

HIGHWAY INCIDENT MONTHLY REPORT

April 2026 | Northern Ontario

Highways 11, 17, 69, 144 & 40+ Northern Corridors

*Data sources: Ontario 511 | Open-Meteo (precipitation) | MTO (AADT)
CRTC (LTE coverage) | OPP & regional media (fatality confirmation)*

84

COLLISIONS

407

TOTAL INCIDENTS

372h

TOTAL CLOSURE HRS

140h

FULL CLOSURE HRS

HWY 11 & 17

HIGHEST
VOLUME CORRIDORS

39%

MIDDAY
INCIDENTS (9AM-3PM)

35%

PRECIP. PRECEDED
(ASSESSED)

10

CONFIRMED
FATALITIES

ABOUT THIS REPORT

This report summarizes highway collision and closure data recorded by Northern Road Watch for the month of April 2026, covering 40+ provincial highway corridors in Northern Ontario. All incident data is sourced directly from the Ontario 511 platform. Statistics are intended to support public awareness.

Report generated: May 1, 2026 Data period: April 1–30, 2026

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*Data source: Ontario 511 / Northern Road Watch monitoring platform (northernroadwatch.ca). All times are Eastern Standard Time.
Incident durations reflect verified closure periods.*

1. EXECUTIVE SUMMARY

Northern Road Watch recorded 84 collisions on Northern Ontario provincial highways during April 2026, spanning 40+ monitored corridors. These collisions generated a combined 372 hours of road closure time (140h full, 232h partial), with an average incident duration of 266 minutes. Ten confirmed fatalities were recorded across seven collision events in April 2026. See Section 6B for full details.

When all incident categories are considered — collisions, disabled vehicles, construction, and weather events — April 2026 produced 407 total tracked incidents. Highway 17 led all corridors with 35 collisions, its highest count in the 2026 reporting period.

A significant weather event on April 2 brought extended closures on Hwy 17 (20.0 hrs), Hwy 101 (19.1 hrs), and Hwy 129 (16.8 hrs). See Section 6A for details.

KEY HIGHLIGHTS

- 84 collisions recorded across 40+ corridors — April 1 to 30, 2026.
- 372 cumulative hours of closure time: 140h from full closures, 232h from partial closures.
- Hwy 17 (35 collisions) and Hwy 11 (26 collisions) represent 73% of all April collisions.
- 30 full road closures across the highway network.
- Midday (9am–3pm) was the peak collision window at 39% of all incidents.
- 35% of assessed collisions were preceded by precipitation in the prior 4 hours.
- April 2 weather event: Highway 17 closed 20 hours, Hwy 101 closed 19.1 hours, Hwy 129 closed 16.8 hours.
- 10 confirmed fatalities across 7 collision events — the highest monthly fatality count in the NRW dataset.
- 31 repeat-location incidents flagged across the highway network.

2. INCIDENT OVERVIEW — APRIL 2026

84 TOTAL COLLISIONS	407 ALL TRACKED INCIDENTS	372h TOTAL CLOSURE TIME	10 CONFIRMED FATALITIES
30 FULL ROAD CLOSURES	54 PARTIAL CLOSURES	140h FULL CLOSURE TIME	232h PARTIAL CLOSURE TIME
266min OVERALL AVG DURATION	280min FULL CLOSURE AVG	200min HWY 11 AVG DURATION	289min HWY 17 AVG DURATION

INCIDENT BREAKDOWN BY CATEGORY

Category	Count	% of Total	Notes
Vehicle Collision	84	20%	Primary focus of this report
Disabled / Stalled Vehicle	61	15%	Vehicle stopped on roadway or shoulder
Construction / Road Work	162	40%	Planned — lane reductions
Weather Event / Advisory	19	5%	Blowing snow, ice, poor visibility
Other / Unclassified	81	20%	Road hazard, unclassified obstruction
TOTAL	407	100%	

Note: Totals include all events tracked by Northern Road Watch during April 2026. Construction events reflect scheduled MTO activities.



Red = full road closure. Orange = partial closure. Primary corridors in dark green.

3. HIGHWAY-BY-HIGHWAY ANALYSIS

The table below summarizes collision activity for all highways with recorded collisions in April 2026, built from April-only raw incident records.

Highway	Total Coll.	Full Close	Partial Close	Full Close Time	Partial Close Time	Total Close Time	Avg (min)	Full Avg (min)
HWY 17	35	16	19	71h 39m	97h 01m	168h 40m	289	268
HWY 11	26	8	18	25h 49m	61h 04m	86h 53m	200	193
HWY 69	5	4	1	40h 45m	6h 29m	47h 14m	566	611
HWY 144	3	0	3	—	5h 29m	5h 29m	109	—
HWY 101	3	0	3	—	8h 49m	8h 49m	176	—
HWY 518	1	0	1	—	1h 30m	1h 30m	90	—
HWY 102	1	1	0	0h 49m	—	0h 49m	49	49
HWY 596	1	0	1	—	0h 14m	0h 14m	14	—
HWY 523	1	0	1	—	1h 40m	1h 40m	100	—
HWY 60	1	0	1	—	3h 35m	3h 35m	215	—
HWY 599	1	0	1	—	9h 05m	9h 05m	545	—
HWY 61	1	0	1	—	2h 34m	2h 34m	154	—
HWY 124	1	0	1	—	5h 30m	5h 30m	330	—
HWY 655	1	1	0	1h 05m	—	1h 05m	65	65
HWY 652	1	0	1	—	13h 49m	13h 49m	829	—
HWY 129	1	0	1	—	10h 15m	10h 15m	615	—

Note: AADT data and collision rate calculations are explained in Section 8 — Data Notes & Methodology.

CORRIDOR NARRATIVE

Highway 17 recorded the most collisions in April with 35, led by the Shabaqua–Ignace segment (11 collisions). Four of the seven fatal events in April occurred on Highway 17, including a 27.5-hour full closure near Ignace on April 16 — the longest single closure in the April dataset.

Highway 11 recorded 26 collisions. The Huntsville–North Bay segment was the most active with 16 collisions and 5 full closures. Together, Hwys 11 and 17 account for 73% of all April collisions and 69% of total closure hours.

Highway 69 recorded 5 collisions including three fatal events near Cranberry/Still River (April 7, 2 fatalities), Nobel/Carling (April 10), and Sudbury (April 27), giving it the highest fatality concentration per collision of any corridor in April.

Highway 652 (Cochrane District) recorded 1 collision with a partial closure of 829 minutes (13.8 hours). Highway 129 recorded 1 collision with a partial closure of 615 minutes (10.3 hours).

3A. HIGHWAY 11 & HIGHWAY 17 — DETAILED ANALYSIS

Highway 11 and Highway 17 together accounted for 61 of 84 collisions (73%) in April 2026 and 256 of 372 cumulative closure hours (69%) across the network.

Metric	HWY 11
Total Collisions	26
Full Closures	8
Partial Closures	18
Total Closure Time	86h 53m
Avg Duration	200 min
Longest Single Closure	675 min (11.2 hrs)
Repeat Location Incidents	9
With Prior Precipitation	8 / 23 assessed (35%)

Metric	HWY 17
Total Collisions	35
Full Closures	16
Partial Closures	19
Total Closure Time	168h 40m
Avg Duration	289 min
Longest Single Closure	1,650 min (27.5 hrs)
Repeat Location Incidents	17
With Prior Precipitation	10 / 34 assessed (29%)

TIME OF DAY

Time Window	HWY 11	%	HWY 17	%
Overnight (12–6am)	4	15%	5	14%
Morning (6–9am)	6	23%	4	11%
Midday (9am–3pm)	6	23%	17	49%
Afternoon (3–7pm)	3	12%	1	3%
Evening (7pm–12am)	7	27%	8	23%

HIGHWAY 11 — COLLISIONS BY SEGMENT

The Huntsville–North Bay segment recorded the highest collision count in April (16 collisions). The Hearst–Longlac segment recorded the longest average full closure duration (335 min).

Segment	Coll. (Apr)	Full Close	AADT	Coll. Rate YTD Ann.	Coll. Rate April	Avg (min)	Full Avg
Huntsville to North Bay	16	5	9,500	0.06	0.34	184	142
North Bay to New Liskeard	7	4	4,200	0.08	0.37	200	112
New Liskeard to Kirkland Lake	2	1	3,800	0.11	0.52	212	160
Kirkland Lake to Timmins	3	2	3,200	0.03	0.07	198	165
Timmins to Cochrane	1	1	2,700	0.06	0.12	170	170
Cochrane to Kapuskasing	1	0	3,100	0.01	0.08	355	—
Hearst to Longlac / Geraldton	3	2	1,300	0.05	0.29	240	335

Segment	Coll. (Apr)	Full Close	AADT	Coll. Rate YTD Ann.	Coll. Rate April	Avg (min)	Full Avg
Longlac to Nipigon	2	0	1,500	0.12	0.26	298	—
Nipigon to Thunder Bay	2	0	4,300	0.05	0.14	298	—

HIGHWAY 11 — FIVE LONGEST FULL CLOSURES

Date	Location	Duration
Apr 12	Otasawian River, Pagwa, Calstock	510 min (8.5 hrs)
Apr 12	Collins Rd, North Bay to Hwy 64(W)	260 min (4.3 hrs)
Apr 21	Frederick House River, Cochrane	170 min (2.8 hrs)
Apr 26	Sec Hwy 560 / Englehart to N Jct Sec Hwy 569	165 min (2.8 hrs)
Apr 03	Layman Rd (W), Kenogami	160 min (2.7 hrs)

Two of the five longest Hwy 11 closures occurred on April 12, concentrated in the Calstock and North Bay corridors.

3A (CONTINUED) — HIGHWAY 17 DETAILED ANALYSIS

HIGHWAY 17 — COLLISIONS BY SEGMENT

The Shabaqua–Ignace segment recorded the most April collisions (11) and the highest April rate (0.95/MVkm) and highest YTD annualised rate (0.12/MVkm). Four fatal events occurred on Highway 17 this month.

Segment	Coll. (Apr)	Full Close	AADT	Coll. Rate YTD Ann.	Coll. Rate April	Avg (min)	Full Avg
Shabaqua to Ignace	11	5	1,800	0.12	0.95	443	485
Sudbury to Espanola	4	4	8,800	0.03	0.24	202	202
Blind River to Sault Ste. Marie	4	1	5,200	0.05	0.22	176	134
Marathon to Nipigon	3	1	2,800	0.04	0.16	358	250
Sault Ste. Marie to Batchawana Bay	2	1	2,500	0.12	0.61	197	194
Batchawana Bay to Wawa	2	0	2,500	0.02	0.17	322	—
White River to Marathon	2	2	2,700	0.06	0.19	122	122
Ignace to Dryden	1	1	2,100	0.04	0.22	129	129
Dryden to Kenora	1	0	3,200	0.04	0.08	330	—
Pembroke area	1	1	9,500	0.04	0.23	114	114

HIGHWAY 17 — FIVE LONGEST FULL CLOSURES

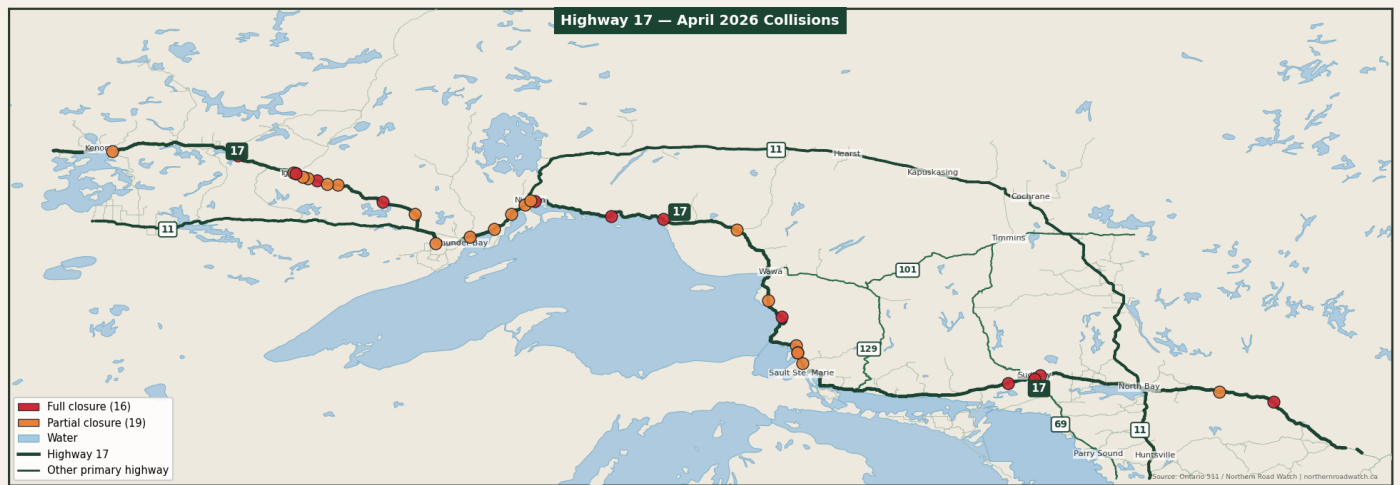
Date	Location	Duration
Apr 16	Ignace E Lts Sign to Hwy 11 (W Jct) — FATAL	1,650 min (27.5 hrs)
Apr 21	Hwy 69 IC to E Jct Sudbury Reg Rd 55, Sudbury — FATAL	395 min (6.6 hrs)
Apr 03	W Jct Sudbury Reg Rd 55, Whitefish to Hwy 69 IC	390 min (6.5 hrs)
Apr 29	Rand St N (N), Ignace	285 min (4.8 hrs)
Apr 24	Ruby Creek Culv, Nipigon	250 min (4.2 hrs)

HWY 11 vs HWY 17 — KEY CONTRASTS

	HWY 11	HWY 17
Collision profile	8 full, 18 partial	16 full, 19 partial
Peak incident window	Evening (27%)	Midday (49%)
Precipitation-preceded	35% of assessed	29% of assessed
Repeat location incidents	9	17
Highest Coll. Rate (YTD Annualised)	Longlac to Nipigon 0.12 per MVkm	Shabaqua to Ignace 0.12 per MVkm

Highest Coll. Rate (April, N=30 days)	New Liskeard to KL 0.52 per MVkm	Shabaqua to Ignace 0.95 per MVkm
Fatal events	0	4 events, 6 fatalities
Longest avg closure	Cochrane to Kapuskasing (355 min avg)	Shabaqua to Ignace (443 min avg)

HIGHWAY 11 & HIGHWAY 17 — COLLISION LOCATIONS, APRIL 2026



Red = full road closure. Orange = partial closure.

4. HIGH-RISK LOCATIONS & REPEAT HOTSPOTS

Northern Road Watch flags incidents occurring within 500m of a prior incident location as repeat-location events. 31 incidents in April 2026 were flagged as repeat-location collisions. No single location reached the 3-incident threshold in April; the highest repeat count at any location was 2 incidents. The table below shows the locations with 2 or more collisions in April 2026.

Rank	Highway	Location	April Incidents	Full Closures	Notes
1	HWY 17	Ignace E Lts Sign to Hwy 11 (W Jct), Ignace	2	2	Includes Apr 16 fatal — 1,650 min closure
2	HWY 17	Hwy 69 IC to E Jct Sudbury Reg Rd 55, Sudbury	2	2	Includes Apr 21 fatal — 395 min closure

Both repeat-incident locations are on Highway 17 and both involved fatal collisions in April. The Ignace corridor (Shabaqua–Ignace segment) continues to be a high-severity zone with 11 total collisions and 5 full closures in April. The 31 repeat-location events across the network represent 37% of all April collisions.

5. TEMPORAL & ENVIRONMENTAL PATTERNS

5.1 TIME OF DAY DISTRIBUTION

Time Window	Collisions	%	Day	Collisions	%
Overnight (12–6am)	13	11%	Sunday	16	19%
Morning (6–9am)	12	10%	Monday	6	7%
Midday (9am–3pm)	46	39%	Tuesday	13	16%
Afternoon (3–7pm)	25	22%	Wednesday	11	13%
Evening (7pm–12am)	21	18%	Thursday	17	20%
			Friday	9	11%
			Saturday	12	14%

Midday hours (9 a.m.–3 p.m.) accounted for 39% of all April collisions, coinciding with peak commercial truck traffic, courier and service vehicle activity, and general travel hours.

5.2 LIGHTING CONDITIONS

Condition	Collisions	% of Total
Daylight	52	62%
Darkness	28	33%
Dawn / Dusk	4	5%

62% of April collisions occurred in daylight conditions, consistent with the dominance of midday-hour incidents. Darkness-related collisions accounted for 33% of the total — disproportionately high relative to the share of travel hours occurring after dark.

5.3 PRECIPITATION & ROAD CONDITIONS

27 of 77 assessed collisions (35%) were preceded by measurable precipitation in the four hours prior to the incident. April marks the transition to spring in Northern Ontario, with rain-on-wet-pavement and freeze-thaw cycles contributing to variable road surface conditions.

Note: 7 of 84 April collisions have no weather data recorded — the Open-Meteo API returned no result at time of collection. These 7 are excluded from the assessed denominator (77).

6. ROAD SEGMENT COLLISION RATE ANALYSIS

The following segments are ranked by total collision count in April 2026. Two collision rates per million vehicle-kilometres are shown: an annualised rate (comparable to published benchmarks) and an April-only rate reflecting the actual 30-day study period. Both require AADT data.

Road Segment	Coll. (Apr)	Full Close	AADT	Coll. Rate YTD Ann. (/MVkm)	Coll. Rate April (/MVkm)	Avg (min)	Full Avg (min)
Hwy 17: Shabaqua to Ignace	11	5	1,800	0.12	0.95	443	485
Hwy 11: Huntsville to North Bay	16	5	9,500	0.06	0.34	184	142
Hwy 17: Sudbury to Espanola	4	4	8,800	0.03	0.24	202	202
Hwy 17: Blind River to SSM	4	1	5,200	0.05	0.22	176	134
Hwy 11: North Bay to New Liskeard	7	4	4,200	0.08	0.37	200	112
Hwy 69/400: Parry Sound → Sudbury	5	4	7,800	0.03	0.15	567	611
Hwy 17: Marathon to Nipigon	3	1	2,800	0.04	0.16	358	250
Hwy 11: Kirkland Lake to Timmins	3	2	3,200	0.03	0.07	198	165

SEGMENT RISK OBSERVATIONS

Hwy 17: Shabaqua to Ignace carries the highest normalized crash rate on the network in April at 0.95 crashes per million vehicle-kilometres (AADT 1,800/day), with 11 collisions and 5 full closures.

Hwy 69/400: Parry Sound to Sudbury recorded 5 collisions and 4 full closures including three fatal events with four fatalities. Its April rate of 0.15/MVkm (AADT 7,800) reflects a high-volume corridor.

Hwy 17: Shabaqua to Ignace recorded 11 collisions and 5 full closures (AADT 1,800, April rate 0.95/MVkm; YTD annualised rate 0.12/MVkm).

Hwy 17: Sudbury to Espanola recorded 4 collisions all resulting in full closures (avg 202 min), including one fatal event on April 21.

6A. SIGNIFICANT WEATHER EVENT — APRIL 2 EXTENDED CLOSURES

Over the Easter long weekend (April 2–6, 2026), two back-to-back Colorado low pressure systems swept across northern Ontario, bringing up to 50 cm of snow to parts of northeastern Ontario and triggering extended highway closures across the NRW monitoring network.

The first system moved through Thursday April 2 into Friday April 3, bringing heavy snow at rates of 2–4 cm/h northeast of Lake Superior, with freezing rain east of Lake Superior and Georgian Bay. Forecast accumulations of 15–30 cm of heavy snow affected northeastern Ontario, with road closures and isolated power outages reported. A yellow storm warning was in effect for Timmins and surrounding area.

A second Colorado low moved through Saturday April 4, adding 10–20 cm of snow and 6–12 hours of freezing rain from Wawa to Timmins. Mild air pushing north of Sudbury produced icy precipitation and further road impacts. By Sunday afternoon, snow tapered to flurries. Combined totals across the two systems reached 30–50+ cm in parts of northeastern Ontario.

NRW recorded extended full closures on Highway 17 (20.0 hours), Highway 101 (19.1 hours), and Highway 129 (16.8 hours) during this period. Four collisions were recorded on April 2 coinciding with the weather event.

Sources: *The Weather Network, April 2, 2026* (weather.com/en/news/weather/forecasts). *Timmins Today, April 3, 2026*. [northernroadwatch.ca incident archive](https://northernroadwatch.ca/incident/archive). *Ontario 511*.

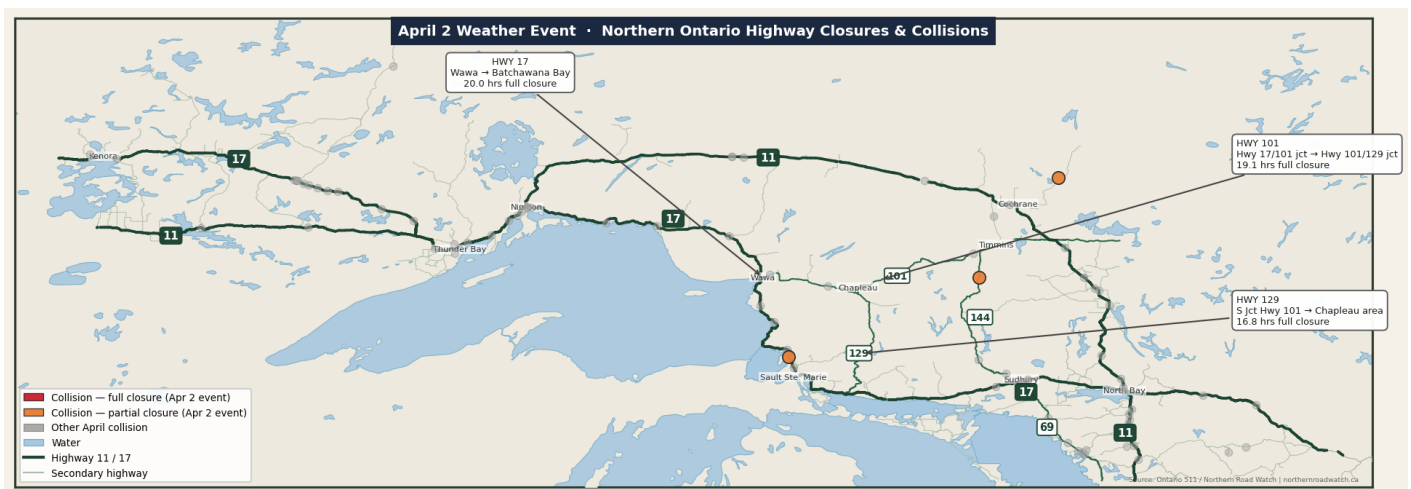
LONGEST FULL CLOSURES — APRIL 2

The following full road closures were recorded on April 2:

Highway	Segment	Closure Duration	Direction	Date
HWY 17	OPP Detachment, Wawa to Hwy 101 junction	20.0 hours	Both Directions	Apr 2
HWY 101	Hwy 17/101 junction to Hwy 101/129 junction	19.1 hours	Both Directions	Apr 2
HWY 129	S Jct Hwy 101 to Chapleau area	16.8 hours	Both Directions	Apr 2

Source: [northernroadwatch.ca incident archive](https://northernroadwatch.ca/incident/archive). *Ontario 511*. *The Weather Network April 2, 2026*. *Timmins Today April 3, 2026*.

APRIL 2 WEATHER EVENT — ROAD CLOSURES & COLLISIONS



Callout boxes show confirmed full closures greater than 16 hours. Red = full closure collision (Apr 2 event). Yellow = partial closure collision (Apr 2 event). Grey = other April collision.

6B. CONFIRMED FATALITIES — APRIL 2026

Ten fatalities were confirmed across seven collision events in April 2026, sourced from OPP and regional media cross-referenced with 511 event records. This is the highest monthly fatality count recorded in the NRW dataset.

Four fatalities occurred on Highway 69; six on Highway 17. Transport trucks were involved in five of the seven events.

Date	Highway	Details	Transport Involved	Deaths
April 7, 2026	HWY 69	Fatal collision near Cranberry/Still River. Full closure 455 min. Source: cbc.ca/news/canada/sudbury/fatal-collision-car-crash-highway-69-9.7158938	Yes	2
April 10, 2026	HWY 69	Fatal crash near Nobel/Carling area. Full closure 920 min. Source: sudbury.com/police/hwy-69-remains-closed-this-morning-after-fatal-crash-yesterday-evening-12123787	No	1
April 16, 2026	HWY 17	Three people killed after two transport trucks collided near Ignace. Full closure 1,650 min (27.5 hrs). Source: villagereport.ca/ontario-news/three-people-dead-after-transport-trucks-crash-on-northern-ontario-highway-12155148	Yes (2 transports)	3
April 19, 2026	HWY 17	Fatal crash near Thunder Bay (Spruce River Rd / Hwy 11-17). Partial closure 500 min. Source: ctvnews.ca/northern-ontario/article/opp-investigate-fatal-crash-on-hwy-11-17-near-thunder-bay	No	1
April 21, 2026	HWY 17	Sudbury woman killed in head-on collision with transport truck near Hwy 69 interchange. Full closure 395 min. Source: ctvnews.ca/northern-ontario/article/sudbury-woman-killed-in-head-on-crash-with-transport-on-hwy-17	Yes	1
April 24, 2026	HWY 17	Fatal collision near Nipigon Bridge (Hwy 11/17 junction). Partial closure 540 min. Source: netnewsledger.com/2026/04/24/fatal-highway-11-17-collision-near-nipigon-bridge-under-opp-investigation	Yes	1
April 27, 2026	HWY 69	Sudbury woman killed in collision near Ida Street, Sudbury. Partial closure 389 min. Source: sudbury.com/police/crash-last-night-on-hwy-69-claims-life-of-sudbury-woman-12197441	No	1

CONTEXT & CONSIDERATIONS

The April 16 collision near Ignace is the most severe single event in the April dataset. Two transport trucks collided near Raith, resulting in three deaths and a 27.5-hour full closure of Highway 17. The collision also resulted in a spill of liquid pesticides and fuel; the Ministry of the Environment, Conservation and Parks was called in to assist with cleanup. Spilled materials were contained within roadside ditches and ministry environmental compliance officers monitored the site. Police noted the spill did not pose a significant risk to the public. (Source: NWO Newswatch, Apr 17, 2026 — nwonewswatch.com)

Highway 69 recorded three of the seven fatal events in April. Highway 17 recorded four fatal events spanning the corridor from Sudbury to Nipigon.

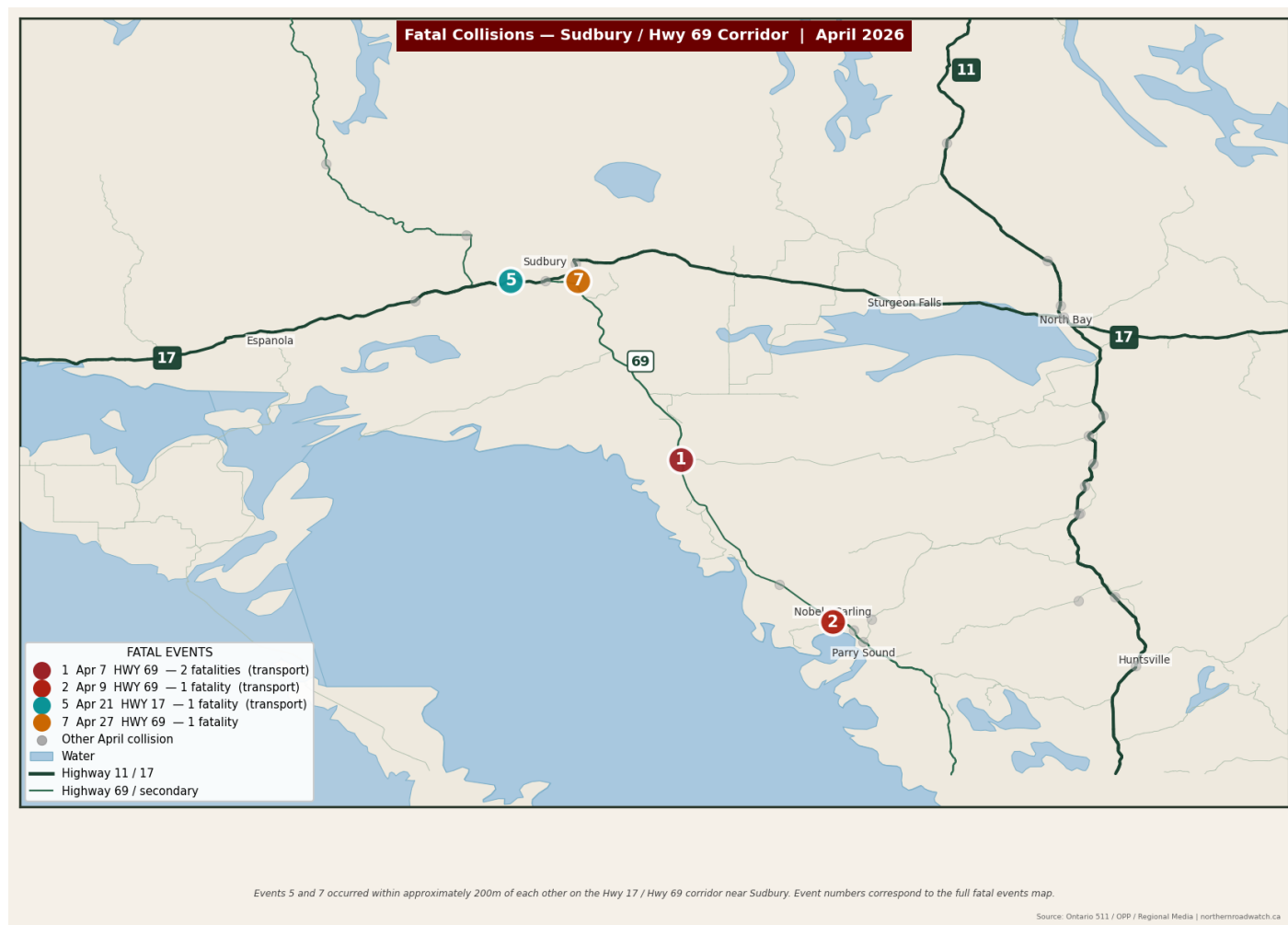
Note: NRW fatality data is cross-referenced from 511 event records and publicly available media/OPP reports. This dataset may not reflect all OPP-confirmed fatalities for April 2026. Official fatality statistics should be verified through MTO or OPP annual road safety publications.

CONFIRMED FATALITIES — APRIL 2026 MAP



Numbers on markers indicate fatality count per event. Events numbered 1–7 in date order.
Grey dots = other April collisions. Source: Ontario 511 / OPP / Regional media.

FATAL COLLISIONS — SUDBURY / HWY 69 CORRIDOR DETAIL



Zoomed view of the four southern fatal events in April 2026 (events 1, 2, 5, 7).
 Closure locations for events 5 and 7 appear within approximately 200m of each other.
 Note: coordinates reflect highway closure points, not necessarily exact collision locations.
 Source: Ontario 511 / OPP / Regional Media | northernroadwatch.ca

7. KEY FINDINGS

- F1:** Ten fatalities were confirmed across seven collision events in April 2026 — the highest monthly fatality count in the NRW dataset. Highway 69 recorded four fatalities across three events; Highway 17 recorded six fatalities across four events.
- F2:** Highway 17 led all corridors with 35 collisions in April, exceeding Highway 11 (26 collisions) for the first time in 2026. Together they account for 73% of all April collisions and 69% of total closure hours.
- F3:** The Hwy 17 Shabaqua–Ignace segment recorded the highest April collision rate at 0.95/MVkm, with 11 collisions and a 1,650-minute full closure on April 16 — the longest single closure in the April dataset.
- F4:** Midday (9am–3pm) remained the highest-risk period at 39% of April collisions. Evening collisions rose to 24%, up from 18% in March, coinciding with the Easter long weekend.
- F5:** 35% of assessed April collisions (27 of 77) were preceded by measurable precipitation. An Easter weekend storm system brought 30–50+ cm of snow to northeastern Ontario April 2–6.
- F6:** Highway 69 recorded 5 collisions and 3 fatal events in April, resulting in 4 fatalities — the highest fatality total of any single corridor. A transport truck was involved in the April 7 event.
- F7:** 31 repeat-location incidents were flagged in April. The two locations with the highest repeat count (2 incidents each) were both on Highway 17 and both involved fatal collisions.

8. DATA NOTES & METHODOLOGY

DATA SOURCES

- **Incident Data:** Ontario 511 platform (511.ontario.ca), which aggregates real-time road event reporting from MTO, OPP, municipal road authorities, and contracted patrol services. Northern Road Watch retrieves and archives this data continuously, recording timestamps, duration calculations, and geographic coordinates.
- **Precipitation:** Open-Meteo Historical Weather API (open-meteo.com). Hourly precipitation totals are retrieved for the GPS coordinates of each incident using reanalysis data derived from ERA5 and high-resolution weather models. The 4-hour cumulative precipitation total prior to each incident timestamp is used.
- **Traffic Volumes (AADT):** Ontario Ministry of Transportation (MTO) published Annual Average Daily Traffic counts.
- **LTE Coverage:** CRTC mobile coverage data.
- **Fatality Confirmation:** OPP press releases and regional news media. Fatalities are not sourced from 511 — they are identified by cross-referencing incident records with publicly available OPP reports and news articles from outlets including CTV Northern Ontario and Timmins Today.
- **Weather Event Context:** The Weather Network (April 2, 2026). Timmins Today (April 3, 2026).

COVERAGE AREA

This report covers all provincial highways in the Northern Road Watch monitoring network, spanning Northern Ontario from the Parry Sound / Huntsville area in the south to the Manitoba and Quebec borders. The network encompasses primary corridors including Hwy 11 (Parry Sound District to Rainy River), Hwy 17 (Pembroke area to Manitoba border), Hwy 69 (Parry Sound to Sudbury), Hwy 144 (Sudbury to Timmins), and Hwy 101, 129, 599, 652, and 40+ secondary provincial routes.

METHODOLOGY NOTES

- **Duration:** Closure duration is calculated from first 511 posting to resolution timestamp. Events without a resolution timestamp are excluded from duration averages.
- **Repeat Locations:** Incidents are flagged as repeat-location if a prior event occurred within approximately 500m of the same GPS coordinate.
- **Collision Rate per MVkm:** Two rates are shown for each segment. **YTD Annualised:** $R = (C(ytd) / (V \times 365 \times L)) \times 1,000,000$ — uses all collisions recorded Feb 15 to Apr 30, 2026 (full NRW monitoring period to date) as the numerator, divided by annual vehicle-kilometre exposure; enables comparison with published road safety benchmarks. **April Only:** $R = (C(apr) / (V \times 30 \times L)) \times 1,000,000$ — uses April-only collisions over the 30-day vehicle-kilometre exposure. Both use $V = \text{AADT}$ and $L = \text{segment length in kilometres}$. Only calculated where MTO AADT data is available.
- **LTE Coverage:** “Not assessed” reflects incident locations not yet mapped in CRTC coverage data.

LIMITATIONS

This report reflects incidents reported through the Ontario 511 system. Not all collisions are reported to 511, particularly minor incidents cleared before patrol arrival. This data should be considered a minimum incident count and not a complete census of road events.

Importantly, 511 closure locations reflect **where the road is closed** — typically the nearest practical closure point — which may not be the exact location of the collision. Coordinates and location descriptions should be interpreted as approximate rather than precise crash locations.

For MTO enforcement statistics, coroner's data, or official fatality counts, provincial records from MTO or OPP should be referenced directly.

Northern Road Watch is an independent highway monitoring platform for Northern Ontario. Live incident data is available at northernroadwatch.ca.

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