RECL Managing Water in the West

Great Plains Region 2016



U.S. Department of the Interior Bureau of Reclamation Great Plains Region



JANUARY 2016

About the image: Canyon Ferry Dam, Montana, in winter. Photo by Taryn Preston.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|--|---------|--|---|--|----------|
| December S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | February S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 | | | | 1905 - Reclamation begins collecting weather data at Buffalo Bill Dam (WY) New Year's Day | 2 |
| 3 | 1921 - Shoshone Power Plant (WY) excavation begins | 5 | 6 | 7 | 8 | 9 |
| 1951 - First fill of Horsetooth Reservoir (CO) | 1909 - Boundary Waters Treaty with Canada signed | 12 | 13 | 14 | 1910 - Shoshone Dam (WY) last con- crete placed | 16 |
| 17 | Birthday of Martin Luther King Jr. | 19 | 1944 - Intake Project (MT) authorized | 21 | 22 | 23 |
| 24 | 25 | 26 | 1955 - Lovewell Dam (KS) starts construction | 1955 - Norton Dam (KS) first diversion of water | 29 | 30 |
| 31 | | | | | | |



February 2016

About the image: A cold morning below Pueblo Dam, Colorado. Reclamation photo.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|---|---------|--|--|--|---|
| | 1966 - Norman Project (OK) delivers first water to City of Norman | 2 | 1944 - Treaty signed with Mexico for Rio Grande, Colorado and Tijuana Rivers | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 1963 - Twin Buttes Dam (TX) completed 13 |
| 14 | Washington's Birthday | 16 | 17 | 18 | 1937 - Construction begins on Marshall Ford Dam (TX) | 20 |
| 1911 - Warren Act allows sale of surplus water to non-project irrigators | 22 | 23 | 24 | 1956 - Washita Basin Project (OK) authorized | 1906 - Sun River Project (MT) authorized | 27 |
| 28 | 29 | | | | January S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | March S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 |



March 2016

About the image: Installing stop logs on Buffalo Bill Dam, Wyoming, Spillway Gate 2. Photo by Mark Skoric.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|--|---|---|----------|--|----------|
| February S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 | April S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | 1906 - Belle Fourche Dam (SD) construction begins | 2 | 3 | 4 | 5 |
| 6 | 7 (NE) construction begins | 8 | 9 | 10 | 11 | 12 |
| daylight saving time begins | 1903 - First five Reclamation projects authorized including Milk River (MT) and North Platte (WY) | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 1908 - Corbett Diversion Dam (WY) completed | 24 | 1908 - Jamestown Dam (ND) contract awarded | 26 |
| 27 | 28 | 29 | 30 | 31 | | |



APRIL 2016

About the image: Snake Creek Pumping Plant, North Dakota, after completion of brick wall modification. Photo by James E. Thornburg.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|--|-----------|----------|---|--|
| March S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | May S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | | | | 1949 - Construction begins on Cedar Bluff Unit (KS) | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 1949 - Angostura (SD) 15 Power Plant closes | 16 |
| 17 | 1905 - Huntley Project (MT) authorized | 1949 - Construction begins on Shadehill Dam (SD) | 20 | 21 | 22 | 23 |
| 24 | 1974 - Construction begins on aquaduct system for Mountain Park Project (OK) | 1940 - Mirage Flats Project (NE) authorized | 27 | 28 | 29 | 1965 - Construction completed on pipelines for Norman Project (OK) |



May 2016

About the image: Gate valve at South Cunningham Diversion Dam on the West Slope Collection System of the Fryingpan-Arkansas Project, Colorado. Photo by David Hartman.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|---|--|---|---|--|---|
| 1944 - The Sloan Report includes a broader range of topics, including hydroelectric power, irrigation, wildlife and recreation | 1966 - O&M of Norman Project (OK) transferred to the Central Oklahoma Master Conservancy District | 3 | 1951 - Armel Unit (CO) of the Pick-Sloan Missouri Basin Program completed | 5 | 6 | 7 |
| 2008 - Federal funding for the Platte River Recovery Program authorized | 9 | 10 | 1966 - President Lyndon B. Johnson authorizes the Moun- tain Park Project (OK) | 1966 - Construction resumes on Altus Dam (OK) after being delayed by WWII | 13 | 1966 - First concrete placed in Merritt Dam (NE) |
| 15 | 16 | 17 | 1982 - Choke Canyon Dam (TX) considered substantially complete | 19 | 20 | 1907 - President Theodore Roosevelt declares Huntley Project (MT) lands open for settlement |
| 22 | 23 | 1869 - Major John Wesley Powell begins journey down the Colorado (WY) | 25 | 26 | 1950 - First water available from Savage Unit (MT) | 28 |
| 29 | 30 Memorial Day | 31 | | | April S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | June S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 |



JUNE 2016

About the image: Montana Conservation Corps members repair a fence to stop unauthorized off-road use at Canyon Ferry Reservoir. Photo by Taryn Preston.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|---------|--|---|---|----------|
| May S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | July S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | | 1904 - Belle Fourche (SD) Valley Water Users' Association forms | 2 | 3 | 4 |
| 1942 - President Roosevelt approves Rapid Valley Project's Deerfield Dam (SD) | 1914 - Secretary of the Interior authorizes construction of Lake Sherburne Dam (MT) | 7 | 1964 - On June 7 and 8, heavy rains send floodwater three feet over the top of Gibson Dam (MT) | 9 | 1952 - Dedication of Harlan County Dam (NE) | 11 |
| 1906 -Texas made a Reclamation state by Congress | 13 | 14 | 15 | 16 | United States Reclamation Service founded 1902 U.S.R.S. | 18 |
| 2012 - Dedication of Standing Rock Rural Water System treatment plant (SD) | 1964 - Groundbreaking for Arbuckle Dam (OK) | 21 | 1905 - Construction of Lower Yellowstone Project (MT) begins | 1954 - Canyon Ferry Unit (MT) completed 1947 - First water through Alva B. Adams Tunnel (CO) | 24 | 25 |
| 26 | 27 | 28 | 1972 - First water delivered from Fryingpan-Arkansas Project (CO) | 1962 - Ground breaking for Sanford Dam (TX) | | |



JULY 2016

About the image: The swim beach at Lake Minatare, Nebraska. Photo by Harrold Morrow.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|---------|--|--|--------|--|
| June S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | August S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | | | | 1 | 2 |
| 3 | 4 Independence Day | 5 | 1967 - First water impounded at Shadehill Dam (SD) | 7 | 8 | 9 |
| 1982 - Groundbreaking for the McGee Creek Project (OK) | 11 | 12 | 1927 - Guernsey 13 | 14 | 15 | 1923 - Willwood Diversion Dam (WY) completed with the addition of highway bridge |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 1946 - Crow Creek Pump Unit (MT) authorized | 25 | 26 | 27 | 1947 - First bucket of concrete placed at Angostura Dam (SD) | 29 | 30 |
| 31 | | | | | | |



August 2016

About the image: Great Plains Regional Drill Crew drilling lift lines from the crest of Yellowtail Dam, Montana. Photo by Cody Clark.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|---|--|-----------------------------------|--|---|--|
| | 1 | 2 | 3 | 4 | 1965 - Initial stage (to irrigate 250,000 acres) of Garrison Project (ND) authorized | 6 |
| 1962 - President Kennedy dedicates Oahe Dam (SD) | 8 | 1937 - First construction funds authorized for the Colorado-Big Thompson Project (CO) | 10 | 1946 - Mirage Flats Project (NE) completed | 12 | 13 |
| 1964 - Public Law 88-442 requires that units of Pick-Sloan not completed be reauthorized 2012 - Fort Peck/Dry Prairie Rural Water treatment plant dedicated (MT) | 1951 - Shadehill Dam (SD) com- pleted | 1957 - San Angelo Project (TX) authorized 1962 - Fryingpan- Arkansas Project authorized (CO) | 17 | 18 | 19 | 20 |
| 2012 - Lewis And Clark Rural Water System treatment plant dedicated (SD) | 1950 - Alcova Powerplant (WY) authorized 2012 - Rural water treatment plant dedicated for Oliver, Mercer, and North Dunn counties (ND) | 1986 - McGee Creek Project (OK) dedicated | 24 | 25 | 26 | 2006 - Mid-Dakota Rural Water System (SD) completed |
| 28 | 2005 - Hurricane Katrina makes landfall. Reclamation employees assist disaster relief efforts | 30 | 1965 - Sanford Dam (TX) completed | | July S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | September S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 |



September 2016

About the image: Cleaning sediment off of the Tiber Marina boat ramp in preparation for a Montana fishing event. Photo by Michael Hilliard.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|---|--|--|--|---|----------|
| August S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | October S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | | | 1 | 1975 - Construction work begins on Snake Creek Pumping Plant (ND) | 3 |
| 4 | 1947 - Three days of celebration culminates in Dedication Day for Altus Dam (OK) Labor Day | 6 | 7 | 1900 - The Galveston Hurricane hits, resulting in Texas becoming a Reclamation state in 1906 | 9 | 10 |
| 1946 - Construction begins in Angostura Dam (SD) | 12 | 1950 - First bucket of concrete placed at Canyon Ferry Dam (MT) | 14 | 15 | 16 | 17 |
| 18 | 19 | 1953 - Jamestown Dam (ND) completed 251 days ahead of schedule | 1968 - Mountain Park Project (OK) authorized | 22 | 23 | 24 |
| 1970 - Riverton Project (WY) reauthorized as a Pick-Sloan unit | 26 | 27 | 1976 - McGee Creek Project (OK) authorized | 29 | 30 | |



OCTOBER 2016

About the image: View of a historic picnic shelter below Altus Dam, Oklahoma. Photo by Jesse Rice.

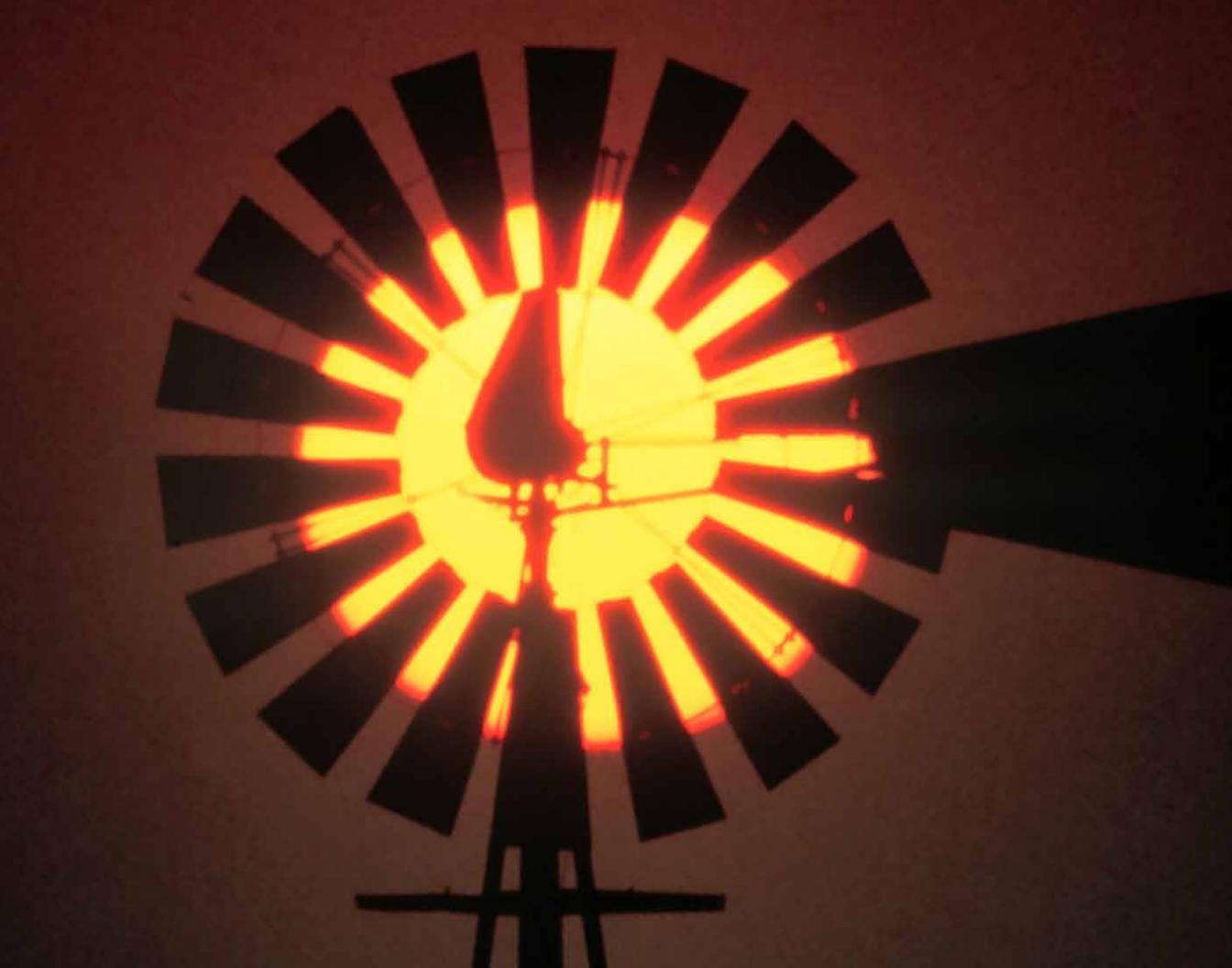
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|---|--------------------------------------|---|---|--------|--|
| September S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | November S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | | | | | 1979 - Mountain Park Project (OK) completed |
| 2 | 3 | 4 | 1964 - First storage in Norton Dam (KS) | 6 | 7 | 8 |
| 9 | 2012 - Emmons County (ND) Water Treatment Plant dedicated Columbus Day | 1964 - Merritt Dam (NE) dedicated | 1982 - Reclamation Reform Act of 1982 signed into law | 13 | 14 | 1966 - National Historic Preservation Act approved |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 1974 - Nueces River 27 Project (TX) authorized | 28 | 1977 - Mountain Park Project (OK) completed |
| 30 | 1968 - Yellowtail Dam (MT) dedicated | | | | | |



November 2016

About the image: A grassed waterway in Kansas prevents erosion on cultivated fields. U.S. Department of Agriculture photo by Jeff Vanuga.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|---------|-----------|--|---|--|
| October S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | December S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | 1 | 2 | 3 | 4 | 1952 - Boysen Dam and Power Plant (WY) completed |
| daylight saving time ends | 7 | 8 | 9 | 1945 - WWII Japanese internment camp on Shoshone Project (WY) closed | 11 Veterans Day | 12 |
| 13 | 1946 - Construction of Milk River Project (MT) completed | 15 | 16 | 17 | 1904 - Original Buford- Trenton Project (MT) authorized including a coal-fired power plant | 19 |
| 20 | 21 | 22 | 23 | 24 Thanksgiving Day | 25 | 1941 - Kortes (WY) power development found feasible by Secretary of the Interior |
| 27 | 28 | 29 | 30 | | | |



DECEMBER 2016

About the image: A Texas sunset near Houston. National Weather Service Collection photo.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---------|---|--|---|----------|
| November S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | January S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 1942 - Wartime blackout of Shoshone Power Plant (WY) - operators carry firearms for the rest of war | 1948 - Heart Mountain Power Plant (WY) begins service | 1949 - Heart Butte Unit (ND) completed | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 1944 - Flood Control Act becomes law, creating the Pick- Sloan Program | 23 | 24 |
| 25 | 26 Christmas Day Observed | 27 | 28 | 1950 - Canadian River Project (TX) authorized | 30 | 31 |

JANUARY 2017

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|------------------------------------|---------|-----------|----------|--------|----------|
| 1 | 2 New Year's Day | 3 | 4 | 5 | 6 | 7 |
| | observed | | | | | |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | Birthday of Martin Luther King Jr. | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

2016 Pay Period Calendar

JANUARY

PP# S M T W T F S 3 4 5 6 7 8 9 ² 10 11 12 13 14 15 16 17 18 19 20 21 22 23 ³ 24 25 26 27 28 29 30

APRIL

31

PP# S M T W T F S 8 3 4 5 6 7 8 9 10 11 12 13 14 15 16 9 17 18 19 20 21 22 23 24 25 26 27 28 29 30

JULY

PP# S M T W T F S 3 4 5 6 7 8 9 ¹⁵ 10 11 12 13 14 15 16 17 18 19 20 21 22 **23** ¹⁶ 24 25 26 27 28 29 30

OCTOBER

PP# S M T W T F S

²¹ 2 3 4 5 6 7 8 9 10 11 12 13 14 15 ²² 16 17 18 19 20 21 22 23 24 25 26 27 28 29 ²³ 30 31

FEBRUARY

PP# S M T W T F S 1 2 3 4 5 6 4 7 8 9 10 11 12 13 14 15 16 17 18 19 20 5 21 22 23 24 25 26 27 28 29

MAY

PP# S M T W T F S ¹⁰ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 11 15 16 17 18 19 20 21 22 23 24 25 26 27 28 ¹² 29 30 31

AUGUST

PP# S M T W T F S 1 2 3 4 5 6 ¹⁷ 7 8 9 10 11 12 13 14 15 16 17 18 19 20 18 21 22 23 24 25 26 27 28 29 30 31

NOVEMBER

PP# S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 ²⁴ 13 14 15 16 17 18 19 20 21 22 23 24 25 26 ²⁵ 27 28 29 30

MARCH

PP# S M T W T F S 1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 7 20 21 22 23 24 25 26 27 28 29 30 31

JUNE

PP# S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 ¹³ 12 13 14 15 16 17 18 19 20 21 22 23 24 25 ¹⁴ 26 27 28 29 30

SEPTEMBER

PP# S M T W T F S ¹⁹ 4 5 6 7 8 9 10 11 12 13 14 15 16 17 ²⁰ 18 19 20 21 22 23 24 25 26 27 28 29 30

DECEMBER

PP# S M T W T F S 4 5 6 7 8 9 10 ²⁶ 11 12 13 14 15 16 17 18 19 20 21 22 23 24 1 25 26 27 28 29 30 31





A historic wagon follows the Oregon Trail as it crosses Casper Alcova Irrigation District lands in Wyoming. Photo by Brad Cannon.



The Great Plains Calendar showcases photographs of the nine state region submitted by employees and highlights significant historic events. It is not intended to be an all-inclusive publication. To submit dates or images for consideration contact the Regional Public Affairs Office at (406) 247-7610.









Front cover:

An October view taken between Huntley Project and Pompeys Pillar in Montana. Photo by Ed Tucker.



Back cover: Shadehill Dam, South Dakota, reservoir and outlet. Photo by Stacy A. Froelich.

