

JANUARY 2017

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Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

2016
Water temperature 150 metres below the surface in the Gulf of St. Lawrence averaged 6°C in 2015, the warmest in 100 years. Canada Department of Fisheries and Oceans said the warmer temperatures will be a boon for some fish and marine species, and prove less hospitable to those that favour colder waters, like snow crab, halibut, and shrimp.

1

New Year's Day
Last Day of Hanukkah

75 Years Ago 1942
Heavy rains, mild temperatures and melting snow swelled creeks in the Sussex region of New Brunswick at an alarming rate. Water from a flooding Ward's Creek spread debris up Main Street.

2

25 Years Ago 1992
A massive snow avalanche in the Copper Mountain range just southeast of Terrace, BC, asphyxiated 2 snowmobilers. Strong winds (80 km/h) and whiteout conditions prevented recovery until the next day. Using small spruce trees for probes, 5 surviving riders could only penetrate half the depth where the victims were found. Recent warm and wet weather and strong south winds had overloaded north-facing slopes.

3

Perihelion 9:17 EST

2015
Blackouts in Montréal and across Québec impacted 150,000 households, due to winds of up to 80 km/h combined with an ice build-up on tree branches and power lines. Freezing rain of 20 mm, on top of 30 cm of snow, left Québécois digging and chipping away for the better part of 3 days. Hospitals experienced several ER visits for wrist and ankle injuries due to falls.

4

First Quarter

2015
Snow, heavy rain and freezing rain pounded BC's South Coast. On the Sea-to-Sky Highway, slick roads and snow slowed traffic, while other highways had to be closed due to avalanches and rock slides. Kelowna was heaviest hit with 34 cm of snow – just shy of a 2-day record of 39 cm set in December 1949. The weather was welcomed at local ski hills starved of natural snow.

5

Full Moon

75 Years Ago 1942
High winds whipped snow and made driving treacherous across southern Ontario, stranding motorists and forcing cancellation of several hockey and curling matches. Furnaces ran full blast all night but homes stayed cold. Travellers abandoned their cars and residents dependent on natural gas for heating and cooking worried when gas pressure fell, forcing a fuel shortage.

6

Epiphany

75 Years Ago 1942
The flow of water over the American Falls was completely cut off by an ice bridge extending from the base of the Horseshoe Falls to a point below Rainbow Bridge. Electricity supplied to 21 factories, including war industries, was cut by 35% as the Niagara River was clogged with slush, preventing water from reaching power plant intakes to turn the generators at full capacity.

7

1982
Six hours before rattling began in Red Bank, NB, the family's mongrel dog Fluffy began stirring. Around 3 AM, Fluffy became terrified and began scratching ceaselessly at her masters' bedroom door. People from as far away as Dartmouth, NS, and the Gaspé, QC, reported their dogs and cats going crazy when the tremors started, but Fluffy seemed to have advance notice.

8

2016
The return of cold air marked by strong winds gusting over 100 km/h caused 2 brick walls in Montréal to collapse and triggered numerous power outages for thousands of Québécois. Strong winds also caused damaging storm surges in the Gaspé Region and along the St. Lawrence North Shore. The boardwalk in Percé was nearly ruined.

9

2011
Police raided a home in Gatineau, QC, thinking the smell and a lack of snow on the roof of the 150-year-old dwelling indicated a marijuana grow-op. The owner insisted a skunk had recently moved into a nearby small building and, indeed, the smell was a skunk. It had inhabited the small building about 10 days earlier when the weather had warmed up.

10

2016
Strong winds and rain/snow wreaked havoc in the Maritimes, knocking out power to thousands and making a dangerous commute for others. In Sydney, NS, wild winds tore off the roof of a home built more than 80 years ago. The building's asphalt sheathing ripped off and became entangled in power lines. The structure, a neighbourhood eyesore, was still standing after the storm.

11

Full Moon

1903
A father left Queensport, NS, to go 12 km across the Barents to Cole Harbour, accompanied by his 3 children. A blizzard sprang up and he left 2 children behind, protected by his overcoat and some boughs. He went for assistance carrying the third child. When help finally arrived, the 2 children were found frozen to death.

12

Answer on inside back cover

QUIZ
Which group accounts for most of the victims from avalanches?
1) park wardens
2) snowmobilers
3) backcountry skiers
4) mountaineers
5) hunters

13

25 Years Ago 1992
Freezing rain, storm-force winds, heavy snow, and rapidly falling temperatures walloped southern and central Ontario. The foul weather caused 500 automobile accidents. Ploughs and sanders were taken off roads. Cold and snow seized up fuel pumps at gas stations. Even the Metro Zoo, which prides itself on being open every day except Christmas, had to close its doors.

14

50 Years Ago 1967
At the end of a warm chinook in southern Alberta, winds ushered in an abrupt change of temperature from 6°C to -22°C. The strong wind gusts of up to 86 km/h resulted in thousands of dollars in property damages, including buildings ripped apart and trucks blown off highways.

15

150 Years Ago 1867
The Moira River in Belleville, ON, rose nearly 2 m, flooding both sides of Front Street. The water flowed through the front door of many dwellings, forcing occupants to escape to the second storey. Waters flowed under an ice wedge at the mouth of the river, where, for want of a dredge, it was firmly blocked by sawdust accumulating in the harbour.

16

50 Years Ago 1967
Snowstorms, high winds, and cold gripped most of Ontario and contributed to a plane crash near Sault Ste. Marie. At Cardinal on the St. Lawrence River, high winds broke the 3,600-tonne freighter *Prindoc* adrift from its winter berth. It travelled 2 ½ km before an engineer was able to drop 2 anchors, bringing it to a halt 5 km upstream from the Seaway's Iroquois Lock.

17

50 Years Ago 1967
Torrential rains and heavy snows caused flooding in BC's Lower Mainland. In the Fraser Valley, wet snow cut telephone services to 600 subscribers. In Victoria, heavy rain flooded roads and basements and left 30 cm of water across the parking lot at the Victoria International Airport. Electric power was out in Port Renfrew, and Sidney streets were 60 cm under water.

18

Last Quarter

1904
For 10 days, temperatures dipped below -40°C in the Yukon; one morning it was -50°C. So intense was the cold on the Dawson to Whitehorse trail that stagecoach drivers and horses bled profusely from the nostrils. The weather turned bitterly cold, and old-timers around Crooked Creek, YT, said the wind would "blow the hair off a dog."

19

2016
A dangerous mix of open water and piles of frazil ice and small chunks of ice led to flooding at a campground along the Gatineau River in Gracefield, QC, 100 km north of Ottawa – more typical of spring than winter. The current carried ice floes downstream until they jammed and formed an embankment holding back the water. A dozen buildings, mainly cottages, flooded.

20

100 Years Ago 1917
The Edmonton Bulletin called it a test of religious convictions: whether to brave frostbite to attend church or stay at home. To the credit of Edmontonians, church attendance was very good on the coldest morning of the winter. The newspaper reported the temperature as "33 less than nothing," along with an "icy edge to the breeze" that penetrated any sort of protection.

21

100 Years Ago 1917
Heavy snow of 25 cm stopped everything across Cape Breton Island, NS. The daily express train took 2 days to get from Sydney to Glace Bay. The tram line was tied up for 8 days. Three snow ploughs, coupled together, struggled up Commercial Street in Glace Bay, leaving behind snow piled to the tops of store windows.

22

150 Years Ago 1867
Across PEI, snowbanks were so tall that shopkeepers didn't open their doors, and the few women who ventured out got stuck in the snow and needed help. Mail was interrupted for a week. Dogs resembled moving snowballs – when a passerby poked something dark sticking out of the snow with his shillelagh, it growled. Some citizens called for a tunnel to the mainland.

23

25 Years Ago 1992
A major storm brought snow, rain, freezing rain, and winds gusting in excess of 100 km/h to the Maritimes. High winds tossed small planes about and caused power outages and transportation disruptions. Storm damage included the collapse of a 5-storey apartment building under construction in Dartmouth, NS, and flooding from pack ice in the Antigonish area.

24

50 Years Ago 1967
In all, about 4,000 residents of the Red River Valley remained without heat following a fiery, bellowing natural gas explosion near Otterburne, MB. It didn't help that treacherous winter conditions had closed highways south of Winnipeg. One resident used an electric fireplace and two portable space heaters to keep his home warm in temperatures near -30°C.

25

25 Years Ago 1992
Iqaluit, NU, set a new record low temperature of -44.8°C. Low temperatures were accompanied by brisk winds, causing a wind chill below -50 and making outdoor activities and travel extremely dangerous, as exposed skin froze in less than a minute. The next day, the afternoon high rose to -40.4°C with ice crystals filling the air and ice fog obscuring the surface.

26

75 Years Ago 1942
Relaxation of wartime censorship permitted news of the first of 2 major blizzards hitting the Maritimes. The storm dumped 15 cm of snow, halting transportation and causing at least 2 deaths. On Cape Breton Island, NS, the storm was the worst in 10 years, isolating towns in the area. All of the collieries had to stop operations because workers could not get to work.

27

100 Years Ago 1917
The local newspaper headline in BC read "Jack Frost and Miss Snow blow into Vancouver." Winds of 38 km/h made it feel colder. Sleigh bells, rare in Vancouver, were heard, and several livery firms did a booming business in sleigh rides. The winds were especially vigorous on the water and boats encountered unusually rough seas, though no accidents were reported.

28

100 Years Ago 1917
A large thermometer with Fahrenheit and Celsius markings that hung on Jasper Avenue in Edmonton, AB, read -42°C. All day and night, hundreds of passers-by incurred frostbitten noses, ears, and cheeks to check the temperature. Druggists were called to treat several frostbitten victims.

29

50 Years Ago 1967
It snowed heavily between Prince Rupert and Terrace, BC, and, with the accompanying mildness, the weather triggered 6 snow slides. Rail traffic was delayed by 2 large slides near Usk. A westbound freight train derailed in a snow slide 39 m long and 8 m deep. One engine and 13 wheat cars blocked the highway and a second engine went into the Skeena River.

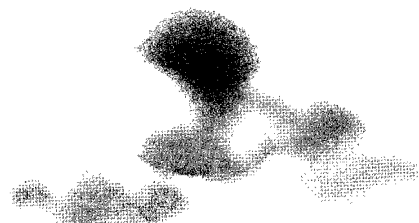
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25 Years Ago 1992
Atlantic Canada was in the midst of a week-long snowstorm. In Halifax, NS, snowfall totalled 74 cm – the most since 1960. A woman went into labour and the baby's father drove on the wrong side of the street to pass stalled vehicles. On hearing the baby's first cry, he rear-ended a car and the driver escorted them to the hospital, where a doctor cut the umbilical cord in the parking lot.

31

New Moon

Chinese New Year (Year of the Rooster)



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FEBRUARY 2017

Sunday

Monday

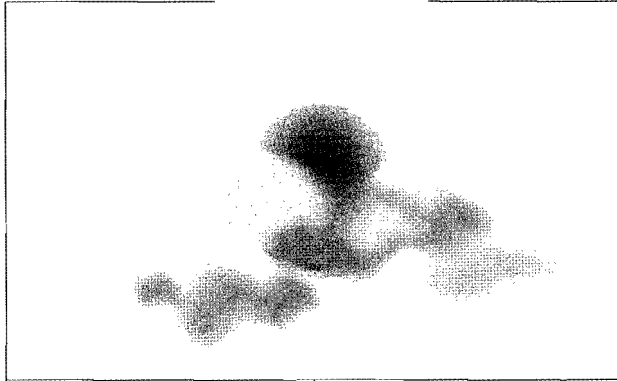
Tuesday

Wednesday

Thursday

Friday

Saturday



2015
 A series of low-pressure systems with ample rain and snow affected Newfoundland. Total snowfalls exceeded 50 cm in Stephenville and Deer Lake and 70 cm at Cow Head. A warmer Burgeo got 63 mm of rain. Wind gusts exceeded 110 km/h. Over southeastern Labrador, north-easterly winds intensified and blew falling snow into drifts before changing to rain.

150 Years Ago 1867
 The ice on a Northern Québec river was 35 cm thick when a resident crossed over to the other side, "being the first time that any of us from the Post has set foot on the opposite shore."

75 Years Ago 1942
 Heavy snows, strong winds, and severe cold played havoc with transportation across Ontario. Bus services were curtailed, trains disrupted, and utility services cut for long periods. A new bride assisted at the birth of a baby near Brampton, where 30 people took refuge from the storm. In Toronto, 19 cm of snow grew into hummocks of ice that defied even the heaviest ploughs.

150 Years Ago 1867
 A drenching rainstorm combined with fast-melting snow raised streams to flood stage in southern New Brunswick. The strong current pushed small buildings off their foundations and destroyed several bridges, including a suspension bridge at Norton. Two days later, temperatures plunged more than 20 degrees, encasing roads and rail lines in ice.

25 Years Ago 1992
 Another storm forced most businesses and schools in eastern Newfoundland to close, as wind gusts to 120 km/h reduced visibility to near zero in snow and blowing snow. Heavy pack ice and strong winds also caused major disruption to marine shipping.

2015
 Yukon Musers embraced the -45°C temperatures along the 1,600-km Yukon Quest route. The cold forced 19 dogs out of the top 10 teams. The Yukon Arctic Ultra, a brutally tough bicycle, ski, and foot race, lost its lead runner to a severe case of frostbite. One frostbitten runner suffered painful sores and doctors sought to save his blackened fingers from amputation.

2015
 With British Columbia in perpetual spring, mountain snowpack was at the lowest depths ever seen. As expected, the mild temperatures, strong winds, and heavy downpours were a huge disappointment for snow enthusiasts. With mud and rock exposed, zip-line trails replaced snow tracks and hikers vastly outnumbered skiers.

50 Years Ago 1967
 At Toronto, ON, a record low of -26.7°C disappointed organizers of a 4-hour hike by the Metro Toronto and Region Conservation Authority north of Woodbridge. The authority expected 300 participants, but only 42 hiked. However, 9 boy scouts camped overnight in tents in a park across from City Hall to mark the beginning of a recruiting campaign.

125 Years Ago 1892
 Following an unusual outbreak of sunspots, a brilliant display of northern lights (the best in 20 years) was seen in Montréal, QC, shortly after sunset. The magnificent display featured a bright red cone of light at its base with slow-moving streamers of vibrant reds and greenish tints that at times extended throughout the whole northern quarter of the sky.

2015
 In the first 2 months of the year, Iqaluit, NU, registered 14 days with wind chills below -50, including -68 when the air temperature dipped to -43.1°C and the wind blew at 57 km/h. With such dangerous conditions, authorities were forced to close schools. Minimum temperatures normally drop to -30°C on 36 days in January and February. In 2015, there were 56 days below -30°C.

25 Years Ago 1992
 A messy storm of wet snow, freezing rain, and rain caused havoc on Ontario roads from Windsor to Ottawa and as far north as Muskoka. A rare February evening thunderstorm was also part of the mix.

50 Years Ago 1967
 The National Ballet enroute from Chicoutimi, QC, vanished at 2 PM in a blizzard. The caravan carrying the company's scenery and 50 dancers got stuck 50 km from Sherbrooke. A bus slid off the highway into a ditch and dancers ran to nearby farmhouses and borrowed shovels to dig out. The cancellation of the evening performance was the company's first in 5 years.

100 Years Ago 1917
 Calgary, AB, police vans came to the rescue of students in outlying schools to take them home. The temperature fell from 13.3°C to -27.8°C under a cold north wind. In Winnipeg, MB, the worst blizzard in years crippled streetcar service and delayed all railway traffic. Downtown hotels were crowded with those who did not relish the long walk home.

150 Years Ago 1867
 A week-long thaw and heavy rains caused ice-clogging flooding on the Grand River in Ontario. Waters filled most of the cellars in lower Perth East, ON, overflowing the Agricultural Society's grounds and threatening local mills and machine shops on the flats. Ice coming down Smith Creek grazed the street bridge.

25 Years Ago 1992
 In the midst of the worst blizzard in decades to hit the Maritimes, fire tore through 5 businesses in Charlottetown's downtown core, leaving almost an entire city block in ruins. Church services were cancelled across the Island. Moncton, NB, set a new one-day snowfall record of 83 cm. All Maritime transportation came to a standstill.

25 Years Ago 1992
 BC residents were recovering from the previous day's storm in which winds along the coast were responsible for knocking out power to about 65,000 homes. Heavy rains caused a mudslide in the south Delta area, which shifted a clubhouse a metre off its foundations. Also, 13 vehicles were damaged by a 30-metre section of aluminum that was torn off a bingo hall.

1962
 The worst blizzard to hit Saskatoon in years filled roads and lanes with 30 cm of fresh snow, causing drifts 1 to 2 m high. City officials said it would take 2 weeks to dig out. An ambulance was stuck for 12 hours and never reached its destination. A bus from Prince Albert got bogged down in deep drifts for 18 hours. Passengers were fed from nearby farmhouses.

25 Years Ago 1992
 A motorist found out how Seal River got its name when he drove into a 500-kg grey seal near Vernon Bridge, PE. The seal was headed for the North Shore in search of open water.

Groundhog Day

First Quarter

Full Moon

QUIZ
In 1880 what was Canada's most popular sport?

- 1) hockey
- 2) snowshoeing
- 3) puddle jumping
- 4) tobogganing
- 5) ice fishing

Answer on inside back cover

1965
In Parry Sound, ON, police thought it would be smart to have cars removed from streets so crews could clear a record 75 cm of snow. But a sound truck asking motorists to remove their cars got stuck. A reporter who telephoned the OPP to ask about conditions on Highway 400 was told: "When we find it, we'll let you know."

Family Day (BC)
19
2015
A toddler in Toronto, ON, clad only in a diaper, a thin T-shirt, and a pair of boots, froze to death when temperatures dipped to -22°C with a wind chill of -30. For the homeless, the bitter cold made a hard life harder. Hospitals were pushed to handle more cases of frostbite and hypothermia. The winter's duration led to increased reports of depression and anxiety.

Louis Riel Day
Family Day (many regions)

26
25 Years Ago 1992
An intense winter storm with blowing and drifting snow reduced visibilities to near zero about 45 km east of Trois-Rivières, QC. Poor driving conditions resulted in a major highway accident involving 27 cars, 4 tractor-trailers, and 2 ten-wheelers. Two people died and 15 were injured in the accident.

Valentine's Day
20
50 Years Ago 1967
The trawler *Cape Bonnie* foundered on the rocks of Woody Island, NS, during a storm that claimed the lives of 18 fishers. The trawler was heading home to Halifax with 32,000 kg of fish after 10 days fishing. The crew abandoned the stricken vessel for dories or by jumping into the frigid water. Two other fishing vessels sank off Nova Scotia, losing another 15 men.

27
125 Years Ago 1892
With perfect weather and plenty of seals, hunters from Trinity Bay, NL, ventured farther out on the ice in the bay than usual. A blinding snow storm soon encompassed the entire fleet of boats. Some fishers were so disoriented that they rowed in the opposite direction from land and were lost. Survivors arrived home frozen and weak. Twenty-five men perished that night.

National Day of Canada Day
21
100 Years Ago 1917
The Yukonia Hotel went up in flames in Dawson City, YK. The temperature was -36.7°C. In those days, fighting fire in winter was difficult. The buildings abutted one another so there was little chance of stopping the flames. Every time a gambling hall burned down, miners would run the remains through a rocker to pick up gold dust dropped by gamblers.

22
2015
Montréal, QC, received 1,000 calls from residents complaining of frozen pipes. February's average temperature was -15.2°C, eclipsing the previous record of -14.1°C in 1943 and 1979. Montréalers didn't experience a melting temperature for 43 consecutive days between January 20 and March 3. In Québec City, it was the coldest February since 1889 when its observing program began.

Valent's Montage Day
23
50 Years Ago 1967
Winds of 80 km/h across Central Ontario whipped fine snow into drifts in whiteouts. A Bracebridge teen, stranded when his snowmobile broke down and found by his brother, crawling on his hands and knees, was taken to hospital suffering severe frostbite to his hands and feet. Snow drifts trapped a school bus carrying 30 children for 8 hours in Lindsay.

East Quarter
24
2015
The Canadian Coast Guard icebreaker *Amundsen* was on standby in the Cabot Strait as ice conditions worsened. Ice had slowed the progress of ferries travelling between Port aux Basques, NL, and North Sydney, NS. Ice was anywhere from ½ m to 2 m thick, and pans were between 500 and 2,000 m wide.

25

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MARCH 2017

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Sunday

Monday

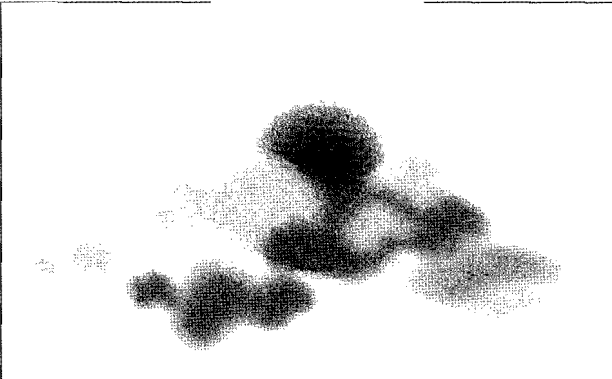
Tuesday

Wednesday

Thursday

Friday

Saturday



5
2011
With snow, rain, and wind striking more frequently and severely than normal, property damages mounted in the Maritimes. A Fredericton, NB, resident was cooking supper when he heard a couple of popping noises. The snow-laden carport roof collapsed and flattened his quarter-tonne pickup truck. Moncton's salt dome collapsed. On PEI, snow loads caved-in several barns.

First Quarter ●

6
100 Years Ago 1917
Québec City, QC, experienced its worst storm of the season when all rail and water traffic was shuttered. In total, the 3-day storm brought 34 cm of snow whipped into huge drifts by 38 km/h winds. On the south shore, not a wheel turned on any of the railroads.

7
75 Years Ago 1942
The S.S. *Independence Hall*, with tins of sodium as cargo, grounded on Sable Island, NS. Within hours, massive ocean waves broke the ship in two, sending 9 men overboard. Two years later, as gales continuously uncovered the tins, they would rise to the surface and wash ashore. Curious beachcombers were often injured after accidentally causing the tins to explode.

8
25 Years Ago 1992
Freezing rain and slippery roads led to at least 35 car accidents in southern New Brunswick, mostly fender benders. Water draining from yards rushed across city streets, making driving treacherous. Several residents reported flooded basements following 80 mm of rain over 2 days, with rain water seeping through windows. Firefighters had to chop escape channels to relieve flooded backyards.

9
25 Years Ago 1992
Freezing rain fell for a 10-hour period over the Burin Peninsula, NL, damaging 80 utility poles and knocking out power to 1,000 residents for nearly 2 days.

10
125 Years Ago 1892
In Ottawa, ON, heavy wet snow covered wires and tree branches to a thickness of 75 mm, creating a tremendous weight that brought down wires and poles. From one end of Rideau Street to the other, new telegraph posts were snapped off, splintering like matches. In some cases, large pieces of timber dangled above frightened pedestrians and smashed into windows.

11
25 Years Ago 1992
Environment Canada issued Canada's first weekly ozone warning, a service to help Canadians decide whether to take precautions such as wearing a hat, sunscreen, or sunglasses to protect themselves from ultraviolet radiation. The first report showed ozone levels in western Canada at 15% below average and in the rest of Canada at 5% below the 20-year average.

12
25 Years Ago 1992
In Montréal, QC, mild weather and rain rapidly melted the snow. The runway at tiny Bédoulet airport flooded, damaging hangars and aircraft. South of Montréal, an ice jam in the St. Pierre River overflowed in St. Constant, forcing hundreds of families from their homes when streets and basements flooded. City employees had to break up pavement to facilitate water drainage.

Daylight Saving Time Begins ●

13
2015
A week before spring, a southwesterly flow of warm dry air blanketed the Prairies. With no snow cover, record-high temperatures occurred in Saskatchewan at Estevan (17°C), Leader (19°C), and Maple Creek (21°C). In Manitoba, Portage la Prairie climbed to 17°C, while Winnipeg warmed to 13°C – both new records. With temperatures around 16°C in Calgary, AB, three golf courses opened.

14
QUIZ
Which term is not part of a meteorologist's vocabulary in Canada?
1) blizzard
2) sleet
3) squall
4) snow grains
5) snow shower

Answer on inside back cover

15
2015
With spring just days away, winter-weary Maritimers battled yet another nasty storm. Organizers of the St. Patrick's Day parade in Halifax, NS, cancelled the event because streets were choked with so much ice and snow, floats wouldn't be able to manoeuvre the narrow streets. Many local pubs and restaurants went ahead with St. Patrick's Day reveling to standing-room-only crowds.

16
75 Years Ago 1942
Rising 4 to 5 m above normal, the Grand and Conestogo rivers overflowed their banks in Waterloo County, ON, after heavy rains. Standing water slowed travel on rural roads and kept children away from school. Cows stood in 15 cm of water on some farms. Rural mail service was suspended and flood waters carried away the railway bridges at Elmira and West Montrose.

17
75 Years Ago 1942
Lightning struck a woman from Sarnia, ON, while she was talking to her sister on the telephone. A telephone operator heard her scream and called neighbours, as did her sister. The charge paralyzed her right arm, face, and neck. She wasn't able to speak for nearly a week.

18
50 Years Ago 1967
Shortages of coal and milk were reported in Sydney, NS, after streets became blocked with drifts 3 m high, following 3 snowstorms in one week (88 cm). When householders ran short of coal, the Dominion Coal Co. opened its retail depot on Sunday. The weekend blizzard was followed by record low temperatures. The same storm moved on to Newfoundland, blocking highways and stalling trains.

1
1904
A storm dumped 24 cm of wet snow on Toronto, ON, cutting power to the railway system and forcing thousands of workers to walk home. The wind swept streets clear at the corners, but in the centre, snow was piled up like haystacks. One of the largest buildings lay in ruins when one metre of wet snow crushed the roof and damaged about 20 vehicles inside.

Ash Wednesday

2
2015
Snow whipped by fierce winds and a dose of freezing rain created massive power outages across Toronto, ON, and the GTA, affecting more than 250,000 residents. It was Toronto's fourth major power outage in 3 years. It was caused by inclement weather, as well as a mix of road salt and ice that adhered to hydro equipment and caused more than 50 hydro poles to catch fire.

3
2015
At Toronto (ON) Pearson International Airport, no melting temperature was registered in February. Downtown, it was the only month since 1840 without an above-freezing temperature. The absence of any melting went on for 37 consecutive days. Toronto has never experienced a colder month. In the end, February was colder in Toronto than Edmonton, AB.

4
100 Years Ago 1917
The temperature in Edmonton, AB, had a touch of spring to it, reaching 6°C. Some residents spent the day flipping through seed catalogues and cleaning their golf clubs. Only 4 days earlier, temperatures dipped close to -30°C. While the cold returned, many residents felt the backbone of the winter had been cracked and that the season of spinach and sweet peas was not so remote.

<p>2015 At times, ice pans on the East Coast ranged nearly a metre thick and 2,000 m wide. Eight icebreakers worked the Atlantic region, and even these powerful vessels had difficulty keeping ferries operating. For fishers, the persistent ice inshore adversely affected the spring crab, oyster, and lobster and scallop fisheries. Some said it was the worst ice and snow conditions they had ever seen.</p>	<p>19</p> <p>125 Years Ago 1892 The vessel <i>Sylvan</i> from Barbados confronted gales and snow storms before striking Trinity Ledge, NS. The crew of 16 took to the only lifeboat available in a terrific sea. After daylight, they landed near Cranberry Head Point, each man jumping for his life. Five were lost, hurled into the boiling sea, stunned, bruised, and drowned. The others reached the shore half-drowned and half-frozen.</p> <p>Spring Equinox 6:28 EDT Last Quarter</p>	<p>20</p> <p>75 Years Ago 1942 Weather continued to hamper the Scots Fusiliers of Canada's recruiting program in Kitchener, ON. Only a small crowd braved the cold winds to hear the band concert across from the armouries. Events planned for City Hall square were postponed due to rain, snow, and freezing temperatures. Despite this, several men enlisted, and the next day several more took a medical examination.</p>	<p>21</p> <p>25 Years Ago 1992 A major storm dumped 59 cm of snow in metre-high drifts across Cape Breton Island, NS. Whiteout conditions forced shutdown of the Canso Causeway and Sydney Airport. Cancellations included everything from church services and bingo to flea markets and schools. In Newfoundland, winds gusted to 132 km/h at Burgeo, and high seas disrupted ferry service to Nova Scotia.</p>	<p>22</p> <p>100 Years Ago 1917 The wind hit Edmonton, AB, so hard that it took one's breath away. The mighty winds blew such that signs creaked, awnings flapped and, in some quarters, fences were flattened. The chief sufferers were the hats of men and the "lids" of ladies by the score. The gale only lasted a few minutes but it made things interesting while it lasted.</p> <p>World Meteorological Day</p>	<p>23</p> <p>100 Years Ago 1917 Gale winds of 113 km/h hit the SS <i>Prince Rupert</i>. The vessel was travelling to the small inlet community of Anyox, BC, but ran onto the rocks off Glenn Island in poor visibility. Passengers were able to walk safely to shore.</p>	<p>24</p> <p>75 Years Ago 1942 The winter's worst blizzard blocked roads and tied up traffic in Minnedosa, MB. A foot of snow covered the ground, and strong winds created huge drifts. In Winnipeg, mixed rain and snow froze on car windshields. Winnipeg chalked up a 24-hour March rainfall that was the highest in at least 64 years and swelled water levels on the Red River 1 m in 3 days.</p>
<p>2013 A building in Melville, SK, collapsed under the weight of heavy snow. The Community Publishing Building came down. Fortunately, no one was inside at the time.</p>	<p>26</p> <p>75 Years Ago 1942 A blizzard hit hard in western and southern Manitoba, suspending most bus travel with 30 cm of fresh snow. Twelve people were injured in Portage la Prairie when an eastbound passenger train ran into the rear of another passenger train. In Winnipeg, the sudden drop in temperature brought the usual crop of chimney fires. Even 4-horse-drawn sleighs had a tough time getting through.</p>	<p>27</p> <p>2008 Sixteen boats carried 100 hunters from Îles de la Madeleine (QC) toward a large seal herd in the Cabot Strait between Nova Scotia and Newfoundland; 3 boats struggled in the heavy ice and 2 icebreakers were sent to assist them. Harp seals have good pupping seasons when ice is heavy, unlike 2007, when sparse, thin ice caused high mortality. The East Coast has over 5 million harp seals.</p>	<p>28</p> <p>2015 A Halifax-bound Air Canada flight from Toronto, carrying 133 passengers and five crew, crash-landed and bounced off the snow-covered runway at Halifax (NS) International Airport. Earlier in the evening, snow caused poor visibility, and wind gusts exceeded 100 km/h. Passengers huddled together for an hour in -15 wind chill and 25 were transported to hospital.</p>	<p>29</p> <p>50 Years Ago 1967 Saskatchewan residents were digging themselves out after a 2-day storm left up to 33 cm of snow. Winds reached 70 km/h and visibility fell below 1 km. Three teenagers were stuck inside a phone booth on Saskatoon's outskirts for 6 hours. The Saskatoon transit system cut service before midnight and spent hours returning stranded units to the garage.</p>	<p>30</p> <p>100 Years Ago 1917 Streets flooded by the spring thaw the previous day meant a funeral in Turcot, QC, near Montréal, had to be conducted in boats. The police, taking charge of the funeral arrangements, secured the boats and took them to the home of the deceased. The boat conveying the casket was rowed through the streets followed by ten boats till higher ground was reached.</p>	<p>31</p>

MARCH

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MAY

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APRIL 2017

Sunday

Monday

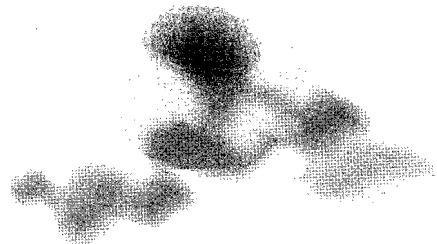
Tuesday

Wednesday

Thursday

Friday

Saturday



50 Years Ago 1967
A bush pilot who landed his aircraft in nasty weather on a frozen lake 360 km from Yellowknife, NT, was rescued after 58 days in below -50°C temperatures. Three toes on his right foot and 2 on his left had to be amputated. People thought news of his rescue was an April Fool's joke, as he had been given up for dead after 15 days. **1**

1984
Flood waters along the Saint John River (NB) receded. In the hardest-hit town of Perth-Andover, record-high flood waters and huge chunks of ice raced down the main street, forcing 1,200 homeowners, hospital patients, and senior residents to flee to higher ground. Thirteen CP Rail chemical freight cars were moved onto the Perth-Andover rail bridge to provide ballast against the ice jams. **2**

50 Years Ago 1967
A severe electrical storm passed through Kitchener-Waterloo, ON. Heavy rainfall (47 mm in an hour or so) flooded streets and washed out bridges. Damage also occurred to several homes that were struck by lightning. **3**

1943
Great torrents of water spilled into the Red Deer River in Alberta after a number of intense winter storms were followed by balmy weather of 15°C. One resident woke up when the water flooded her bed. Others were alerted by the sound of the ice grinding against the walls of the houses. Some families had to be rescued by boat from the roof of their home. **4**

75 Years Ago 1942
Across Southern Alberta the weather ran the full gamut from balmy spring conditions to dust and snowstorm within the space of a few hours. Shortly before 5 o'clock, a murky bank of dust clouds boiled up and reached the city at 5:10. City officials found it necessary to turn on street lights as the dust-laden air masked the sun, creating a twilight condition. **5**

25 Years Ago 1992
Newfoundland was hit by a late winter storm that brought daily precipitation records: 28.6 cm of snow at Gander, and 24.2 mm of rain at St. John's. On the Avalon Peninsula, 70,000 homes were without power after lines collapsed under heavy ice build-up from freezing rain and 110 km/h winds. The "silver thaw" storm hampered repair crews from climbing transmission towers to replace broken insulators. **6**

QUIZ
What is the best weather for baseball hitters?
1) sunny and clear skies
2) rainy weather
3) cross winds blowing from third to first or vice versa
4) cloudy or overcast skies
5) hot and humid
Answer on inside back cover **7**

150 Years Ago 1867
From the *Ottawa Times*: "In Montréal [QC] some excitement was created by several sleighs crossing the ice from St. Lambert's. The ice is in a very rotten state, and the feat was rather 'fool-hardy.' Nevertheless, it succeeded. A large crowd lined the wharves, to witness the performance." **8**

100 Years Ago 1917
At 5:30 AM, 1,000 guns opened fire and Canadian troops advanced toward Vimy Ridge in France. It was bitterly cold, and a freezing rain and snowstorm — urged on by westerly winds — began as the attack continued. Victory was secured on the 12th. Again, the weather featured driving freezing rain and snow. **9**

150 Years Ago 1867
Following several fine-weather days, Ottawa, ON, streets began to dry up, enabling workers to clean the crossings. The good weather in the nation's capital tempted many ladies "to air a large quantity of dry goods on the streets ... a number of very fine specimens of dress and fancy articles had suffered greatly from mud. The more cautious did not attempt the crossings at all." **10**

25 Years Ago 1992
Fifty thousand Toronto, ON, baseball fans arrived for the Blue Jays opening game. But ice was falling from overhead structures, so the police closed the walkway between the CN Tower and SkyDome, and roped off streets to the east. For the first few innings, ice crashing down from above could be heard amidst the crowd noise. Lightning caused fires and power outages. **11**

50 Years Ago 1967
From an eyewitness account of a tornado northwest of London, ON: "I saw my Volkswagen lifted off the ground. It rolled over and over and came to rest against the house. A new barn was lifted up. There wasn't anything left to indicate where it had once stood. I heard the back wall of the service station crack. Then the whole building fell down." **12**

25 Years Ago 1992
In St. John's, NL, a freezing rain storm persisted for 8 hours, knocking out power and thwarting the travel plans of Portugal's president to Canada. Department store employees piled shopping carts with emergency items: camp stoves, kerosene, lanterns, batteries. If a customer wanted something more, a clerk with a flashlight acted as an escort through the darkened aisles. **13**

1969
In Montréal, QC, the Expos played their first home game in Jarry Park under sunny skies and a comfortable 19°C, with moderate westerly winds at 26 km/h. The most important statistic was an 8-7 victory over the St. Louis Cardinals in the first major league baseball game outside the United States. **14**

2015
A warm upper ridge brought above-normal temperatures to much of the Northwest Territories in the first half of April. Among the new record-high temperatures was 17.7°C at Fort Smith and 11.1°C at Yellowknife. In the Mackenzie region, average temperatures in March, April, and May made for the third-warmest spring in 68 years, at almost 3.5°C warmer than normal. **15**

First Quarter

First Day of Passover

<p>125 Years Ago 1892 Called a rare old-time blizzard by locals in Manitoba, the storm packed wind gusts of 150 km/h – strong enough to take down wires and poles. Electric streetlights disappeared and other modern conveniences were destroyed. Large buildings vibrated but luckily did not collapse. All telegraph service in the western part of the province was crippled when miles of poles blew down.</p>	<p>50 Years Ago 1967 A tornado ripped a 90-km path through southwestern Ontario, killing one man. Near Hensall, more than 100 pupils crouched on the floor while suction from the twister tossed around furniture. Two teenagers said a gun-club roof flew 120 m straight up, then chased them. The insides of a piano were ripped out and scattered across a field. The piano's shell stayed in the building.</p>	<p>1982 At Sherbrooke, QC, the St. Francis River peaked at its highest level since records were first kept in the 1880s. Firemen evacuated 300 residents. The Eaton River, usually about 17 m wide, swelled to ½ km across. The rising waters flooded barns and drowned a herd of prize Holsteins. In Ascot-Corner, the only dry place in town was the village swimming pool.</p>	<p>25 Years Ago 1992 Snowfalls up to 42 cm and as much as 85 mm of precipitation caused widespread disruption in south-eastern Saskatchewan and southern Manitoba. Power lines were downed, flights delayed, and traffic snarled. At least 4 traffic deaths were attributed to the Easter Sunday storm.</p>	<p>100 Years Ago 1917 A violent gale from the west, accompanied by a cloudburst, swept over Petrolia, ON, at about 7 PM. The storm lifted the roof of a cement block stable, 18 m by 30 m, from the walls and hurled it into the adjoining yards. It was a close call for the residents of the neighbouring houses. No injury was suffered by the men or horses in the building.</p>	<p>1926 Western Canada baked in a wave of midsummer heat with temperatures reaching record highs. Winnipeg, MB, sweltered at 23°C in the shade. On the east coast, a blizzard of mid-winter character swept across the Maritime Provinces. Nova Scotia was buried under drifts of snow 2 m deep; traffic by land and sea was crippled and, in some instances, stopped altogether.</p>	<p>2002 During a spring snowstorm in Montréal, QC, they gave away free ice cream at Ben & Jerry's ice cream parlour. The crowds weren't as big as the previous year, when the free-cone day for loyal customers took place on May 2 and temperatures soared to 32°C. One appreciative customer said: "The best thing about eating ice cream on a cold day is, it doesn't melt."</p>
<p>Easter Sunday</p> <p>2005 Often called "Canada's banana belt," Windsor, ON, is one of the least snowy cities in eastern Canada. But from November 2004 through April 2005, it received a record 225.5 cm of snow, 100 cm above normal.</p>	<p>125 Years Ago 1892 A spring snowstorm caught lobster fishermen by surprise. At least two schooners were lost at sea, and ports across PEI reported several boats missing or in distress.</p>	<p>1901 A severe wind and rain storm followed the Assiniboine River to Rosser, MB. Boards, straw hats, paper, and window frames were thrown in the air. Cattle were rolled along the ground for a long distance. A coal oil barrel twisted and turned in the air like paper. A large cedar tree was carried some distance and stood, roots up, in the middle of a ploughed field.</p>	<p>125 Years Ago 1892 At the start of a 10-day blizzard in southern Alberta, a Medicine Hat newspaper criticized parents for sending their children to school. "A worse day could hardly be imagined. Immense snowdrifts ran in all directions, and buildings only a few yards distant could not be seen ... the wisdom or propriety of sending children to school by themselves on such a day is questionable."</p>	<p>50 Years Ago 1967 The Expo 67 world's fair opened in Montréal, QC, with an audience of 7,000 media and invited guests, including 53 heads of state. A worldwide audience of over 700 million watched the proceedings that took place under clear skies with moderate north winds of 23 km/h and a temperature of 12°C. Sixty-two nations participated in what was the best attended world's fair to date.</p>	<p>25 Years Ago 1992 Ice jams in Hay River, NT, caused water levels to rise over 3 m above normal, flooding low-lying areas. Residents of the west channel were evacuated for a day. On the east channel, a Coast Guard vessel was forced over its dock by ice, and an airplane, buildings, and stored cargo were damaged.</p>	<p>50 Years Ago 1967 A lengthy snowstorm, beginning on the 27th, gave Lethbridge, AB, a 24-hour snowfall record for any month of 53 cm, and a 3-day storm total of 78 cm. For the first time ever, southern Alberta was declared a disaster area. The US military flew in food, fuel, and feed. The good news for residents: the minister of revenue granted them a 2-week extension for filing income tax.</p>
<p>30 75 Years Ago 1942 A severe electrical storm and torrential rains damaged buildings and homes in the Georgian Bay region of Ontario, and triggered a fire that killed 6 calves.</p>			<p>New Moon</p>			

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MAY 2017

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

125 Years Ago 1892
Warm spring air passing over the cold waters of Lake Erie created a wall of fog that engulfed the *Celtic* – an 18-year-old 48-m wooden passenger and freight carrier. Just east of Rondeau, ON, the Celtic collided with the steamer *Russia*, which sank, killing one crew member. The steamer was beached, only to go down in a gale on Lake Huron 17 years later.

1

50 Years Ago 1967
Thousands of cattle starved and perished on the open range of southern Alberta, unable to forage for food in the deep snow. Poor visibility and bad flying weather prevented mercy helicopters from dropping feed to starving cattle and fuel to cold residents. Further, icing conditions weighted down the helicopters, forcing pilots to wait until the weather improved.

2

1952
Fifteen sportsmen from Winnipeg were feared lost during weekend storms on a lake near the Manitoba–Ontario boundary on the opening day of fishing season. Snow squalls with 70 km/h gusts prevented the men from returning by water or rescue by the RCMP. Many were relieved when the men made their way through 8 km of bush, swamp, and rock to the highway.

3

2015
Continuous northerly winds pushed large amounts of ice from a hard winter against the north shores of Nova Scotia and Prince Edward Island. Veteran fishermen said ice hadn't delayed the fishery like this since 1967. For the safety of all involved, the season opening was delayed. Severe ice also forced the cancellation of the Arisaig Mother's Day Lobster Dinner.

4

1832
From the journal of Rev. William Wilson, a Methodist minister in Bonavista, NL: "... since last November, the frost has been intense. The cries of distress ... are truly appalling. In May, the ice was still in the bay and famine began to be felt among us. Almost every stock of provisions is nearly exhausted. A schooner is in sight ... stuck in the ice. Cows, horses, and dogs are dying from want of food."

5

25 Years Ago 1992
Quebec Premier Robert Bourassa got a warm welcome when he met with Saskatchewan Premier Roy Romanow in Regina under a near record high of 33.2°C – almost double the average high for early May. At the other end of the scale, ministers of constitutional affairs were meeting in Saint John, NB, where snow was still on the ground.

6

First Quarter



QUIZ
Early morning dew or frost is usually a sign of:
1) a sunny day
2) a rainy day
3) a likely thunderstorm
4) fog by late afternoon
5) increasing winds

7

2015
The temperature in Ottawa, ON, soared to 30.7°C. Two weeks later frost hit – something that has never happened before. And it wasn't just a touch of frost; it was six hours with killing temperatures dipping to -3°C.

8

1862
The sky over Lindsay, ON, darkened. At about six o'clock, a distinct pillar of cloud formed, rising to 180 m. It uprooted trees and destroyed 600 m of fencing, scattering the rails immense distances. At one farm all the poultry were mangled and slashed to pieces. At another, winds lifted a wagon loaded with wood in the air before dashing it to pieces.

9

2015
In the Mackenzie region of the NWT, average temperatures made for the third-warmest spring in 68 years at almost 3.5°C warmer than normal. In Fort Simpson, a 5-day heat wave in mid-May broke a 118-year-old record with maximum temperatures hovering around 29°C – 10 degrees warmer than the usual high. Fort Liard was the hot spot with maxima of 30°C.

10

25 Years Ago 1992
Following heavy rain, a waste dump flow slide at Westar Greenhills Coal Mine near Sparwood, BC, swept away a truck and its driver. Over 100 workers and sniffer dogs took part in the search. After almost 2 days, the victim's body and his vehicle were recovered under 4 m of rock. Another slide poured approximately 150,000 m³ of waste rock across a mine haul road.

11

25 Years Ago 1992
Residents of Jean Marie River, NT, fled when their community became surrounded by water owing to an ice jam on the Mackenzie River. Floods shut down the power station, damaged several dwellings, and washed away a third of the airstrip. When the Tethul River flooded east of Fort Smith, NT, concern grew for young buffalo, many of which were isolated by the flood waters.

12

75 Years Ago 1942
The Crownsnest Valley in BC flooded when heavy rain freshets caused the Elk River to rise rapidly and overflow its banks in west Fernie. Both the curling and skating rinks flooded under a metre of water. Mud and rock slides flooded portions of the Hosmer highway and washed out a bridge. Miners at Coal Creek were idle for several days after the power went out.

13

Full Moon



100 Years Ago 1917
At the height of an electrical storm, lightning struck a residence in West Blairmore, AB, setting fire to a building. Several trees nearby were split by the same flash, and falling trees attracted the attention of neighbours who immediately noticed smoke issuing from the roof of the house and summoned the volunteer fire brigade.

14

100 Years Ago 1917
When temperatures in Edmonton, AB, soared above 26°C: "Citizens who were sticking to their winter flannels soon found the said flannels sticking to them. The ladies appeared in white frilly things, gauzy hosiery, clopping big hats, and talcum powder. Towards evening ... a 'young tornado' blew dust in gritty clouds and sent hats flying in all directions, and feminine skirts where 'dressmakers had not planned.'"

15

100 Years Ago 1917
A storm near Viking, AB, accompanied by rain, hail, and wind, was one of the earliest and fiercest to ever occur in Alberta's hailstorm alley. A prize bull was knocked down 15 times before reaching shelter. Near Wainwright, AB, winds hoisted a hack off its foundation, whirling it 3 m above the ground before it landed. Five people buried underneath escaped unharmed.

16

50 Years Ago 1967
Twister-like winds hit Metro Toronto, ON, stirring up dust and scattering debris. A woman grabbed her baby from a stroller, which then became airborne. As she lay on the ground clutching her infant, the wind flattened a second toddler against a fence. The wind eased just as suddenly as it had risen and she rushed both children into an apartment building.

17

25 Years Ago 1992
On the watershed near Attawapiskat, ON, ice jams plus 31 mm of rain and melting snow in 34°C temperatures, led to the decision to evacuate the community. Most of the residents went to Moosonee, although 260 were flown by helicopter or Twin Otter to bush camps in the vicinity. About 200 residents chose to stay and watch large pieces of ice float by their homes.

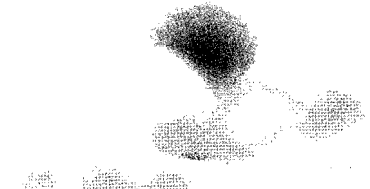
18

2015
On the May long weekend, a slow-moving storm out of Colorado and cold Arctic air brought wind, rain, and a mix of snow, ice pellets, and freezing rain to the eastern Prairies. For Manitoba residents, it was toques and hot toddlers instead of shorts and sandals. On the holiday Monday, Winnipeg got 12 hours of snow in -9 wind chills.

19

100 Years Ago 1917
During a severe evening storm, lightning struck the tower of James Street Methodist Church in Exeter, ON. Near Stratford, tornado-force winds cut across the countryside, demolishing several steel barns. Near Brunner, winds levelled 2 silos and wrecked a tractor. Toward Newton and Atwood, hail broke the skylights on some stores, while water flooded cellars and washed away seeds.

20

<p>25 Years Ago 1992 In northern New Brunswick, May's hot, dry weather fed forest fires. Near Kedgwick, fires ignited by lightning and nourished by strong winds destroyed 3,035 hectares of woodland. It took huge resources to bring fires under control: 350 volunteers, 10 water bombers, 4 helicopters, 32 bulldozers, and numerous mobile water tankers.</p>	<p>21</p> <p>2015 Two major BC highways were closed after a slow-moving thunderstorm caused flooding at Cache Creek. The storms packed hail, lightning, strong gusty winds, and heavy rain. The raging Bonaparte River moved houses and mobile homes off their foundations and swept garages and cars away. Flooding swamped the local fire hall and damaged 50 homes – some beyond repair.</p> <p>Victoria Day</p>	<p>22</p> <p>2011 The waters of Lake Champlain and Québec's Richelieu River rose to an all-time high, forcing evacuations in the region. About 260 army personnel arrived on-site to reinforce barriers and protect vulnerable homes. Strong winds from the south swelled the river by 20 cm. On Lake Champlain, wind whipped waves as high as one metre. Affected residents received tetanus shots as a precaution.</p>	<p>23</p> <p>1921 Five family members in a motorized canvas canoe drowned in the Oscalanea River 127 km north of Parent, QC. The only surviving family member was a 19-year-old daughter studying in a convent who did not go on the fatal trip. The family was within 1.6 km of their destination when a strong gust of wind and wave struck the canoe broadside, washing them overboard.</p>	<p>24</p> <p>75 Years Ago 1942 A torrential downpour forced the Skeena and Bulkley rivers to reach flood levels near Terrace and Smithers, BC. Several small creeks went on a rampage. Blasting operations to remove piled-up drift proved to be ineffective. The ferry house at Hazelton was endangered and had to be lashed down with cable.</p> <p>New Moon</p>	<p>25</p> <p>100 Years Ago 1917 Lightning struck the Dominion Government Observatory on the summit of Sulphur Mountain at Banff, AB, wrecking almost the entire building. The bolt cracked the observatory's massive stone walls and destroyed its automatic weather-recording instruments. The force was so great that rocks were pulverized and a 10-m-long and 1-m-deep trench was left in the mountain.</p>	<p>26</p> <p>25 Years Ago 1992 Over a couple of nights, temperatures dipped as low as -4°C in the Annapolis Valley, NS, destroying up to 90% of the apple buds in low-lying areas. One grower successfully warded off the frost by drawing warmer air down among his trees with a giant fan he had installed in his orchard earlier in the month.</p> <p>Ramadan Begins</p>
<p>125 Years Ago 1892 The Fraser River at New Westminster, BC, rose 30 cm in 36 hours, reaching its highest stage ever. The sloughs were overflowing and much of the land was submerged. On the same day, the <i>British Columbian</i> reported from Fort Langley: "The continued steady rise of the Fraser is covering our prairie rapidly with its annual silvery water sheet."</p>	<p>28</p> <p>2015 Severe thunderstorms rolled through Fredericton, NB, knocking out power to thousands of customers. Inside one hour, wind gusts blew at 82 km/h, rain exceeded 40 mm, and hundreds of lightning flashes struck. The powerful storm toppled trees, snapped branches, and took down traffic lights, while rushing waters popped manhole covers and flooded streets.</p>	<p>29</p> <p>50 Years Ago 1967 At 11 AM near Boharm and Moose Jaw, SK, a tornado swirled. The tornadic cloud was observed from a CFB aircraft and by many eyewitnesses on the ground. The estimated path length of the tornado was 26 km. The tornado unroofed 2 farmhouses and swept across fields from the southeast, picking up loose soil.</p>	<p>30</p> <p>2015 At the end of May, a microburst inflicted roof and tree damage across Ontario with 140 km/h winds. The storm brought torrential downpours with flash flooding in Windsor with 74 mm, Grimsby 73 mm, and Waterloo 60 mm. Embedded in the storm cell was Ontario's first confirmed tornado of the season between Thorndale and Bryanston – an EF1 with 175 km/h winds.</p>	<p>31</p>		

MAY

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JULY

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JUNE 2017

Sunday

Monday

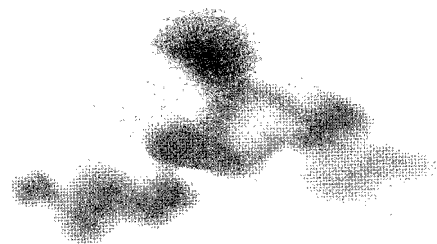
Tuesday

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Saturday



50 Years Ago 1967
One of the wettest cities in Canada, St. John's, NL, faced a rare water shortage because of excess heat, lack of rain, and higher than normal local water consumption. June was the driest on record with only slightly more than 20 mm of rain. The city restricted water use for such things as watering lawns and gardens or washing cars.

1

100 Years Ago 1917
"It was dark and there was a terrible storm ... I remember the whole house shaking. Grandpa who was visiting said it was a real cyclone and said that it would have taken him away had he not dropped down into a freshly ploughed furrow. Next morning we woke up, the barn was a few yards away in the pasture – flat and the pigs had disappeared." [Hearst Hill Historical Society]

2

50 Years Ago 1967
Warm wind and high temperatures (28°C) followed by heavy rain caused flash floods on streams in the Revelstoke, BC, district. Flooding on Eagle River caused washouts and left a bridge at Craigellachie dangling. A mudslide 20 km west of Revelstoke derailed 3 diesel units and 28 boxcars. At several low-lying farms southwest of Revelstoke, several head of cattle drowned.

3

First Quarter



1890
And they say lightning never strikes twice. On the eve of the general election, the *Globe (and Mail)* offices in Toronto, in fact, all the newspaper offices in Toronto, were struck last night by lightning.

4

2014
With dust all about, a family from Alix, AB, dashed to the cellar to wait out the storm. On emerging, they saw shingles had been ripped from the roof and fascia torn off. Even more impressive, a five-metre trampoline had been blown more than 150 m across the yard into a line of trees. A second twister was hidden by the sun's glare.

5

25 Years Ago 1992
A buffet of weather conditions from snow, ice pellets, freezing rain, rain, and thundershowers occurred across the Prairies. Fort McMurray, AB, received 60 mm of rain. Thick fog reduced visibility to less than 1 km in southern Saskatchewan. At Dufresne, MB, a gust front unleashed winds of 93 km/h that blew a car across a road and two others into a ditch.

6

150 Years Ago 1867
A terrific rain and hail storm and possible tornado burst over Garafraza, ON, causing immense property losses. Rain fell in torrents while small creeks swept away fences and culverts, snapping trees off like "pipe stems." In an hour, the Irvine and Grand rivers rose a metre to the spring flood mark. The current carried tubs, sheep, pigs, and a horse down the stream.

7

75 Years Ago 1942
Torrential rains inundated rivers and Virden, MB, making roads impassable, flooding some crops, and cutting telephone and power lines. The river in Minnedosa rose to spring freshet levels. Virden received 104 mm of rain in 10 hours. Additional pumps were brought in from the air navigation school to drain water. The thunder was deafening and a severe electrical storm outed power.

8

100 Years Ago 1917
After supper, a tornado struck near Northgate, SK, levelling several buildings, including large barns, garages, and grain elevators. Near Boscurvis, SK, winds picked up machinery and building debris and whirled them about like chaff. The Methodist Church barn disappeared and an auto lamp was hurled through an upstairs window.

9

25 Years Ago 1992
A raucous thunderstorm between Yarmouth and Dartmouth, NS, startled residents from their sleep during the early morning hours. Lightning struck the power substation at Tusket, leaving thousands of citizens along the south shore without power for more than 8 hours. It also disrupted transportation and commercial activities. Classes were cancelled for 100s of children. Little rain fell during the day.

10

Full Moon



125 Years Ago 1892
A tornado in Rock Lake, MB, formed a waterspout on Lewis Lake so high that the pillar of water could be seen several miles away. A log house blew apart and the logs were carried a great distance across the prairie.

11

125 Years Ago 1892
For 5 minutes, Thunder Bay, ON, was in an uproar – loose lumber, boxes, and barrels flying everywhere after a tornado struck. Winds knocked the framework for a new hotel half a metre out of plumb, tore down signs and awnings, blew out windows, dashed an old smokestack, and felled telegraph and telephone poles. At church services, there was anxiety among parishioners.

12

125 Years Ago 1892
The spacious House of Commons in Ottawa, ON, became unbearably hot after a week of temperatures in the mid-30s. Coats still had to be worn in the presence of the Speaker, who wore his silk robe. A few members shared yellow palm leaf fans. Fortunately, discussing amendments to the Criminal code didn't turn into a heated debate.

13

125 Years Ago 1892
A powerful tornado slammed into the tiny town of Ste-Rose, QC. The wooden schoolhouse took the biggest hit with portions of the building landing in pieces 2 km away. Twenty-five children were in the building when the storm struck. Three died and 12 were injured, including the teacher. The children were carried in all directions by the wind and deposited in adjoining fields.

14

125 Years Ago 1892
For half an hour, the sky over Amherst, NS, was illuminated with lightning. One bolt struck a roof and entered 2 homes. In one structure, the current passed along the wall, destroying pictures. It was the second time the house had been struck. In Milford, NS, lightning split nearly every telephone and telegraph post. Shipping facilities also suffered considerable losses from strong winds.

15

150 Years Ago 1867
The steamer *North American* was wrecked after running into rocks on Ile d'Anticosti, QC, during thick fog. All passengers were taken safely ashore.

16

1829
Saskatoon and other northern Saskatchewan towns were recovering from one of the worst wind storms ever that uprooted and flung trees, overturned small buildings, scattered boardings around excavations, and broke power, light, and telephone wires. North of Prince Albert, the wind picked up cattle and horses and blew them through pasture fences, and lifted a granary and carried it over tree tops.

17

<p>100 Years Ago 1917 The "artillery of the heavens" bombarded Toronto, ON, and its environs for 2 hours without intermission, flooding streets, swamping gardens, and filling basements. Newspapers reported that many timid ladies covered their eyes and ears so that they would not see the "bombs" and hear the explosions. City poultry farmers lost thousands of chickens, one raiser losing a whole brood by drowning.</p> <p>Father's Day</p>	<p>25 Years Ago 1992 Residents of southern Ontario were busy cleaning up destruction left by a recent vigorous squall line that swept across Lake Huron, spawning a small tornado near Kincardine and a wind gust to an amazing 148 km/h at London. The wind destroyed many mature trees and threw around garden sheds.</p>	<p>25 Years Ago 1992 An electrical storm dumped 50 mm of rain across parts of PEI. In Charlottetown, parts of the downtown were flooded, including backyards and parts of the Confederation Court Mall. Utilities reported widespread power outages.</p>	<p>QUIZ Which name would not appear in a list of Atlantic hurricane names? 1) Quentin 2) Nana 3) Whitney 4) Joaquin 5) Obama</p> <p><i>Answer on inside back cover</i></p> <p>National Aboriginal Day Summer Solstice 0:24 EDT</p>	<p>25 Years Ago 1992 Severe thunderstorms across southern Manitoba produced multiple funnel clouds and at least 3 tornadoes, one of which stayed on the ground for 26 km. Near Stonewall, 120 mm of rain fell in less than 30 minutes. Near Woodsie, MB, winds flipped a truck and blew apart a garage and mobile home. At Winkler, one farmer had to shovel golf ball-sized hailstones to get into his house.</p>	<p>50 Years Ago 1967 A windstorm said to be a possible tornado was so fierce it blew a hopper car from a siding along to the main line, causing a train wreck near Dunburn, SK. The severe storm also killed one person and injured 42 others.</p> <p>New Moon</p>	<p>25 Years Ago 1992 For the second day in a row, tornadoes, large hail, and torrential downpours struck southern Manitoba. Near Morden, hail the size of tennis balls pelted the ground, while at Pilot Mound, wind gusts reached 154 km/h. There were numerous funnel sightings and 5 confirmed tornadoes.</p> <p>St. Jean Baptiste Day</p>
<p>25 Years Ago 1992 Heavy rains over 4 days dumped up to 140 mm from La Pocatière to Mont-Joli, QC. The Rivière-du-Loup overflowed its banks, flooding the countryside to a depth of one metre, causing severe crop damage.</p>	<p>1915 In Calgary, AB, the Bow and Elbow Rivers rose 2 1/2 m in a few hours, carrying away 2 bridges, flooding houses, and cutting off the natural gas supply. At Grassy Lake, AB, 3 people died when their house was lifted off its foundation and smashed into kindling. At Redcliffe, AB, winds damaged an iron works, a cigar factory, several stores, a knitting mill, hotel, and several city blocks.</p>	<p>75 Years Ago 1942 Lightning, hail, rain, and wind struck the military training centre at Shilo, MB. The only casualty was the signals office where a lightning charge blew a few fuses and created a great deal of smoke. The storm disrupted electrical service to the camp. Medical and dental inspections had to be re-scheduled for the next day because of the lack of light.</p>	<p>50 Years Ago 1967 Expo 67 opened to the public in Montréal. The weather during opening ceremonies was 27.2°C, with 39% relative humidity, winds from the southeast at 16 km/h, 16 km visibility, humidex of 30, and mainly clear skies.</p>	<p>100 Years Ago 1917 A severe thunderstorm accompanied by a downpour and small hailstones passed over Edmonton, AB. The hail fell heaviest on the south side where it shredded several gardens. A ball of lightning fire accompanied by a dense cloud of smoke travelled along the top of a streetcar near Jasper Avenue, causing a momentary scurry. The crowded vehicle was heading south and came to a sudden stop.</p>	<p>2015 An Essex (ON) grower said it was the wettest spring for planting he'd seen in 25 years. By the end of June, water was standing knee-high, with acres of soybeans and tomatoes completely submerged. And while it was not too wet for fish, it was too wet to fish when a popular fishing derby at Long Point was cancelled for the first time ever.</p>	

JUNE

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JULY 2017

AUGUST

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Sunday

Monday

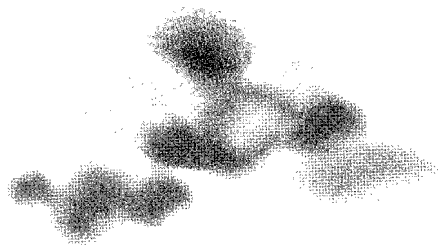
Tuesday

Wednesday

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Saturday

								<p>150 Years Ago 1867 It was warm, sunny, and cloudless when the four British colonies of Nova Scotia, New Brunswick, Upper Canada, and Lower Canada united as the Dominion of Canada. In Ottawa, shortly after midnight, the pealing of church bells and a 101-gun salute banished sleep. Everywhere there were fireworks, picnics, parades, bonfires, games, ringing church bells, royal 21-gun salutes, and formal readings of the Queen's proclamation.</p> <p style="text-align: right;">Canada Day</p>		1			
<p>150 Years Ago 1867 It was not all fun on July 1. As reported in this day's <i>Samia Observer</i> (ON): "Whether caused by the hot weather, or bad whisky, or both combined, the fighting seems to have been the rage wherever a number of people were gathered together. It is to be regretted that the first day of our national existence should be marked by so much disreputable conduct."</p>	2	<p>150 Years Ago 1867 On Dominion Day, in Fredericton, NB, high winds hampered accuracy during a shooting match event involving 40 men. The <i>Gleaner</i> in Chatham, NB, reported: "It was the dulllest holiday that could be imagined, so dull that even a dog fight would have been hailed with delight."</p> <p style="text-align: center;">Aphelion 16:11 EDT</p>	3	<p>150 Years Ago 1867 A telegraph operator in Sackville, NB, was recovering after receiving a heavy electric shock during a torrential thunderstorm the previous day when the telegraph office was struck by lightning. He still felt the effects of the shock 5 days later.</p>	4	<p>100 Years Ago 1917 Residents from Grenfell, SK, were still cleaning up following the previous day's terrific rain storm. Hail broke 1000 of panes of glass and cut garden stuff to pieces. The CPR track was washed out west of town, making it impassable. Passengers were transferred by motor cars. Old timers said the storm was the worst in 35 years.</p>	5	<p>25 Years Ago 1992 At Beauport, QC, just east of Québec City, torrential rains dumped 54 mm in one hour, filling countless basements and triggering landslides.</p>	6	<p>125 Years Ago 1892 More than two-thirds of St. John's, NL, was devastated by a fire aided by strong winds. Flames destroyed over 2,000 homes and commercial buildings and left residents from 11,000 homes homeless. Only a quarter of the damage was covered by insurance. The loss was estimated at \$20 million.</p>	7	<p>75 Years Ago 1942 In Saskatchewan, a tornado uprooted fence posts, twisting them high in the air, then depositing them on the road. The winds demolished a large stone-foundation barn, machine shed, and house, and dropped a granary on a combine, wrecking both. On a farm in North Battleford, winds plucked turkeys clean of their feathers, tore a porch off a nearby house and twisted a garage wall.</p>	8
<p>100 Years Ago 1917 Powerful winds inflicted considerable damage on Ingersoll, ON, following a 30-minute hailstorm described as the worst to ever strike the town. Hail also fell in Owen Sound with the greatest damage done to market gardens, where thousands of tomato and potato plants were beaten down. Floods filled cellars and streets ran like rivers, making it impossible for pedestrians to cross.</p>	9	<p>125 Years Ago 1892 A twister 100 m wide carved a path of destruction for 14 km from Forrest to near Douglas, MB. The winds disintegrated buildings and smashed large farm machinery. Cattle, horses, and pigs were lifted into the air and dropped into neighbouring fields. Sod was piled up in large mounds. At Holland, MB, winds ripped the clothes from people's backs.</p>	10	<p>100 Years Ago 1917 A cyclone inflicted extensive property damage in Brooks, AB. The storm came from the southwest with a blinding cloud of dust, and for over 10 minutes raged across the town, demolishing buildings and tearing the roof off the Masonic Hall. Several other buildings were moved a number of feet, or badly damaged. Winds broke windows in homes and blew down chimneys.</p>	11	<p>75 Years Ago 1942 Hailstones as "large as eggs" caused considerable damage to crops in western Manitoba when a 105 km/h gale and driving rain swept the country. Early barley crops were hardest hit. The violent electric storm killed lambs and turkeys. In Winnipeg, the storm tore down electric wires, ripped out trees, and smashed windows in an operating room in Misericordia Hospital.</p>	12	<p>150 Years Ago 1867 The summer has been so unusually dry on Vancouver Island, BC, that the crop of berries was a complete failure.</p>	13	<p>Quiz In travelling on an airplane, when is the most dangerous time for lightning to strike: 1) on take-off 2) on landing 3) flying in a cloud with lightning 4) deplaning 5) above the clouds and weather</p> <p style="text-align: center;"><i>Answer on inside back cover</i></p>	14	<p>125 Years Ago 1892 A microburst or possible tornado moved ESE from Beaverton to Peterborough, ON. In Otonabee, 8 barns lost their roofs. In Hastings, a farmer bringing in a load of hay was 15 m from the barn when the gale struck. His wagon was overturned, seriously injuring him. The terrified horses dashed through the fields, smashing the wagon. The barn and outhouse were a total wreck.</p>	15
<p>Nunavut Day</p>													

100 Years Ago 1917
The *Edmonton Bulletin* (AB) warned its readers that to avoid "possible justifiable homicide" at the hands of their friends, they should not go around saying, "Is this hot enough for you?" Temperatures were 30°C in the shade. Wise pedestrians favoured the shady side of the street and took a streetcar for any distance over 2 blocks. Heat prostrations occurred hourly, crowding hospitals.

16

75 Years Ago 1942
A severe summer storm featuring incessant rain, wind, and lightning tracked across southern Ontario. The storm disrupted communications and power lines. In Toronto, rain flooded streets and wind tore down trees. Lightning hit 2 downtown churches. A 14-year-old boy was killed and 4 members of his family shocked when lightning struck their partially completed house at Fruitland.

17

2015
Hot, humid air and an undercutting cold front produced nasty weather across southern Québec. Blows exceeding 70 km/h broke several trees in the Eastern Townships. Near Rivière-du-Loup, 75 mm of rain flooded rivers, forcing the evacuation of 40 homes. In Montréal, lightning struck a cyclist in the side of the head as he stood with his bicycle under a tree near the city's Botanical Gardens.

18

150 Years Ago 1867
A terrific thunderstorm with heavy rain passed over Kingston, ON. Lightning struck the chimney of a home, moving the cook stove from its position, rolling up the floor of the garret like a scroll, tearing a hole in the bedroom wall, and setting the house on fire. Outside, the lightning split a large stone, hurling a piece of it 10 m away.

19

2015
The weather in the Toronto (ON) region was worthy of a gold medal during the Pan American and Parapan American Games. Over 17 days of competition, the average maximum temperature between July 10 and 26 was 27.3°C. Only 3 days exceeded 30°C, 2 hours with a humidex above 40. There were 14 hours with rain (a total of 7.8 mm over 2 days), four hours with fog, and no thunderstorms.

20

100 Years Ago 1917
Three persons lost their lives in Pierreville, QC, in the aftermath of a severe storm — a mother and her 2 sons, aged 6 and 10 years. Other members of the family had a narrow escape when their house was blown from its foundation into the flooded river on whose bank it stood.

21

100 Years Ago 1917
Lightning started a fire that destroyed the Canadian Ice Company at Hudson, QC, and a couple of residences. Lightning first struck the higher ice plant and then the wooden canoe houses. Although recently drenched in a downpour, the structure burned fiercely. The clubhouse, which a few hours before had been the scene of the usual Saturday night dance, was quickly destroyed.

22

Last Quarter

125 Years Ago 1892
Lightning struck the house of George A. Hatfield of Tusket, NS. The charge ripped off shingles, shattered rafters, and paralyzed a little boy, before setting the house on fire.

23

150 Years Ago 1867
A violent rainstorm came down in torrents at St. Pierre and Charlesbourg, QC. A bolt of lightning went through a house, tearing up the foundation. A woman blown out of her house had her boots ripped off.

24

150 Years Ago 1867
Residents of Saint John, NB, cleaned up following the previous day's terrific thunderstorm. The vividness of the lightning was only surpassed by the loud peals of thunder. Farm buildings near Collian Corner were struck and set on fire. The loss was huge, including the stock of hay and all farming implements stored in the barn.

25

100 Years Ago 1917
When lightning struck a farmhouse near Barrie, ON, it left a farmer and his sons stunned. Neighbours had trouble saving them. In downtown Barrie, the charge struck a doctor's house and the spire of Collier Street Methodist Church.

26

125 Years Ago 1892
Near Dresden, ON, lightning instantly killed a farmer and knocked his brother insensible, but he survived. There were several horses in the barn and all were laid flat but recovered. In Brigden, lightning also hit the village Methodist church and the Methodist church two km away. In one community, a boat house, a large 2-storey building, and the skating rink were blown down.

27

75 Years Ago 1942
In the worst rainstorm in years in Winnipeg, MB, one man was killed when his car crashed into a concrete safety island during the height of the downpour. Basements in downtown buildings were flooded. St. Boniface Hospital reported a blackout of 4 hours' duration. All low underpasses filled with water. In the St. Charles Hotel, 10 cm of water rose on the polished dance floor.

28

100 Years Ago 1917
Following torrential rains, streams flowing into the Chaudière River in Québec overflowed, damaging scores of houses in Beauce County. The power house at Chaudière was flooded, stopping all streetcars. Three bridges were carried away. Scores of farms disappeared, and dozens of cattle, pigs, and horses drowned. In downtown Montréal, most buildings had flooded cellars.

29

New Moon

30 100 Years Ago 1917
The death toll from forest fires in northern Ontario grew to 300, wiping out entire families. People took to canoes, covered themselves with wet blankets, and paddled up the river ahead of the fire.

31 25 Years Ago 1992
Southern Ontario experienced one of its coldest and cloudiest July's this century, with 14 straight weekends of rain. Climatologists blamed it on volcanic ash from last year's eruption of Mount Pinatubo.

AUGUST 2017

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Sunday Monday Tuesday Wednesday Thursday Friday Saturday

		<p>100 Years Ago 1917 Montréal, QC, was the hottest in its recorded history since 1875, when the thermometer at McGill Observatory read 35.6°C. Outside workers were overcome and hospitalized. Horses dropped everywhere, but most recovered in the shade. However, some were shot. Dogs also keeled over, and people called the SPCA to say that their dogs were mad and should be shot.</p> <p style="text-align: right;">1</p>	<p>25 Years Ago 1992 A hailstorm battered the towns of Nobleford and Monarch, near Lethbridge, AB. The hail knocked birds out of trees and caused extensive damage to property and crops. Golf ball-sized hail was piled as deep as 30 cm on area highways. Officials called out snowploughs to clear roads.</p> <p style="text-align: right;">2</p>	<p>QUIZ Of the following countries, which one recorded the highest temperature? 1) Cuba 2) Bangladesh 3) New Zealand 4) Venezuela 5) Canada</p> <p><i>Answer on inside back cover</i></p> <p style="text-align: right;">3</p>	<p>150 Years Ago 1867 Heavy rain accompanied by strong winds and high tides pushed water levels so high that dykes all along the Petitcodiac and Shepody rivers in New Brunswick were breached. The schooner <i>Quickstep</i>, lying at Mary's Point, was destroyed. Possible tornadic winds swept through Sackville, inflicting much injury. Gardens were laid waste and trees shorn of their limbs and uprooted.</p> <p style="text-align: right;">4</p>	<p>150 Years Ago 1867 One of the worst oil well fires ever in Canada occurred in Petrolia, ON. When the burning oil ran down the creek, a current of air came rushing in. In the centre of the vortex, the whirlwind took smoke into the heavens like "a roll of wool," and the flames, resembling a fiery serpent, whirled 100 m in the air. The awful sound resembled artillery guns.</p> <p style="text-align: right;">5</p>
<p>125 Years Ago 1892 Sir Richard Cartwright left Kingston, ON, in a skiff, rowing to his country home on the St. Lawrence River. A terrific squall accompanied by hail and torrents of rain capsized his boat, throwing him out. Men from the nearby barracks hurried to his rescue. He was in the water nearly half an hour with the storm raging around him.</p> <p style="text-align: right;">6</p>	<p>150 Years Ago 1867 This week a mail carrier on his way from St Francis to Beauce, QC, encountered 3 thunderstorms in an afternoon and had to scramble from a good deal of hail that fell.</p> <p style="text-align: right;">7</p>	<p>25 Years Ago 1992 Weather conditions were ideal for a tornado across southern Ontario. In Markham, a "weak" tornado touched down briefly, uprooting trees, tearing the roof off a barn, and knocking over a tractor trailer. The tornado reached speeds of 115 km/h, touching down one km north of Highway 7 just east of McCowan Road. It tracked eastward for 4 km before lifting.</p> <p style="text-align: right;">8</p>	<p>2015 A summer downpour in eastern Nova Scotia made several roads impassable due to washouts. Rain was coming down heavily at 14 mm an hour. The heaviest rainfall occurred in Port Hawkesbury where 106 mm fell. In Sydney, there was 61 mm of rain, while Ingonish Beach recorded 97 mm, Margaree Forks 71 mm, and St. Anns 105 mm.</p> <p style="text-align: right;">9</p>	<p>150 Years Ago 1867 In Halifax, NS, a terrible gale blew for several hours. Most gardens were left disfigured, and the destruction to greenhouse glass was extensive. Winds blew down the frame of the new Baptist Church. At Wolfville, the storm made havoc of the beautiful shade trees around Acadia College. Apple and plum orchards throughout the Annapolis Valley were totally destroyed.</p> <p style="text-align: right;">10</p>	<p>25 Years Ago 1992 Ontario residents talked about one of the most spectacular lightning displays in recent years, following a line of severe thunderstorms over Lake Huron and Georgian Bay ahead of a strong cold front. High winds, heavy downpours, hail, funnel clouds, and tornadoes occurred all day and into the evening. Tornadoes touched down in Elora, west of Toronto, in Muskoka, and elsewhere.</p> <p style="text-align: right;">11</p>	<p>75 Years Ago 1942 Farmers outside of Rocky Mountain House, AB, worried about ominous-looking storm clouds on the horizon. When winds and hail arrived, they flattened grain, leaving it unfit to cut. In St. Albert, hail, coming down in horizontal sheets and sounding like machine gun fire, damaged crops and left roads flooded. The blinding noisy storm frightened women and children alone in their homes.</p> <p style="text-align: right;">12</p>
<p>2015 After suffering through a summer of mostly rain, drizzle, and fog, most of Newfoundland was now under a humidex warning. The public was advised to be cautious when performing strenuous outdoor activities and to drink plenty of liquids. Fog advisories were also in effect for the Avalon Peninsula.</p> <p style="text-align: right;">13</p>	<p>50 Years Ago 1967 For 10 consecutive days, Columbia Gardens near Trail, BC, reported maximum temperatures of 38°C or more. In August, only four days didn't reach 30°C with the longest stretch of +30° spanning 16 days from August 8 to 23. On August 17, it had the highest recorded temperature for this period of 39.4°C.</p> <p style="text-align: right;">14</p>	<p>100 Years Ago 1917 Lighting killed a 17-year-old boy from Toronto who was standing in the doorway of his uncle's barn in Como, QC. He was holding a hay fork in his hand and this probably attracted the lightning. The only sign on his body was his slightly burnt hair, yet the prongs of the fork were twisted and the door post was split where the lightning struck.</p> <p style="text-align: right;">15</p>	<p>100 Years Ago 1917 Near Québec, QC, most residents were recovering from the effects of a horrific downpour when a dazzling lightning storm filled the skies over and outside the city. On a farm, lightning struck and destroyed a barn and all the stored crops. In the Chaudière Valley, the river rose 2 m, flooding hundreds of cellars.</p> <p style="text-align: right;">16</p>	<p>100 Years Ago 1917 Lightning struck a painter working at the Sisters of Providence Institute for the Deaf and Dumb in Montréal, QC. The storm raged but the labourer kept working to get his part done before the rains came. He was still working when lightning struck a nearby wire and jumped to him. The shock caused him to fall to the ground dead.</p> <p style="text-align: right;">17</p>	<p>150 Years Ago 1867 In Cummock, ON, northwest of Guelph, a storm of almost inky blackness cut a destructive path, leveling fences, wheat fields, unroofing barns and tearing up trees. The storm demolished the walls of the brick church being erected.</p> <p style="text-align: right;">18</p>	<p>150 Years Ago 1867 "Yesterday and today we have had very heavy rain, and during the past night it thundered loudly. The temperature is now cool, and we suppose this may be regarded as the finale to our memorable heat wave." <i>Quebec Gazette</i></p> <p style="text-align: right;">19</p>

Royal St. John's Regatta (NL)

Civic Day (most regions)
Full Moon

100 Years Ago 1917 20
 Winds lifted part of a grandstand roof at the waterfront baseball grounds in Toronto, ON. It terrified spectators when winds twisted the steel flagpole like a jackknife, and the roof over one stand blew away. A hundred spectators rushed the diamond, choosing a drenching rather than trusting the structure. The huge score board, recently destroyed in a storm, was totally wrecked again.

150 Years Ago 1867 21
 The captain and crew of the schooner *Algerine* watched "stupefied with terror" the descent of an immense meteor into Lake Ontario. Estimated at about 6 m in diameter, the meteor let off a large volume of steam and spray when it hit the water.

100 Years Ago 1917 22
 A possible hurricane lashed Nova Scotia, drowning a dozen or more people and inflicting untold damage to crops and property. At Sydney, NS, the gale ripped a large warehouse off its foundation and carried it 18 m. In Halifax, the fierce storm uprooted trees, broke windows, and hurled debris. Winds wrecked a travelling circus on the city commons.

25 Years Ago 1992 23
 Snow began falling in southern and central Alberta 2 days earlier. It was Edmonton's earliest snowfall since record-keeping began in 1884. The weight of the snow broke tree branches, downed power lines and caused severe crop damage. The Alberta foothills and southwestern Saskatchewan also experienced severe overnight frost.

125 Years Ago 1892 24
 O'Leary, PE, was the scene of a fierce "Kansas-type cyclone." The wind, accompanied by thunder, lightning, and rain, flattened several buildings and stripped a woods of its greenery. It also carried a man about 300 m. The winds blew 2 unoccupied houses off their foundations. The houses moved in opposite directions, possibly indicating 2 tornadoes.

2015 25
 Lightning struck a home in Douglas, NB. The bolt struck the exterior of the house, coming through the side and up through the floor and through a wall. No one was hurt and there was no fire. But the charge struck the home's electrical mast, blowing a bit of the siding off the residence's exterior wall.

25 Years Ago 1992 26
 The cool Arctic summer (8th coolest from 1948 to 2015) caused problems for canoeists in the District of Keewatin. Aircraft were summoned to pick them up. Naturalists also observed bears and caribou in areas they rarely frequent this time of year. Farther north, ice trapped a hunting party of 25 from Arctic Bay for 1 week; they were eventually taken out by helicopters.

Discovery Day (YT)
New Moon

75 Years Ago 1942 27
 A thunderstorm caused extensive property damage across southern Saskatchewan. At Regina, five 26-metre radio range towers fell, and a large roundhouse was unroofed. At the Fairgrounds, winds ripped the roofs off several barns, a stadium, grandstand, sheep and swine barns, and a dog show building. At Rouleau, winds removed one-third of the roof from the rink.

75 Years Ago 1942 28
 Heavy black storm clouds threw Winnipeg, MB, and surrounding districts into total darkness before unleashing thunder and lightning, torrents of rain, and wind. Lightning flashes blew out transformers, struck buildings and set fire to farm homes. Radio stations had to use emergency power or go off the air for several hours. Neighbouring dairy farmers gathered to form a bucket brigade.

25 Years Ago 1992 29
 Residents of Southern Ontario and Québec were still cleaning up from heavy rains the previous 2 days from Hurricane Andrew (Category 5 in Florida). Rain across southern and central Ontario flooded several areas, including Toronto's Don River Valley. Rainfall was between 100 and 120 mm in the Elmira and Aurora/Newmarket areas. Maniwaki, QC, received a record 125 mm of rain.

1907 30
 Lightning struck a residence in Carberry, MB, for the second time in 2 years. The bolt came down the chimney, ran along the stovepipes, tearing them down, then to the first floor, connecting through the wall to the telephone, tearing it into bits. A little girl was asleep in the room where the bolt first entered, and her bed was strewn with pipes and plaster.

50 Years Ago 1967 31
 At Yarmouth, NS, fog occurred on 85 of the 92 days of June, July, and August – one of the most depressing spells of weather in Canadian history.



AUGUST

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OCTOBER

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SEPTEMBER 2017

Sunday

Monday

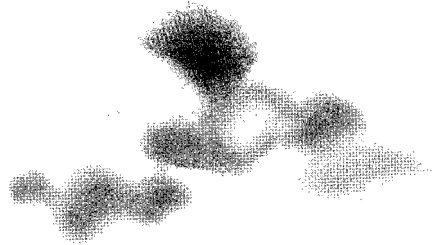
Tuesday

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Saturday



					<p>25 Years Ago 1992 Wet weather delayed harvesting operations across Saskatchewan. Only 23% of the province's grain crop had been cut and just 5% was in the bin. The delay meant that the swathed grain was beginning to sprout, and that mould was becoming more widespread each day, lowering the quality and yield.</p>	<p>1907 A flash of lightning struck the door of a farmhouse about 10 km northeast of Stettler, AB. It tore the door off, killed 4 cats under the stove, injured the hired man, and killed a dog outside the door. Though all the family was in the small room, no one was hurt. Mother and daughter said they felt numb for a while.</p>
<p>2015 The day started cloudy and muggy over Winnipeg, MB, but the skies soon darkened and then lit up with near-continuous lightning. It began raining, and soon streets, parking lots, and underpasses flooded, leaving stalled vehicles everywhere. One weather station observed 80 mm of rain with peak wind gusts of 90 km/h. Heavy rain was also reported in Brandon, La Salle, and Gretna.</p>	<p>100 Years Ago 1917 During a severe electrical storm, hundreds of fish were killed in the Moira River about 15 km from Belleville, ON. It was reported that the fish were gathering in large quantities and were paralyzed.</p>	<p>25 Years Ago 1992 Heavy snow fell in southern and central Alberta, flattening unharvested grain crops and damaging trees. Nearly 35 cm of wet snow fell in the foothills around Edson, and 17 to 23 cm in Rocky Mountain House, Jasper, and Whitecourt. Weather forced postponement of an outdoor concert at Big Valley where 40,000 people had gathered. Widespread frost occurred the next morning.</p>	<p>25 Years Ago 1992 This was the second time in Canadian history that a passenger ship crossed the Northwest Passage from east to west. Throughout this historic voyage, weather service staff provided regular weather reports to the ship's crew.</p>	<p>2015 A warm, humid day prevailed over southern and central Québec with temperature records in Rouyn, Gatineau, and Gaspé. A cold front triggered a thunderstorm yielding 50 mm of rain and whipping winds of 110 km/h that caused 25,000 Hydro-Québec customers to lose power. Montréalers enjoyed their warmest September on record, more than three degrees warmer than normal.</p>	<p>25 Years Ago 1992 Two devastating summer hailstorms put the finishing touches on a cold and wet growing season across southern Ontario. Peaches, pears, and grapes were totally bruised or knocked to the ground. Earlier, fruit producers on the Niagara peninsula suffered an estimated \$20 million in crop damages during a hailer in August. Crop insurance covered less than a third of the loss.</p>	<p>25 Years Ago 1992 Lightning hit a man leaving work at Fort Anne in the Annapolis Valley, NS. Upon arriving home, he discovered his driveway washed out, his television zapped, and the washing machine behaving strangely due to a lightning strike. He felt partially to blame because his well was low and he had prayed for rain. Near Middleton, a weather observer reported hail 15 mm thick.</p>
<p>75 Years Ago 1942 A tornado near Killarney, MB, sucked a woman out her upstairs window and killed her. Winds lifted a calf 100 m into the air. A stable was lifted, twisted, then disappeared in a cloud of dust. A potato crop was dug up. The twister also sucked the pump out of a well, depositing it far away. And it wrecked a car – leaving only 4 new tires.</p>	<p>50 Years Ago 1967 <i>Jökulhlaup</i> is an Icelandic term for an abrupt outburst of flood waters from a glacial lake. A <i>jökulhlaup</i> occurred under a glacier near Stewart, BC. It swept away a steel-truss bridge across the Salmon River, carrying it downstream several hundred metres away with a huge amount of gravel.</p>	<p>2015 Arctic sea ice fell to the fourth-lowest level on record, continuing its decades-long decline. At its minimum extent, ice in the Arctic Ocean measured 4.41 million km². The Northwest Passage and the Northern Sea Route simultaneously opened up again. The Arctic is warming at two to three times the global average – which means sea ice has declined about 40 per in 4 decades.</p>	<p>2011 One year after Hurricane Igor ravaged parts of Newfoundland and Labrador, Hurricane Maria brought flooding and strong winds to the province. Preparations had begun a week before. Maria was the 13th hurricane to make landfall in Newfoundland since 1851, and the second consecutive year a landfalling hurricane occurred within the province – a first for the record books.</p>	<p>100 Years Ago 1917 In Québec City, QC, a fierce gale and whitecaps on the St. Lawrence River welcomed 100s of visitors arriving to witness the raising of a new bridge span. High tide was ideal for transporting and raising the structure, but a calm river was needed to transfer the span from its pontoons. Operations were postponed for a day, despite the loss of tidal advantage.</p>	<p>75 Years Ago 1942 Two men drowned at Eastville, NS, when their camp was caught in the current from a bursting dam. The outburst washed farm machinery downriver and drowned sheep, cattle, and a colt. Rushing water also pushed a hall off its foundation in Meadowvale, carried a chicken house a km away, and drowned 350 cockerels and pullets.</p>	<p>25 Years Ago 1992 A mudslide occurred in Summerland, BC, in the Okanagan Valley. A property owner on North Lakeshore Drive sustained some \$200,000 in property damage. The slide wiped out landscaping, a garage, 3 boats, and 2 cars.</p>

25 Years Ago 1992
Well, it's better late than never. The temperature in Toronto, ON, felt like a scorching 36°C when combined with the humidex, making it seem like the hottest day of the year. This mini heat wave was the first time all summer that Metro enjoyed the effects of warm southwesterly winds from the Gulf of Mexico.

17

2015
Prairie crops and grasslands improved significantly through mid- to late-summer with the arrival of rain. Parts of Alberta and British Columbia had a disappointing harvest with poorer quality and less production than recent years. Manitoba fared better because rainfall was ample and timely. Ever optimistic, farmers were happy to have at least seeded a crop that was worth harvesting.

18

QUIZ
For fans of clouds there is an association promoting greater awareness of the importance and beauty of clouds. What is the group called?
1) Clouds R Us
2) Cloud Appreciation Society
3) Anti-Blue Skyers
4) Cloudspotters Anonymous
5) Daydreamers

19

Answer on inside back cover

75 Years Ago 1942
A massive rainstorm hit the Maritimes. In total, Halifax, NS, received 239 mm of rain – a 1-day record for eastern Canada. Charlottetown, PE, received 164 mm, its greatest 1-day rainfall ever, and 275 mm over four days. The storm total at Stellarton, NS, was 350 mm.

20

New Moon

25 Years Ago 1992
A snowstorm felled power lines and brought transportation to a standstill across northern Manitoba. At Thompson, 13 cm of snow fell – within 0.3 cm of the September record for the greatest 1-day snowfall. Wet, heavy snow and 75 km/h winds sent trees smashing into power lines, leaving many northern residents without electricity.

21

Rosh Hashana

75 Years Ago 1942
A bright red parachute floating near Smiths Falls, ON, almost landed on top of a family car heading to the cottage. The parents figured the tin cylinder affixed to the parachute was a bomb. After waiting for some time, the husband retrieved the package, tagged "Property of the US Weather Bureau." The instruction tag promised the finder a crisp dollar bill if the spent weather balloon was returned.

22

Autumn Equinox 16:02 EDT

50 Years Ago 1967
Prince Rupert, BC, reported 184 mm of rain and Falls River 223 mm over 4 days. Needless to say, Highway 16 between Prince Rupert and Terrace flooded in several locations. Worst hit was a 3.2 km section between Diana Creek and Prudhomme Lake. CNR reported several washouts.

23

25 Years Ago 1992
A week of thunderstorms occurred across the Muskoka/Haliburton cottage district north of Toronto, ON. Torrential downpours between 100 and 150 mm caused local flooding and sudden lake and river rises. The East River, north of Huntsville, rose by nearly 3 m. Currents in some of the connecting rivers and channels became unusually strong and a hazard to boaters.

24

2011
Edmontonians endured the hottest day of the year with a record of 32°C, partially making up for a drizzly summer. The sweltering temperatures fed a wildfire in northern Alberta that forced police to close one of the busiest roadways in the province to Fort McMurray.

25

75 Years Ago 1942
A sudden storm burst upon a fleet of barges carrying food and fuel, tractors and bulldozers on Great Slave Lake, NT. The wind increased, piling the barges on top of one another as they sank in the inky lake. When morning came, the crew located the barges minus their expensive cargo, which was lost until spring break-up.

26

150 Years Ago 1867
Hay and root crop yields in southern Ontario were poor due to dry weather and weevils.

27

25 Years Ago 1992
Rain drenched the Terrace/Kitimat region of British Columbia. In the previous 4 days, the area received over 180 mm, and by the end of the week Kitimat had 311 mm. The heavy rain triggered flooding that led to considerable property damage. Several families in Lakelse Lake had to be evacuated due to rising water.

28

150 Years Ago 1867
A strong gale blew from the northwest into Sarnia, ON, preventing upward-bound vessels from moving into Lake Huron and causing downward boats to seek refuge in port. Several boats sustained damage, making it necessary to lay over for a few days in Sarnia for repairs.

29

2015
At the end of September, tropical storm-sized rainfalls of 175 mm occurred across New Brunswick. More than a month's worth of rain fell in 5 hours, flooding roads, closing schools, and forcing evacuation. Fredericton's 128 mm of rain was the second heaviest single-day deluge in its history. At Hoyt, sections of roads and culverts disappeared and brooks ran wide, damaging bridges.

30

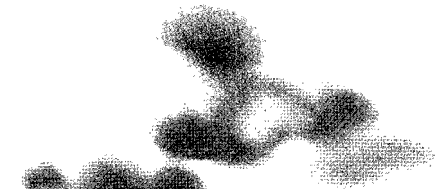
OCTOBER 2017

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Sunday Monday Tuesday Wednesday Thursday Friday Saturday

<p>100 Years Ago 1917 Under a southwest gale, the Peticoodiac River reached its highest level in 20 years. Dykes came down and the lower part of the city of Moncton, NB, flooded. Great waves swept across roads and high waters interrupted train services throughout the day. The daily express train stalled at Sackville, NB, with washouts on both sides of the track.</p>	<p>100 Years Ago 1917 An Aboriginal agent at Bella Coola, BC, reported a washout 5 km up the Bella Coola River. The flood was triggered by a warm westerly wind and 36 hours of rain that led to a mountain snowpack melt. The greatest damage occurred on the Necleetscunny River, which overflowed its banks and flooded the townsite, including stores, the hospital, schoolhouse, and agent offices.</p>	<p>1994 After a storm dumped 50 cm of snow on parts of southern Alberta, schools closed, power lines were knocked out, and driving became hazardous. Snow drifts near the Milk River were 1.5 m high. The blizzard briefly delayed trucks carrying stage equipment for the Rolling Stones concert that night in Edmonton. With temperatures climbing to 20°C, early snows became meltwater.</p>	<p>25 Years Ago 1992 A fire started when sawmill workers near Elk Lake, ON, were burning brush. The flames spread rapidly in high winds, engulfing villages, outlying farms, and lumber camps from Haileybury to Englehart. Forty-three people died and 6,000 were left homeless. Damage exceeded \$6 million.</p>	<p>25 Years Ago 1992 A vicious 2-day wind and rain storm struck the Avalon Peninsula, NL, leaving hundreds of residents without electricity. Buildings, boats, and wharves suffered extensive damage. Hurricane-force winds and torrential rain ripped the roof off Bishops College in St. John's. A hospital roof was also damaged, as was the province's only drive-in movie, which had survived for 20 years.</p> <p style="text-align: right;">Full Moon</p>	<p>50 Years Ago 1967 Ucluelet, BC, recorded a single-day rainfall of 489.2 mm, the greatest ever in Canada. The deluge washed out logging roads, forcing camps and the Kennedy Lake mining operation to close. A mudslide near Long Beach cut off the Wickaninnish Inn and 12 houses. Thousands of yards of "muddy soup" came down at the entrance to Long Beach, creating a large debris flow.</p>	<p>1934 Heavy rains in the BC interior caused severe flooding along the Bella Coola River. The largest flood in 60 years washed out bridges and roads. In some homes, the water was a metre deep. Mail had to be taken to Hagensborg by backpack. Flood waters destroyed barns and root houses and drowned chickens and pigs. Along the coast, rough seas caused several groundings.</p>
<p>1897 Bush fires raged across eastern Ontario. Nine lives were lost, many more suffered severe injury, and 2,000 people were left homeless, stripped of everything they possessed. The Ottawa City council donated \$1,000 to a relief fund and the local paper opened a subscription list that received generous support.</p>	<p>150 Years Ago 1867 The Great Labrador Gale was one of the worst storms ever along the Labrador (NL) coast. Thirty-seven lives and 27 vessels were lost. The famous seal captain William Jackman rescued 27 people, mostly women, from certain death aboard the <i>Sea Clipper</i>. Twenty-seven times he waded into the icy gulf waters and huge waves to carry each victim to safety on his back.</p> <p style="text-align: right;">Thanksgiving Day</p>	<p>150 Years Ago 1867 A 2-day stoppage in apple and potato harvesting, already delayed by adverse weather, resulted from a cloudburst of Biblical proportions of rain, equal to an entire average monthly rainfall. The deluge flooded low-lying fields. One station recorded 72 mm of rain in 30 hours.</p>	<p>75 Years Ago 1942 The <i>St. Roch</i> under Sergeant Henry A. Larsen completed the Northwest Passage, arriving at Halifax, NS, 2 years after leaving Vancouver, BC, on 23 June 1940. The temperature on arrival was identical to the day of departure: 10°C, overcast skies, and a trace of rain.</p>	<p>150 Years Ago 1867 A drought throughout Lambton County, ON, dried up wells, making it difficult for farmers to water their cattle. In some cases, farmers had to drive their stock long distances to the St. Clair River for water.</p> <p style="text-align: right;">Last Quarter</p>	<p>50 Years Ago 1967 Heavy runoff caused storm sewers to back up in Vancouver, BC, leading to overloaded culverts and flooded basements, and caused manhole covers to pop up. More than 500 calls were received from stranded motorists and people whose homes were flooded. Flash floods spiced a BC Telephone Co. cable splicer out of a work trench, leaving 1,500 telephones out of service.</p>	<p>25 Years Ago 1992 Possibly the latest annual tornadic event ever documented in the Maritimes occurred when 3 tornadic funnel clouds touched down during a thunderstorm near Pigeon Hill in north-eastern New Brunswick.</p>
<p>1886 A recent gale-force wind blew down the roller skating rink in Wingham, ON, and damaged a foundry. In Mount Pleasant, a new brick foundry had its iron roof blown off, and part of the walls fell in, breaking machinery and implements. The storm also damaged stoops, chimneys, fences, signs, and outhouses in Port Colborne, and washed away 130 metres of the west pier.</p>	<p>100 Years Ago 1917 The first snow of the season fell the previous night across the Yukon. The last passenger steamer of the year from Dawson sailed for Whitehorse with 150 passengers aboard for Vancouver and Seattle, including many prominent Klondykers and a number of dredge and hydraulic labourers who had finished their season's work.</p>	<p>100 Years Ago 1917 Calgary, AB's first snowstorm of the season swept the southern part of the province. Snow fell constantly, driven by a moderate gale. Streets were covered with the snow and ice pellets. There was no snow in Edmonton, only that covering trains coming from elsewhere. Meanwhile, it was dark and cold in the capital city.</p>	<p>125 Years Ago 1892 During a severe storm with terrible thunder and lightning, a man from Green Lake, ON, told his 2 daughters to stay inside while he tended to the sheep. As he drove the sheep into the yard, lightning struck and killed him instantly. No trace was visible on his body except for his singed head and a small hole in his hat.</p>	<p>QUIZ When early mariners would see a waterspout (tornado over water) what would they do? 1) change direction 2) shout and beat drums 3) drop anchor 4) head for the galley 5) fire cannons at the spout</p> <p style="text-align: right;"><i>Answer on inside back cover</i></p>	<p>1905 In Toronto, ON, it was a wild night. Houses shook to their foundations with the force of the gale. A blinding flash of lightning struck and shattered a chimney in High Park. The bolt travelled inside into the stovepipe hole. The glass in a picture hanging on the opposite wall broke into fine pieces and scattered. The plaster bulged and cracked in several places.</p>	<p>100 Years Ago 1917 Floods swept away every bridge for 100 km up the Bella Coola Valley in British Columbia. Much property damage was inflicted by the storm.</p>

<p>1908 CPR and CNR main line trains in the west were snowbound. In the vicinity of Medicine Hat, AB, and Maple Creek, SK, the snow was 3 m deep in places. The storm was one of the worst in western history, tying up rail traffic for days. Such a terrible blizzard so early in the season was almost without parallel.</p>	<p>22</p> <p>25 Years Ago 1992 Flooding occurred in Pemberton, BC, after Ryan Creek breached a dyke. Flood waters submerged the airport and the golf course. During high water, a washout on the Meager Creek Road stranded 14 vehicles, trapping 20 people. Water rose 30 cm deep along the Squamish Valley Road and into the subdivision where it collected in some low-lying front and back yards.</p>	<p>23</p> <p>1908 Terrible stories of suffering came from ranches in southern Alberta and Saskatchewan following a recent storm. Near Cypress Hills, SK, one rancher had to abandon his flock of sheep when he was unable to locate the camp. His hired hand had to carry him until finally, after 60 hours without food or sleep, the rancher urged him to leave him on the trail.</p>	<p>24</p> <p>1999 Eyewitnesses at Port Rexton, NL, reported the harbour emptied of water, then a wall of water 2 m high rushed back in, taking away the main wharf. The dramatic rise and fall in water levels continued all evening. Speculation ranged from a seiche or wind/pressure pushing the water in and out, unusual tides, underwater landslide, subterranean earthquake, or Tropical Storm Jose.</p>	<p>25</p> <p>1857 A farmer and his son from Magog, PQ, noticed that before a rain shower on this day, their cattle acted strangely. The frightened livestock ran to the river's edge and stood together until the storm passed, bellowing furiously all the while.</p>	<p>26</p> <p>1993 Halifax, NS, firemen were busy as high winds (70 km/h) and rain (60 mm) caused flooding, downed wires and trees, and triggered electrical outages throughout the city. Wind gusts up to 180 km/h were clocked at Grant Etang, on the west coast of Cape Breton Island. The storm prompted cancellation of ferry services and led to serious flooding in the Sackville area.</p>	<p>27</p> <p>1921 Forty people died in Britannia Beach, BC, in some of the most catastrophic flooding ever. Half of the 110 freshly-painted cottages were washed away on the crest of the flood. Survivors said that the worst part of the disaster was the crying of the injured or bewildered villagers. One man climbed onto the roof of his house that was bobbing about in Howe Sound.</p>
<p>2015 Hurricane Patricia, the most intense tropical cyclone ever recorded in the Western Hemisphere, came ashore on Mexico's west coast on October 23, and reached eastern Canada a week later. The storm drenched southern Ontario with 60 mm of rain. Wind gusts as high as 100 km/h blew along with strong tides, causing coastal flooding, especially in Percé, QC, where the promenade was destroyed.</p>	<p>29</p> <p>100 Years Ago 1917 Hearing the door of an outbuilding slamming in the wind, a farmer from Clinton, PE, ventured out to fasten it. As he finished the job, the entire building came down on him, breaking his leg. He might have died had not a terrific gust sprung up immediately to lift the debris away.</p>	<p>30</p> <p>2012 Without any warning except for heavy showers and strong winds of 90 km/h, an F0 tornado occurred in Mont Laurier, QC. Twisting winds destroyed an old barn, road signs, and a house was partly demolished by a flying trampoline.</p>	<p>31</p>		<p>First Quarter</p>	

OCTOBER

DECEMBER

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NOVEMBER 2017

Sunday

Monday

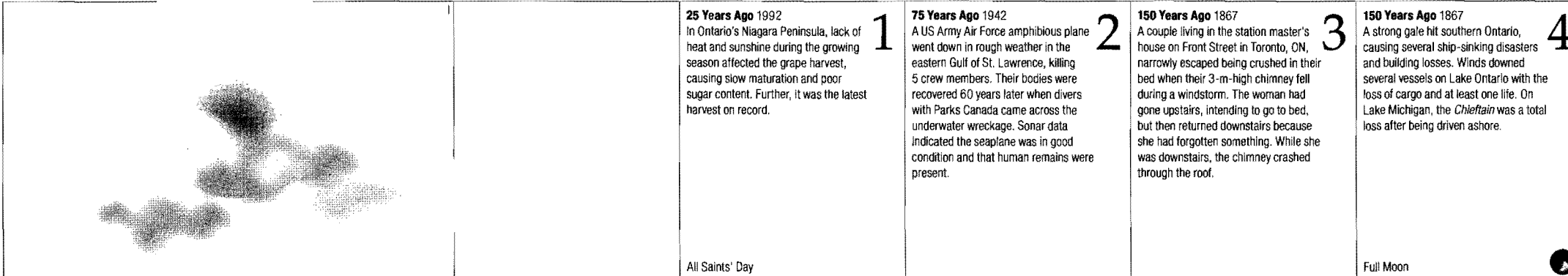
Tuesday

Wednesday

Thursday

Friday

Saturday



2015
 Across southern and eastern Ontario, the fall season was the third warmest in 68 years. At Toronto Pearson International Airport, it was the warmest September-to-November period on record. Temperatures climbed above 20°C, breaking records from Windsor to North Bay with both cities approaching 24°C.

Daylight Saving Time Ends

2015
 A cold front swept across Québec from west to east. High winds up to 100 km/h caused tree damage and power outages north of the St. Lawrence River. At Fermont, Schefferville, and Chibougamau, tree branches fell across highways. In Témiscamingue, winds pushed over barns, and at the Gouin Reservoir, the force lifted cottages off the ground and snapped trees.

QUIZ
 Cold feet affect 10% of the population and women more than men. How many times more often do women suffer from cold feet?
 1) 2 times
 2) 3 times
 3) 4 times
 4) 5 times
 5) half as many

Answer on inside back cover

2012
 A Colorado low dumped 25 cm of snow with freezing rain in near-whiteout conditions across southern Manitoba. At the Canadian Tire store, there was a 4-hour wait to have snow tires installed – the previous week it took no time. Sales of shovels, snow blowers, and sleds were also brisk. Heavy snow clogged streets and left many vehicles stuck or sliding dangerously.

2011
 Most Saskatoon, SK, residents woke up to a thick blanket of snow. Much of the province skidded, spun, and grumbled its way to work and school. Near Lumsden, traffic slowed to a crawl after a semi-trailer truck jackknifed. The storm also wreaked havoc on streets and highways in and around Winnipeg, MB.

2011
 An undersea 7.2 earthquake off the Grand Banks (NL) triggered a tsunami that killed 27 people on the Burin Peninsula. The 5-m "tidal wave" left the harbour filled with cabbages from a summer harvest. Potatoes, salt cod, herring, salmon, barrels of pork and beef, jams and pickles, and firewood for winter were lost. Nobody heard about it for 4 days because of downed telegraph lines.

2015
 Work crews sandbagged stretches of property along the exposed Pacific coast to guard against flooding, storm surges, and king tides at the end of the year. The first storm hit with perfect timing, bringing a nasty mix of wind, snow, and rain that swept across the South coast. Winds of 130 km/h and rain amounts of 130 mm left thousands of residents without power.

100 Years Ago 1917
 In Inverness, BC, the foul weather – days of rain and winds – was "the worst known in 50 years." A large debris slide covered an area 12 m deep and 180 m wide. Cattle and horses drowned, and rain washed away the potato and hay crops. People suffered from the cold and lack of food. When news reached England, substantial help came.

25 Years Ago 1992
 A fierce autumn storm struck Ontario, bringing heavy rain to the south, snow to the north, and hurricane-force winds along the shores of the lower lakes. Winds uprooted trees, snapped branches, and downed power lines, leaving some areas in Muskoka without electricity for 5 days. The same storm caused Lake Erie levels to rise 1 m in 1 hour with much flooding.

75 Years Ago 1942
 Farming districts in northern Alberta reported "a foot of snow," delaying further farming until spring. Forty centimetres of snow fell in Edmonton, AB – its largest snowstorm in history. Temperatures of -25°C and stiff winds intensified the misery. Most citizens never got to work or school. Most serious was the lack of coal, already rationed to prevent pipes from freezing.

75 Years Ago 1942
 Edmonton, AB, slowly recovered from a huge blizzard. News of the storm knocked war coverage from the top of the front page. Three people died in the storm, 2 from overexertion through deep drifts and 1 in a car accident. Streetcar and bus service halted. Only 1 car managed to travel Jasper Avenue from the west end to the city centre.

1989
 In Richmond, QC, a man was killed when tornadoes that killed 7 in New York State rushed the province. Winds of more than 200 km/h blew the roof off a St-Hilaire shopping mall. The tornado continued down the main street, shattering windows, knocking down trees, unroofing buildings, overturning cars, and leaving 100,000 Hydro-Québec customers without power.

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25 Years Ago 1992
 In Ontario's Niagara Peninsula, lack of heat and sunshine during the growing season affected the grape harvest, causing slow maturation and poor sugar content. Further, it was the latest harvest on record.

All Saints' Day

75 Years Ago 1942
 A US Army Air Force amphibious plane went down in rough weather in the eastern Gulf of St. Lawrence, killing 5 crew members. Their bodies were recovered 60 years later when divers with Parks Canada came across the underwater wreckage. Sonar data indicated the seaplane was in good condition and that human remains were present.

150 Years Ago 1867
 A couple living in the station master's house on Front Street in Toronto, ON, narrowly escaped being crushed in their bed when their 3-m-high chimney fell during a windstorm. The woman had gone upstairs, intending to go to bed, but then returned downstairs because she had forgotten something. While she was downstairs, the chimney crashed through the roof.

150 Years Ago 1867
 A strong gale hit southern Ontario, causing several ship-sinking disasters and building losses. Winds downed several vessels on Lake Ontario with the loss of cargo and at least one life. On Lake Michigan, the *Chieftain* was a total loss after being driven ashore.

Full Moon

2015
Warm southerly air pushed right across Baffin Island, NU, bringing unseasonable warmth and rain into the area. At times this week, Pangnirtung recorded similar temperatures to Toronto, ON, at 6°C. Although the air was warm, slippery roads made for dangerous driving, prompting school closures.

19

100 Years Ago 1917
Flooding ruined everything in the mission at Aiyansh, BC, including a winter's supply of provisions that had just been stored. The missionary's printing office was completely submerged, reducing precious books, including the backwoods library, to a muddy pulp. The people suffered much from the cold winter and the lack of proper food.

20

25 Years Ago 1992
A storm pounded Vancouver Island, BC, with hurricane-force winds. North of Nanaimo, winds ripped 300 boats loose from their moorings, piled them up, then beached them, causing about \$4 million damage. Trees and fences blew down, roofs lifted off, and power outages occurred. Rough seas and 3- to 4-m waves pounded Victoria's waterfront, prompting beach-front corridors to close.

21

2015
Repetitious November storms ushered in by cold frontal weather systems pleased skiers in British Columbia and Alberta as most resorts opened earlier with deep snows. Several resorts reported over half their runs open, raising hopes of a much better snow season than those experienced over the last 2 years.

22

150 Years Ago 1867
The thickest fog that ever enveloped Fredericton, NB, enshrouded the city. It was a fog that might be seen and felt, and into which people disappeared as if plunging into outer darkness.

23

150 Years Ago 1867
Bound for Le Havre in France, through the spray of a heavy gale, the *L.C. Owen* sighted a ship named the *Norwood* sinking in the North Atlantic. After a difficult 30-hour rescue, the *L.C. Owen* was able to bring all 25 crew members to safety.

24

75 Years Ago 1942
Whipped by 90 km/h winds, the worst storm of the "young" winter roared through Québec. Details of the storm were withheld for more than a week, owing to war-time security measures. Drifts blocked roads and highways, delayed trains, disrupted communications, and slowed commerce. Along the Gaspé coast, a tidal wave swept into the fishing village of Rivière-au-Renard.

25

150 Years Ago 1867
"After the fog and rain and mud of the 2 past days, the weather today has been more agreeable. We are sure, however, that the farmers are grateful for the rain that has fallen, and no doubt would have been glad of a continuance for a day or two longer, in order that their exhausted wells might be fully replenished before winter sets in."
Quebec City Gazette

26

1898
The worst storm in years in the Halifax, NS, area lay waste to the harbour as huge waves broke over the wharves. Damage to small craft and marine property was enormous. Electric and telephone wires became tangled and twisted all over the city. In Saint John, NB, the brick chimney of St. Luke's Episcopal Church was blown down. There was no evening service.

27

100 Years Ago 1917
In the Yukon, temperatures dipped to -40°C with a biting north wind. Horses were too sick to work. Three northerners succumbed to the "Frost King" – their bodies stark and stiff beside the trail. An accompaniment to the cold weather was thick fog, so "penetrating it congested one's lungs to breathe the frost-laden particles and so cold it congealed the very marrow in the bones."

28

150 Years Ago 1867
The long-continued drought with strong prevailing winds contributed to fires in Chatham, NB. Flames spread rapidly and fire broke out around 11 o'clock. In a short time, the whole block of buildings on the south side of King Street was totally destroyed, together with several houses in the square.

29

150 Years Ago 1867
During a gale, the ship *Stag* dropped anchor in the St. Lawrence River, near Trois-Pistoles, QC. The following day, surrounding ice cut her bow. Two days later she went down with a load of grain and 300 tonnes of government rifles. The crew launched 2 life boats: the mate and 23 men in one boat and the captain, pilot, second-mate, and 6 men in the other.

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NOVEMBER

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DECEMBER 2017

JANUARY

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28	29	30	31									

Sunday

Monday

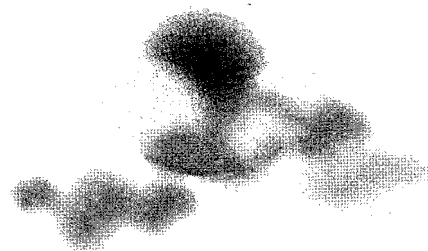
Tuesday

Wednesday

Thursday

Friday

Saturday



QUIZ
 Ulaanbaatar, Mongolia, has the coldest winter among national capitals. Where is the second coldest?
 1) Reykjavik, Iceland
 2) Moscow, Russia
 3) Astana, Kazakhstan
 4) Omsk, Siberia
 5) Ottawa, Canada
 Answer on inside back cover

Full Moon

100 Years Ago 1917
 At noon, a fierce northerly wind passed over Redcliff, AB, lifting the roof off the old Ornamental Iron building. Winds also blew away the newly built addition to the Rolling Mills plant. A fine residence on Fifth Street lost part of its roof. Some contend that the gale was a forerunner of the Union Government's clean sweep announced a few hours later.

25 Years Ago 1992
 Heavy snow mixed with ice fell in Toronto, ON. The weight of snow and ice snapped tree limbs that fell on numerous power lines, cutting service to thousands of residents. Over 2 days, the storm took its toll on Mount Pleasant cemetery, snapping limbs, splitting trunks and blowing over 100s of trees and shrubs in the cemetery's collection of exotic and domestic species.

150 Years Ago 1867
 The thermometer at Sarnia, ON, read 18 below zero (-28°C). Along with a keen north wind, the cold in the streets was frightful. The bitter weather had the effect of eliminating all unlawful acts as the police reported not a single offence against the laws had occurred.

25 Years Ago 1992
 A storm in Nova Scotia dropped 26 cm of snow on Sydney and generated winds gusting to 117 km/h at St. Paul Island. The storm knocked out power and forced the closure of highways and the cancellation of ferry services. In Newfoundland, the storm caused near-blizzard conditions along the west coast and the northern peninsula.

150 Years Ago 1867
 A severe drought reduced water in the Erie Canal in Ontario to record-low levels. A strong north-easterly gale sent Lake Erie waters westward, leaving the Niagara River and its tributaries at their lowest ever. The steamer *International*, which draws about 2 m of water, could not effect a landing, forcing passengers to use ladders to get on and off.

150 Years Ago 1867
 A severe windstorm in southwestern Ontario sank 2 ships in the St. Clair River. Buildings lost roofs, barns blew down, and fences were scattered. In Plympton, ON, a tree crashed onto a school shortly after the teacher dismissed the children early. A concerned school trustee had persuaded the reluctant teacher to dismiss the school just minutes before the tree came down.

150 Years Ago 1867
 In Montréal, QC, workers endeavoured to clear the wharves before ice covered them. The St. Lawrence River was rising rapidly. Soldiers were hired to assist in removing the wood and lumber supplies. The floating ice soon became stationary. Fears were also raised that severity of the weather would interfere with the city's water supply.

100 Years Ago 1917
 Following the Halifax (NS) explosion triggered by a ship collision, a blizzard struck with 41 cm of snow and winds of 55 km/h. The disaster killed 1,630 people, injured 9,000, and left 6,000 homeless. The wind blew away recovery tents and rain drenched the occupants. Victims spent the night in open fields. Rescuers were forced to turn from life-saving to recovery operations.

150 Years Ago 1867
 "It is now all but certain that the good ... people of the Niagara Peninsula [ON], as well as the scallywags and sinners, and those who take, read and appropriate newspapers without paying for them, will soon be favoured with some good sleighing. It has been snowing since Saturday, one flake every minute, and ... will certainly cover the ground before spring..." *The Evening Journal*, St. Catharines

50 Years Ago 1967
 Winds gusting up to 97 km/h caused widespread damage and power outages in Prince Rupert, BC. Portions of a highway were submerged when the wind whipped high tides across the road. Out at sea, the Canadian weathership *Quadra* was damaged during hurricane-force winds gusting up to 160 km/h. Weathership *Papa* reported 15 m waves.

150 Years Ago 1867
 A large ship with a cargo of timber grounded in the St. Lawrence River near Gaspé, QC. Thirteen crew members drowned. Ten others struggled ashore on floating timber but were badly frozen. Crews from other ships delivering winter supplies at the time were also badly frostbitten in the -25°C cold and had to be carried ashore.

100 Years Ago 1917
 A storm took down telegraph lines from British Columbia to Manitoba, entirely isolating western residents from the outside world. Freezing rain storms of unusual violence brought down miles of telegraph poles. Special trains were dispatched with repair gangs, but it took weeks to restore services and communications.

125 Years Ago 1892
 Passengers who arrived from the West Coast by steamer reported the roughest weather in months. The high winds packed rain, ice pellets, and snow. More than 35 cm of snow fell at Alberni, BC. A few feet of the mizzzen mast appearing above the water was all that marked the location of *Ericsson*, or what was once that ship.

100 Years Ago 1917
 A blizzard with gale-force winds in bitter cold air pummelled Toronto, ON, for 2 days, causing problems for horses. One "jockey" had to throw ashes under a horse's front feet so it could grip the pavement. A horse hitched to a coal wagon and blinded by snow stampeded over the sidewalk and halted within a foot of a huge glass window.

1929
 Old-timers declared that the deepest snow in 20 years blanketed Waterton National Park and the whole Southern Alberta mountain area. Snow 2 m deep piled up. Park wardens reported that the swimming pool collapsed under the tremendous snow accumulation, completely demolishing the structure. The dance pavilion was slightly damaged.

<p>25 Years Ago 1992 By morning, 60 cm of snow had accumulated on the road to Port Alice, BC, with 40 cm on the road to Holberg in winter's first major snowfall on Vancouver Island. More significant amounts occurred inland and over higher elevations. Most logging companies had not already shut down when the snow storm hit.</p>	<p>17</p> <p>150 Years Ago 1867 At around 3:00 AM, an earthquake was felt from Hamilton, ON, to Montréal and Trois-Rivières, QC. The tremor lasted only about a minute, and was strong enough to shake buildings, make dishes rattle, and arouse people from their sleep.</p>	<p>18</p> <p>25 Years Ago 1992 Heavy snowfalls occurred in southern and central BC. At Vancouver, 18 cm of snow fell in the first 12 hours of the storm, delaying flights from Vancouver International Airport. Four people died when whiteouts reduced visibility to nil on Highway 97 near Quesnel.</p>	<p>19</p> <p>75 Years Ago 1942 It was cold in Fort Selkirk, MB, with temperatures below -40°C. When a woman went outside to check her dog, "Sheep," a big black head emerged from the kennel. Thinking it was someone else's dog, she tried to chase it away. A huge gray wolf with a trap hanging on one foot stepped out. Old "Sheep" stood in front of his kennel to protect his friend.</p>	<p>20</p> <p>150 Years Ago 1867 Information was sketchy, but possibly as much as 80 mm of freezing rain fell in Ontario near eastern Lake Erie and western Lake Ontario. The next day, temperatures rose above the freezing mark, melting much of the accumulated glaze. If all the precipitation was freezing rain, then this would be the record to fall in one day in Ontario. [Adapted from writings of Malcolm Geast]</p>	<p>21</p> <p>50 Years Ago 1967 A snowstorm delayed air traffic in and out of Vancouver, BC. In Nanaimo, schools closed. Elsewhere, rain and snow-melting temperatures triggered widespread floods. Freezing rain turned Fraser Canyon highways into "ribbons of ice," stranding cars everywhere. Eleven Greyhound buses failed to reach Vancouver, leaving hundreds of passengers stranded.</p>	<p>22</p> <p>25 Years Ago 1992 A weather system brought 64 mm of rain to Prince Rupert, BC, causing 300 avalanches and debris flows. A massive ice jam in the Bulkley River near Smithers caused waters to rise dangerously. Pack ice backed up quickly upstream. A couple of days later, careening ice blocks 3- to 4-km long forced water levels 3 m above normal, prompting 50 residents to evacuate.</p>
<p>24</p> <p>25 Years Ago 1992 Before Christmas, eyewitnesses reported seeing a berth of sea ice estimated at 2 million tonnes drifting slowly eastward across the mouth of Conception Bay, NL. Christmas Eve</p>	<p>25</p> <p>2005 In Calgary, AB, it was more like Christmas in Hawaii, with plenty of bright sunshine and a daytime high temperature of 14.7°C, just shy of breaking a 20-year-old record. Residents strolled without jackets and ran without shirts. Firefighters had to warn people not to glide on dangerously thin ice.</p>	<p>26</p> <p>100 Years Ago 1917 Fort Smith, NT, recorded a temperature of -57.2°C, which remains today as the lowest temperature ever recorded in the Northwest Territories. The afternoon temperature warmed to a "balmy" -47.8°C.</p>	<p>27</p> <p>100 Years Ago 1917 A 3-day freezing-rain storm began in BC's lower Fraser Valley. Ice accumulated on wires to a thickness of 10 cm. Chilliwack was without hydro for weeks, and power was not restored to the interurban railway until February. Telegraph poles snapped, hurling wires to the ground and into the Fraser River. Thousands of fruit trees lay broken and shattered on the ground.</p>	<p>28</p> <p>75 Years Ago 1942 In one of the worst freezing-rain storms to hit eastern Ontario, 30 mm of ice brought the area to a standstill for days. It was a mass of tangled wires and trees with ice as thick as a person's wrist. The "ice blitz" hit Cornwall, knocking out electricity, telephone, and telegraph service for 10 days, and it took months to return essential services to customers.</p>	<p>29</p> <p>150 Years Ago 1867 From Hudson's Bay Company records at Fort Chimo (now Kuujuaq, NU): "Everything was crisp and cracking with frost. Our very dogs are yelling with cold and water freezing alongside our stoves filled with fire wood. The idea of 3 months more of such weather was not very cheering. Men hauled home fire wood and we were burning it as fast as they could bring it."</p>	<p>30</p> <p>25 Years Ago 1992 Since Christmas Day, a cold snap left Edmonton, AB, enveloped in a thick, grey fog, formed when water vapour from heating systems turned into ice crystals in the frigid air. The fog was so thick in parts of the city that the sun was rarely seen. One woman claimed, "It's so cold that my hair spray froze on the way to work."</p>
<p>31</p> <p>50 Years Ago 1967 At the Centennial Flame inauguration on Parliament Hill, Prime Minister Lester Pearson lit the flame with a torch. It didn't go out until 40 years later for renovations. New Year's Eve</p>	<p>New Moon</p> <p>Christmas Day</p>	<p>Last Day of Hanukkah</p> <p>Boxing Day First Quarter</p>	<p>Winter Solstice 11:28 EST</p>			

WEATHER QUIZ ANSWERS

- January: 3) backcountry skiers
- February: 2) snowshoeing
- March: 2) sleet
- April: 4) cloudy or overcast skies
- May: 1) a sunny day
- June: 1) Quentin
- July: 4) deplaning
- August: 5) Canada
- September: 2) Cloud Appreciation Society
- October: 5) fire cannons at the spout
- November: 4) 5 times
- December: 3) Astana, Kazakhstan