

Utah Abandoned Mine Reclamation Program 2010 Calendar



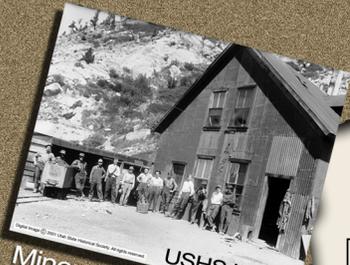
Utah's Mining Heritage



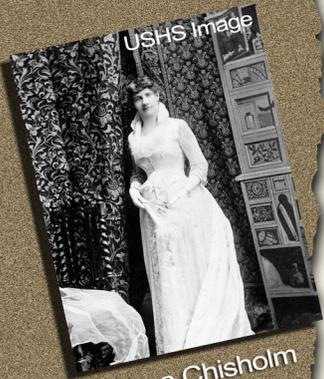
USHS Image

Alta Consolidated Mining Company, looking down Little Cottonwood Canyon from Grizzly Gulch, 1915. Salt Lake County.

JANUARY



USHS Image
Miners in front of a shaft
at Alta Consolidated
Mining Company.



USHS Image
Mary Emma Chisholm
Bennett at her wedding
to George Henry
Bennett in 1884. The
daughter of Robert
Bruce Chisholm,
co-discoverer of the
Emma Mine in
Alta, Utah.



SUN	MON	TUE	WED	THU	FRI	SAT
					1 New Year's Day	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16 1832: Robert C. Chambers
17	18 Martin Luther King Jr. Day	19	20 1854: Walter Fitch Sr.	21	22	23
24	25	26	27	28	29	30
31						



USHS Image

Beehive charcoal kilns at Frisco, near Milford. Note the standard and narrow gauge railroad track (Rio Grande Western). Beaver County.

FEBRUARY



The kilns today



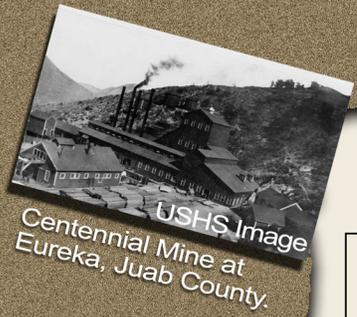
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2 Groundhog Day	3	4	5	6
7	8	9	10	11	12 1885: Horn Silver mine at Frisco collapses	13
14 Valentine's Day	15 Presidents' Day	16	17 1879: Horn Silver Mining Company incorporated	18	19	20
21	22	23	24	25	26	27
28	Frisco was one of the West's liveliest mining camps during the 1880's. The Horn Silver Mine yielded millions of dollars worth of silver, lead, copper, and zinc.					



USHS Image

World's Record Shaft Crew dug 427.5 feet in 31 days
in the Chief Consolidated Mine, Eureka.
July 15 to August 15, 1921. Juab County.

MARCH



USHS Image
Centennial Mine at Eureka, Juab County.



USHS Image
Centennial Eureka Mine shortly before the turn of the 20th century. Underground photo showing the start of the famous Oklahoma Stope.



SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
Daylight Saving Time Begins			1870: Patrick E. Connor St. Patrick's Day		1843: John Beck	Spring Begins
21	22	23	24	25	26	27
28	29	30	31	<p><i>"Walter Fitch, Jr., when interviewed regarding the wonderful record, paid high tribute to the spirit of cooperation among the men and they in return were thankful to their employer for his consideration of their welfare and for bonuses granted every man on the job."</i></p> <p>-Eureka Reporter, 1921</p>		



SUU Image

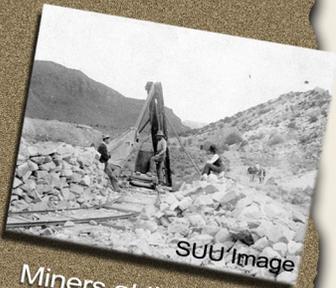
Barbee-Walker Mine and Mill at Silver Reef, near Leeds.
The mine entry is at the left and just above the
mill building. Washington County.

APRIL



USHS Image

The Wells Fargo building served as the office of the Western Gold & Uranium Company after the silver boom faded. It is now a museum and art gallery.



SUU Image

Miners at the Jumbo claim shaft at Silver Reef, 1898.



SUN	MON	TUE	WED	THU	FRI	SAT
				1 All Fool's Day	2	3
4 Easter	5	6	7	8	9	10
11 1862: Thomas Kearns	12	13	14	15	16	17
18	19	20	21 Administrative Professionals Day	22 Earth Day	23	24
25	26	27	28	29	30 Arbor Day	

"Up to last March the mine sent 1,000 tons of high grade ore to the Stormont mill, formerly the Rock Cliff, but on the 20th of that month the Barbee & Walker mill was completed and commenced operations, and has ever since been reducing ore from the mine, turning out a \$2,000 or \$2,500 brick every four days, the last bar, at the date of this writing, being No. 44."

Salt Lake Tribune, 1878.



USHS Image

Caskets outside the Winter Quarters store after the May 1, 1900 explosion at the Winter Quarters Mine near Scofield. Killing 200 men, it was the worst mining disaster at the time and remains the fifth worst in U.S. history. Carbon County.

MAY



Men carry bodies on stretchers after the mine blast. Horses are pulling mine cars back onto the track.



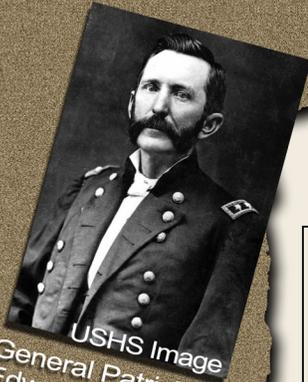
SUN	MON	TUE	WED	THU	FRI	SAT
					 Winter Quarters Store Today	1 1900: Winter Quarters explosion
2	3	4 National Teachers Day	5 Cinco De Mayo	6 1845: John Judge 1859: Susanna Bransford	7	8
9 Mother's Day	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31 Memorial Day			1847: David Keith		



USHS Image

Cars coming down from upper Bingham Canyon mines about 1892. Cars were pulled up by mules and coasted downhill. Salt Lake County.

JUNE



USHS Image
General Patrick Edward Connor, "The father of Utah's mining industry".



USHS Image
Highland Boy machine drill on level 7 of the Utah Consolidated Mine, Bingham.



SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
	Flag Day					Juneteenth
20	21	22	23	24	25	26
Father's Day	Summer Begins					
27	28	29	30			



USHS Image

Bullion Gold Mine District near Marysvale, 1915-1918, Piute County.

JULY



USHS Image
Ore Wagon, Alunite,
Utah, 1917.

"Bess, a bald-face sorrel mare, and Baldy, a bald-face brown horse are scarcely outdone in efficiency by any person at Utah Lead mine. These two alert, wise babies haul in and out the ore cars without line or rein... turn around carefully as a man could... go in stable at sound of tally whistle, and if they retain their present gait leaving may in time save the gang and repair to the boarding house for their meals."

-Piute County News,
1928



SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
Independence Day						
11	12	13	14	15	16	17
18	19	20	21	22	23	24
						Utah Pioneer Day
25	26	27	28	29	30	31



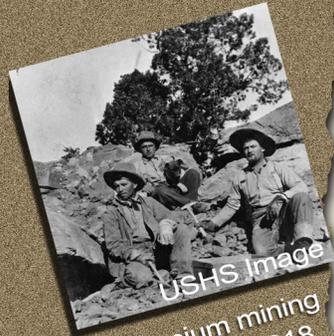
USHS Image

The post war era of uranium mining near Moab, 1956.
Efficient, mechanized mining soon replaced the manual
work. Grand County.

AUGUST



USHS Image
Early uranium miner,
Howard Balsely, used
to haul ore with a truck,
Moab District, 1917.



USHS Image
Early uranium mining
in Moab area, 1918



SUN	MON	TUE	WED	THU	FRI	SAT
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				

1869:
Daniel C. Jackling



USHS Image

West side of Ontario Mill, Park City.
Summit County.

SEPTEMBER



Ontario Tunnel mule train. Park City, Summit County.



Interior of Ontario Mine Park City, Summit County.



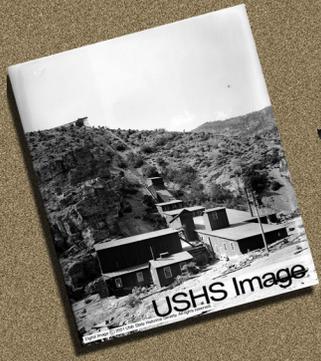
SUN	MON	TUE	WED	THU	FRI	SAT
		 <p>Susanna Bransford Emery Holmes Delitch Engalitcheff, known as the "Silver Queen".</p>	1	2	3	4
5	6 ^{1845:} Jesse Knight Labor Day	7	8	9	10	11 Patriot Day
12	13	14	15	16	17	18
19	20	21	22	23 Autumn Begins	24	25
26	27	28	29	30		



USHS Image

Miners outside the Ophir Mill.
Note the lunch pails on the ground.
Tooele County.

OCTOBER



"Evidences of the vast wealth concealed in the mountain ranges of this Territory, accumulate daily. In the Wasatch range on the east, and in the Oquirrh or West Mountain range, silver, copper and lead have been discovered."

-The Union Vedette, 1863



SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11 Columbus Day	12	13	14 1853: Samuel Newhouse	15	16 National Boss Day
17	18 1853: John J. Daly	19	20	21	22	23
24	25	26	27	28	29	30
31 Halloween						



USHS Image

Mantrip, probably at the Hiawatha
Coal Mine, Carbon County.

NOVEMBER



Hiawatha tipple, 1924

"A new town will be built near the Consolidated Fuel Company's mine which will be called Hiawatha. There will be a town of about 300 before the first of the year and this will likely be increased to 500 early in 1910. The company will have an output daily of between 2,000 and 3,000 tons. There are now fourteen men working in the mines besides scores on the railroad. Robert Howard is superintendent of the mine and expects to ship coal by the middle of November."

-Emery County Progress, 1909



SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7 Daylight Saving Time Ends	8	9	10	11 Veterans' Day	12	13
14	15	16	17	18	19	20
21	22	23	24	25 Thanksgiving	26	27
28	29	30				



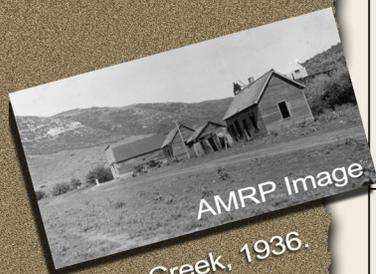
USGS Image

Union Fuel Company mine and town of Grass Creek, near Coalville, 1911. Summit County.

DECEMBER



AMRP Image
 Mine superintendent John Roberts stands by the locomotive, 1930.



AMRP Image
 Grass Creek, 1936.



SUN	MON	TUE	WED	THU	FRI	SAT
			1 Hanukkah Begins at Sundown	2 Hanukkah	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21 Winter Begins	22	23	24	25 Christmas
26 Kwanzaa Begins	27	28	29	30	31	

Watch for the birthdays of these notable figures in Utah mining history:

January 16, 1832

Robert C. Chambers

was a Park City miner who ran the Ontario mine in the 1870s.

January 20, 1854

Walter Fitch, Sr.

was a mining entrepreneur and the head of a prominent mining family in the Tintic district around Eureka. The Fitches owned the Chief Consolidated Mining Company.

March 17, 1820

Col. Patrick E. Connor

as commander of Fort Douglas, promoted prospecting by his troops in the mountains around Salt Lake City that led to early ore discoveries in the Oquirrh Mountains and Cottonwood Canyons. His later career was devoted to mining development.

March 18, 1843

John Beck

was a German immigrant who came to Utah in 1861. He discovered the Bullion Beck mine in Eureka.

April 11, 1862

Thomas Kearns

came to Park City in 1883 where he developed the Silver King Mine that made him a millionaire. He parlayed his wealth into politics and newspaper publishing, serving a term as a U.S. Senator and owning the *Salt Lake Tribune* and *Salt Lake Telegram*. His South Temple mansion is now the Utah Governor's Mansion.

May 6, 1845

John Judge

was an Irish immigrant who came to Utah in 1876 and worked in the Park City mines. There he became owner of the Silver King Mine along with Thomas Kearns and David Keith.

May 6, 1859

Susanna Bransford Emery Holmes Delitch Engalitcheff

popularly known as the Silver Queen, amassed millions from Park City silver when her first husband, Al Emery, a bookkeeper for the Daly Mining Co., bought into the Silver King Mine with Thomas Kearns and David Keith.

May 27, 1847

David Keith

arrived in Park City in 1883 after previous mining work in Nova Scotia and Virginia City, Nevada. He was foreman of the Ontario mine for a number of years. In 1892 he partnered with Thomas Kearns to found the Silver King mine.

August 14, 1869

Daniel C. Jackling

was a mining and metallurgical engineer who pioneered techniques for open pit mining of low-grade copper ores at Bingham Canyon that became the industry standard. He founded the Utah Copper Company in 1903 and became known as the "father of Utah copper mining."

September 6, 1845

Jesse Knight

was one of the few Mormon mining magnates. He first struck it rich with the Humbug mine discovery in Eureka in 1886. He owned mining ventures statewide. He is noted for his more benevolent treatment of labor and providing modern amenities in his company towns.

October 7, 1879

Joe Hill

also known as Joseph Hillstrom and Joel Hagglund, was a Swedish immigrant and itinerant laborer. He became a labor activist for the Industrial Workers of the World and gained fame for his songwriting. He worked in the Park City mines in 1913. In 1914 he was accused of the murder of a Salt Lake merchant, a charge his defenders claim was trumped up. His execution the following year made him a martyr for the labor movement.

October 14, 1853

Samuel Newhouse

was a mining magnate who moved to Utah in 1896 after several successful mining ventures in Colorado. He helped develop the gold and copper mines in the Bingham district and copper mines at Frisco. He was instrumental in creating a "second downtown" in Salt Lake City around 400 South and Main Street, building the city's first skyscrapers (the Boston and Newhouse buildings), the Newhouse Hotel, and the Exchange Place financial district.

October 18, 1853

John J. Daly

a prominent figure in Park City mining, founded the Daly Mining Co. in 1885 and later the Daly West and Daly-Judge mines (with John Judge).

For more about Utah's mining history go to:

Utah Mining Heritage Alliance
http://history.utah.gov/mining_heritage_alliance/

Utah History to Go
<http://historytogo.utah.gov/>

Utah History Encyclopedia
<http://www.media.utah.edu/UHE/>

Utah Mining Disasters

(Incidents with five or more fatalities)

<u>Date</u>	<u>Mine</u>	<u>Location</u>	<u>Number of Fatalities</u>	<u>Mine Type</u>	<u>Cause</u>
1900, May 1	Winter Quarters 1 & 4	Scotfield	200	Coal	Explosion
1902, July 15	Daly West	Park City	34	Lead/Zinc/Copper/Silver	Explosion
1914, January 21	Boston	Bingham	5	Copper	Fire
1914, September 17	Centennial-Eureka	Eureka	11	Gold	Cave-in
1924, March 8	No. 2	Castle Gate	172	Coal	Explosion
1924, September 21	Rains	Rains	5	Coal	Explosion
1930, February 6	Standard	Standardville	23	Coal	Explosion
1930, March 8	New Peerless	Lynn	5	Coal	Explosion
1945, March 14	Kenilworth	Kenilworth	7	Coal	Explosion
1945, May 9	No. 1	Sunnyside	23	Coal	Explosion
1950, July 16	Lark, U.S. Smelting	Lark	5	Lead/Zinc	Fire
1963, August 28	Texas Gulf Sulfur Co.	Moab	18	Potash	Explosion
1963, December 16	Carbon Fuel No. 2	Helper	9	Coal	Explosion
1984, December 19	Wilberg	Orangeville	27	Coal	Fire
2007, August 6	Crandall Canyon	Huntington	9	Coal	Cave-in

Source: The National Institute for Occupational Safety and Health
(<http://www.cdc.gov/niosh/mining/statistics/disall.htm>)

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Barbee Walker Mine and Mill at Silver Reef photographs (April main photo) and the Jumbo Claim (April lower inset) are labeled "SUU Image" and are used with the permission of Special Collections, Gerald R. Sherratt Library, Southern Utah University.

Grass Creek mine and townsite (December main photo) is labeled as "USGS Image" taken by Charles H. Wegemann U.S. Geological Survey (U.S.G.S.) and is used courtesy of the U.S.G.S. Photographic Library.

All remaining photographs are from the Utah Division of Oil, Gas and Mining, Abandoned Mine Reclamation Program. Photos of Grass Creek town (December insets) are courtesy of Helen Motzel, who donated the images to the Abandoned Mine Reclamation Program.

Citations:

Brief quotations from contemporary newspapers and other documents available online at Utah Digital Newspapers at the Marriott Library, University of Utah
(<http://digitalnewspapers.org/>).

Specific citations for the quoted material are:

March: Eureka

"Fitch's Crew Breaks World Record in Water Lily Shaft of Chief Consolidated Company"
Eureka Reporter. August 19, 1921, p. 1

April: Silver Reef

"Silver Reef." *The Salt Lake Tribune*, October 3, 1878, p. 3

October: Ophir (non-coal general)

"Mineral Resources of Utah." *The Union Vedette*, November 20, 1863, p. 3

July: Marysvale (Bess & Baldy)

"Utah Lead, Marysvale's Mining Savior." by William E. White, *Piute County News*. August 10, 1928, p. 1

November: Hiawatha (new town)

"More Coal than Anywhere Else in America." *Emery County Progress*, September 25, 1909, p. 1

We Need Your Help!

Utah Abandoned Mine Reclamation Program (AMRP) works to safeguard hazards associated with abandoned mines. For more information or to report a hazardous abandoned mine, call your local sheriff or:

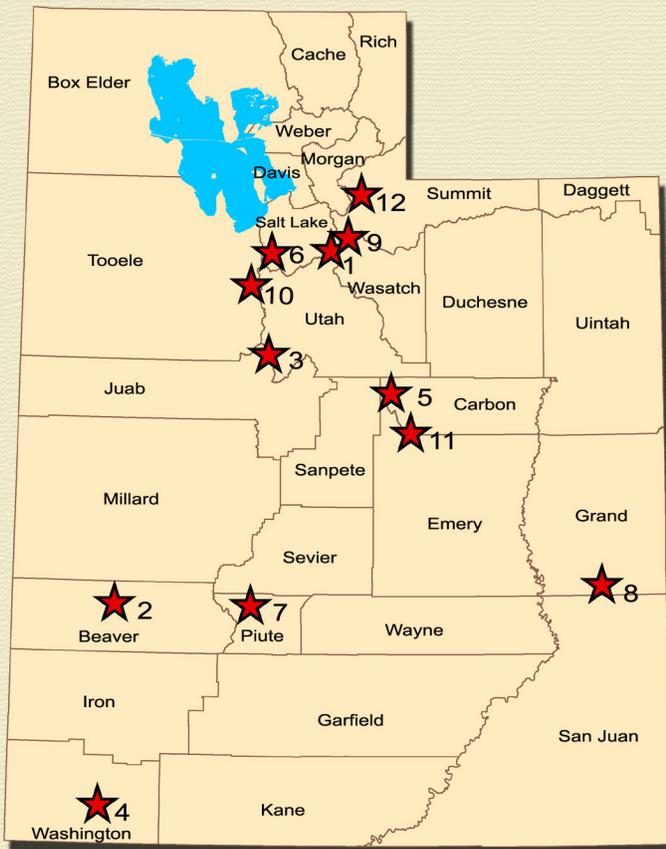


Division of Oil, Gas, and Mining
Abandoned Mine Reclamation Program
(801) 538-5340
www.ogm.utah.gov/amr



Utah Bureau of Land Management
(801) 539-4001
www.blm.gov

Abandoned Mines are Dangerous
STAY OUT and STAY ALIVE!



Location of mining areas featured by month.

What Can You Do?

- * NEVER ENTER abandoned Mines.
- * When in mining areas, obey all warning signs and safety barriers.
- * Do not vandalize abandoned mine closures.
- * Respect private property and obey No Trespassing signs.
- * Warn others of abandoned mine dangers.
- * Report abandoned mines.



1 - Alta



2 - Frisco



3 - Eureka



4 - Silver Reef



5 - Winter Quarters



6 - Bingham



7 - Marysvale



8 - Moab



9 - Park City



10 - Ophir



11 - Hiawatha



12 - Grass Creek