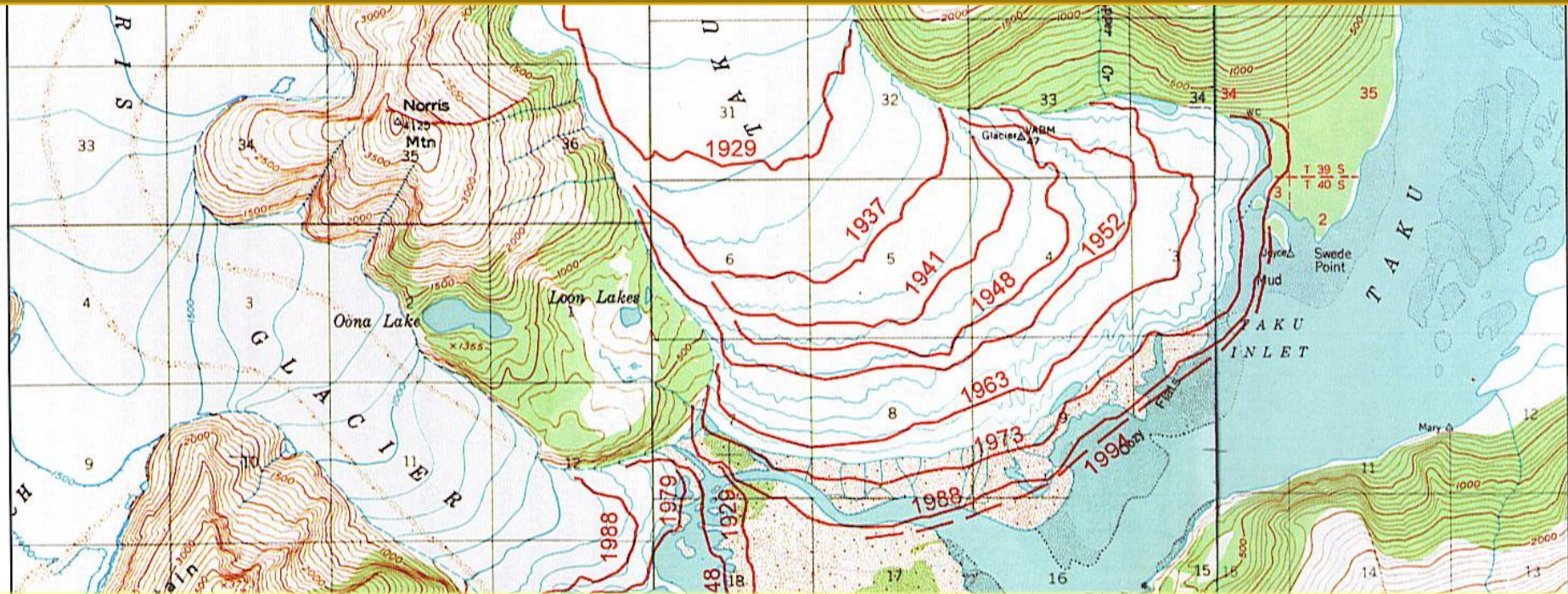


Climate Short Human-Caused, CO2-fueled “Global Warming” “Settled Science,” and other myths



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Weather, Climate and Climate Change—What the Data Say

Purpose:

Show that several areas deemed “Settled Science” and “Consensus Science” have been disastrous failures for the US and the Western World.

**Start with notion of Human-Caused CO₂-Fueled Global Warming
World of Physical Sciences....**

I then examine some biological and medical sciences

The landscape seems littered with poor science which has harmed our citizenry.

Are there lessons to be learned?

Is the Science Settled?

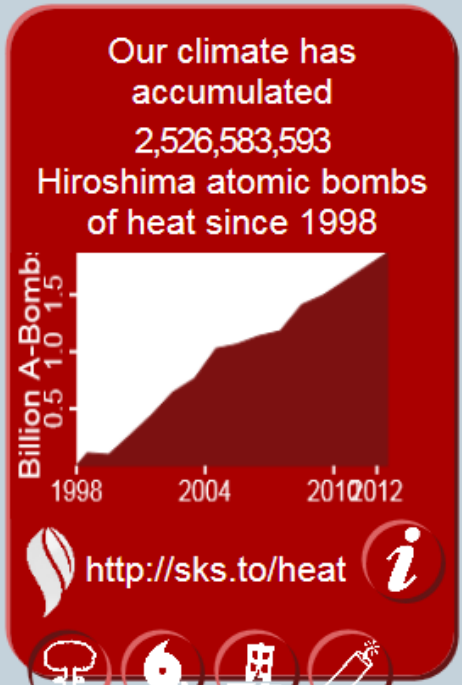
“The science says... That human CO2 is causing global warming is known with high certainty & confirmed by observations.”

Some aspects of the science of AGW are known with near 100% certainty.

The greenhouse effect itself is as established a phenomenon as any: it was discovered in the 1820s and the basic physics was essentially understood by the 1950s.

There is no reasonable doubt that [the global climate is warming](#).

And there is also [a clear trail of evidence](#) leading to the conclusion that it's caused by our greenhouse gas emissions



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OPINION LETTERS

Is man's role in climate change "settled science"? (4 letters)

...I visited the Mendenhall Glacier in Juneau and saw the results of climate change myself. At the visitor's center, the most common question asked is why it was built so far away from the glacier.

When the center was opened in 1962, the glacier was a half-mile away. It's predicted that by the end of the century, you will not be able to view the glacier from the visitor center.

The glacier is retreating faster due to climate change, and that's a fact.

Christine Betts, *Denver*



Mendenhall Glacier
Visitor Center

7
Juneau
International
Airport

Mendenhall
Wetlands State
Game Refuge

Taku Glacier, Taku Inlet are close to Juneau and Mendenhall Glacier



Mendenhall Glacier

Taku Glacier



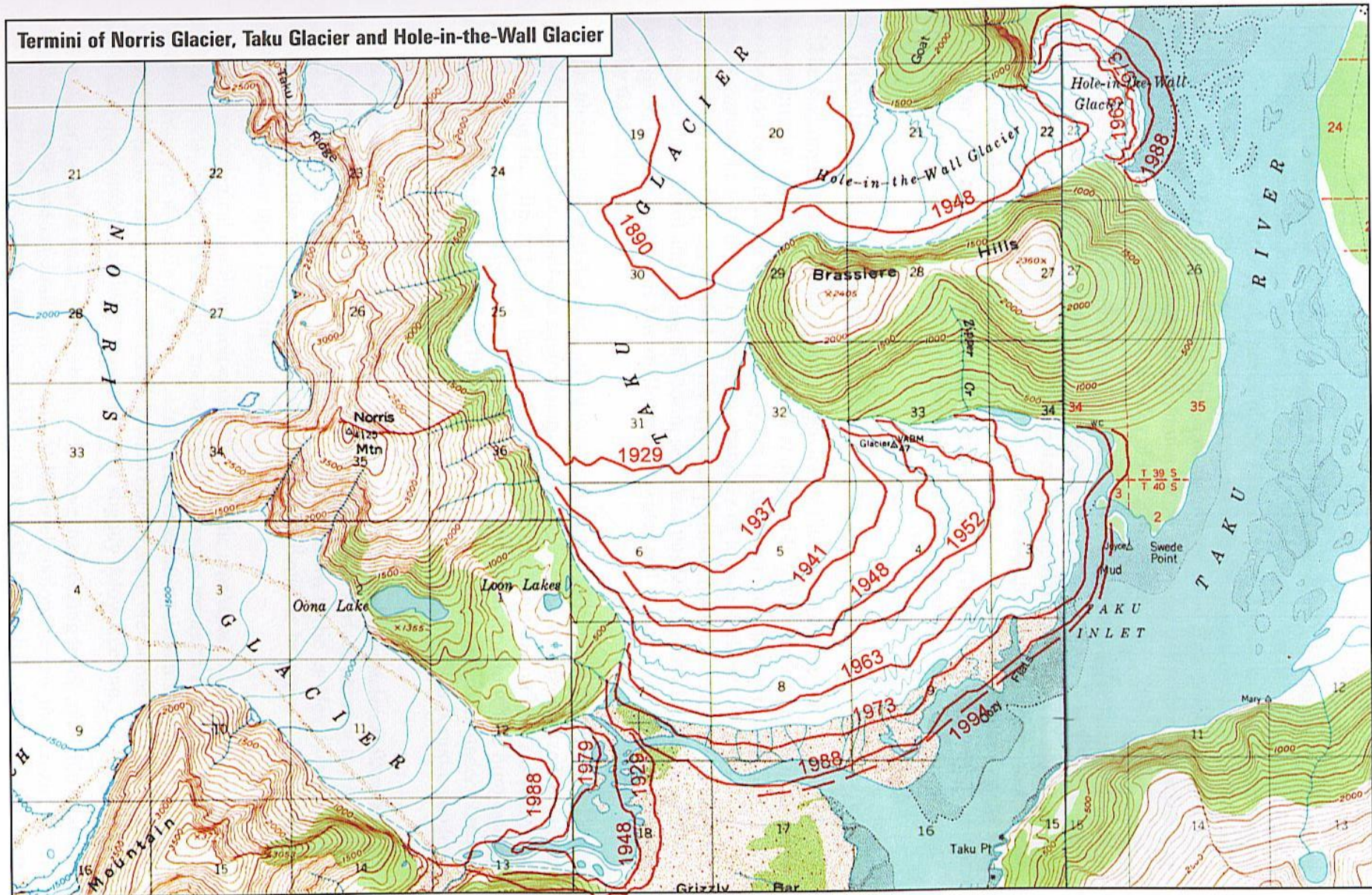
Taku Glacier, advancing into Taku Inlet in Alaska since before 1890.



Hole-in-the-Wall-Glacier: advancing into Alaska's Taku River since 1948.



**Near Juneau, Alaska, Norris Glacier is in retreat since 1928
Taku Glacier has been advancing since 1890
Hole-In-the-Wall Glacier advancing since 1948. Map from USGS.**



Taku Glacier, Taku Inlet are close to Juneau and Mendenhall Glacier

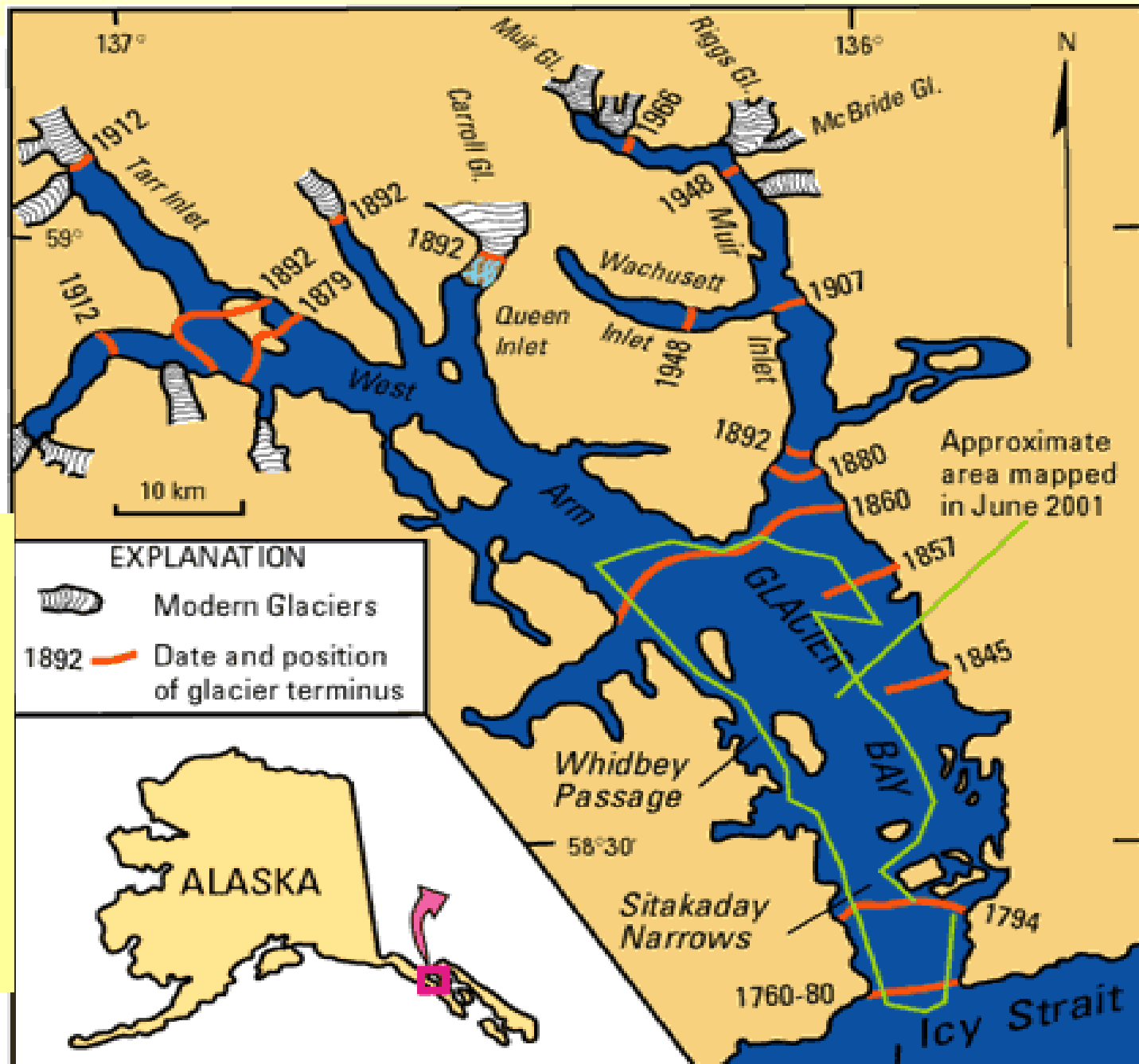


Juneau is also close to Glacier Bay National Park, as this satellite map shows.



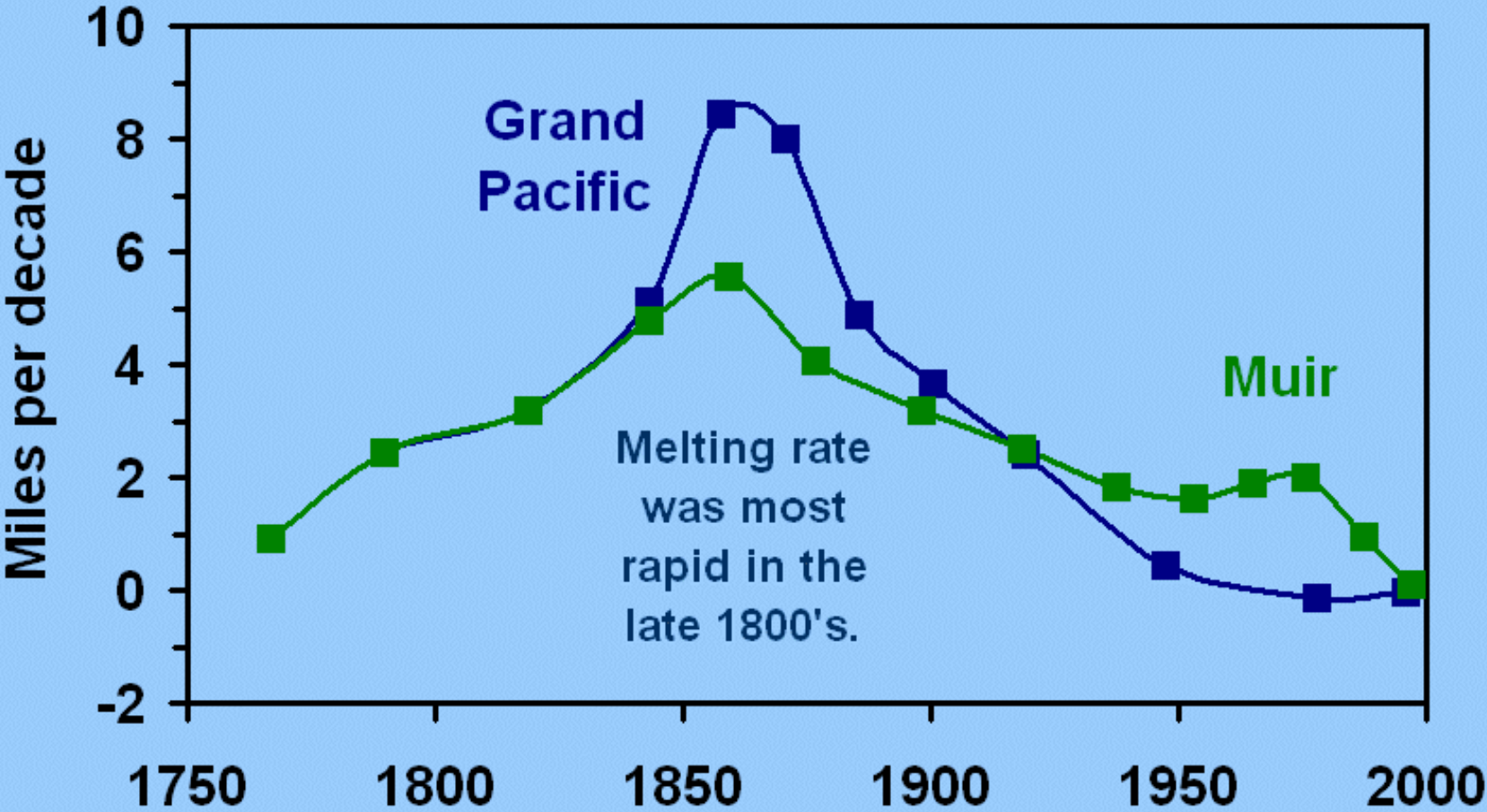
US Geological Survey map of Glacier Bay showing how glacial melt occurred over time

Glacier Bay melt map shows glaciers have been melting back from Glacier Bay since 1760-1780, i.e., since before Washington was President.



Maximum retreat of Glacier Bay's Glaciers was in the 1860s, well before modern increase in CO2.

Retreat of Glacier Bay's Glaciers: melting rate, miles per decade



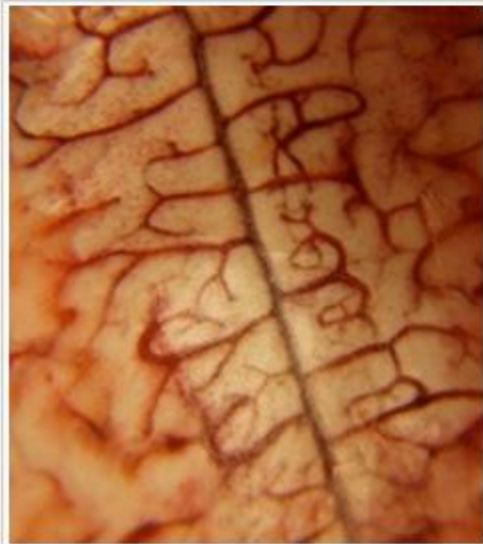


The Surprising History of the Lobotomy

By Margarita Tartakovsky, M.S.

Associate Editor

~ 3 min read



Today, the word “lobotomy” is rarely mentioned. If it is, it’s usually the butt of a joke.

But in the 20th century, a lobotomy became a legitimate alternative treatment for serious mental illness, such as [schizophrenia](#) and severe [depression](#). Physicians even used it to treat chronic or severe pain and backaches. (As you’ll learn below, in some cases, there was no compelling reason for the surgery at all.) There’s a surprising history of the lobotomy for its use in mental health.

The Beginning

1935, Portuguese neurologist Antonio Egas Moniz: brain operation called “leucotomy”
Lisbon hospital.

First-ever modern leucotomy to treat mental illness, drilled holes in patient’s skull to access the brain.

For this work, Moniz received the Nobel Prize in medicine in 1949.

Lobotomy in America

In 1936, psychiatrist Walter Freeman, another neurosurgeon performed the first U.S. prefrontal lobotomy on a Kansas housewife. (Freeman renamed it “lobotomy.”)

Freeman believed overload of emotions led to mental illness and “cutting certain nerves in the brain could eliminate excess emotion , stabilize personality,” according to [a National Public Radio article](#).

“more efficient way to perform the procedure” without drilling into patient’s head, like Moniz .

“10-minute transorbital lobotomy” (“ice-pick” lobotomy),
First performed at his Washington, D.C. office on January 17, 1946.

Early 20th Century

ULCERS: believed to be caused by stress and dietary factors.

Treatment focuses on hospitalization, bed rest, and prescription of special bland foods.

Later, gastric acid is blamed for ulcer disease.

Antacids and medications that block acid production become the standard of therapy.

Despite this treatment, there is a high recurrence of ulcers.

1982

Australian physicians Robin Warren and Barry Marshall first identify the link between ***Helicobacter pylori* (H. pylori)** and ulcers, concluding that the bacterium, not stress or diet, causes ulcers.

Medical community: slow to accept their findings.

****FIFTEEN YEARS (!) LATER: 1997**

Centers for Disease Control and Prevention (CDC), other government agencies, academic institutions, and industry: national education campaign to inform health care providers and consumers about link between *H. pylori* and ulcers. campaign reinforces news: ulcers are a curable infection, health greatly improved, money saved disseminating information about ***Helicobacter pylori* (H. pylori)**

****Added by presenter**

The Early Promise of Estrogen

In 1966, Robert A. Wilson, M.D.'s book, *Feminine Forever*, informed women that "menopause is completely preventable" and advised them to take estrogen. The promise of remaining "feminine forever" was met with enthusiasm, and synthetic estrogen became the standard therapy for women undergoing "the change."

Synthetic Hormones Hit the Scene

Prempro was born: Combined synthetic progesterone (progestin) with Premarin, a drug composed of three estrogens (estrone, equilin, and equilenin) derived from horse urine.

Horse estrogens : natural but not bioidentical to those in humans

Drugs relieved menopausal symptoms, millions of women, long-term effects unknown.

2002: Results of the Women's Health Initiative (WHI) released.

Risk of dying from breast cancer almost doubled among Prempro users in comparison with placebo.

Those taking estrogen plus progestin: breast cancer death rate almost doubled.

25 percent increase in risk of invasive breast cancer in non-bioidentical HRT users.

Outcome of the McGovern Report

<http://digitalcommons.uconn.edu/cgi/viewcontent.cgi?article=1482&context=srhonorstheses>

In 1977, the first edition of *The Dietary Goals for the United States* was published in attempts to reduce incidence of diet-related diseases such as cardiovascular disease and diabetes.

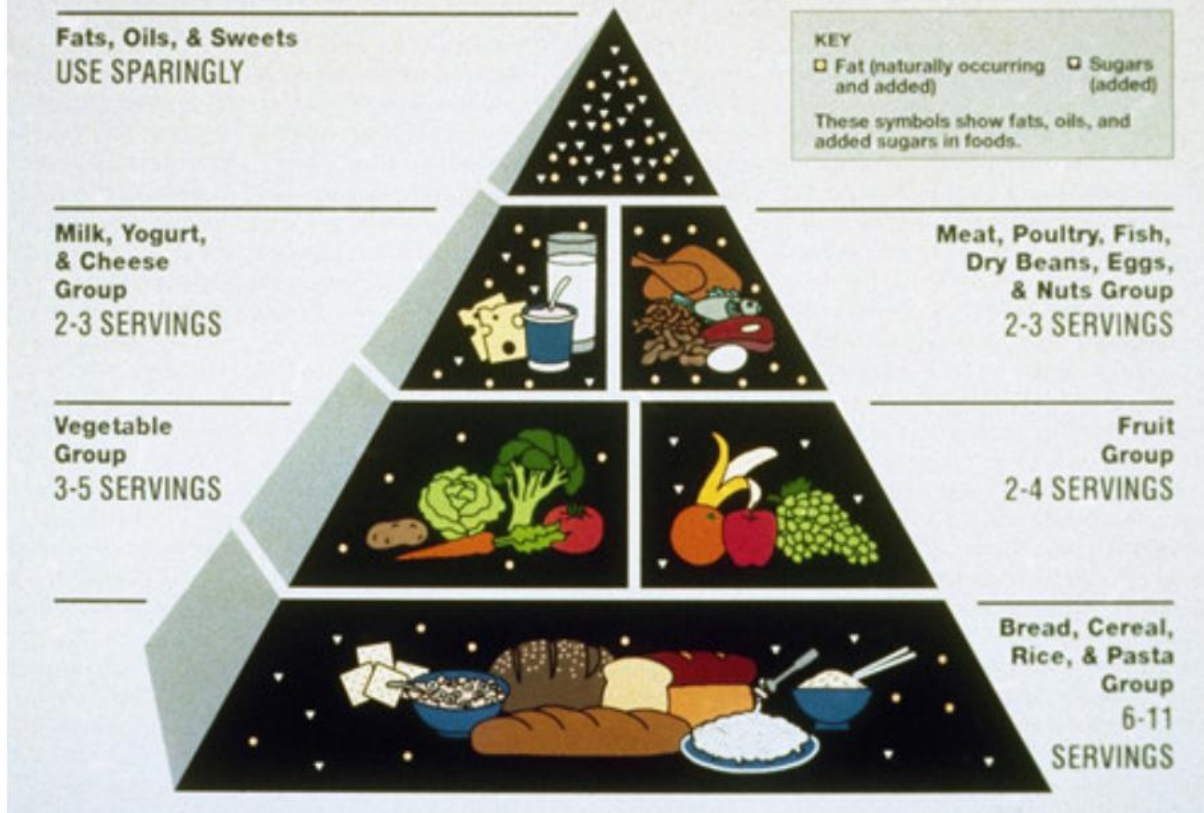
While numerous dietary adjustments were recommended in order to improve health, **fat was identified as the most instrumental factor.**

While they were well-intended, the US low-fat guidelines made in 1977 caused an overhaul of both the food industry and the average American's perception of a healthy diet, eventually contributing to an overall decline in health, specifically an **increased national obesity rate and incidence of related diseases**, rather than the anticipated opposite result.

emphasis added

Food Guide Pyramid

A Guide to Daily Food Choices



It's obvious now that the Consensus Science of the 1960s to at least the 1990s was incredibly wrong. Who got it wrong? My estimate:
Government: Congress (the McGovern Report), US Department of Agriculture, National Institutes of Health
Academia, Medical Schools, the Professional societies, Nutritionists, Physicians, Main Stream Media, in short, all biological and medical science

Low-fat diet advice was based on undercooked science

Damning report: 1977 Dietary Goals for the United States should never have been introduced

An international team of health scientists has completed a systematic study of the evidence available back in the 1970s and '80s and concluded **that a relationship of causation between fat consumption and coronary heart disease was never established.**

"Government dietary fat recommendations were untested in any trial prior to being introduced," writes Zoe Harcombe , the West of Scotland University, lead author of the study.

"It seems incomprehensible that dietary advice was introduced for 220 million Americans and 56 million UK citizens, given the contrary results from a small number of unhealthy men," comments Harcombe.

emphasis added

Lessons Learned?

Demonstrated “Settled Science” and “Consensus Science” have led to direct harm to US, western world citizens

For 35 years in 20th century, lobotomies were a more or less accepted method of treatment, even for a normal 12-year old boy.

Medical community continued bland food, antacids, to treat ulcers even in light of discovery that it was a helicobacter pylori infection

Hormone Replacement Therapy... far from the “fountain of youth”

Low-fat diets caused an epidemic of Type 2 diabetes and obesity

All these... because scientists didn’t critically examine the data

**This class shows that far from being “settled science,”
Catastrophic Anthropogenic Global Warming, CAGW, has all the hallmarks of another Failed “Science.”**