

NORTHERN ROAD WATCH
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HIGHWAY INCIDENT MONTHLY REPORT

| 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)

49	470	208h	118h
COLLISIONS	TOTAL INCIDENTS	TOTAL CLOSURE HRS	FULL CLOSURE HRS

HWY 17	31%	11%	8
HIGHEST VOLUME CORRIDORS	MIDDAY INCIDENTS (9AM-3PM)	PRECIP. PRECEDED (ASSESSED)	CONFIRMED FATALITIES

ABOUT THIS REPORT

This report summarizes highway collision and closure data recorded by Northern Road Watch for the month of June 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: July 13, 2026 Data period: June 1–30, 2026

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

1. EXECUTIVE SUMMARY

Northern Road Watch recorded 49 collisions on Northern Ontario's provincial highways in June, a slight decline from May's total of 51. Eight of the collisions had confirmed fatalities resulting in nine deaths, the highest fatal event total since April 2026 when seven fatal collisions resulted in ten deaths.

Highway 17 accounted for nearly half (49%) of this month's collisions with 82 hours of closure time. Three of the eight fatal collision events occurred on Highway 69 on June 6, 9, and 27, and included a single-vehicle crash that killed two people. Overall, June's collisions resulted in 208 hours of road closure time from 9 full closures and 30 partial closures with an average duration of 255 minutes. The fatal Highway 11 collision near the Pagwa River Bridge closed the highway for nearly 17 hours.

June's repeat-location rate was 51% with 25 collisions occurring within approximately 500 metres of a location where an earlier incident had been recorded. Midday (9 am to 3 pm) was the leading collision period at 31%, while Tuesday recorded the most collisions. Measurable precipitation preceded 11% of assessed collisions, up from 4% in May.

All incident categories in June - collisions, disabled vehicles, construction, and weather and other events - produced a total of 470 tracked incidents. The majority (78%) were construction-related, consistent with the ongoing MTO summer maintenance season.

KEY HIGHLIGHTS

- 49 collisions recorded across 40+ corridors from June 1 to 30, 2026
- 208h cumulative closure time: 118h from full closures, 90h from partial closures
- Hwy 17 alone recorded 24 collisions (49% of the June total) and 82h of closure time (40% of the total), the most concentrated single-corridor share of any month in the 2026 dataset
- 19 full road closures and 30 partial closures across the highway network
- 8 confirmed fatal collision events resulting in 9 deaths, double May's fatal-event count and the second-highest monthly fatality total in 2026 after April
- Hwy 69 recorded 3 separate fatal events in June (June 6, 9, and 27), including a two-fatality crash near Pointe au Baril, and had the corridor's highest closure-duration average on the network (241 min)
- 51% of June collisions were flagged as repeat-location events, the highest monthly rate recorded in the 2026 dataset
- only 11% of assessed June collisions (5 of 45) were preceded by measurable precipitation
- Tuesday was the highest-collision day of the week with 11 incidents (22%); midday (9am-3pm) was the peak collision window (31%)

2. INCIDENT OVERVIEW: JUNE 2026

49 TOTAL COLLISIONS	470 ALL TRACKED INCIDENTS	208h 16m TOTAL CLOSURE TIME
9 CONFIRMED DEATHS 8 fatal events	19 FULL ROAD CLOSURES	30 PARTIAL CLOSURES
118h FULL CLOSURE TIME	90h PARTIAL CLOSURE TIME	255min AVG DURATION (ALL) 372 min full · 181 min partial

INCIDENT BREAKDOWN BY CATEGORY

Category	Count	% of Total	Notes
Vehicle Collision	49	10%	Primary focus of this report
Disabled / Stalled Vehicle	9	2%	Vehicle stopped on roadway or shoulder
Construction / Road Work	368	78%	Planned, lane reductions, MTO summer program
Other / Unclassified	44	9%	Includes debris, 7 forest-fire closures, road hazards
TOTAL	470	100%	

**Percentages rounded to nearest whole number. Seven forest-fire-related closures occurred in June: five on Highway 144 near Gogama and Mattagami (June 3 to 4) and two on Highway 11 near Atikokan and Temagami (June 30).*

MAP 1: JUNE 2026 COLLISION OVERVIEW

Map 1. All 49 June 2026 collisions across the Northern Ontario highway network. Red is a full closure, orange is a partial closure. Source: Ontario 511 / Northern Road Watch.

3. HIGHWAY-BY-HIGHWAY ANALYSIS

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

Highway	Total Coll.	Full Close	Partial Close	Full Close Time	Partial Close Time	Total Close Time	Avg (min)
HWY 17	24	7	17	38h 09m	44h 07m	82h 16m	206
HWY 69	6	5	1	20h 59m	3h 09m	24h 08m	241
HWY 11	4	2	2	28h 00m	13h 40m	41h 40m	625
HWY 400	2	2	0	14h 04m	—	14h 04m	422
HWY 101	2	0	2	—	4h 55m	4h 55m	148
HWY 144	1	0	1	—	1h 49m	1h 49m	109
HWY 502	1	0	1	—	1h 50m	1h 50m	110
HWY 129	1	1	0	7h 25m	—	7h 25m	445
HWY 560	1	0	1	—	10h 10m	10h 10m	610
HWY 596	1	0	1	—	6h 40m	6h 40m	400
HWY 61	1	0	1	—	0h 35m	0h 35m	35
HWY 6	1	1	0	3h 45m	—	3h 45m	225
HWY 624	1	0	1	—	1h 54m	1h 54m	114
HWY 71	1	0	1	—	0h 35m	0h 35m	35
HWY 7182	1	1	0	5h 30m	—	5h 30m	330
HWY 72	1	0	1	—	1h 00m	1h 00m	60

Note: HWY 7182 reflects the road designation as recorded verbatim in the Ontario 511 source feed for the June 11 to 12 Shawanaga-area event. NRW publishes 511 data as reported and has not altered this designation.

CORRIDOR NARRATIVE

Highway 17 recorded 24 collisions in June, nearly half the network total, spread across an unusually wide geographic range. Five events happened near Kenora (three on the Kenora-Manitoba Border segment, including the June 2 fatal, and two within the Kenora urban zone), four on the North Bay-Sudbury segment (Warren x2, Nipissing area x2), and two near Mattawa on the Pembroke-Mattawa segment, including the June 28 fatal near Stonecliffe. The remaining thirteen collisions were single events spread across ten other named segments (Thunder Bay to Shabaqua, Shabaqua to Ignace, Blind River to Sault Ste. Marie, Espanola to Blind River, Sudbury to Espanola, White River to Marathon, Wawa to White River, Dryden to Kenora, Ignace to Dryden, and Mattawa to North Bay) plus the Thunder Bay, Nipigon/Red Rock, and Greater Sudbury urban zones. That breadth, rather than concentration in the traditionally dominant Blind River to Sault Ste. Marie or Shabaqua to Ignace corridors, is the defining feature of June's Highway 17 activity. See Section 7 for the full segment breakdown.

Highway 69 recorded 6 collisions but a disproportionate 3 fatal events, discussed in detail in Section 3B.

Highway 11 recorded only 4 collisions in June, a sharp drop from May's 14, but two were severe: the June 8 fatal collision near the Pagwa River Bridge (Longlac area, a 1,000-minute full closure, the longest single closure of the month) and a same-day 680-minute full closure near Hearst/Calstock.

3A. HIGHWAY 17: DETAILED ANALYSIS

Highway 17 accounted for 24 of 49 June collisions (49%) and 82h 16m of the network's 208h 16m in cumulative closure time (40%), the most concentrated single-corridor share recorded in the 2026 monitoring period to date.

Metric	HWY 17
Total Collisions	24
Full Closures	7
Partial Closures	17
Total Closure Time	82h 16m
Avg Duration	206 min
Longest Full Closure	770 min (12.8 hrs), Kenora Bypass, Jun 16
Longest Partial Closure	539 min (9.0 hrs), Nipigon, Jun 4
Repeat-Location Incidents	10 (42%)
Fatal Events	2 (Jun 2 Kenora, Jun 28 Stonecliffe)
With Prior Precipitation	1 / 22 assessed (5%)

TIME OF DAY: HWY 17

Time Window	Collisions	%
Overnight (12–6am)	3	13%
Morning (6–9am)	3	13%
Midday (9am–3pm)	10	42%
Afternoon (3–7pm)	5	21%
Evening (7pm–12am)	3	13%

Midday (9am–3pm) accounted for 42% of Hwy 17 collisions in June, a sharper concentration than the network-wide midday share (31%).

HIGHWAY 17: FIVE LONGEST FULL CLOSURES

Date	Location	Duration
Jun 16	W Jct Hwy 17A - Kenora Bypass, Kenora	770 min (12.8 hrs)
Jun 13	Rice Lake Rd, Boys Twp, Kenora	555 min (9.3 hrs)
Jun 28	Brook St / Nipissing-Renfrew Twp Bdy, Mattawa	425 min (7.1 hrs)
Jun 28	McSourley Lake Trail, Stonecliffe (fatal)	420 min (7.0 hrs)
Jun 18	Scenic Lookout E Ent, Lake Superior Prov. Park, Marathon	60 min (1.0 hr)

3B. HIGHWAY 69: SEVERITY CONCENTRATION

Highway 69 recorded only 6 collisions in June, modest by volume and ranking third among corridors, but produced 3 of the network's 8 fatal events (38% of June's fatal event total) and 4 of the network's 9 confirmed deaths. This gives Highway 69 by far the highest fatality-to-collision ratio of any corridor in the June 2026 dataset, and the highest average closure duration on the network (241 minutes).

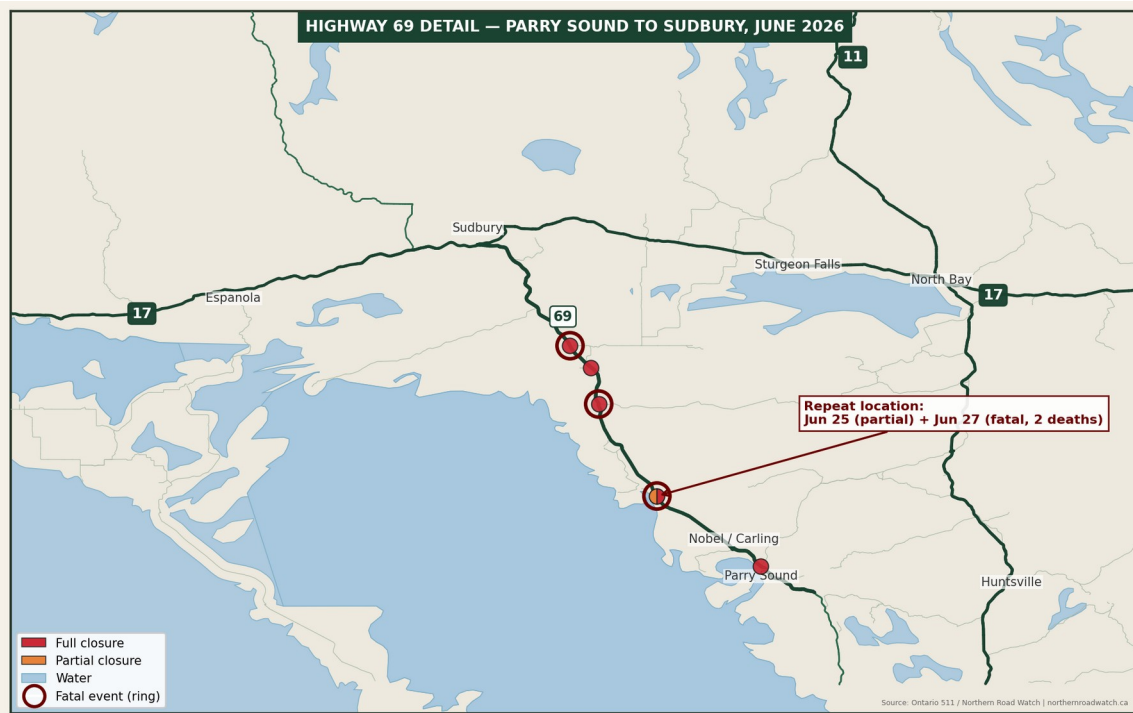
Metric	HWY 69
Total Collisions	6
Full Closures	5
Partial Closures	1
Total Closure Time	24h 08m
Avg Duration	241 min
Fatal Events	3 of 6 collisions (50%)
Confirmed Deaths	4 (1 + 1 + 2 across three events)
Repeat-Location Incidents	6 of 6 (100%)

HIGHWAY 69: FATAL EVENTS, JUNE 2026

Date	Location	Deaths	Duration
Jun 5-6 (overnight)	Near Hwy 522, Henvey Inlet First Nation	1	439 min full closure
Jun 9	French River area (Hwy 64 / Brasier Rd)	1	360 min full closure
Jun 27	Pointe au Baril, Archipelago Twp	2	440 min full closure

All three Highway 69 fatal events in June were single-vehicle collisions per OPP and regional media reporting (see Section 6), consistent with the corridor's long-documented safety concerns on its undivided two-lane sections between Sudbury and Parry Sound. Local reporting and MTO public consultations during June, including a Britt information session on June 3 and 4, continued to highlight community concern over the pace of the Highway 69 four-laning project.

Context: This severity pattern echoes the Spring 2026 Seasonal Report finding that Highway 69 carried the highest fatality concentration per collision of any corridor in Spring 2026 (4 deaths across 3 fatal events in April alone). June's 3 fatal events extend this pattern into early summer.



Map 2. Highway 69, Parry Sound to Sudbury, June 2026. Larger ringed markers denote fatal events. The Pointe au Baril repeat-location pair (Jun 25 partial, Jun 27 fatal) is annotated. Source: Ontario 511 / Northern Road Watch.

4. HIGH-RISK LOCATIONS & REPEAT HOTSPOTS

Northern Road Watch flags incidents occurring within approximately 500m of a prior incident location as repeat-location events. 25 incidents in June 2026 were flagged as repeat-location collisions, representing 51% of all June collisions. That's the highest repeat rate recorded in the 2026 dataset to date, surpassing May's previous high of 43%. The repeat flags include both within-month repeats and locations with prior incidents from earlier in the 2026 monitoring period (from Feb 15, 2026).

Two locations recorded two collisions within June itself:

- Rush Bay Rd / Boat Launch, Forgie Twp, Kenora (Hwy 17): June 2 (full closure, 29 min) and June 3 (partial closure, 179 min).
- S Jct Sec Hwy 529 (W), Pointe au Baril / N Archipelago Twp (Hwy 69): June 25 (partial closure, 189 min) and June 27 (full closure, 440 min, the fatal two-death event detailed in Section 3B).

All other June repeat-location flags reflect locations with a prior incident recorded earlier in the 2026 monitoring period (February to May) rather than a second event within June.

5. TEMPORAL & ENVIRONMENTAL PATTERNS

5.1 TIME OF DAY DISTRIBUTION

Time Window	Collisions	%
Overnight (12–6am)	7	14%
Morning (6–9am)	8	16%
Midday (9am–3pm)	15	31%
Afternoon (3–7pm)	8	16%
Evening (7pm–12am)	11	22%
Day	Collisions	%
Sunday	5	10%
Monday	8	16%
Tuesday	11	22%
Wednesday	8	16%
Thursday	7	14%
Friday	6	12%
Saturday	4	8%

Midday (9am-3pm) was the leading collision window in June at 31%, a shift back toward midday dominance after May's midday/afternoon tie (27% each). Tuesday was the highest single day with 11 collisions (22%), with the lowest collision rate on Saturdays and Sundays, a departure from May and April, when weekend days led.

5.2 LIGHTING CONDITIONS

Condition	Collisions	% of Total
Daylight	34	69%
Darkness	12	24%
Dawn / Dusk	3	6%

69% of June collisions occurred in daylight, a little lower than May's 73%, consistent with June's near-maximum daylight hours around the summer solstice providing extensive daylight exposure even as darkness-related collisions increased slightly.

5.3 PRECIPITATION & ROAD CONDITIONS

Five of the 45 assessed June collisions (11%) were preceded by measurable precipitation in the four hours prior to the incident, up from May's 4% but still well below March's 51% and April's 35%. Four of the 49 June collisions had no weather data recorded and are excluded from the assessment.

No individual collision cause is inferred from weather data alone.

6. CONFIRMED FATALITIES: JUNE 2026

Eight fatal collision events were flagged in the June 2026 NRW dataset, resulting in nine confirmed deaths. All eight have been cross-referenced against OPP news releases and regional media.

Date	Highway	Details	Transport Involved	Deaths
Jun 2, 2026	HWY 17	Head-on collision west of Kenora (Clearwater Bay / Royal Lake Rd) between a semi-trailer and a passenger vehicle. A 32-year-old Winnipeg man was pronounced dead at the scene. Partial closure, 385 min. Source: OPP, CBC News, NetNewsLedger.	Yes	1
Jun 5-6, 2026	HWY 69	Single-vehicle collision near Hwy 522, Henvey Inlet First Nation, around 10:30pm on Jun 5. Full closure, 439 min. Source: OPP, CTV, My Parry Sound Now.	No	1
Jun 8, 2026	HWY 11	Collision between a commercial motor vehicle and a passenger vehicle near the Pagwa River Bridge, Clavet Twp (Longlac to Hearst corridor). Full closure, 1,000 min (16.7 hrs), the longest closure of the month. Source: OPP, TimminsToday.	Yes	1
Jun 9, 2026	HWY 69	Single-vehicle collision at Hwy 64 / Brasier Rd, French River area. A passenger was pronounced dead at the scene; the driver and a second passenger were hospitalized. Full closure, 360 min. Source: OPP, Sudbury.com, CTV.	No	1
Jun 11-12, 2026	HWY 7182	Single-vehicle collision with a tree on Shebeshekong Road, Carling Township, near Shawanaga First Nation, late in the evening of Jun 11. A 29-year-old Beeton man died in hospital. Full closure, 330 min. Source: OPP, CTV News.	No	1
Jun 17, 2026	HWY 6	Collision between a motorcycle and a vehicle towing a trailer near White's Point Rd, Little Current (Manitoulin). A 72-year-old Thunder Bay man died from his injuries. Full closure, 225 min. Source: OPP, Manitoulin.com, Sudbury.com.	No	1
Jun 27, 2026	HWY 69	Single-vehicle collision at S Jct Hwy 529, Pointe au Baril, Archipelago Twp, the same junction as a partial-closure collision two days earlier on Jun 25. Two people were pronounced dead at the scene. Full closure, 440 min. Source: OPP, CTV News, Sudbury.com.	No	2
Jun 28, 2026	HWY 17	Collision between a motorcycle and a passenger vehicle at McSourley Lake Trail, in the United Townships of Head, Clara and Maria (Renfrew County), just after 11:30am. The motorcyclist died. Full closure, 420 min. Source: OPP, CBC News.	No	1

CONTEXT & CONSIDERATIONS

June's fatal-event count of 8 is double May's total of 4, and approaches April's 2026 high of 7 events and 10 deaths. Highway 69 alone accounted for 3 of June's 8 fatal events and 4 of its 9 deaths, continuing the corridor's disproportionate severity pattern documented in the Spring 2026 Seasonal Report. The June 27 Pointe au Baril crash, which killed two people, was the most severe single event of the month by fatality count.

The June 8 Highway 11 collision near the Pagwa River Bridge produced the longest closure of the month at 1,000 minutes (16.7 hours), and OPP and TimminsToday both confirmed it involved a commercial motor vehicle.

Two of June's eight fatal events involved motorcyclists: the June 17 collision near Little Current (Hwy 6) and the June 28 collision in the United Townships of Head, Clara and Maria (Hwy 17). Both happened in good early-summer riding conditions and both involved a second vehicle rather than a single-vehicle loss of control, an important point to note as June marks the start of peak motorcycle season in Northern Ontario.

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

MAP 3: JUNE 2026 CONFIRMED FATAL EVENTS

Map 3. June 2026 confirmed fatal events, labeled by date. Marker size reflects death count (the June 27 event near Pointe au Baril had 2 deaths). Source: OPP / regional media / Ontario 511 / Northern Road Watch.

7. ROAD SEGMENT COLLISION RATE ANALYSIS

The table below shows June-only collision rates (collisions per million vehicle-kilometres, col/MVkm) for 48 of June's 49 collisions (98%). One collision (Hwy 61 near Hymers) is not included: it falls outside the geographic extent of the only defined Hwy 61 segment (Thunder Bay to Pigeon River).

Road Segment	Coll. (Jun)	AADT	Length (km)	Coll. Rate: June (/MVkm)
Hwy 17: Kenora → Manitoba Border	3	3,500	55	0.519
Kenora Area (urban)	2	7,200	25	0.370
Hwy 69/400: Parry Sound → Sudbury	8	7,800	140	0.244
Hwy 17: North Bay → Sudbury	4	8,200	195	0.083
Hwy 17: Pembroke → Mattawa	2	5,000	185	0.072
Hwy 7182: Sec Hwy 559 → Woods Rd, Carling Twp	1	360	8.9	10.404
Hwy 624: Sec Hwy 569 → Catherine/Skead Twp Bdy	1	370	24.5	3.679
Hwy 596: Sec Hwy 641 → Sec Hwy 525	1	710	30.0	1.563
Hwy 560: W Jct Hwy 65 (Elk Lake) → Gowganda Ck	1	550	42.4	1.429
Hwy 502: Hwy 11 → Bearpaw Rd	1	500	48.6	1.372
Hearst Area (urban)	1	3,450	10	0.966
Hwy 129: Thessalon → Chapleau	1	400	150	0.556
Nipigon / Red Rock Area (urban)	1	3,600	20	0.463
Hwy 72: Hwy 17 → Sec Hwy 664, Patricia Corners	1	1,100	60.5	0.501
Hwy 6: Little Current N Lts → Manitoulin/Sudbury Bdy	1	3,500	24.0	0.397
Hwy 17: Thunder Bay → Shabaqua	1	2,000	55	0.303
Hwy 17: Wawa → White River	1	2,200	95	0.159
Hwy 17: Ignace → Dryden	1	2,100	110	0.144
Hwy 71: Fort Frances → Kenora	1	1,240	194	0.139
Hwy 101: Timmins → Chapleau	1	1,200	210	0.132
Timmins Area (urban)	1	9,000	35	0.106
Hwy 11: Longlac → Nipigon	1	1,500	215	0.103
Hwy 17: White River → Marathon	1	2,700	125	0.099
Hwy 11: Hearst → Longlac / Geraldton	1	1,300	265	0.097
Hwy 17: Mattawa → North Bay	1	5,700	65	0.090
Hwy 17: Shabaqua → Ignace	1	1,800	215	0.086
Hwy 11: Thunder Bay → Atikokan	1	1,800	215	0.086
Hwy 144: Sec Hwy 560 → Hassard-Doyle Twp Bdy	1	1,300	85.3	0.300
Hwy 17: Dryden → Kenora	1	3,200	135	0.077
Hwy 17: Espanola → Blind River	1	5,500	110	0.055
Hwy 17: Sudbury → Espanola	1	8,800	70	0.054
Thunder Bay Area (urban)	1	16,000	40	0.052
Hwy 17: Blind River → Sault Ste. Marie	1	5,200	145	0.044
Greater Sudbury Area (urban)	1	22,000	45	0.034

Formula: $R = \text{collisions} \div (\text{AADT} \times 30 \text{ days} \times \text{segment length km}) \times 1,000,000$.

SEGMENT OBSERVATIONS

Among segments with more than one June collision, Hwy 17: Kenora to Manitoba Border is the most statistically meaningful signal, with 3 collisions (including the June 2 fatality) for a rate of 0.519/MVkm, consistent with the broader Kenora-area cluster discussed in Sections 3A and 4. Hwy 69/400: Parry Sound to Sudbury carries the highest raw collision count (8) but a moderate rate (0.244/MVkm) once its relatively high AADT (7,800) is accounted for; the corridor's June problem is concentrated in fatality severity (Section 3B) rather than elevated crash frequency relative to traffic volume.

8. KEY FINDINGS

- F1: Eight fatal collision events were recorded in June 2026, resulting in nine deaths. That's double May's count (4 events, 4 deaths) and is the second-highest monthly fatality total in the 2026 dataset after April (7 events, 10 deaths).
- F2: Highway 69 recorded only 6 collisions but 3 fatal events (50% of its own collisions) and 4 deaths, the highest fatality concentration of any corridor in June, consistent with the pattern identified for this corridor in the Spring 2026 Seasonal Report.
- F3: Highway 17 recorded 24 of 49 June collisions (49%) and 82h 16m of closure time (40% of the network total), the most concentrated single-corridor share recorded in the 2026 monitoring period, driven by a geographically dispersed set of incidents rather than a single hotspot corridor.
- F4: The June 8 collision near the Pagwa River Bridge (Hwy 11, Longlac-Hearst corridor) produced the longest closure of the month at 1,000 minutes (16.7 hours) and was confirmed to involve a commercial motor vehicle, one of only two June fatal events network-wide confirmed to involve a commercial vehicle (the other being the June 2 Highway 17 collision near Kenora).
- F5: The repeat-location rate reached 51% (25 of 49 collisions), the highest monthly rate in the 2026 dataset, with the Pointe au Baril junction on Highway 69 recording a partial-closure collision on June 25 followed by a fatal collision two days later at the same location.
- F6: Tuesday was June's highest-collision day (11 incidents, 22%), a departure from the weekend-dominant pattern seen in April and May; midday (9am–3pm) remained the leading collision window (31%).
- F7: Only 11% of assessed June collisions (5 of 45) were preceded by measurable precipitation, continuing the dry pattern from May (4%) into early summer.
- F8: Seven forest-fire-related closures occurred in June, the first wildfire-related highway disruptions recorded in the 2026 dataset: five on Highway 144 near Gogama and Mattagami (June 3 to 4) and two on Highway 11 near Atikokan and Temagami (June 30), signalling the seasonal transition into wildfire season.
- F9: Hwy 17: Kenora to Manitoba Border recorded the highest traffic-adjusted collision rate (0.519/MVkm) on 3 collisions including the June 2 fatality, the most statistically meaningful segment-level signal in the June dataset (see Section 7).
- F10: Two of June's eight fatal events involved motorcyclists (Jun 17, Little Current; Jun 28, Head, Clara and Maria), both involving a second vehicle rather than a single-vehicle loss of control, coinciding with the start of peak motorcycle season.

9. 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 (2021 data), drawn from NRW's defined highway corridors and urban zones, supplemented by MTO's full provincial 2021 AADT dataset for highways outside that set (see Section 7).
- LTE Coverage: CRTC mobile coverage data.
- Fatality Confirmation: OPP press releases and regional news media. Fatalities are not sourced from 511 alone. They are identified by cross-referencing incident records with publicly available OPP reports and news articles. All eight June fatal events have been confirmed this way.

COVERAGE AREA

This report covers all provincial highways in the Northern Road Watch monitoring network, spanning Northern Ontario from the Parry Sound and 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. All 49 June collisions had duration data recorded and a 'Resolved' status at time of export.
- Repeat Locations: Incidents are flagged as repeat-location if a prior event occurred within approximately 500m of the same GPS coordinate in the 2026 monitoring period (from Feb 15, 2026).
- Collision Rate per MVkm: $R = (C \div (V \times D \times L)) \times 1,000,000$, where C = collision count, V = AADT, D = number of days in the study period (30 for June-only), and L = segment length in kilometres. This mirrors the formula used in prior NRW monthly and seasonal reports.
- Segment Definitions: Section 7 primarily uses NRW's defined highway corridors and urban zones (69 sections totalling 6,759 km, AADT from 2021 MTO data), supplemented by MTO's full provincial 2021 AADT dataset for highways outside that set. Each June collision was assigned to a section by matching its recorded location; matches against the provincial dataset are by named location rather than GPS coordinate and are flagged with an asterisk in Section 7's table. One collision (Hwy 61 near Hymers) remains unmatched to any defined segment.
- HWY 7182 Designation: Reflects the road number as recorded verbatim in the Ontario 511 source feed for one June event near Nobel/Shawanaga. NRW publishes 511 data as reported rather than reclassifying non-standard designations.
- Fatal Crash Cross-Reference: Fatal crash flags are cross-referenced between the 511 event records and independent OPP and media research conducted for this report. All eight fatal events listed in Section 6 have been corroborated this way prior to publication.

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.

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

Northern Ontario's independent highway monitoring platform | northernroadwatch.ca

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