67	4.0	0.0	0.0	2941.4	54.7	10.0
DEC	226	13.9	1.9	0.3	16	1.0	6.2	0.0	2944.0	61.1	6.4
TOTAL		177.7	64.3	8.9		100.4	69.1	0.0			-0.7
Most Probable Inflow Conditions											
JAN	250	15.4	1.7	0.3	16	1.0	14.8	0.0	2944.0	61.1	-0.7
FEB	273	15.2	2.3	0.4	18	1.0	13.8	0.0	2944.0	61.1	0.0
MAR	282	17.4	2.9	0.5	16	1.0	13.1	0.0	2945.0	63.9	2.8
APR	289	17.2	4.6	0.8	17	1.0	12.6	0.0	2946.0	66.7	2.8
MAY	279	17.2	5.7	1.0	63	3.9	12.3	0.0	2946.0	66.7	0.0
JUN	265	15.8	7.4	1.3	126	7.5	7.0	0.0	2946.0	66.7	0.0
JUL	266	16.4	8.6	1.5	479	29.5	0.0	0.0	2940.3	52.1	-14.6
AUG	273	16.8	7.4	0.9	448	27.6	0.0	0.0	2934.4	40.4	-11.7
SEP	268	16.0	6.3	0.7	139	8.3	0.0	0.0	2938.0	47.4	7.0
OCT	273	16.8	5.7	0.7	41	2.5	0.0	0.0	2943.9	61.0	13.6
NOV	265	15.8	2.9	0.5	67	4.0	11.2	0.0	2944.0	61.1	0.1
DEC	247	15.2	1.7	0.3	16	1.0	13.9	0.0	2944.0	61.1	0.0
TOTAL		195.2	57.2	8.9		88.3	98.7	0.0			-0.7
Reasonable Maximum Inflow Conditions											
JAN	287	17.7	1.5	0.2	16	1.0	17.2	0.0	2944.0	61.1	-0.7
FEB	313	17.4	2.0	0.3	18	1.0	16.1	0.0	2944.0	61.1	0.0
MAR	323	19.9	2.5	0.4	16	1.0	15.7	0.0	2945.0	63.9	2.8
APR	330	19.7	4.1	0.7	17	1.0	15.2	0.0	2946.0	66.7	2.8
MAY	320	19.7	5.1	0.9	55	3.4	15.4	0.0	2946.0	66.7	0.0
JUN	304	18.1	6.6	1.1	106	6.3	10.7	0.0	2946.0	66.7	0.0
JUL	305	18.8	7.6	1.3	394	24.3	0.0	0.0	2943.5	59.9	-6.8
AUG	312	19.2	6.6	1.0	370	22.8	0.0	0.0	2941.7	55.3	-4.6
SEP	307	18.3	5.6	0.8	116	6.9	0.0	0.0	2945.7	65.9	10.6
OCT	312	19.2	5.1	0.9	41	2.5	20.6	0.0	2944.0	61.1	-4.8
NOV	304	18.1	2.5	0.4	67	4.0	13.7	0.0	2944.0	61.1	0.0
DEC	282	17.4	1.5	0.2	16	1.0	16.2	0.0	2944.0	61.1	0.0
TOTAL		223.5	50.7	8.2		75.2	140.8	0.0			-0.7

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-24.—Calamus Reservoir operation estimates – 2026

Calamus Reservoir Operation Estimates – 2026											
Month	Inflow		Evaporation		Release		Reservoir	Shortage	End of Month		Reservoir
	ft³/s	KAF	in.	KAF	Requirement	Spill	KAF		Elev	Cont	Change
					ft³/s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	299	18.4	1.9	0.5	58	3.6	17.8	0.0	2240.0	100.5	-3.5
Feb.	318	17.7	2.3	0.6	59	3.3	13.8	0.0	2240.0	100.5	0.0
Mar.	356	21.9	4.2	1.1	58	3.6	8.0	0.0	2242.0	109.7	9.2
Apr.	367	21.9	6.7	1.9	59	3.5	6.7	0.0	2244.0	119.5	9.8
May	407	25.1	7.0	2.1	94	5.8	17.2	0.0	2244.0	119.5	0.0
June	371	22.1	8.4	2.5	144	8.6	11.0	0.0	2244.0	119.5	0.0
July	347	21.4	9.6	2.8	961	59.2	0.0	0.0	2234.7	78.9	-40.6
Aug.	326	20.1	9.6	2.2	820	50.5	0.0	0.0	2224.9	46.3	-32.6
Sept.	309	18.4	7.4	1.2	475	28.3	0.0	0.0	2220.6	35.2	-11.1
Oct.	307	18.9	5.7	0.8	58	3.6	0.0	0.0	2226.1	49.7	14.5
Nov.	334	19.9	3.0	0.5	59	3.5	0.0	0.0	2231.1	65.6	15.9
Dec.	323	19.9	1.8	0.4	58	3.6	0.0	0.0	2235.4	81.5	15.9
Total		245.7	67.6	16.6		177.1	74.5	0.0			-22.5
Most Probable Inflow Conditions											
Jan.	358	19.9	2.0	0.5	54	3.3	16.1	0.0	2240.0	100.5	0.0
Feb.	398	24.5	3.7	1.0	58	3.6	10.7	0.0	2242.0	109.7	9.2
Mar.	411	24.5	5.9	1.6	57	3.5	9.6	0.0	2244.0	119.5	9.8
Apr.	456	28.1	6.2	1.8	88	5.4	20.9	0.0	2244.0	119.5	0.0
May	416	24.8	7.5	2.2	125	7.7	14.9	0.0	2244.0	119.5	0.0
June	390	24.0	8.5	2.5	880	54.2	0.0	0.0	2236.7	86.8	-32.7
July	367	22.6	8.5	2.0	753	46.4	0.0	0.0	2229.7	61.0	-25.8
Aug.	347	20.7	6.6	1.3	429	26.4	0.0	0.0	2227.5	54.0	-7.0
Sept.	344	21.2	5.0	0.9	58	3.6	0.0	0.0	2232.5	70.7	16.7
Oct.	374	22.3	2.7	0.6	57	3.5	0.0	0.0	2237.2	88.9	18.2
Nov.	362	22.3	1.6	0.4	58	3.6	6.7	0.0	2240.0	100.5	11.6
Dec.	0	275.6	59.9	15.2	0	164.8	99.1	0	0.0	0.0	-3.5
Total		530.5	118.1	30.0		326.0	178.0	0.0			-3.5
Reasonable Maximum Inflow Conditions											
Jan.	492	30.3	3.3	0.9	58	3.6	16.6	0.0	2242.0	109.7	9.2
Feb.	508	30.3	5.3	1.5	59	3.5	15.5	0.0	2244.0	119.5	9.8
Mar.	563	34.7	5.5	1.6	81	5.0	28.1	0.0	2244.0	119.5	0.0
Apr.	513	30.6	6.7	2.0	114	6.8	21.8	0.0	2244.0	119.5	0.0
May	480	29.6	7.6	2.2	838	51.6	0.0	0.0	2238.8	95.3	-24.2
June	453	27.9	7.6	1.9	737	45.4	0.0	0.0	2233.9	75.9	-19.4
July	428	25.5	5.9	1.3	497	29.6	0.0	0.0	2232.5	70.5	-5.4
Aug.	425	26.2	4.5	0.9	58	3.6	0.0	0.0	2238.0	92.2	21.7
Sep.	463	27.6	2.4	0.6	59	3.5	15.2	0.0	2240.0	100.5	8.3
Oct.	448	27.6	1.4	0.4	58	3.6	23.6	0.0	2240.0	100.5	0.0
Nov.	0	340.3	53.5	14.2	0	163.1	166.5	0.0	0.0	0.0	-3.5
Dec.	0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0
Total		630.6	103.7	27.5		319.3	287.3	0.0			-3.5

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-25.—Davis Creek Reservoir operation estimates – 2026

Davis Creek Reservoir Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	0	0.0	1.9	0.1	6	0.4	0.0	0.0	2055.6	13.3	-0.5
Feb.	0	0.0	2.3	0.1	7	0.4	0.0	0.0	2054.8	12.8	-0.5
Mar.	0	0.0	4.1	0.1	6	0.4	0.0	0.0	2054.0	12.3	-0.5
Apr.	57	3.4	6.6	0.2	7	0.4	0.0	0.0	2058.3	15.1	2.8
May	239	14.7	7.0	0.3	57	3.5	0.0	0.0	2071.2	26.0	10.9
June	223	13.3	8.5	0.5	127	7.6	0.0	0.0	2076.0	31.2	5.2
July	239	14.7	9.0	0.6	297	18.3	0.0	0.0	2072.1	27.0	-4.2
Aug.	162	10.0	7.0	0.4	273	16.8	0.0	0.0	2064.5	19.8	-7.2
Sept.	59	3.5	6.1	0.3	133	7.9	0.0	0.0	2058.3	15.1	-4.7
Oct.	0	0.0	5.4	0.2	6	0.4	0.0	0.0	2057.4	14.5	-0.6
Nov.	0	0.0	2.9	0.1	7	0.4	0.0	0.0	2056.7	14.0	-0.5
Dec.	0	0.0	1.7	0.1	6	0.4	0.0	0.0	2055.9	13.5	-0.5
Total		59.6	62.5	3.0		56.9	0.0	0.0			-0.3
Most Probable Inflow Conditions											
Jan.	0	0.0	1.8	0.1	6	0.4	0.0	0.0	2055.6	13.3	-0.5
Feb.	0	0.0	2.2	0.1	7	0.4	0.0	0.0	2054.8	12.8	-0.5
Mar.	0	0.0	3.9	0.1	6	0.4	0.0	0.0	2054.0	12.3	-0.5
Apr.	59	3.5	6.1	0.2	6	0.4	0.0	0.0	2058.5	15.2	2.9
May	239	14.7	6.5	0.3	42	2.6	0.0	0.0	2072.1	27.0	11.8
June	181	10.8	7.9	0.5	99	6.1	0.0	0.0	2076.0	31.2	4.2
July	179	11.0	8.4	0.6	231	14.2	0.0	0.0	2072.5	27.4	-3.8
Aug.	112	6.9	6.5	0.4	211	13.0	0.0	0.0	2065.8	20.9	-6.5
Sept.	10	0.6	5.7	0.3	99	6.1	0.0	0.0	2058.3	15.1	-5.8
Oct.	0	0.0	5.1	0.2	6	0.4	0.0	0.0	2057.4	14.5	-0.6
Nov.	0	0.0	2.7	0.1	6	0.4	0.0	0.0	2056.7	14.0	-0.5
Dec.	0	0.0	1.6	0.1	6	0.4	0.0	0.0	2055.9	13.5	-0.5
Total		47.5	58.4	3.0		44.8	0.0	0.0			-0.3
Reasonable Maximum Inflow Conditions											
Jan.	0	0.0	1.7	0.1	6	0.4	0.0	0.0	2055.6	13.3	-0.5
Feb.	0	0.0	2.0	0.1	7	0.4	0.0	0.0	2054.8	12.8	-0.5
Mar.	0	0.0	3.6	0.1	6	0.4	0.0	0.0	2054.0	12.3	-0.5
Apr.	12	0.7	5.8	0.2	7	0.4	0.0	0.0	2054.1	12.4	0.1
May	239	14.7	6.2	0.2	32	2.0	0.0	0.0	2070.1	24.9	12.5
June	190	11.3	7.4	0.4	77	4.6	0.0	0.0	2076.0	31.2	6.3
July	114	7.0	7.9	0.5	172	10.6	0.0	0.0	2072.2	27.1	-4.1
Aug.	67	4.1	6.2	0.4	156	9.6	0.0	0.0	2066.1	21.2	-5.9
Sept.	0	0.0	5.4	0.3	97	5.8	0.0	0.0	2058.3	15.1	-6.1
Oct.	0	0.0	4.8	0.2	6	0.4	0.0	0.0	2057.4	14.5	-0.6
Nov.	0	0.0	2.5	0.1	7	0.4	0.0	0.0	2056.7	14.0	-0.5
Dec.	0	0.0	1.5	0.1	6	0.4	0.0	0.0	2055.9	13.5	-0.5
Total		37.8	55.0	2.7		35.4	0.0	0.0			-0.3

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-26.—Bonny Reservoir operation estimates – 2026

Bonny Reservoir Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	3	0.2	2.3	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Feb.	2	0.1	3.1	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Mar.	3	0.2	3.8	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Apr.	3	0.2	6.1	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
May	3	0.2	7.7	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
June	3	0.2	10.0	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
July	2	0.1	11.5	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Aug.	2	0.1	10.0	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Sept.	0	0.0	8.5	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Oct.	2	0.1	7.7	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Nov.	2	0.1	3.8	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Dec.	2	0.1	2.3	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Total		1.6	76.8	0.0		1.2	1.2	0.0			0.0
Most Probable Inflow Conditions											
Jan.	6	0.4	2.1	0.0	2	0.1	0.3	0.0	3638.0	0.0	0.0
Feb.	5	0.3	2.8	0.0	2	0.1	0.2	0.0	3638.0	0.0	0.0
Mar.	6	0.4	3.4	0.0	2	0.1	0.3	0.0	3638.0	0.0	0.0
Apr.	8	0.5	5.5	0.0	2	0.1	0.4	0.0	3638.0	0.0	0.0
May	8	0.5	6.9	0.0	2	0.1	0.4	0.0	3638.0	0.0	0.0
June	8	0.5	9.0	0.0	2	0.1	0.4	0.0	3638.0	0.0	0.0
July	3	0.2	10.3	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Aug.	3	0.2	9.0	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Sept.	2	0.1	7.6	0.0	2	0.1	0.0	0	3638.0	0.0	0.0
Oct.	3	0.2	6.9	0.0	2	0.1	0.1	0.0	3638.0	0.0	0.0
Nov.	5	0.3	3.4	0.0	2	0.1	0.2	0.0	3638.0	0.0	0.0
Dec.	5	0.3	2.1	0.0	2	0.1	0.2	0.0	3638.0	0.0	0.0
Total		3.9	69.0	0.0		1.2	2.7	0.0			0.0
Reasonable Maximum Inflow Conditions											
Jan.	16	1.0	1.9	0.0	2	0.1	0.9	0.0	3638.0	0.0	0.0
Feb.	17	1.0	2.5	0.0	2	0.1	0.9	0.0	3638.0	0.0	0.0
Mar.	18	1.1	3.1	0.0	2	0.1	1.0	0.0	3638.0	0.0	0.0
Apr.	22	1.3	4.9	0.0	2	0.1	1.2	0.0	3638.0	0.0	0.0
May	23	1.4	6.2	0.0	2	0.1	1.3	0.0	3638.0	0.0	0.0
June	22	1.3	8.0	0.0	2	0.1	1.2	0.0	3638.0	0.0	0.0
July	11	0.7	9.3	0.0	2	0.1	0.6	0.0	3638.0	0.0	0.0
Aug.	6	0.4	8.0	0.0	2	0.1	0.3	0.0	3638.0	0.0	0.0
Sept.	5	0.3	6.8	0.0	2	0.1	0.2	0.0	3638.0	0.0	0.0
Oct.	8	0.5	6.2	0.0	2	0.1	0.4	0.0	3638.0	0.0	0.0
Nov.	13	0.8	3.1	0.0	2	0.1	0.7	0.0	3638.0	0.0	0.0
Dec.	15	0.9	1.9	0.0	2	0.1	0.8	0.0	3638.0	0.0	0.0
Total		10.7	61.9	0.0		1.2	9.5	0.0			0.0

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-27.—Enders Reservoir operation estimates – 2026

Enders Reservoir Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	5	0.3	1.5	0.1	2	0.1	0.0	0.0	3081.7	8.5	0.2
Feb.	5	0.3	1.7	0.1	2	0.1	0.0	0.0	3081.8	8.6	0.1
Mar.	5	0.3	2.9	0.1	2	0.1	0.0	0.0	3082.0	8.7	0.1
Apr.	5	0.3	6.2	0.2	2	0.1	0.0	0.0	3082.0	8.7	0.0
May	5	0.3	7.9	0.3	2	0.1	0.0	0.0	3081.8	8.6	-0.1
June	5	0.3	10.0	0.4	2	0.1	0.0	0.0	3081.5	8.4	-0.2
July	6	0.4	10.9	0.4	2	0.1	0.0	0.0	3081.3	8.3	-0.1
Aug.	5	0.3	9.3	0.3	2	0.1	0.0	0.0	3081.1	8.2	-0.1
Sept.	5	0.3	6.9	0.2	2	0.1	0.0	0.0	3081.1	8.2	0.0
Oct.	5	0.3	4.4	0.2	2	0.1	0.0	0.0	3081.1	8.2	0.0
Nov.	5	0.3	3.2	0.1	2	0.1	0.0	0.0	3081.3	8.3	0.1
Dec.	5	0.3	1.8	0.1	2	0.1	0.0	0.0	3081.5	8.4	0.1
Total		3.7	66.7	2.5		1.2	0.0	0.0			0.1
Most Probable Inflow Conditions											
Jan.	6	0.4	1.3	0.0	2	0.1	0.0	0	3081.9	8.7	0.3
Feb.	7	0.4	1.5	0.1	2	0.1	0.0	0	3082.2	8.9	0.2
Mar.	6	0.4	2.5	0.1	2	0.1	0.0	0.0	3082.5	9.1	0.2
Apr.	7	0.4	5.4	0.2	2	0.1	0.0	0.0	3082.7	9.2	0.1
May	6	0.4	6.9	0.3	2	0.1	0.0	0.0	3082.7	9.2	0.0
June	7	0.4	8.7	0.3	2	0.1	0.0	0.0	3082.7	9.2	0.0
July	8	0.5	9.6	0.4	2	0.1	0.0	0.0	3082.7	9.2	0.0
Aug.	6	0.4	8.1	0.3	2	0.1	0.0	0.0	3082.7	9.2	0.0
Sept.	7	0.4	6.0	0.2	2	0.1	0.0	0.0	3082.8	9.3	0.1
Oct.	6	0.4	3.8	0.1	2	0.1	0.0	0.0	3083.1	9.5	0.2
Nov.	7	0.4	2.8	0.1	2	0.1	0.0	0.0	3083.4	9.7	0.2
Dec.	6	0.4	1.6	0.1	2	0.1	0.0	0.0	3083.7	9.9	0.2
Total		4.9	58.2	2.2		1.2	0.0	0.0			1.5
Reasonable Maximum Inflow Conditions											
Jan.	11	0.7	1.2	0.0	2	0.1	0.0	0.0	3082.4	9.0	0.6
Feb.	11	0.6	1.3	0.0	2	0.1	0.0	0.0	3083.1	9.5	0.5
Mar.	10	0.6	2.3	0.1	2	0.1	0.0	0.0	3083.7	9.9	0.4
Apr.	10	0.6	4.9	0.2	2	0.1	0.0	0.0	3084.2	10.2	0.3
May	11	0.7	6.3	0.2	2	0.1	0.0	0.0	3084.8	10.6	0.4
June	10	0.6	8.0	0.3	2	0.1	0.0	0.0	3085.1	10.8	0.2
July	13	0.8	8.7	0.4	2	0.1	0.0	0.0	3085.5	11.1	0.3
Aug.	11	0.7	7.4	0.3	2	0.1	0.0	0.0	3085.9	11.4	0.3
Sept.	10	0.6	5.5	0.2	2	0.1	0.0	0.0	3086.3	11.7	0.3
Oct.	10	0.6	3.5	0.1	2	0.1	0.0	0.0	3086.9	12.1	0.4
Nov.	10	0.6	2.5	0.1	2	0.1	0.0	0.0	3087.4	12.5	0.4
Dec.	10	0.6	1.4	0.1	2	0.1	0.0	0.0	3087.9	12.9	0.4
Total		7.7	53.0	2.0		1.2	0.0	0.0			4.5

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-28.—Swanson Lake operation estimates – 2026

Swanson Lake Operation Estimates – 2026											
Month	Inflow		Evaporation		Release		Reservoir	Shortage	End of Month	Cont	Reservoir
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	Spill	KAF	Elev	KAF	Change
							KAF		ft		KAF
Reasonable Minimum Inflow Conditions											
Jan.	23	1.4	1.5	0.3	2	0.1	0.0	0.0	2736.8	49.7	1.0
Feb.	36	2.0	1.6	0.3	2	0.1	0.0	0.0	2737.3	51.3	1.6
Mar.	41	2.5	3.0	0.6	2	0.1	0.0	0.0	2737.8	53.1	1.8
Apr.	44	2.6	6.5	1.2	2	0.1	0.0	0.0	2738.2	54.4	1.3
May	41	2.5	7.7	1.5	2	0.1	0.0	0.0	2738.5	55.3	0.9
June	32	1.9	9.9	1.9	52	3.1	0.0	0.0	2737.6	52.2	-3.1
July	18	1.1	9.9	1.9	193	11.9	0.0	0.0	2733.4	39.5	-12.7
Aug.	10	0.6	9.9	1.6	153	9.4	0.0	0.0	2729.5	29.1	-10.4
Sept.	5	0.3	7.7	1.1	23	1.4	0.0	0.0	2728.6	26.9	-2.2
Oct.	6	0.4	4.7	0.6	2	0.1	0.0	0.0	2728.5	26.6	-0.3
Nov.	17	1.0	3.2	0.4	2	0.1	0.0	0.0	2728.7	27.1	0.5
Dec.	18	1.1	1.8	0.2	2	0.1	0.0	0.0	2729.0	27.9	0.8
Total		17.4	67.4	11.6		26.6	0.0	0.0			-20.8
Most Probable Inflow Conditions											
Jan.	37	2.3	1.3	0.2	2	0.1	0.0	0.0	2737.1	50.7	2.0
Feb.	59	3.3	1.4	0.3	2	0.1	0.0	0.0	2738.0	53.6	2.9
Mar.	67	4.1	2.7	0.5	2	0.1	0.0	0.0	2739.0	57.1	3.5
Apr.	72	4.3	5.8	1.1	2	0.1	0.0	0.0	2739.9	60.2	3.1
May	65	4.0	6.9	1.4	3	0.2	0.0	0.0	2740.6	62.6	2.4
June	52	3.1	8.9	1.9	36	2.2	0.0	0.0	2740.3	61.6	-1.0
July	28	1.7	8.9	1.8	133	8.2	0.0	0.0	2737.9	53.3	-8.3
Aug.	15	0.9	8.9	1.7	106	6.5	0.0	0.0	2735.6	46.0	-7.3
Sept.	8	0.5	6.9	1.2	16	1.0	0.0	0.0	2735.0	44.3	-1.7
Oct.	11	0.7	4.2	0.7	2	0.1	0.0	0.0	2735.0	44.2	-0.1
Nov.	29	1.7	2.9	0.5	2	0.1	0.0	0.0	2735.4	45.3	1.1
Dec.	31	1.9	1.6	0.3	2	0.1	0.0	0.0	2735.8	46.8	1.5
Total		28.5	60.4	11.6		18.8	0.0	0.0			-1.9
Reasonable Maximum Inflow Conditions											
Jan.	55	3.4	1.2	0.2	2	0.1	0.0	0.0	2737.4	51.8	3.1
Feb.	84	4.7	1.3	0.2	2	0.1	0.0	0.0	2738.8	56.2	4.4
Mar.	94	5.8	2.4	0.5	2	0.1	0.0	0.0	2740.3	61.4	5.2
Apr.	104	6.2	5.3	1.1	2	0.1	0.0	0.0	2741.7	66.4	5.0
May	94	5.8	6.3	1.4	2	0.1	0.0	0.0	2742.8	70.7	4.3
June	75	4.5	8.1	1.8	23	1.4	0.0	0.0	2743.1	72.0	1.3
July	41	2.5	8.1	1.8	84	5.2	0.0	0.0	2742.0	67.5	-4.5
Aug.	21	1.3	8.1	1.8	67	4.1	0.0	0.0	2740.7	62.9	-4.6
Sept.	12	0.7	6.3	1.3	12	0.7	0.0	0.0	2740.3	61.6	-1.3
Oct.	16	1.0	3.9	0.8	2	0.1	0.0	0.0	2740.4	61.7	0.1
Nov.	40	2.4	2.6	0.5	2	0.1	0.0	0.0	2740.9	63.5	1.8
Dec.	44	2.7	1.4	0.3	2	0.1	0.0	0.0	2741.5	65.8	2.3
Total		41.0	55.0	11.7		12.2	0.0	0.0			17.1

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-29.—Hugh Butler Lake operation estimates – 2026

Hugh Butler Lake Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	In.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	8	0.5	1.3	0.1	2	0.1	0.0	0.0	2565.8	15.5	0.3
Feb.	9	0.5	1.4	0.1	2	0.1	0.0	0.0	2566.1	15.8	0.3
Mar.	11	0.7	2.6	0.1	2	0.1	0.0	0.0	2566.6	16.3	0.5
Apr.	12	0.7	7.2	0.4	2	0.1	0.0	0.0	2566.8	16.5	0.2
May	11	0.7	8.5	0.5	2	0.1	0.0	0.0	2566.9	16.6	0.1
June	12	0.7	10.4	0.6	2	0.1	0.0	0.0	2566.9	16.6	0.0
July	10	0.6	11.5	0.7	2	0.1	0.0	0.0	2566.7	16.4	-0.2
Aug.	10	0.6	10.2	0.6	2	0.1	0.0	0.0	2566.6	16.3	-0.1
Sept.	7	0.4	7.9	0.5	2	0.1	0.0	0.0	2566.4	16.1	-0.2
Oct.	6	0.4	5.0	0.3	2	0.1	0.0	0.0	2566.4	16.1	0.0
Nov.	8	0.5	3.0	0.2	2	0.1	0.0	0.0	2566.6	16.3	0.2
Dec.	6	0.4	1.6	0.1	2	0.1	0.0	0.0	2566.8	16.5	0.2
Total		6.7	70.6	4.2		1.2	0.0	0.0			1.3
Most Probable Inflow Conditions											
Jan.	11	0.7	1.1	0.1	2	0.1	0.0	0.0	2566.0	15.7	0.5
Feb.	14	0.8	1.2	0.1	2	0.1	0.0	0.0	2566.6	16.3	0.6
Mar.	16	1.0	2.3	0.1	2	0.1	0.0	0.0	2567.4	17.1	0.8
Apr.	17	1.0	6.3	0.4	2	0.1	0.0	0.0	2567.8	17.6	0.5
May	16	1.0	7.5	0.5	2	0.1	0.0	0.0	2568.2	18.0	0.4
June	17	1.0	9.1	0.6	2	0.1	0.0	0.0	2568.5	18.3	0.3
July	13	0.8	10.1	0.6	2	0.1	0.0	0.0	2568.6	18.4	0.1
Aug.	13	0.8	9.0	0.6	2	0.1	0.0	0.0	2568.7	18.5	0.1
Sept.	8	0.5	7.0	0.4	2	0.1	0.0	0.0	2568.7	18.5	0.0
Oct.	10	0.6	4.4	0.3	2	0.1	0.0	0.0	2568.9	18.7	0.2
Nov.	12	0.7	2.7	0.2	2	0.1	0.0	0.0	2569.2	19.1	0.4
Dec.	11	0.7	1.4	0.1	2	0.1	0.0	0.0	2569.7	19.6	0.5
Total		9.6	62.1	4.0		1.2	0.0	0.0			4.4
Reasonable Maximum Inflow Conditions											
Jan.	18	1.1	1.0	0.1	2	0.1	0.0	0.0	2566.4	16.1	0.9
Feb.	23	1.3	1.1	0.1	2	0.1	0.0	0.0	2567.5	17.2	1.1
Mar.	28	1.7	2.1	0.1	2	0.1	0.0	0.0	2568.9	18.7	1.5
Apr.	27	1.6	5.8	0.4	2	0.1	0.0	0.0	2569.9	19.8	1.1
May	28	1.7	6.8	0.4	2	0.1	0.0	0.0	2570.9	21.0	1.2
June	29	1.7	8.4	0.6	2	0.1	0.0	0.0	2571.7	22.0	1.0
July	23	1.4	9.3	0.7	2	0.1	0.0	0.0	2572.2	22.6	0.6
Aug.	23	1.4	8.3	0.6	2	0.1	0.0	0.0	2572.8	23.3	0.7
Sep.	15	0.9	6.4	0.5	2	0.1	0.0	0.0	2573.0	23.6	0.3
Oct.	16	1.0	4.0	0.3	2	0.1	0.0	0.0	2573.5	24.2	0.6
Nov.	18	1.1	2.4	0.2	2	0.1	0.0	0.0	2574.1	25.0	0.8
Dec.	18	1.1	1.3	0.1	2	0.1	0.0	0.0	2574.8	25.9	0.9
Total		16.0	56.9	4.1		1.2	0.0	0.0			10.7

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-30.—Harry Strunk Lake Operation estimates – 2026

Harry Strunk Lake Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	34	2.1	1.3	0.1	2	0.1	0.0	0.0	2362.3	28.4	1.9
Feb.	43	2.4	1.4	0.1	2	0.1	0.0	0.0	2363.7	30.6	2.2
Mar.	45	2.8	2.6	0.2	2	0.1	0.0	0.0	2365.2	33.1	2.5
Apr.	45	2.7	7.1	0.7	2	0.1	0.4	0.0	2366.1	34.6	1.5
May	49	3.0	8.2	0.9	2	0.1	2.0	0.0	2366.1	34.6	0.0
June	50	3.0	10.2	1.1	117	7.0	0.0	0.0	2363.0	29.5	-5.1
July	47	2.9	11.2	1.0	153	9.4	0.0	0.0	2357.6	22.0	-7.5
Aug.	37	2.3	9.9	0.7	167	10.3	0.0	0.0	2349.7	13.3	-8.7
Sept.	23	1.4	7.8	0.4	40	2.4	0.0	0.0	2348.1	11.9	-1.4
Oct.	29	1.8	5.1	0.3	2	0.1	0.0	0.0	2349.7	13.3	1.4
Nov.	34	2.0	3.1	0.2	2	0.1	0.0	0.0	2351.4	15.0	1.7
Dec.	32	2.0	1.6	0.1	2	0.1	0.0	0.0	2353.1	16.8	1.8
Total		28.4	69.5	5.8		29.9	2.4	0.0			-9.7
Most Probable Inflow Conditions											
Jan.	49	3.0	1.2	0.1	2	0.1	0.0	0.0	2362.9	29.3	2.8
Feb.	63	3.5	1.2	0.1	2	0.1	0.0	0.0	2364.9	32.6	3.3
Mar.	65	4.0	2.3	0.2	2	0.1	1.7	0.0	2366.1	34.6	2.0
Apr.	65	3.9	6.3	0.7	2	0.1	3.1	0.0	2366.1	34.6	0.0
May	70	4.3	7.3	0.8	2	0.1	3.4	0.0	2366.1	34.6	0.0
June	72	4.3	9.1	1.0	102	6.1	0.0	0.0	2364.4	31.8	-2.8
July	67	4.1	10.0	1.0	131	8.1	0.0	0.0	2361.2	26.8	-5.0
Aug.	54	3.3	8.8	0.7	144	8.9	0.0	0.0	2356.4	20.5	-6.3
Sept.	35	2.1	6.9	0.5	35	2.1	0.0	0.0	2356.0	20.0	-0.5
Oct.	44	2.7	4.5	0.3	2	0.1	0.0	0.0	2357.8	22.3	2.3
Nov.	49	2.9	2.7	0.2	2	0.1	0.0	0.0	2359.8	24.9	2.6
Dec.	45	2.8	1.4	0.1	2	0.1	0.0	0.0	2361.7	27.5	2.6
Total		40.9	61.7	5.7		26.0	8.2	0.0			1.0
Reasonable Maximum Inflow Conditions											
Jan.	76	4.7	1.0	0.1	2	0.1	0.0	0.0	2364.0	31.0	4.5
Feb.	97	5.4	1.1	0.1	2	0.1	1.6	0.0	2366.1	34.6	3.6
Mar.	102	6.3	2.0	0.2	2	0.1	6.0	0.0	2366.1	34.6	0.0
Apr.	101	6.0	5.6	0.6	2	0.1	5.3	0.0	2366.1	34.6	0.0
May	109	6.7	6.5	0.7	2	0.1	5.9	0.0	2366.1	34.6	0.0
June	112	6.7	8.1	0.9	87	5.2	0.6	0.0	2366.1	34.6	0.0
July	104	6.4	8.9	1.0	112	6.9	0.0	0.0	2365.2	33.1	-1.5
Aug.	83	5.1	7.9	0.8	122	7.5	0.0	0.0	2363.3	29.9	-3.2
Sep.	54	3.2	6.2	0.6	30	1.8	0.0	0.0	2363.8	30.7	0.8
Oct.	67	4.1	4.0	0.4	2	0.1	0.0	0.0	2365.9	34.3	3.6
Nov.	74	4.4	2.4	0.3	2	0.1	3.7	0.0	2366.1	34.6	0.3
Dec.	71	4.4	1.3	0.1	2	0.1	4.2	0.0	2366.1	34.6	0.0
Total		63.4	55.0	5.8		22.2	27.3	0.0			8.1

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-31.—Keith Sebelius Lake operation estimates – 2026

Keith Sebelius Lake Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	2	0.1	1.5	0.1	2	0.1	0.0	0.0	2290.7	12.4	-0.1
Feb.	4	0.2	1.8	0.1	2	0.1	0.0	0.0	2290.7	12.4	0.0
Mar.	6	0.4	3.0	0.2	2	0.1	0.0	0.0	2290.8	12.5	0.1
Apr.	7	0.4	7.8	0.5	2	0.1	0.0	0.0	2290.6	12.3	-0.2
May	10	0.6	8.7	0.6	2	0.1	0.0	0.0	2290.5	12.2	-0.1
June	13	0.8	11.0	0.7	8	0.5	0.0	0.0	2290.1	11.8	-0.4
July	10	0.6	12.3	0.8	67	4.1	0.0	2.6	2288.4	10.1	-1.7
Aug.	8	0.5	11.0	0.6	49	3.0	0.0	2.9	2288.2	9.9	-0.2
Sept.	3	0.2	8.7	0.5	2	0.1	0.0	0.0	2287.8	9.5	-0.4
Oct.	2	0.1	6.0	0.3	2	0.1	0.0	0.0	2287.4	9.2	-0.3
Nov.	2	0.1	3.3	0.2	2	0.1	0.0	0.0	2287.2	9.0	-0.2
Dec.	2	0.1	1.7	0.1	2	0.1	0.0	0.0	2287.1	8.9	-0.1
Total		4.1	76.8	4.7		8.5	0.0	5.5			-3.6
Most Probable Inflow Conditions											
Jan.	3	0.2	1.4	0.1	2	0.1	0.0	0.0	2290.8	12.5	0.0
Feb.	5	0.3	1.6	0.1	2	0.1	0.0	0.0	2290.9	12.6	0.1
Mar.	10	0.6	2.6	0.2	2	0.1	0.0	0.0	2291.1	12.9	0.3
Apr.	10	0.6	6.9	0.5	2	0.1	0.0	0.0	2291.1	12.9	0.0
May	16	1.0	7.7	0.5	2	0.1	0.0	0.0	2291.4	13.3	0.4
June	22	1.3	9.7	0.7	2	0.1	0.0	0.0	2291.9	13.8	0.5
July	15	0.9	10.8	0.8	41	2.5	0.0	0.0	2289.8	11.4	-2.4
Aug.	13	0.8	9.7	0.6	45	2.8	0.0	1	2288.4	10.1	-1.3
Sept.	7	0.4	7.7	0.4	2	0.1	0.0	0	2288.3	10.0	-0.1
Oct.	3	0.2	5.3	0.3	2	0.1	0.0	0	2288.1	9.8	-0.2
Nov.	3	0.2	2.9	0.2	2	0.1	0.0	0	2288.0	9.7	-0.1
Dec.	3	0.2	1.5	0.1	2	0.1	0.0	0	2288.0	9.7	0.0
Total		6.7	67.8	4.5		6.3	0.0	1.3			-2.8
Reasonable Maximum Inflow Conditions											
Jan.	8	0.5	1.2	0.1	2	0.1	0.0	0.0	2291.0	12.8	0.3
Feb.	11	0.6	1.5	0.1	2	0.1	0.0	0.0	2291.4	13.2	0.4
Mar.	18	1.1	2.4	0.2	2	0.1	0.0	0.0	2292.0	14.0	0.8
Apr.	20	1.2	6.2	0.4	2	0.1	0.0	0.0	2292.6	14.7	0.7
May	31	1.9	6.9	0.5	2	0.1	0.0	0.0	2293.6	16.0	1.3
June	40	2.4	8.7	0.7	13	0.8	0.0	0.0	2294.3	16.9	0.9
July	28	1.7	9.8	0.8	23	1.4	0.0	0.0	2293.9	16.4	-0.5
Aug.	26	1.6	8.7	0.7	6	0.4	0.0	0.0	2294.3	16.9	0.5
Sept.	12	0.7	6.9	0.6	2	0.1	0.0	0.0	2294.3	16.9	0.0
Oct.	5	0.3	4.8	0.4	2	0.1	0.0	0.0	2294.1	16.7	-0.2
Nov.	8	0.5	2.6	0.2	2	0.1	0.0	0.0	2294.3	16.9	0.2
Dec.	6	0.4	1.3	0.1	2	0.1	0.0	0.0	2294.4	17.1	0.2
Total		12.9	61.0	4.8		3.5	0.0	0.0			4.6

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-32.—Harlan County Lake operation estimates – 2026

Harlan County Lake Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	52	3.2	1.4	1.2	0	0.0	0.0	0.0	1935.3	191.5	2.0
Feb.	81	4.5	1.6	1.4	0	0.0	0.0	0.0	1935.6	194.6	3.1
Mar.	107	6.6	2.8	2.4	0	0.0	0.0	0.0	1936.0	198.8	4.2
Apr.	92	5.5	6.5	5.6	0	0.0	0.0	0.0	1936.0	198.7	-0.1
May	117	7.2	8.0	6.9	4	0.2	0.0	0.0	1936.0	198.8	0.1
June	97	5.8	9.5	8.2	241	14.4	0.0	0.0	1934.3	182.0	-16.8
July	99	6.1	10.7	8.8	608	37.5	0.0	0.0	1929.9	141.8	-40.2
Aug.	80	4.9	9.4	6.6	530	32.7	0.0	17.0	1927.9	124.5	-17.3
Sept.	39	2.3	7.4	4.7	53	3.2	0.0	3.2	1927.5	122.1	-2.4
Oct.	37	2.3	5.1	3.2	0	0.0	0.0	0.0	1927.4	121.2	-0.9
Nov.	49	2.9	3.2	2.0	0	0.0	0.0	0.0	1927.5	122.1	0.9
Dec.	49	3.0	2.0	1.3	0	0.0	0.0	0.0	1927.8	123.8	1.7
Total		54.3	67.6	52.3		87.9	0.0	20.2			-65.7
Most Probable Inflow Conditions											
Jan.	109	6.7	1.2	1.0	0	0.0	0.0	0	1935.6	195.2	5.7
Feb.	171	9.5	1.4	1.2	0	0.0	0.0	0	1936.4	203.5	8.3
Mar.	229	14.1	2.4	2.1	0	0.0	0.0	0	1937.5	215.5	12.0
Apr.	198	11.8	5.7	5.1	0	0.0	0.0	0	1938.2	222.2	6.7
May	250	15.4	7.0	6.4	0	0.0	0.0	0	1939.0	231.2	9.0
June	208	12.4	8.4	7.9	49	2.9	0.0	0	1939.1	232.8	1.6
July	209	12.9	9.4	8.8	302	18.6	0.0	0	1937.8	218.3	-14.5
Aug.	169	10.4	8.3	7.6	272	16.8	0.0	0	1936.5	204.3	-14.0
Sept.	84	5.0	6.5	5.7	27	1.6	0.0	0	1936.3	202.0	-2.3
Oct.	78	4.8	4.5	3.9	0	0.0	0.0	0	1936.4	202.9	0.9
Nov.	104	6.2	2.8	2.5	0	0.0	0.0	0	1936.7	206.6	3.7
Dec.	102	6.3	1.8	1.6	0	0.0	0.0	0	1937.2	211.3	4.7
Total		115.5	59.4	53.8		39.9	0.0	0.0			21.8
Reasonable Maximum Inflow Conditions											
Jan.	227	14.0	1.1	0.9	0	0.0	0.0	0.0	1936.3	202.6	13.1
Feb.	354	19.7	1.3	1.1	0	0.0	0.0	0.0	1938.1	221.2	18.6
Mar.	476	29.3	2.2	2.0	0	0.0	0.0	0.0	1940.5	248.5	27.3
Apr.	411	24.5	5.0	5.0	0	0.0	0.0	0.0	1942.1	268.0	19.5
May	519	32.0	6.2	6.4	0	0.0	0.0	0.0	1944.1	293.6	25.6
June	431	25.7	7.4	7.8	39	2.3	0.0	0.0	1945.3	309.2	15.6
July	437	26.9	8.3	9.1	143	8.8	4.1	0.0	1945.7	314.1	4.9
Aug.	351	21.6	7.3	8.1	120	7.4	6.1	0.0	1945.7	314.1	0.0
Sept.	173	10.3	5.8	6.4	18	1.1	2.8	0.0	1945.7	314.1	0.0
Oct.	164	10.1	3.9	4.3	0	0.0	5.8	0.0	1945.7	314.1	0.0
Nov.	218	13.0	2.5	2.8	0	0.0	10.2	0.0	1945.7	314.1	0.0
Dec.	214	13.2	1.6	1.8	0	0.0	11.4	0.0	1945.7	314.1	0.0
Total		240.3	52.6	55.7		19.6	40.4	0.0			124.6

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-33.—Lovewell Reservoir operation estimates – 2026

Lovewell Reservoir Operation Estimates – 2026											
Month	White Rock Creek Inflow	Courtland Canal Inflow	Evaporation		Release Requirment		Reservoir Spill		Shortage	End of Month	
	KAF	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	KAF	Elev ft	Cont KAF
Reasonable Minimum Inflow Conditions											
Jan.	0.3	1.1	1.2	0.0	0	0.0	0.0	0.0	0.0	1579.8	27.0
Feb.	0.5	2.5	1.5	0.0	0	0.0	0.0	0.0	0.0	1580.9	30.0
Mar.	1.2	3.3	2.6	0.0	0	0.0	0.0	0.0	0.0	1582.5	34.5
Apr.	1.1	2.3	5.4	0.1	0	0.0	0.0	0.0	0.0	1583.6	37.8
May	1.3	2.7	6.9	0.1	10	0.6	0.0	0.0	0.0	1584.6	41.1
June	1.4	5.3	8.9	0.1	111	6.6	0.0	0.0	0.0	1584.6	41.1
July	1.0	3.3	9.7	0.1	333	20.5	0.0	0.0	0.0	1579.0	24.8
Aug.	0.1	5.1	7.9	0.1	229	14.1	0.0	0.0	0.0	1575.0	15.8
Sept.	0.8	0.8	6.0	0.1	30	1.8	0.0	0.0	0.0	1574.8	15.5
Oct.	0.5	1.9	4.1	0.0	0	0.0	0.0	0.0	0.0	1576.0	17.9
Nov.	0.4	2.5	3.0	0.0	0	0.0	0.0	0.0	0.0	1577.4	20.8
Dec.	0.3	2.6	1.5	0.0	0	0.0	0.0	0.0	0.0	1578.6	23.7
Total	8.9	33.4	58.7	0.6		43.6	0.0	0.0			
Most Probable Inflow Conditions											
Jan.	0.9	1.9	1.0	0.0	0	0.0	0.0	0.0	0.0	1580.3	28.4
Feb.	1.4	3.0	1.3	0.0	0	0.0	0.0	0.0	0.0	1581.9	32.8
Mar.	3.2	0.5	2.3	0.0	0	0.0	0.0	0.0	0.0	1583.1	36.5
Apr.	2.9	0.0	4.7	0.1	0	0.0	0.0	0.0	0.0	1584.0	39.3
May	3.6	0.0	6.0	0.1	8	0.5	1.2	0.0	0.0	1584.6	41.1
June	4.0	0.0	7.8	0.1	89	5.3	0.0	0.0	0.0	1584.2	39.7
July	2.7	0.0	8.5	0.1	271	16.7	0.0	0.0	0.0	1579.3	25.6
Aug.	0.3	1.5	6.9	0.1	187	11.5	0.0	0.0	0.0	1575.0	15.8
Sept.	2.1	0.8	5.2	0.1	25	1.5	0.0	0.0	0.0	1575.7	17.1
Oct.	1.4	4.7	3.6	0.0	0	0.0	0.0	0.0	0.0	1578.4	23.2
Nov.	1.2	1.9	2.7	0.0	0	0.0	0.0	0.0	0.0	1579.6	26.3
Dec.	0.8	0.0	1.3	0.0	0	0.0	0.0	0.0	0.0	1579.9	27.1
Total	24.5	14.3	51.3	0.6		35.5	1.2	0.0			
Reasonable Maximum Inflow Conditions											
Jan.	2.6	1.0	0.9	0.0	0	0.0	0.0	0.0	0.0	1580.6	29.2
Feb.	4.0	0.0	1.1	0.0	0	0.0	0.0	0.0	0.0	1582.0	33.2
Mar.	9.0	0.0	2.0	0.0	0	0.0	1.1	0.0	0.0	1584.6	41.1
Apr.	8.2	0.0	4.1	0.0	0	0.0	8.2	0.0	0.0	1584.6	41.1
May	10.3	0.0	5.2	0.1	6	0.4	9.8	0.0	0.0	1584.6	41.1
June	11.2	0.0	6.7	0.1	65	3.9	7.2	0.0	0.0	1584.6	41.1
July	7.6	0.0	7.3	0.1	200	12.3	0.0	0.0	0.0	1583.1	36.3
Aug.	0.8	0.0	6.0	0.1	135	8.3	0.0	0.0	0.0	1580.5	28.7
Sept.	6.0	0.0	4.5	0.0	18	1.1	0.0	0.0	0.0	1582.2	33.6
Oct.	4.0	0.0	3.1	0.0	0	0.0	0.0	0.0	0.0	1583.5	37.6
Nov.	3.5	0.0	2.3	0.0	0	0.0	11.1	0.0	0.0	1580.9	30.0
Dec.	2.4	0.0	1.1	0.0	0	0.0	2.4	0.0	0.0	1580.9	30.0
Total	69.6	1.0	44.3	0.4		26.0	39.8	0.0			

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-34.—Kirwin Reservoir operation estimates – 2026

Kirwin Reservoir Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	6	0.4	1.3	0.2	0	0.0	0.0	0.0	1711.7	32.0	0.2
Feb.	11	0.6	1.6	0.2	0	0.0	0.0	0.0	1711.9	32.4	0.4
Mar.	18	1.1	2.8	0.4	0	0.0	0.0	0.0	1712.2	33.1	0.7
Apr.	20	1.2	6.4	1.0	0	0.0	0.0	0.0	1712.3	33.3	0.2
May	32	2.0	7.8	1.2	8	0.5	0.0	0.0	1712.4	33.6	0.3
June	27	1.6	9.6	1.5	87	5.2	0.0	0.0	1710.3	28.5	-5.1
July	26	1.6	10.9	1.4	193	11.9	0.0	0.0	1703.7	16.8	-11.7
Aug.	18	1.1	9.6	0.8	179	11.0	0.0	5.7	1700.0	11.8	-5.0
Sept.	10	0.6	7.4	0.5	8	0.5	0.0	0.4	1700.0	11.8	0.0
Oct.	6	0.4	5.1	0.4	0	0.0	0.0	0.0	1700.0	11.8	0.0
Nov.	8	0.5	3.0	0.2	0	0.0	0.0	0.0	1700.2	12.1	0.3
Dec.	6	0.4	1.6	0.1	0	0.0	0.0	0.0	1700.4	12.4	0.3
Total		11.5	67.1	7.9		29.1	0.0	6.1			-19.4
Most Probable Inflow Conditions											
Jan.	19	1.2	1.2	0.2	0	0.0	0.0	0.0	1712.1	32.8	1.0
Feb.	32	1.8	1.5	0.2	0	0.0	0.0	0.0	1712.7	34.4	1.6
Mar.	52	3.2	2.6	0.4	0	0.0	0.0	0.0	1713.7	37.2	2.8
Apr.	59	3.5	5.8	1.0	0	0.0	0.0	0.0	1714.6	39.7	2.5
May	91	5.6	7.1	1.2	6	0.4	0.0	0.0	1715.8	43.7	4.0
June	75	4.5	8.7	1.6	71	4.4	0.0	0.0	1715.4	42.2	-1.5
July	71	4.4	9.9	1.8	193	11.9	0.0	0.0	1712.1	32.9	-9.3
Aug.	50	3.1	8.7	1.3	149	9.2	0.0	0.0	1708.9	25.5	-7.4
Sept.	25	1.5	6.7	0.8	8	0.5	0.0	0.0	1709.0	25.7	0.2
Oct.	16	1.0	4.6	0.5	0	0.0	0.0	0.0	1709.2	26.2	0.5
Nov.	23	1.4	2.7	0.3	0	0.0	0.0	0.0	1709.7	27.3	1.1
Dec.	18	1.1	1.5	0.2	0	0.0	0.0	0.0	1710.1	28.2	0.9
Total		32.3	61.0	9.5		26.4	0.0	0.0			-3.6
Reasonable Maximum Inflow Conditions											
Jan.	52	3.2	1.0	0.1	0	0.0	0.0	0.0	1712.9	34.9	3.1
Feb.	86	4.8	1.3	0.2	0	0.0	0.0	0.0	1714.5	39.5	4.6
Mar.	138	8.5	2.3	0.4	0	0.0	0.0	0.0	1717.0	47.6	8.1
Apr.	153	9.1	5.2	1.0	0	0.0	0.0	0.0	1719.3	55.7	8.1
May	242	14.9	6.4	1.3	5	0.3	0.0	0.0	1722.8	69.0	13.3
June	200	11.9	7.8	1.9	59	3.5	0.0	0.0	1724.4	75.5	6.5
July	188	11.6	8.9	2.2	167	10.3	0.0	0.0	1724.2	74.6	-0.9
Aug.	131	8.1	7.8	1.9	119	7.3	0.0	0.0	1723.9	73.5	-1.1
Sep.	69	4.1	6.0	1.5	7	0.4	0.0	0.0	1724.4	75.7	2.2
Oct.	44	2.7	4.2	1.1	0	0.0	0.0	0.0	1724.8	77.3	1.6
Nov.	60	3.6	2.5	0.6	0	0.0	0.0	0.0	1725.4	80.3	3.0
Dec.	47	2.9	1.3	0.3	0	0.0	0.0	0.0	1726.1	82.9	2.6
Total		85.4	54.7	12.5		21.8	0.0	0.0			51.1

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-35.—Webster Reservoir operation estimates – 2026

Webster Reservoir Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	3	0.2	1.3	0.1	0	0.0	0.0	0.0	1867.0	12.7	0.1
Feb.	5	0.3	1.5	0.1	0	0.0	0.0	0.0	1867.1	12.9	0.2
Mar.	8	0.5	2.9	0.2	0	0.0	0.0	0.0	1867.3	13.2	0.3
Apr.	10	0.6	6.5	0.6	0	0.0	0.0	0.0	1867.3	13.2	0.0
May	16	1.0	8.2	0.7	0	0.0	0.0	0.0	1867.5	13.5	0.3
June	12	0.7	10.3	0.9	0	0.0	0.0	0.0	1867.4	13.3	-0.2
July	11	0.7	11.4	1.0	0	0.0	0.0	0.0	1867.2	13.0	-0.3
Aug.	6	0.4	10.5	0.9	0	0.0	0.0	0.0	1866.9	12.5	-0.5
Sept.	3	0.2	7.7	0.6	0	0.0	0.0	0.0	1866.6	12.1	-0.4
Oct.	2	0.1	5.1	0.4	0	0.0	0.0	0.0	1866.4	11.8	-0.3
Nov.	3	0.2	3.2	0.3	0	0.0	0.0	0.0	1866.3	11.7	-0.1
Dec.	3	0.2	1.7	0.1	0	0.0	0.0	0.0	1866.4	11.8	0.1
Total		5.1	70.3	5.9		0.0	0.0	0.0			-0.8
Most Probable Inflow Conditions											
Jan.	13	0.8	1.1	0.1	0	0.0	0.0	0.0	1867.4	13.3	0.7
Feb.	20	1.1	1.4	0.1	0	0.0	0.0	0.0	1868.1	14.3	1.0
Mar.	31	1.9	2.6	0.2	0	0.0	0.0	0.0	1869.2	16.0	1.7
Apr.	45	2.7	5.8	0.5	0	0.0	0.0	0.0	1870.6	18.2	2.2
May	67	4.1	7.3	0.7	0	0.0	0.0	0.0	1872.5	21.6	3.4
June	49	2.9	9.3	1.0	0	0.0	0.0	0.0	1873.5	23.5	1.9
July	45	2.8	10.2	1.1	0	0.0	0.0	0.0	1874.4	25.2	1.7
Aug.	26	1.6	9.5	1.1	0	0.0	0.0	0.0	1874.6	25.7	0.5
Sept.	17	1.0	6.9	0.8	0	0.0	0.0	0.0	1874.8	25.9	0.2
Oct.	8	0.5	4.6	0.5	0	0.0	0.0	0.0	1874.8	25.9	0.0
Nov.	12	0.7	2.8	0.3	0	0.0	0.0	0.0	1874.9	26.3	0.4
Dec.	11	0.7	1.5	0.2	0	0.0	0.0	0.0	1875.2	26.8	0.5
Total		20.8	63.0	6.6		0.0	0.0	0.0			14.2
Reasonable Maximum Inflow Conditions											
Jan.	55	3.4	1.0	0.1	0	0.0	0.0	0.0	1869.1	15.9	3.3
Feb.	84	4.7	1.3	0.1	0	0.0	0.0	0.0	1871.8	20.5	4.6
Mar.	131	8.1	2.4	0.2	0	0.0	0.0	0.0	1875.9	28.4	7.9
Apr.	190	11.3	5.3	0.6	0	0.0	0.0	0.0	1880.6	39.1	10.7
May	282	17.4	6.7	1.0	0	0.0	0.0	0.0	1886.4	55.5	16.4
June	205	12.2	8.5	1.5	0	0.0	0.0	0.0	1889.6	66.2	10.7
July	192	11.8	9.4	1.9	0	0.0	0.0	0.0	1892.3	76.1	9.9
Aug.	114	7.0	8.7	1.9	0	0.0	5.0	0.0	1892.4	76.2	0.1
Sep.	69	4.1	6.4	1.4	0	0.0	2.7	0.0	1892.4	76.2	0.0
Oct.	37	2.3	4.2	0.9	0	0.0	1.4	0.0	1892.4	76.2	0.0
Nov.	52	3.1	2.6	0.6	0	0.0	2.5	0.0	1892.4	76.2	0.0
Dec.	47	2.9	1.4	0.3	0	0.0	2.6	0.0	1892.4	76.2	0.0
Total		88.3	57.9	10.5		0.0	14.2	0.0			63.6

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-36.—Waconda Lake operation estimates – 2026

Waconda Lake Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	32	2.0	1.1	0.7	19	1.2	0.0	0.0	1451.3	169.8	0.1
Feb.	47	2.6	1.4	0.9	18	1.0	0.0	0.0	1451.3	170.5	0.7
Mar.	89	5.5	2.7	1.6	18	1.1	0.0	0.0	1451.6	173.3	2.8
Apr.	94	5.6	6.7	4.1	17	1.0	0.0	0.0	1451.6	173.8	0.5
May	109	6.7	8.3	5.1	18	1.1	0.0	0.0	1451.7	174.3	0.5
June	92	5.5	10.4	6.5	45	2.7	0.0	0.0	1451.3	170.6	-3.7
July	149	9.2	12.3	7.5	156	9.6	0.0	0.0	1450.6	162.7	-7.9
Aug.	55	3.4	10.6	6.2	125	7.7	0.0	0.0	1449.5	152.2	-10.5
Sept.	42	2.5	8.5	4.7	35	2.1	0.0	0.0	1449.0	147.9	-4.3
Oct.	32	2.0	5.5	3.0	21	1.3	0.0	0.0	1448.8	145.6	-2.3
Nov.	37	2.2	2.9	1.5	27	1.6	0.0	0.0	1448.7	144.7	-0.9
Dec.	29	1.8	1.4	0.7	24	1.5	0.0	0.0	1448.6	144.3	-0.4
Total		49.0	71.8	42.5		31.9	0.0	0.0			-25.4
Most Probable Inflow Conditions											
Jan.	96	5.9	1.0	0.6	10	0.6	0.0	0.0	1451.7	174.4	4.7
Feb.	142	7.9	1.3	0.8	10	0.6	0.0	0.0	1452.3	180.9	6.5
Mar.	269	16.6	2.4	1.5	10	0.6	0.0	0.0	1453.6	195.4	14.5
Apr.	280	16.7	6.1	4.1	8	0.5	0.0	0.0	1454.6	207.5	12.1
May	323	19.9	7.5	5.3	10	0.6	2.1	0.0	1455.6	219.4	11.9
June	275	16.4	9.4	6.9	32	2.0	7.5	0.0	1455.6	219.4	0.0
July	446	27.5	11.0	8.1	112	6.9	12.5	0.0	1455.6	219.4	0.0
Aug.	164	10.1	9.5	7.0	89	5.5	0.0	0.0	1455.4	217.0	-2.4
Sept.	126	7.5	7.6	5.6	21	1.3	0.0	0.0	1455.5	217.6	0.6
Oct.	97	6.0	4.9	3.6	10	0.6	0.0	0.0	1455.6	219.4	1.8
Nov.	111	6.6	2.6	1.9	15	0.9	0.0	0.0	1455.8	223.2	3.8
Dec.	88	5.4	1.3	1.0	13	0.8	19.7	0.0	1454.6	207.1	-16.1
Total		146.5	64.6	46.4		20.9	41.8	0.0			37.4
Reasonable Maximum Inflow Conditions											
Jan.	305	18.8	0.9	0.5	3	0.2	0.0	0.0	1452.9	187.8	18.1
Feb.	455	25.3	1.2	0.8	4	0.2	5.0	0.0	1454.6	207.1	19.3
Mar.	860	53.0	2.2	1.6	5	0.3	48.6	0.0	1454.8	209.6	2.5
Apr.	897	53.5	5.6	4.0	5	0.3	39.4	0.0	1455.6	219.4	9.8
May	1036	63.8	6.9	5.1	3	0.2	58.5	0.0	1455.6	219.4	0.0
June	881	52.5	8.6	6.3	12	0.7	45.5	0.0	1455.6	219.4	0.0
July	1432	88.2	10.1	7.4	32	2.0	78.8	0.0	1455.6	219.4	0.0
Aug.	526	32.4	8.7	6.4	18	1.1	24.9	0.0	1455.6	219.4	0.0
Sept.	401	23.9	7.0	5.1	3	0.2	5.8	0.0	1456.5	232.2	12.8
Oct.	312	19.2	4.5	3.4	6	0.4	15.4	0.0	1456.5	232.2	0.0
Nov.	354	21.1	2.4	1.8	5	0.3	19.0	0.0	1456.5	232.2	0.0
Dec.	282	17.4	1.2	0.9	5	0.3	41.3	0.0	1454.6	207.1	-25.1
Total		469.1	59.3	43.3		6.2	382.2	0.0			37.4

Nebraska-Kansas Area Office – Annual Operating Plan
Summary of 2025 Operations and Forecast of 2026 Operations
Appendix A

Table A-37.—Cedar Bluff Reservoir operation estimates – 2026

Cedar Bluff Reservoir Operation Estimates – 2026											
Month	Inflow		Evaporation		Release Requirement		Reservoir Spill	Shortage	End Of Month Elev	Cont	Reservoir Change
	ft ³ /s	KAF	in.	KAF	ft ³ /s	KAF	KAF	KAF	ft	KAF	KAF
Reasonable Minimum Inflow Conditions											
Jan.	3	0.2	1.6	0.3	0	0.0	0.0	0.0	2120.4	59.1	-0.1
Feb.	4	0.2	1.7	0.3	0	0.0	0.0	0.0	2120.4	59.0	-0.1
Mar.	6	0.4	3.1	0.6	0	0.0	0.0	0.0	2120.3	58.8	-0.2
Apr.	10	0.6	7.8	1.4	0	0.0	0.0	0.0	2120.0	58.0	-0.8
May	15	0.9	9.3	1.6	3	0.2	0.0	0.0	2119.8	57.1	-0.9
June	15	0.9	11.4	2.0	3	0.2	0.0	0.0	2119.3	55.8	-1.3
July	19	1.2	13.8	2.4	11	0.7	0.0	0.0	2118.6	53.9	-1.9
Aug.	13	0.8	11.8	2.0	11	0.7	0.0	0.0	2118.0	52.0	-1.9
Sept.	5	0.3	10.1	1.6	3	0.2	0.0	0.0	2117.4	50.5	-1.5
Oct.	2	0.1	7.1	1.1	0	0.0	0.0	0.0	2117.0	49.5	-1.0
Nov.	3	0.2	3.3	0.5	0	0.0	0.0	0.0	2116.9	49.2	-0.3
Dec.	2	0.1	1.9	0.3	0	0.0	0.0	0.0	2116.9	49.0	-0.2
Total		5.9	82.9	14.1		2.0	0.0	0.0			-10.2
Most Probable Inflow Conditions											
Jan.	5	0.3	1.4	0.2	0	0.0	0.0	0.0	2120.4	59.3	0.1
Feb.	5	0.3	1.6	0.3	0	0.0	0.0	0.0	2120.4	59.3	0.0
Mar.	11	0.7	2.7	0.5	0	0.0	0.0	0.0	2120.6	59.5	0.2
Apr.	18	1.1	7.0	1.3	0	0.0	0.0	0.0	2120.4	59.3	-0.2
May	26	1.6	8.3	1.5	2	0.1	0.0	0.0	2120.4	59.3	0.0
June	29	1.7	10.2	1.8	2	0.1	0.0	0.0	2120.4	59.1	-0.2
July	36	2.2	12.3	2.2	10	0.6	0.0	0.0	2120.2	58.5	-0.6
Aug.	24	1.5	10.5	1.9	6	0.4	0.0	0.0	2120.0	57.7	-0.8
Sept.	10	0.6	9.1	1.6	2	0.1	0.0	0.0	2119.6	56.6	-1.1
Oct.	3	0.2	6.4	1.1	0	0.0	0.0	0.0	2119.3	55.7	-0.9
Nov.	5	0.3	3.0	0.5	0	0.0	0.0	0.0	2119.2	55.5	-0.2
Dec.	3	0.2	1.7	0.3	0	0.0	0.0	0.0	2119.2	55.4	-0.1
Total		10.7	74.2	13.2		1.3	0.0	0.0			-3.8
Reasonable Maximum Inflow Conditions											
Jan.	11	0.7	1.3	0.2	0	0.0	0.0	0.0	2120.6	59.7	0.5
Feb.	16	0.9	1.4	0.3	0	0.0	0.0	0.0	2120.8	60.3	0.6
Mar.	28	1.7	2.5	0.5	0	0.0	0.0	0.0	2121.2	61.5	1.2
Apr.	45	2.7	6.2	1.1	0	0.0	0.0	0.0	2121.7	63.1	1.6
May	67	4.1	7.4	1.4	3	0.2	0.0	0.0	2122.4	65.6	2.5
June	70	4.2	9.1	1.7	3	0.2	0.0	0.0	2123.1	67.9	2.3
July	91	5.6	11.0	2.1	3	0.2	0.0	0.0	2124.1	71.2	3.3
Aug.	63	3.9	9.4	1.9	0	0.0	0.0	0.0	2124.7	73.2	2.0
Sept.	25	1.5	8.1	1.7	0	0.0	0.0	0.0	2124.6	73.0	-0.2
Oct.	10	0.6	5.7	1.2	0	0.0	0.0	0.0	2124.4	72.4	-0.6
Nov.	15	0.9	2.7	0.5	0	0.0	0.0	0.0	2124.5	72.8	0.4
Dec.	10	0.6	1.5	0.3	0	0.0	0.0	0.0	2124.6	73.1	0.3
Total		27.4	66.3	12.9		0.6	0.0	0.0			13.9

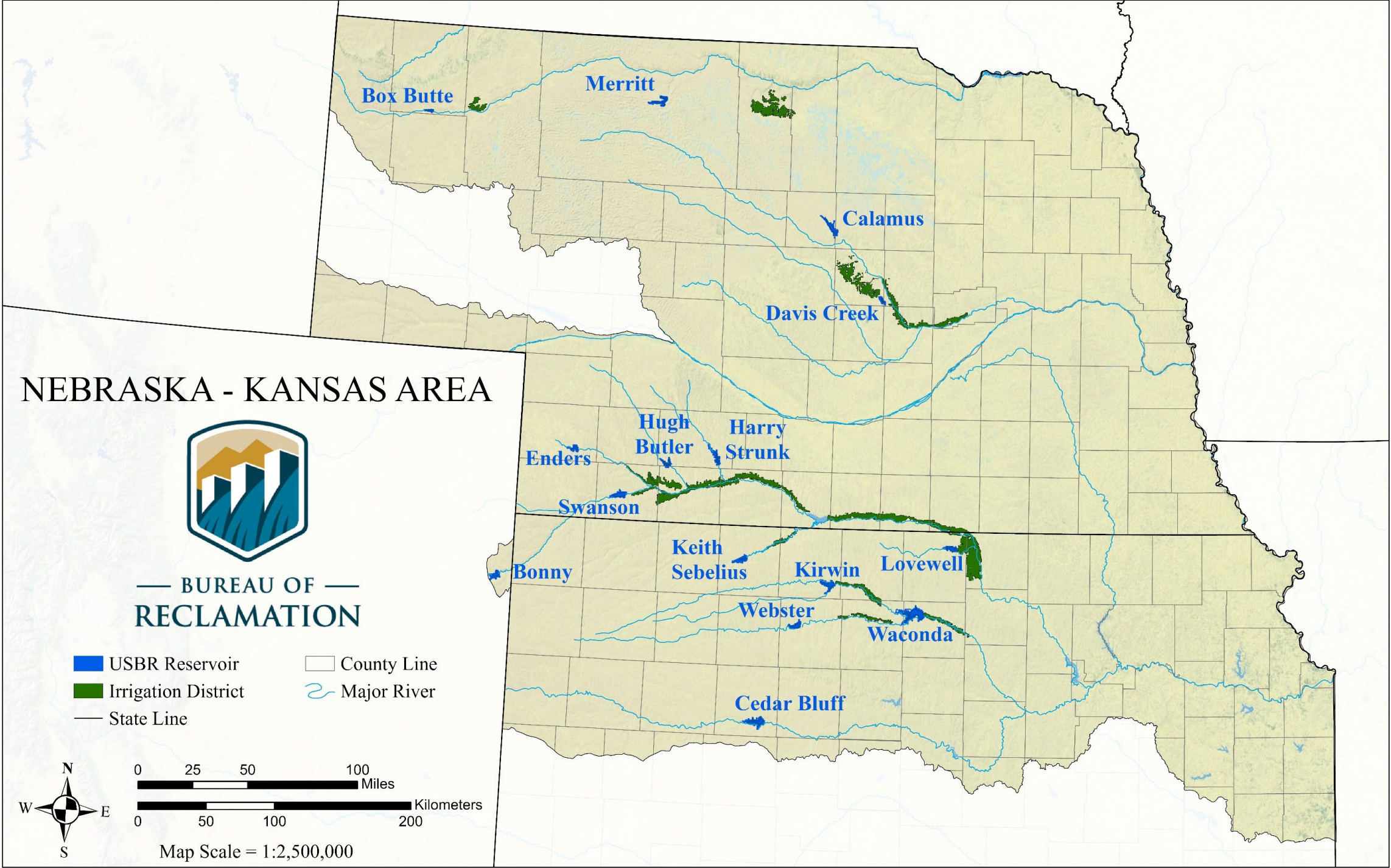


Figure A-1.—Map showing Nebraska-Kansas Area Office service area along with state lines, major rivers, reservoir locations, irrigation districts, and county boundaries.