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ALBUM WIND EROSION: DUST BOWL

Album Description

Invite students to discover weathering and erosion with the use of primary sources.

3 - 5 Social Studies/History DustBowl ElementaryEducation bestof

[DUST STORM, ELKHART, KAN.]



Reference Link: <http://www.loc.gov/item/2017768822/>

Created / Published: [1937 May]

Genre: Nitrate negatives

Notes: - Actual size of negative is D (approximately 3 1/4 x 4 1/4 inches).

- Annotation on original negative jacket.

- Caption and date from file print.

- There was no caption for this image in the FSA/OWI shelflist.

- Transfer; United States. Office of War Information. Overseas Picture Division. Washington Division; 1944.

- More information about the FSA/OWI Collection is available at <http://hdl.loc.gov/loc.pnp/pp.fsaowi>

- Temp. note: usf34batch2

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: fsa 8b31255 //hdl.loc.gov/loc.pnp/fsa.8b31255

DUST STORM. COLORADO



Teaching Notes:

The Dust Bowl covered the Plains and eventually the country with dust storms. 'Black Blizzards' as they were called were clouds of dust that reduced visibility turning day into night. Dust loomed in the sky for days, leaving residents with respiratory illnesses.

Observe the effects of erosion and construct an explanation based on evidence for how availability of natural resources changed the environment and influenced human activity. Encourage students to write their reasonings using justification from photographs displayed.

Reference Link: <http://www.loc.gov/item/2017759523/>

Contributor Names: Ward, J. H., photographer

Created / Published: 1936?

Subject Headings: - United States--Colorado

- Miscellaneous--Copy negatives

Genre: Nitrate negatives

Notes: - Actual size of negative is D (approximately 3 1/4 x 4 1/4 inches).

- Additional information on caption card: Do not reproduce without permission of J.H. Ward, Lamar, Co.

- Title and other information from caption card.

- Negative has no corresponding print in a lot.

- Transfer; United States. Office of War Information. Overseas Picture Division.

- More information about the FSA/OWI Collection is available at <http://hdl.loc.gov/loc.pnp/pp.fsaowi>

- Temp. note: usf34batch1

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

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<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: fsa 8b26996 //hdl.loc.gov/loc.pnp/fsa.8b26996



SAND PILED UP IN FRONT OF outhouse ON FARM. CIMARRON COUNTY, OKLAHOMA



Teaching Notes:

Observe the effects of erosion and construct an explanation based on evidence for how availability of natural resources changed the environment and influenced human activity. Encourage students to write their reasonings using justification from photographs displayed.

Reference Link: <http://www.loc.gov/item/2017760329/>

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https://sites.msudenver.edu/tpswesternregion/wp-content/uploads/sites/476/2021/11/tps_logo-1.png

Contributor Names: Rothstein, Arthur, 1915-1985, photographer

Created / Published: 1936 Apr.

Subject Headings: - United States--Oklahoma--Cimarron County

- Dust storms--Oklahoma

Genre: Nitrate negatives

Notes: - Title and other information from caption card.

- Transfer; United States. Office of War Information. Overseas Picture Division.

- More information about the FSA/OWI Collection is available at <http://hdl.loc.gov/loc.pnp/pp.fsaowi>

- Temp. note: usf34batch1

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: fsa 8b38341 //hdl.loc.gov/loc.pnp/fsa.8b38341

DUST STORM. BACA COUNTY, COLORADO



Teaching Notes:

During the 1930s, severe water shortages and harsh farming techniques sparked an environmental disaster turning soil into dust and leaving unmanaged farmlands susceptible to wind erosion.

Prompt students with the following questions:

- What do you notice?
- What you think is happening in the photograph?
- Location/Time period?
- What are examples of erosion in the image?

Reference Link: <http://www.loc.gov/item/2017759525/>

Contributor Names: Kernodle, D. L., photographer

Created / Published: 1936?

Subject Headings: - United States--Colorado--Baca County

- Miscellaneous--Copy negatives

Genre: Nitrate negatives

Notes: - Actual size of negative is D (approximately 3 1/4 x 4 1/4 inches).

- Additional information on caption card: Do not reproduce without permission of D.L. Kernodle.
- File print misnumbered LC-USF343-001615-ZE; corrected 1998.
- Title and other information from caption card.

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- Transfer; United States. Office of War Information. Overseas Picture Division.
- More information about the FSA/OWI Collection is available at <http://hdl.loc.gov/loc.pnp/pp.fsaowi>
- Temp. note: usf34batch1

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: fsa 8b26998 //hdl.loc.gov/loc.pnp/fsa.8b26998

DISCOVERED FARM MACHINERY HALF-BURIED IN DRIFTING DUST. WILLIAMS COUNTY, NORTH DAKOTA



Reference Link: <http://www.loc.gov/item/2017780455/>

Contributor Names: Lee, Russell, 1903-1986, photographer

Created / Published: 1937 Sept.

Subject Headings: - United States--North Dakota--Williams County

- Drought areas, buildings, crops, etc.--North Dakota

Genre: Safety film negatives

Notes: - Title and other information from caption card.

- Transfer; United States. Office of War Information. Overseas Picture Division. Washington Division; 1944.

- More information about the FSA/OWI Collection is available at <http://hdl.loc.gov/loc.pnp/pp.fsaowi>

- Temp. note: usf34batch3

- Film copy on SIS roll 21, frame 2152.

Repository: Library of Congress Prints & Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: fsa 8b19861 //hdl.loc.gov/loc.pnp/fsa.8b19861

FIGHTING THE DROUGHT AND DUST WITH IRRIGATION. CIMARRON COUNTY, OKLAHOMA



Reference Link: <http://www.loc.gov/item/2017760368/>

Contributor Names: Rothstein, Arthur, 1915-1985, photographer

Created / Published: 1936 Apr.

Subject Headings: - United States--Oklahoma--Cimarron County

- Dust storms--Oklahoma

Genre: Nitrate negatives

Notes: - Title and other information from caption card.

- Transfer; United States. Office of War Information. Overseas Picture Division. Washington Division; 1944.

- More information about the FSA/OWI Collection is available at <http://hdl.loc.gov/loc.pnp/pp.fsaowi>

- Temp. note: usf34batch1

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: fsa 8b27567 //hdl.loc.gov/loc.pnp/fsa.8b27567

FURROWING AGAINST THE WIND TO CHECK THE DRIFT OF SAND. DUST BOWL, NORTH OF DALHART, TEXAS



Teaching Notes:

Observe the effects of erosion and construct an explanation based on evidence for how availability of natural resources changed the environment and influenced human activity. Encourage students to write their reasonings using justification from photographs displayed.

Reference Link: <http://www.loc.gov/item/2017770617/>

Contributor Names: Lange, Dorothea, photographer

Created / Published: 1938 June.

Subject Headings: - United States--Texas--Dallam County--Dalhart

- Farms, buildings, operations--Texas

Genre: Nitrate negatives

Notes: - Actual size of negative is D (approximately 3 1/4 x 4 1/4 inches).

- Title and other information from caption card.

- Transfer; United States. Office of War Information. Overseas Picture Division. Washington Division; 1944.

- More information about the FSA/OWI Collection is available at <http://hdl.loc.gov/loc.pnp/pp.fsaowi>

- Temp. note: usf34batch2

- Film copy on SIS roll 27, frame 1589.

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: cph 3c30633 <http://hdl.loc.gov/loc.pnp/cph.3c30633>

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[fsa 8b32393](https://hdl.loc.gov/loc.pnp/fsa.8b32393) [/hdl.loc.gov/loc.pnp/fsa.8b32393](https://hdl.loc.gov/loc.pnp/fsa.8b32393)



BILLBOARD ADVERTISING FERTILIZER DUSTED OVER THE COTTON FIELDS BY AEROPLANES. MISSISSIPPI DELTA



Reference Link: <http://www.loc.gov/item/2017801648/>

Contributor Names: Wolcott, Marion Post, 1910-1990, photographer

Created / Published: 1939 Oct.

Subject Headings: - United States--Mississippi

Genre: Safety film negatives

Notes: - Title and other information from caption card.

- Transfer; United States. Office of War Information. Overseas Picture Division. Washington Division; 1944.

- More information about the FSA/OWI Collection is available at <http://hdl.loc.gov/loc.pnp/pp.fsaowi>

- Temp. note: usf34batch6

- Film copy on SIS roll 5, frame 2414.

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: fsa 8c10837 //hdl.loc.gov/loc.pnp/fsa.8c10837

8-2-1935 AR

New Dust Storms Threaten to Turn Land Into Desert
KANSAS CITY, March 26 (UP) —A severe dust storm blasted region conditions here today.

DUST DAMAGE SEVERE
FARMERS FIGHT TO STOP LOSSES BY DUST STORMS
RAIN IN TWO WEEKS, OR CROP IN DUST BOWL WILL BE TOTAL LOSS, FARM EXPERTS ASSERT
DUST STORMS RAGE FROM KANSAS WEST FAR AS CALIFORNIA
This storm swept across the Kansas-Missouri border today, threatening to turn the land into a desert.

BLACK GALE AGAIN HOWLS IN SOUTHWEST
Storm Brings Suffering to Hard-Stricken Section
and Beasts Forced Refuge in Buildings
Black Blizzard of New Mexico Sweeping East
Kansas, Oklahoma Panhandle and Northwest Tip of Texas Are Hit
Little three-year-old boy of two years turns today, after he had the dust storm of Sunday afternoon and a half mile south of two Butte homes.

FLYING THRU DUST BOWL WORSE THAN BUCKING BLIZZARDS, SAYS HERNDON, FAMOUS PILOT
THREE YEAR OLD BENSON BOY SURVIVES ALMOST 20 HOURS IN RAGING DUST STORM AND COLD
FARM WALKS INTO FARM EIGHT MILES FROM HIS HOME WHILE 500 SEARCHERS HUNT IN VAIN
Prairie Center TO PRAY FOR MOISTURE
Dust-Bowl Community Says Plea Was Answered Last Year, to Try Again
VICTIM OF DUST STORM RELEASED FROM HOSPITAL
Dust Storm Halts Colorado Traffic
Two airplanes were forced to land at an emergency field eight miles south of the municipal airport Tuesday afternoon when they were caught in a sudden dust storm that reduced the visibility at the airport to zero.
One of the ships was a Varney air transport plane on route to Pueblo from El Paso, on route to El Paso from El Paso.

Worst of Year in 'Nation's Bread Basket'
Church Services Halted; Second in Two Days Blackens Skies at Guymon, Okla.
Sun Blotted Out at Ponca City; Haze Spreads
Two planes were forced to land at an emergency field eight miles south of the municipal airport Tuesday afternoon when they were caught in a sudden dust storm that reduced the visibility at the airport to zero.
One of the ships was a Varney air transport plane on route to Pueblo from El Paso, on route to El Paso from El Paso.

Created / Published: [between 1935 and 1942]

- Miscellaneous--Copy negatives

Notes: - Title and other information from caption card.

- Transfer; United States. Office of War Information. Overseas Picture Division. Washington Division; 1944.

- More information about the FSA/OWI Collection is available at <http://hdl.loc.gov/loc.pnp/pp.fsaowi>

- Temp. note: usf34batch1

- Deterioration level 5, ca. 1992.

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

<http://hdl.loc.gov/loc.pnp/pp.print>

Digital Id: fsa 8e03296 //hdl.loc.gov/loc.pnp/fsa.8e03296

[WOODY GUTHRIE, HALF-LENGTH PORTRAIT, FACING SLIGHTLY LEFT, HOLDING GUITAR] / WORLD TELEGRAM PHOTO BY AL AUMULLER.



Teaching Notes:

Woodrow 'Woody' Wilson Guthrie- American singer/songwriter

Invite students to analyze the lyrics and listen to his songs about the Dust Bowl.

Reference Link: <http://www.loc.gov/item/95503348/>

Contributor Names: Aumuller, Al, photographer

Created / Published: 1943.

Subject Headings: - Guthrie, Woody,--1912-1967

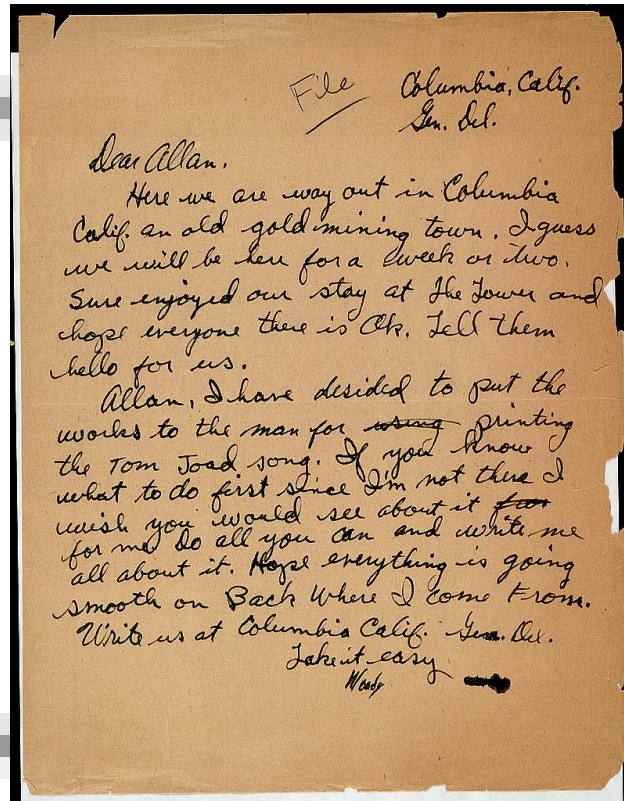
- Musicians--1940-1950

Notes: - NYWT&S staff photo.

- New York World-Telegram and the Sun Newspaper Photograph Collection.

Repository: Library of Congress Prints and Photographs Division Washington, D.C. 20540 USA

Digital Id: cph 3c13276 //hdl.loc.gov/loc.pnp/cph.3c13276

LETTER FROM WOODY GUTHRIE TO ALAN LOMAX, CA. JANUARY 1941

Reference Link: <http://www.loc.gov/item/afcwwgbib0000005/>

Contributor Names: Guthrie, Woody, 1912-1967 (Author)

Lomax, Alan, 1915-2002 (Addressee)

Created / Published: ca. January 1941

Subject Headings: - California--Columbia

- Correspondence--1940-1950
- Folk music--History and criticism
- Guthrie, Woody, 1912-1967
- Lomax, Alan, 1915-
- Downes, Olin, 1886-
- Musicians--Correspondence, reminiscences, etc
- Radio broadcasting--1940-1950
- Siegmeister, Elie, 1909-
- Correspondence
- Manuscripts

Genre: Correspondence

Manuscripts

Manuscripts

Correspondence

Notes: - Written from Columbia, California, an old gold mining town; has decided he wants to "put the words to the man for printing the Tom Joad song." (Downes and Siegmeister, A Treasury of American Song,

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published November 1940, not mentioned by name.)

- External display permitted by Guthrie family

Repository: American Folklife Center

Digital Id: <http://hdl.loc.gov/loc.afc/afcwwg.005>

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WOODY GUTHRIE MUSIC

Teaching Notes:

Hi Amara,

We do a cross-curricular Dust Bowl program with students who come to our museum and you are welcome to use any of our *add-ons*!

One thing we've found that really brings the images home for the kids is Woody Guthrie's song "Dust Bowl Blues" ("Talking Dust Bowl Blues" is another good one). You can play the audio, but even if we don't have it playing, the lyrics paint a picture of what people experienced. https://www.woodyguthrie.org/Lyrics/Dust_Bowl_Blues.htm We have the kids listen to the song and follow along with a lyric sheet (several will start singing or humming along). Then, using a blank map of the US, they have to shade in the Dust Bowl states mentioned in the song and the primary source photos. They then trace the route to California of the Okies.

The final piece of the activity are Dust Bowl erosion boxes. We made them from plastic shoe boxes and a toilet paper tube. There is a hole cut in one of the short box ends and the tube is hot melt glued into the hole, with about 1 inch inside the box and the remainder outside. The boxes have a 1/2 inch layer of sand in them. We use a Shop-Vac on reverse to blow air into the box to show what the Dust Bowl was like. Then we give the kids rocks, fake grass, fake trees, and sticks to come up with a CCC plan to stop the Dust Bowl. Once they've created a hypothesis and then built their erosion control, we come around with the Shop-Vac again and test their design. Little green army men make it more fun! They get 3 chances to stop the Dust before we stop and discuss what went right and what went wrong in their designs and for the CCC!

This is a neat little intro for the Dust Bowl film by Ken Burns. https://www.youtube.com/watch?v=MYOmjQO_UMw

And from the Discovery Channel's program on it: <https://www.youtube.com/watch?v=x2CiDaUYr90>

Great primary sources in both!

Happy Dust Bowling!

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Teaching Notes:

Love this army man experiment!