

REDOUBT LAKE WEIR . SITKA TRIBE OF ALASKA

"The system
is not broken.
That's the problem."

Jeff Feldpausch, Sitka Tribe of
Alaska, to KCAW, August 5th,
2026

SHOT 01 / 09 . FOV 58 . KEY 6 TO 1 . DOLLY 0.00 M

56°51'N 135°10'W

THE INSTRUMENT

One camera. One chute. One fish at a time.

KCAW describes a white polyethylene plastic chute with a video camera on the side. A float in the lagoon carries battery packs, solar panels and a Starlink system. The data reaches the Tribe's office in Sitka immediately.

SALMON VISION . A COLLABORATIVE EFFORT
OF FOUR ORGANISATIONS (C17)

UPLINK TO SITKA (C28)

SHOT 02 / 09 . FOV 68 . KEY 5 TO 1 . DOLLY 2.22 M

56°51'N 135°10'W

WHAT THE COUNT DECIDES

This number sets
a household's
legal limit.

Alaska Department of Fish
and Game raised the
Redoubt annual
subsistence limit to 100
sockeye per household,
effective 12:01 a.m. on July
1st, 2026. Feldpausch told
KCAW the limit was 50
before.

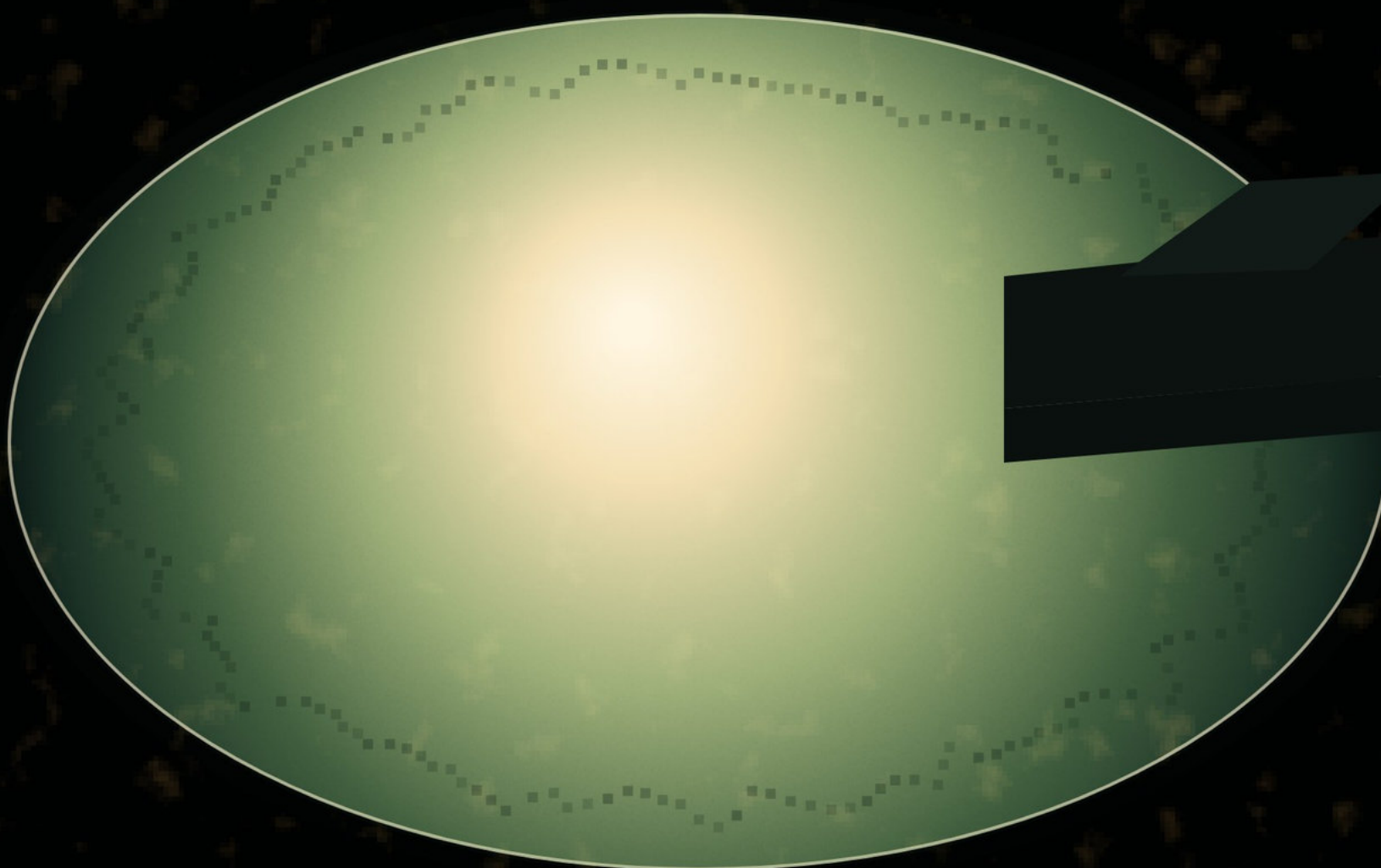
ANNUAL LIMIT (C6)

ABOUT 35 PERCENT
OF ALL SUBSISTENCE
SCKEYE HARVEST IN
SOUTHEAST ALASKA
HAPPENS HERE, ON
UNPUBLISHED FOREST
SERVICE AND FISH
AND GAME DATA
(C33)

50 BEFORE . 100 NOW (C24)

SHOT 03 / 09 . FOV 44 . KEY 7 TO 1 . DOLLY 3.53 M

56°51'N 135°10'W



THE SURFACE

The power and the uplink float on top.

SOLAR . BATTERY . STARLINK (C27)

SHOT 04 / 09 . FOV 72 . KEY 4 TO 1 DIFFUSE . DOLLY 6.57 M

56°51'N 135°10'W

THE MONEY THAT EXISTS

\$200,000
paid to install
it. Once.

A fiscal year 2024 Tribal Wildlife Grant from the U.S. Fish and Wildlife Service, titled "Artificial Intelligence for Subsistence Salmon Monitoring and Management". The Service describes the award as paying to install AI enabled video at Redoubt. That page describes installing the system. It describes nothing after that.

GOLD MARKS MONEY THAT EXISTS.

SHOT 05 / 09 . FOV 64 . KEY 8 TO 1 . DOLLY 7.62 M

56°51'N 135°10'W

THE MONEY THAT DOESN'T

Grant money lights damage.

"This system isn't damaged."

"There's lots of money out there to fix and
monitor broken systems"

"there's no funding for the weir right now"

Jeff Feldpausch, Sitka Tribe of Alaska, to KCAW, August 5th, 2026

SHOT 06 / 09 . FOV 64 . KEY 1 TO 1 . DOLLY 7.62 M . NO MOVE

56°51'N 135°10'W

THE MEASURED RECORD

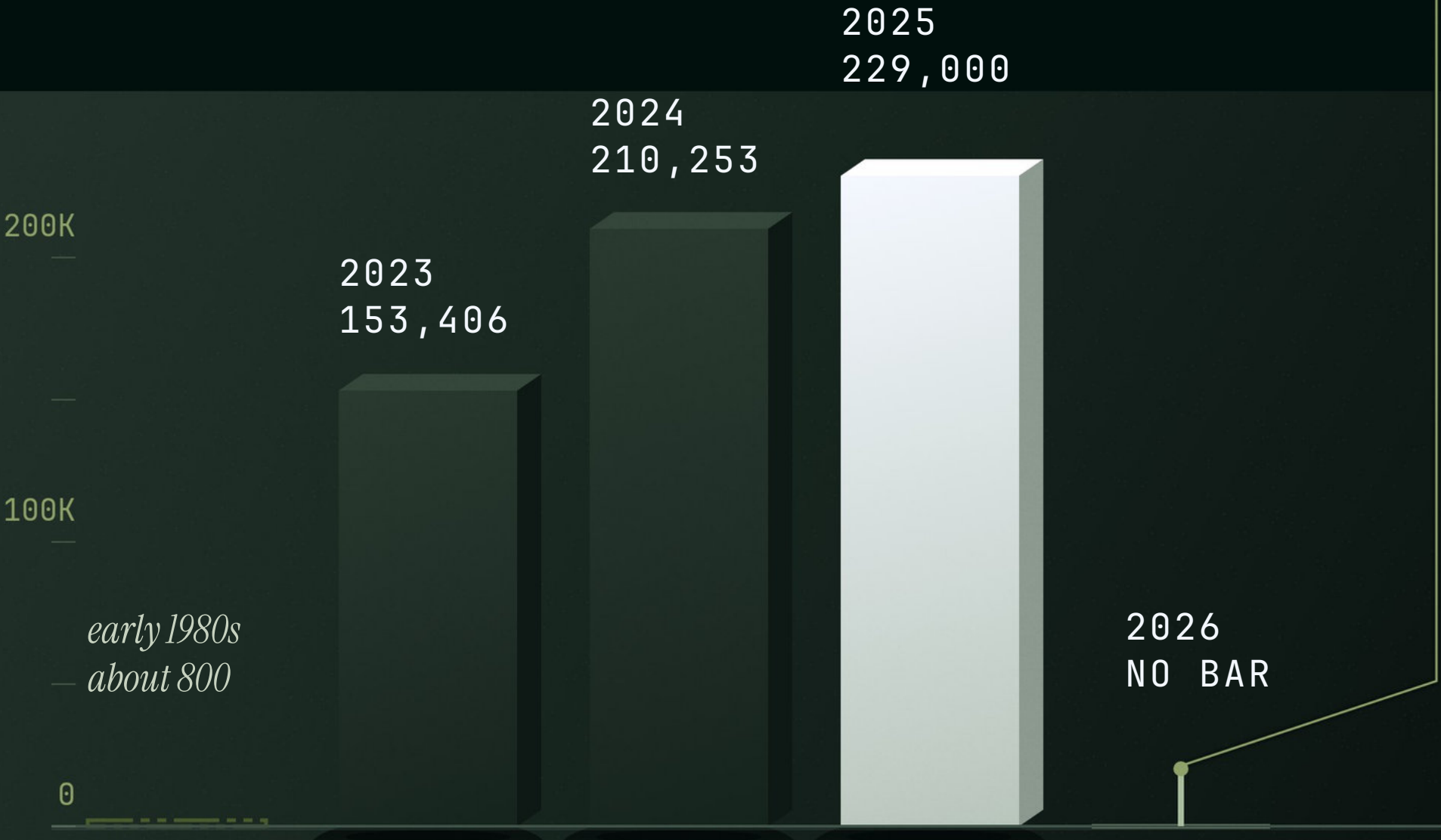
What this weir has
actually measured.

*around 800 in the early 1980s, recalled by
Feldpausch, not a published count (C26)*

REPORTED AS NEARLY 229,000
(C31). BARS ARE LINEAR AND
THE 1980s FIGURE IS UNDER
ONE TICK.

THE WEIR HAD COUNTED
7,791 BY JUNE 29TH,
2026. THE DEPARTMENT'S
PAGE DOES NOT SAY
WHETHER A PERSON OR THE
MACHINE COUNTED THEM.
(C11)

*Fish and Game projected more than 40,000
for the 2026 season on June 30th. A projection
is not a count, so it gets no bar. (C12)*



THE UNCHECKED NUMBER

Nobody has published a count of the counter.

Feldpausch told KCAW the program has reached *"about a 95% confidence interval"* on counting sockeye through the system. That is an operator's self report in a radio interview. A confidence interval is not an accuracy metric. No published Redoubt validation was found.

THE FISH IN FOCUS

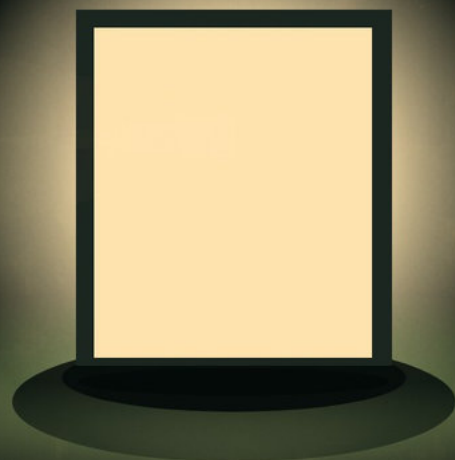
SHOT 08 / 09 . FOV 44 . KEY 2 TO 1 . DOLLY 10.21 M

56°51'N 135°10'W

A working instrument with no
line item.

SAVE THIS FOR THE NEXT FUNDING CYCLE.

SOURCES IN COMMENTS



ALASKA.AI

alaskaaihq.com

SHOT 09 / 09 . FOV 50 . KEY 1.5 TO 1 . DOLLY 15.00 M TOTAL . A 15
MILE BOAT RIDE FROM SITKA (C29)

56°51'N 135°10'W