FREE SAMPLE · GROUND BOOTS FIELD DATA

Highway 1, Calgary to Salmon Arm: what was logged, and what wasn't

One observer and five passes in spring 2026, covering about 470 km of the Trans-Canada.
This is a record of coverage. It is not a wildlife survey, a patrol record or a safety assessment.

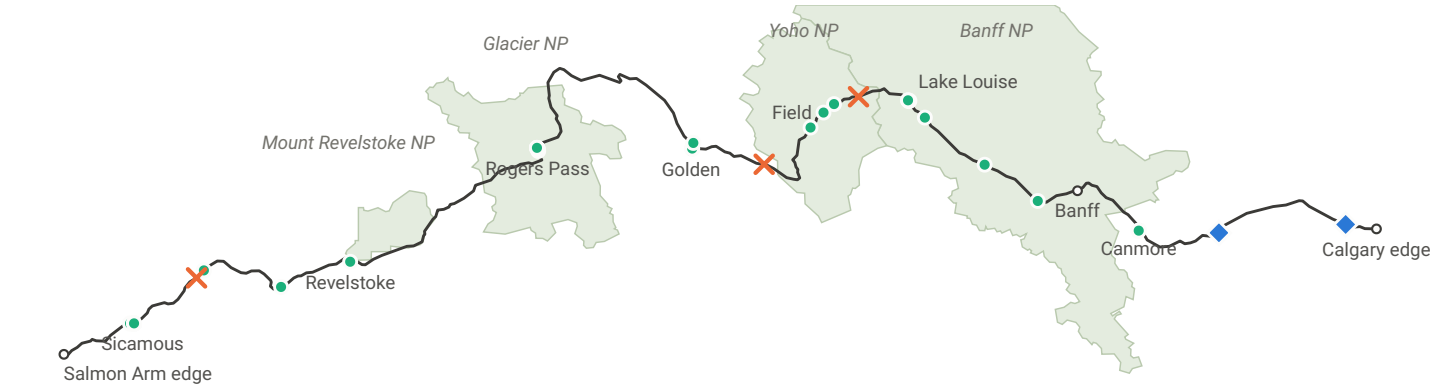
5
passes, 22 Apr to 14 Jun 2026; one has no track

2,264
automatic track samples; 91% came from the 31 May pass

2
wildlife records, neither inside a national park

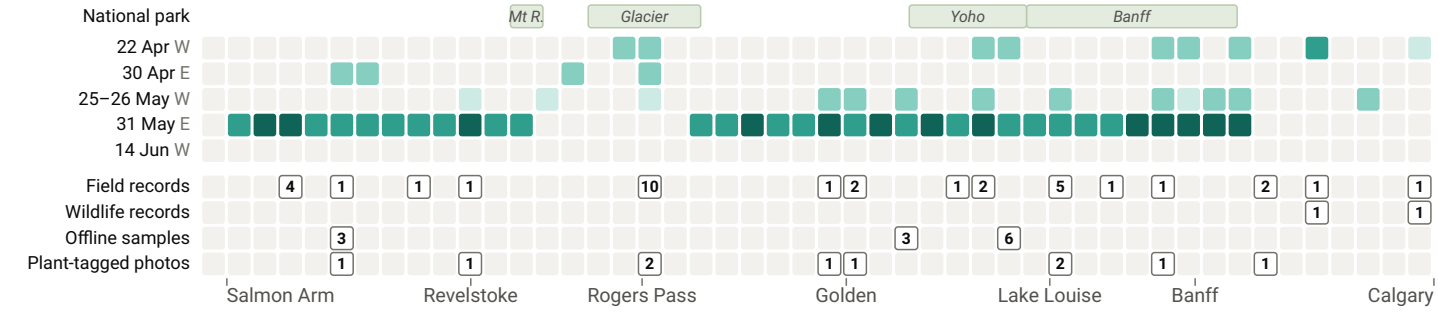
12
offline samples, all 31 May, the only pass whose logger could report offline

Where



Wildlife record · Other field record (34 in all, including wildlife) · Offline samples · National park

When: track samples per 10 km of highway, by pass



Nothing logged · 1–4 · 5–19 · 20–59 · 60+ · W / E = direction of travel. Bottom rows count records across all passes.

What's here

- **Network state** along the road. Of the 12 offline samples, 6 are inside Yoho. One pass only, never retested.
- **Road surface:** 2,141 phone-accelerometer scores, 75 at 50+ of 100, plus 1 logged damage point. Uncalibrated, so compare within a pass only.
- **34 field records** with GPS and time, 20 of them inside national parks. Most carry a stop label.
- **10 roadside photos** tagged by a vision model. Most tags are low or medium confidence and no botanist has checked them.

The gaps

- **Wildlife:** a roadkill deer and a mule deer, both east of Banff. No transects were run, so an empty block doesn't mean no animals.
- **Season and hour:** no highway pass after 14 Jun and none in winter. All records fall between 07:39 and 19:34, so nothing at night.
- **Repeat coverage:** 27 of 48 blocks have a track from one pass only, and 7 have none. The 14 Jun pass logged stops but no track, so it doesn't retest the offline spots.
- **Reach:** within 1.5 km of the highway only. Nothing here speaks to backcountry or to what happens away from the road.

Built 2026-11-01 from the Ground Boots database. Times are Mountain. Offline means the phone reported no network; carrier and signal strength weren't recorded on these passes. A 21 Aug walk near Banff is left out of the counts because it wasn't a highway pass. Park outlines © OpenStreetMap contributors. Highway line via OSRM. Stop labels are as logged. Nimpact Environmental Ltd. · info@nimpact.ca · driftwest.xyz/groundboots-corridor-sample.html