

JANUARY 2018

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Monday

Tuesday

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<p>January 7, 1917 7 In Edmonton, AB, the temperature soared from -30°C to +5°C. There was a rapid thaw of snow and rain fell. In addition, a warm genial wind from the southwest was chinook-like in its mildness.</p>	<p>January 1, 1999 1 Nine people died and 25 others were injured when an avalanche swept down on a New Year's celebration in an Inuit village. The avalanche crashed into a gym in Kangisuatlujuag, QC, a coastal village 1,500 km north of Montréal on Ungava Bay. Villagers immediately began kicking and digging by hand through 3 m of snow in a frantic effort to free dozens of trapped people.</p> <p>New Year's Day Full Moon</p>	<p>January 2, 1932 2 One of the heaviest and most damaging freezing rain storms in western Ontario left scores of villages, towns, and cities in isolation. Rain and freezing rain iced the highways and sidewalks while 65 km/h winds severed 1,000 telephone poles throughout the province. In Hamilton, every line in a 40 km radius was weighed down by the ice, taking down 100 telephone poles.</p>	<p>QUIZ 3 At Calgary in February 1988, for the first time in Winter Olympic history, an event was postponed because of: 1) avalanche 2) terrorist threat 3) Chinook winds 4) blowing sand 5) rain</p> <p><i>Answer on inside back cover</i></p> <p>Perihelion 0:34 EST</p>	<p>January 4, 2017 4 Fierce winds in Grand Étang, NS, collapsed a 15-year-old wind turbine. The main tower snapped in two after being pounded by strong southeast winds, known as <i>les suétes</i>, with gusts of up to 200 km/h. The company said it had installed almost 1,000 wind turbines in 7 provinces in the past 15 years, and it was the first time one had collapsed.</p>	<p>January 5, 1956 5 A freezing rain storm descended over parts of PEI and New Brunswick, disrupting communications and leaving hundreds of people without light, heat, and water. Bent television aerials hung in grotesque shapes. In southeastern NB, at least 8,000 utility poles collapsed and food was running low. With trees and poles falling everywhere, travelling on foot was extremely hazardous.</p>	<p>January 6, 1965 6 Heavy snow in southern Alberta and the coldest weather in Saskatchewan since 1933 resulted in the loss of several hundred thousand pheasants and Hungarian partridge. The game birds starved or became so weak that they were easy prey for predators. Ranch cattle in Southern Alberta experienced serious losses, and 77 antelope were killed by trains after wandering onto tracks in search of food.</p> <p>Epiphany</p>
<p>January 14, 1923 14 Following a snowstorm that dumped in excess of 35 cm of snow, fox ranches on PEI became so badly banked with snow that some 40 foxes walked out over the top of the wire fences. Search parties scoured the neighbourhood for prized foxes, but breeders lost much of their valuable captive stock.</p>	<p>January 8, 1901 8 Major Bennett of the Duke of Connaught's Own Rifles rebuked some men who refused to attend a service for the safe return of South African soldiers due to a "petty" snowstorm in Vancouver, BC. (Hardly petty: 111.3 cm of snow fell over the previous 8 days.) The major called them fair-weather soldiers, unfit to wear the Queen's uniform, and a curse and a disgrace to their regiment.</p> <p>Last Quarter</p>	<p>January 9, 2002 9 There was absolutely no useable snow within the Winnipeg, MB, city limits, causing concern to organizers of the popular Festival du Voyageur. They needed 120 tonnes of the white stuff. In light snowfall years, they would take snow from the rivers but this year, river access was denied. Plans were made to truck snow from rural areas or use a snow cannon.</p>	<p>January 10, 2016 10 Wet and windy weather struck Québec when up to 35 mm of rain fell along the St. Lawrence. Powerful wind gusts accompanying the weather brought down two brick walls in Montréal and contributed to power outages that affected 60,000 Hydro-Québec customers. Strong winds also caused storm surges in the Gaspé region and along the North Shore, severely damaging the boardwalk at Percé.</p>	<p>January 11, 1925 11 A shepherd and his dogs drove 2,000 sheep in the face of a blizzard, hoping to corral them in Brooks, AB, before nightfall. With daytime temperatures of -40°C, they managed to stay with the herd. But by the third day, a search party had to help move the flock to Brooks. In the end, only 8 sheep were missing, 4 carried off by coyotes.</p>	<p>January 12, 2016 12 A southeasterly flow of Atlantic air brought snow, strong easterly winds, and very mild temperatures to much of the eastern high Arctic. The strong winds up to 124 km/h at Pangnirtung, NU, led to power outages and property damage. Debris from building material flew through the air in Grise Fiord, damaging hydro lines and cutting off half of the community's electricity supply.</p>	<p>January 13, 2016 13 A storm developed near Cape Cod, MA, and intensified as it tracked northeastward across the Maritimes. A storm surge combined with high tides to give elevated water levels to the western and northern coastlines of PEI. Parts of Nova Scotia got 22 cm of snow in the winter's first significant blast.</p>
<p>January 14, 1923 14 Following a snowstorm that dumped in excess of 35 cm of snow, fox ranches on PEI became so badly banked with snow that some 40 foxes walked out over the top of the wire fences. Search parties scoured the neighbourhood for prized foxes, but breeders lost much of their valuable captive stock.</p>	<p>January 15, 1947 15 Perhaps the worst winter storm in Canadian railway history buried trains in the West in monstrous snowdrifts for up to 2 weeks. Near Weyburn, SK, men dug 6 m to reach the rails. A Hodgeville farmer fed his chickens through the coop's chimney, and a Moose Jaw farmer chopped a hole in his barn roof to get in to milk his cows.</p>	<p>January 16, 2016 16 Super El Niño took a break in mid-January, enabling bitterly cold air to sweep across the West in what turned out to be the coldest days of the winter. Wind chills made it feel like -40°C or colder, freezing exposed skin in under 10 minutes. Emergency shelters and animal rescue centres were busier than usual. Fortunately, it was remarkably short-lived.</p> <p>New Moon</p>	<p>January 17, 2017 17 In Québec, Montréalers enjoyed a warm spell between 5 and 10 degrees above normal in what is normally one of the coldest periods of the winter. In Kitchener, ON, there were 12 straight days with a daily high above zero – a remarkable mild stretch that was the longest since 1944 when the mild January run lasted 13 days.</p>	<p>January 18, 1998 18 The "ice storm of the century" prompted the postponement of the Rolling Stones concert at Olympic Stadium in Montréal, QC. Police had made the request because they were concerned about thousands of Stones fans travelling along icy roads and sidewalks to the concert. Officials also found a tear in the flexible roof at the stadium, caused by the buildup of ice.</p>	<p>January 19, 2004 19 Near Evangeline, PE, a storm surge at high tide carried tonnes of sea ice across cliffs and dunes, and slammed into beachfront cottages. The ice floes were 50 cm thick and from 3 to 4 m long. The ice pushed one cottage off its posts and deposited it 2 m inland. Sheets of ice crashed through a wall of another cottage, damaging the interior.</p>	<p>January 20, 1923 20 New Brunswick experienced 6 successive heavy winter storms this month. A record total of 94 cm of snow fell in Saint John. City workers toiled night and day, clearing away the snow. Doctors had difficulty treating urgent cases, resulting in considerable suffering and death. Rural doctors made house calls on snowshoes.</p>

January 21, 2016 **21**

During a recent cold spell, Hamilton, ON, paramedics responded to several emergency calls after authorities asked citizens to alert them when they saw people in the cold. Paramedics heard from concerned citizens who had mistaken *Homeless Jesus*, wrapped in a blanket and sleeping on a park bench, for a real person. Officials had to tweet the bronze statue's location to stop the calls.

January 22, 1949 **22**

Just hours before a severe snowstorm struck the barren, windswept ice field 120 km southeast of Churchill, MB, a Dakota aircraft was forced to land because of insufficient fuel. The downed plane's crew and 2 ill passengers escaped uninjured. A rescue by dog team was ruled out in favour of a light, single-engine aircraft because of cracks in the bay ice and open water.

January 23, 2015 **23**

A Pineapple Express storm walloped the west coast with up to 100 mm of rain, saturating the snowpack and forcing lower-elevation resorts to close ski runs. At Burnaby, BC, an all-day rain triggered washouts and floods. On Vancouver Island, the storm brought high winds and lashing rains to lower elevations, but copious snow to Mount Washington's ski resort, adding 60 cm to the 140 cm base.

January 24, 1957 **24**

Three Brantford, ON, schoolboys suffering cold and exposure were marooned in a tree in the middle of the flooded Grand River for nearly 3 hours after ice suddenly broke up. An off-duty fireman, spotting the boys, tried to wade out to them but was turned back by hip-deep water. Thousands of tonnes of ice were dumped over the Brantford and Wilkes Dam after a 2-day thaw.

January 25, 2014 **25**

A brief period of downslope flow from 2,400 m off the St. Elias Mountains in the Yukon brought a dramatic warming to Burwash Landing. The temperature jumped to a record 16.5°C when winds veered to the south and southwest in the early afternoon. It was quite possibly a record for January in the Yukon Territory

January 26, 1905 **26**

Few storms ever stopped railway traffic in New Brunswick like this storm. The night express train from Saint John stalled in 10-metre snowbanks near Truro, NS. The plough got separated from the locomotive and froze fast. The locomotive had to be cut from the rest of the train. Shovelling it out in fierce winds and blinding snow was "beyond the power of man."

January 27, 2001 **27**

A snowstorm hit St. John's, NL, dropping 6 times (more than 335 cm) the normal amount of snow. A radio station sponsored a contest asking listeners to submit original songs about the weather. The winner included the lines: "We're swimming in the snow, it's gotta be knee deep. We can't get it cleared because we're just a side street." Her prize? A cleared driveway.

January 28, 1915 **28**

Fire tugs rescued 300 fishermen off a Niagara River ice floe when it broke free and drifted toward the head of the river. The fishermen had been working off Windmill Point, ON, about 19 km up the north shore of Lake Erie. It took 2 fire tugs 3 hours to pick up the men and land them safely at the harbour entrance.

January 29, 2016 **29**

Some of the deadliest avalanche seasons are El Niño years. In British Columbia's deadliest avalanche season in 8 years, 5 snowmobilers from Alberta died east of McBride, a popular sledding area close to the BC/ Alberta border. Earlier in the week, heavy rain followed by a metre of fresh snow created stresses in the snowpack, increasing the avalanche risk.

January 30, 1954 **30**

A tornado, accompanied by heavy hail and lightning, struck White Point Beach near Liverpool, NS. Since tornadoes rarely occur in the Maritimes, even in summer, this was a freakish event. Wreckage was strewn over a distance of approximately 1 km, and large beams were driven into the earth to a depth of almost ½ m.

January 31, 1931 **31**

In Vancouver, BC, thickening fog forced the referee to bench the 2 soccer teams playing in the provincial cup final. The thick mist made it impossible for the 2,000 spectators to follow the play. Occasionally, spectators could see ghostlike figures emerging from the mist, which probably accounted for the sporadic bursts of applause.

First Quarter

Full Moon

February 18, 2017 **18**

Above-seasonal temperatures left the skating trail near the Forks in Winnipeg, MB, covered with a layer of water. The unseasonably warm weather also wreaked havoc on a number of winter activities scheduled for the Louis Riel Day long weekend, including the Wild Winter Canoe Race. Also of concern was the poor condition of roads in northern communities.

QUIZ **19**

What location in Canada has the best chance of a groundhog not seeing his shadow, thus an early end to winter:

- 1) Wiarton
- 2) Halifax
- 3) Toronto
- 4) Montreal
- 5) Winnipeg

Answer on inside back cover

Family Day (many provinces)

February 20, 2016 **20**

Several locations across southern Ontario had their warmest day ever, less than one week after shattering Valentine's Day cold-weather records. At Kitchener-Waterloo, temperatures soared to a record 12.2°C on the day hundreds participated in the biggest-ever Coldest Night of the Year walk. The exceptionally mild weather gave the fundraiser a last-minute boost in participants, but some were disappointed it wasn't colder.

February 21, 1958 **21**

After a 5-day search of Foxe Basin, NU, an Air Force plane failed to locate the ice floe on which an Inuit man and his son were adrift. To survive, the pair built an igloo and ate seal meat meant for their dogs. When the floe was blown against shore ice, they walked 30 km overland to Igloodik, NU, facing -40°C and strong winds.

February 22, 1897 **22**

Winnipeg, MB, ice dealers voiced concern about the climate's future. A dozen years ago, ice blocks from the Red River were more than 1.5 m thick but now averaged less than 1 m. They worried that hockey and curling would be replaced by mid-winter regattas – "And the unfortunate iceman will ... find his occupation gone and Winnipeg will ... import its supply from Dakota."

February 23, 2014 **23**

A huge avalanche ripped across the Coquihalla Highway, BC, the second in three days. It came from a pathway that had not reached the highway in 27 years. Crews used explosives in one of the highway's largest avalanche control operations. In the Kootenay Pass area of BC, four skiers from Nelson were hit by a slide that swept them over a cliff, killing one.

Yukon Heritage Day
First Quarter

February 24, 1985 **24**

The Sydenham River overflowed its banks in Dresden, ON. It was the worst flooding in at least 17 years and forced dozens of families to leave their homes. Water rose to the table-tops of a local restaurant. The owner pumped the remaining muddy water out the dining room. At Dresden Motors, staff had to move 60 cars off the lot onto higher ground.

February 25, 2016 **25**

During a bout of nasty weather south of the St. Lawrence River in Québec, residents experienced a bit of everything – rain, snow, ice pellets, freezing rain, fog, and high winds. Sherbrooke received close to 80 mm of rain. Gaspé Airport got 3 times its normal February rainfall. In some cities, rain became freezing rain. Slushy surfaces iced up when temperatures dipped below -15°C.

February 26, 1988 **26**

During the 1988 Winter Olympics in Calgary, AB, the American ABC Television Network joked that Miami had decided to bid against Anchorage, AK, for the 1994 winter games. The network displayed a graphic comparing the day's high temperature of 18.1°C in Calgary with the 19.4°C maximum reading in Florida.

February 27, 2016 **27**

There were a lot of happy maple syrup tappers in Québec and the Maritimes, owing to the exceptionally early start to the sap run in February (2 to 3 weeks earlier than normal), and a surprisingly long sap run due to ideal maple syrup weather, featuring sub-zero nights and melting days. In some sugar bushes, one-day flows were at record volumes with excellent flavour.

February 28, 2016 **28**

A record mild winter meant a short ice-road season in the NWT. Mild weather and scanty snow forced more than half of the ice roads to close after less than a month, cutting off lifelines of food and fuel for northerners and leaving dozens of drivers stranded. Ideal days for building ice roads numbered only 29 for the winter, compared to the normal 55.

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MARCH 2018

Sunday

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				<p>March 1, 2016 Across Ontario, March came in like a lion as a moisture-packed storm from Texas raked the province. It dropped 15 to 30 cm of snow across southern Ontario but higher amounts (45 cm) in the highlands south of Georgian Bay. Strong northeasterly winds at 70 km/h created blowing snow and whiteouts. Areas near the lower Great Lakes reported freezing rain and ice pellets.</p> <p style="text-align: right;">1</p> <p style="text-align: center;">Full Moon</p>	<p>March 2, 1965 Lucien Rivard, convicted drug smuggler, escaped from a Montréal, QC, jail after obtaining a garden hose, supposedly to flood the penitentiary skating rink. The weather was cloudy, with light winds from the southwest, and temperatures 5°C above freezing. It seems Rivard used the hose to scale the wall.</p> <p style="text-align: right;">2</p>	<p>March 3, 1941 A young farm boy walked 15 km through snowdrifts in -25°C weather to enlist in the army at Innisfree, AB, but was rejected by medical officers. He said, "It's a funny thing that I can walk 9 miles here and 9 miles return and still not be fit enough to join up." Recruiting officers were impressed by his spirit, but he was too young and too short.</p> <p style="text-align: right;">3</p>
<p>March 4, 1985 A blizzard in Toronto did something even the Bank of Canada could not accomplish – it stopped the slide of the Canadian dollar. The dollar normally trades in Toronto until 4:30 PM but, because of the foul weather, trading officially closed at 2 PM. Just as well, the dollar was losing ground to the strong US currency, closing at 71.76 cents (US).</p> <p style="text-align: right;">4</p>	<p>QUIZ What weather disaster kills more people than it injures: 1) tornadoes 2) hurricanes 3) avalanches 4) tsunamis 5) waterspouts</p> <p style="text-align: right;">5</p> <p><i>Answer on inside back cover</i></p>	<p>March 6, 1997 One of the season's worst storms battered eastern Canada from Montréal, QC, to Moncton, NB. In New Brunswick, schools closed, and ploughs couldn't keep up with street-clearing. Canadian Forces Base Gagetown, outside Fredericton, shut down, and nonessential personnel were sent home early. "If anyone invades," said one captain, "we'll tow their tanks out of the snow."</p> <p style="text-align: right;">6</p>	<p>March 7, 1959 In North Bay, ON, sportsmen concerned about the area's deer, organized a Feed the Deer Fund to haul in grain and hay on toboggans. The Department of Lands and Forests reported that 50,000 of the province's 250,000 deer will die of malnutrition without an early thaw. They cannot forage if snow is more than 50 cm deep.</p> <p style="text-align: right;">7</p>	<p>March 8, 2017 Weather forced the closing of the Burlington Skyway Bridge in Ontario in both directions when extreme winds caused an empty tractor-trailer to flip. Its driver said he might consider a different profession. "I'm going to become a pilot, now that I can fly." Elsewhere, gusts fanned fires, toppled trees, killed power, and closed roads. Pedestrians struggled to avoid flying debris.</p> <p style="text-align: right;">8</p> <p style="text-align: center;">Last Quarter</p>	<p>March 9, 2016 The mild winter with very little snow resulted in huge savings for governments and businesses and energy-conscious Canadians. The unprecedented mildness and sunshine led to the cancellation of winter carnivals, dogsled races, ice-fishing derbies, and pond-hockey tournaments. Cross-country skiers and snowmobilers cursed the warmth, as did ice-wine makers and ice fishers.</p> <p style="text-align: right;">9</p>	<p>March 10, 1963 A rare funnel cloud during a snowfall struck a farmhouse outside of Barrhead, AB. The mini-tornado took the roof off the house and sent the porch roof to settle on a nearby fence post. It also twisted off the tops of some 12-cm-round trees and blew them into an adjacent field.</p> <p style="text-align: right;">10</p>
<p>March 11, 1898 A young John G. Diefenbaker and his uncle were at a concert when a blizzard struck and temperatures fell to -22°C. They became disorientated on the way home and young John fell asleep. When the pair arrived home, John's legs were like "blocks of wood." For years, the future prime minister was afraid to go outside in a blizzard.</p> <p style="text-align: right;">11</p> <p>Daylight Saving Time Begins</p>	<p>March 12, 1899 The new 8,200-tonne steamer <i>Castilian</i>, one of the world's largest steamers, came aground in dense fog about 20 km from Yarmouth, NS. Those on board were unaware of the accident until the fog lifted and they saw the shore. Water filled the forward compartment, drowning 200 sheep. Just 10 days later, the <i>Castilian</i> broke apart during a gale.</p> <p style="text-align: right;">12</p>	<p>March 13, 2016 The largely ice-free Gulf of St. Lawrence was not a surprise given that it was the third warmest winter in nearly 70 years of records. Along the Atlantic coast, tourists, tour operators, and photographers delighted in a bumper crop of gigantic icebergs that – due to strong northerly winds – travelled further south and closer to the coast, making them more visible from shore.</p> <p style="text-align: right;">13</p>	<p>March 14, 2017 A blizzard in southern Québec deposited 38 cm of snow in Montréal, topped by St-Hyacinthe with 75 cm and St-Hubert with 73 cm. East of Québec City, winds reached 120 km/h. Gridlock saw 300 vehicles stuck overnight on storm-swept Hwy13. On Hwy 20, two tanker trucks collided, spilling 20,000 litres of bleach onto the highway. Canada Post suspended the province's mail delivery.</p> <p style="text-align: right;">14</p>	<p>March 15, 1959 Gale-force winds gusting up to 150 km/h lashed southern Ontario. Three young sisters from Merriton, ON, escaped injury when a 10-m chimney blew down and crashed into the bedroom of their home. In a freak incident in Toronto, a little spaniel was blown from the roof of the owner's 3-storey home to the roof of an adjoining 2-storey building, unharmed.</p> <p style="text-align: right;">15</p>	<p>March 16, 1935 The winter's heaviest blanket of snow fell in northern Ontario, while floods threatened the south. Sudbury reported drifts 2 m deep and traffic was suspended until almost noon the next day. Snow ploughs were out in North Bay and trains struggled to meet schedules. In southern ON, high winds around Fort Erie blew the roof off the baseball stadium, depositing it on Niagara Boulevard.</p> <p style="text-align: right;">16</p>	<p>March 17, 1998 Nothing was green in Calgary, AB, on St. Patrick's Day after its worst mid-March storm in 113 years. The record snowfall produced slick roads and power failures. Flights were cancelled and businesses and schools closed. Downtown Calgary was a ghost town. Motorists couldn't dig out of their driveways, and the bus system ground to a halt. Ranchers had to feed their stock from horseback.</p> <p style="text-align: right;">17</p> <p>St. Patrick's Day New Moon</p>

<p>March 18, 1899 On the cliffs overlooking Québec City, QC, an immense amount of snow had gathered over the winter. When a strong gale triggered an avalanche, a passing freight train was completely swallowed up. It took more than 150 men to dig the train out before another avalanche buried 15 workers. After about an hour's hard labour, rescuers found a missing worker unconscious and weak.</p>	<p>March 19, 1963 A celebrated exploration ship, the auxiliary barquentine <i>Bear</i>, which took Rear-Admiral Richard Byrd of the US Navy to the Antarctic in 1933 and 1939, was being towed to Philadelphia to be converted into a floating restaurant and museum when she broke adrift in 10-m waves south of Shelburne, NS. The <i>Bear's</i> two-man crew abandoned the ship and boarded a raft dropped by aircraft.</p>	<p>March 20, 1947 Four bodies were recovered from the floodwaters of the Red Deer River in Alberta. Had the women and children stayed home, they might have been safe but, in the dark, they apparently stumbled into the ravine where the water rose 3 m. Their home was tilted on its side, surrounded by huge blocks of ice floating in the slush.</p>	<p>March 21, 1961 A savage surprise snowstorm battered PEI with winds that reached 125 km/h, suspending most travel and stranding hundreds of people in Charlottetown. A call from Montrose to remove a snowbank from the 10-m-high main power line from Alberton to Tignish was first thought to be a joke by the Maritime Electric Company, but the 6,900-volt lines were completely covered.</p>	<p>March 22, 1992 A major spring snowstorm bringing 38 cm of snow and metre-high drifts paralyzed Cape Breton, NS. Whiteout conditions forced authorities to shut down the Canso Causeway and Sydney Airport. Freezing rain and ice pellets kept federal NDP leader Alexa McDonough's plane from landing in Sydney, where she was to speak to a group of 400 faithful at a provincial rally.</p>	<p>March 23, 1951 A rockslide this week came down 8 km west of Kwinitsa, BC, just as a train was going by. It missed the engine but derailed the first two cars and ripped out the rails. An earlier slide at the same spot took out communications to Prince Rupert. Another slide at the tunnel near Kwinitsa blocked the highway to a depth of 3.6 m.</p>	<p>March 24, 2016 More than 100,000 customers in southern Ontario were left without power before the Easter weekend. Ice-coated wires and branches and 10 to 30 mm of glaze on streets and sidewalks made driving and walking treacherous. The hardest hit areas were Fergus, Orangeville, Newmarket, and Barrie, where over 24 hours of freezing precipitation fell. Insurance losses were over \$26 million.</p>
Spring Equinox 12:15 EDT		World Meteorological Day		First Quarter		
<p>March 25, 1956 The third snowstorm in 8 days had Maritimers floundering in drifts again. Up to a foot of snow fell along the Nova Scotia coast. A weekend deposit of 24 cm brought the month's total to 95 cm. The previous record for March was 81 cm in 1884. Ecum Secum was the snowiest spot with 137 cm on the ground.</p>	<p>March 26, 1997 A mudslide along CN Rail's main line in BC's Fraser Canyon caused an eastbound freight train to plunge into a huge hole and erupt in flames. Two train-men died. About 50 m of track had been wiped out by the slide. Storage cars filled with sulphur, prompting fears the chemical would ignite and release clouds of poison.</p>	<p>March 27, 1935 Driven by winds that reached 68 km/h, a "black blizzard" swept through Regina, SK. The strong wind, carrying dust and snow, continued for 24 hours. Highways were blocked and motorists became "storm-stayed." The choking dust made life miserable for prairie dwellers. Stock and cattle suffered from the gale, which drove dust and snow at them for hours.</p>	<p>March 28, 2011 In Edmonton, AB, it was the winter that wouldn't end, with the 8th highest snow amount since 1880. At Snow Valley, the ski season was extended another month, the latest the hill has ever been open. But sports enthusiasts had to wait for playing fields to dry. For river valley bike riders, trails could be closed for weeks because they're too icy or hazardous.</p>	<p>March 29, 1975 Winds on the BC coast gusted to 120 km/h, but that's only a guess because the gale blew away the wind anemometer. Five people went missing after 2 boats capsized on the Fraser River. In 15 hours, the search-and-rescue centre in Victoria handled 35 reports of ships sunk, aground, or in collision. At the Vancouver airport, many small planes flipped over.</p>	<p>March 30, 1848 A wind-driven ice jam near Buffalo, NY, caused Niagara Falls to run dry. The sudden silence startled hundreds from their sleep and filled churches with those who feared the end of the world. More than 5,000 sightseers jammed roads to see the spectacle. Daredevils walked out on the dry river bed and picked up muskets and other relics of the War of 1812.</p>	<p>March 31, 2016 Three landmark rainy days in March helped to make the month the wettest on record in Windsor, ON. The monthly rain total of 123.8 mm broke the previous record of 114.6 mm set in 1973. Fortunately, the record rainy days were not consecutive. Residents with flooded basements or yards couldn't believe that March had only 11 wet days.</p>
Palm Sunday		Good Friday		Full Moon		
				First Day of Passover		

MARCH

MAY

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APRIL 2018

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Saturday

<p>April 1, 2016 The RCMP in Nova Scotia arrested weather prognosticator Shubenacadie Sam following several complaints of public mischief over publicly making false claims that winter would be over two weeks ago. Sam declined to turn himself in, so authorities showed up at his burrow and made the arrest. The 37 cm of snow over the next 2 weeks was all the proof authorities needed.</p> <p>Easter Sunday</p>	<p>April 2, 1885 A vicious 3-day blizzard, the longest in living memory, dumped over 100 cm of snow on Ottawa, ON. The snow fell for 52 hours, causing the roof of the Royal Museum Theatre to collapse with such a loud crash local residents thought a powder magazine had exploded. Fortunately, the theatre was empty at the time because the blizzard had forced cancellation of the matinee.</p> <p>Easter Monday</p>	<p>April 3, 1934 A violent wind event and possible tornado raked a 14-km track near Ridgeway, ON. Winds took part of the roof off a house and blew off the doors. Winds also took out a house at a gas station and lifted a garage from its foundation, dropping it into Lake Erie. All telephone lines were brought down and several poles were toppled over.</p>	<p>April 4, 1914 Seventy-seven crew members of the sealing steamer <i>Newfoundland</i> froze in an Arctic blizzard. For two days and nights, the crew of 170 sought shelter and were without food. The disaster left hundreds of widows and orphans dependent upon charity in communities now deprived of their breadwinners.</p>	<p>April 5, 2004 A family that fled South Africa due to sun allergies was granted a 2-year temporary resident permit for Prince Rupert, BC, where the climate relieved their extreme form of porphyria. In South Africa, the children only went out after sunset. Prince Rupert has the most rain, the least sun, the fewest sunny days, and the cloudiest skies year-round in Canada.</p>	<p>April 6, 1954 A Hanover, ON, woman – housebound with arthritis – walked upstairs for the first time in 2 years after lightning struck her home. Another bolt struck the home of her son on the farm next door, blowing out all the windows on the main floor, making a shambles of one room and leaving the family dog deaf.</p>	<p>April 7, 1977 The Toronto (ON) Blue Jays played their inaugural home baseball game at Exhibition Stadium before 44,649 fans. At the start of the game, light snow fell and there was a -10° wind chill. Head umpire Joe Brinkman said he had never seen snow at a ballpark before. Umpire Rich Garcia from Florida said he had never seen snow, period! Blue Jays 9, White Sox 5.</p> <p>Last Day of Passover</p>
<p>April 8, 2016 Powerful winds and heavy rains knocked out power to thousands in Nova Scotia. Heavy downpours caused flash flooding and pooling on streets. Storm surges occurred in Digby, Yarmouth, and Shelburne counties. The same weather killed power to thousands in New Brunswick and led to the closure of 8 schools in the St. Stephen and Bay of Fundy areas.</p> <p>Last Quarter</p>	<p>April 9, 1896 Near Pense, SK, 2 brothers constructed a prairie schooner/ice boat with wide and broad runners. With favourable winds and snow, the boat can outstrip any ordinary team of horses, making a distance of 15 km in less than half an hour. Judging by the popular success of this prairie craft, several speculated that snowboat clubs will be the new winter sport and recreational rage.</p>	<p>April 10, 1965 A morning mudslide near Quesnel, BC, blocked the Pacific Great Eastern rail tracks with tons of water-loosened earth, toppling fir trees – some close to 75 cm in diameter. The rail tracks were submerged under mud more than 6 m deep. Incredibly, rail service resumed two days later. A 6-m section of rock wall near Lillooet, BC, gave way and killed a 13-year-old boy.</p>	<p>April 11, 2004 For the first time, Environment Canada asked the UN World Meteorological Organization to retire a storm name: "Juan." Hurricane Juan took many lives and caused great damage when it swept through the Maritimes in September 2003. The WMO replaced "Juan" with "Joaquin." An Atlantic hurricane cannot be named Juan for at least 10 years.</p>	<p>April 12, 1999 Alberta Fish and Wildlife officials were getting daily calls from farmers about weak and dying moose stealing from their hay reserves. Officials blamed the previous dry summer and fall for an abundance of ticks that made the moose spend so much energy getting rid of them that they didn't eat enough to survive the winter. Some moose were infested with over 100,000 tick bites.</p>	<p>April 13, 1941 Lightning struck the same barn twice in 8 years at Winterbourne, ON. This strike caused a "green ball of fire burst" against the barn. Pigs, calves, and chickens were roasted and farm implements were lost. In the first strike, the bolt had passed through a window, between the farm wife and her 4-year-old daughter, then travelled from the house to the barn.</p>	<p>April 14, 2016 Igaluit, NU, experienced an exceptionally snowy period from late March to mid-April. During a 20-day stretch that began on March 26, there was 160 hours of snow, about 56 cm in total – 7 times the amount of snow the city would normally receive during that time.</p>
<p>April 15, 1912 On the night of the 14th/15th, the <i>Titanic</i> collided with an iceberg 700 km southeast of Newfoundland. At least 1,500 of the 2,200 aboard drowned. St. John's had clear skies with light winds. Even a slight wind would have caused ripples at the base of the iceberg, making it easier for the lookout to spot, and perhaps providing enough warning to have avoided the collision.</p> <p>New Moon</p>	<p>QUIZ How long does a typical water molecule spend in the atmosphere before condensing and falling back to the surface? 1) one day 2) seven days 3) three weeks 4) one month 5) one year</p> <p>Answer on inside back cover</p>	<p>April 17, 1963 The first major thunderstorm of the year struck Southern Ontario in Toronto, causing a spectacular display of lightning. In Etobicoke, lightning struck three houses. In Hamilton and Guelph, hailstones the size of golf balls blanketed streets and lawns. Also in Hamilton, crashing hailstones broke tree branches and heavy rain flooded several basements.</p>	<p>April 18, 2016 A freak storm brought thundersnow to Yellowknife, NT, when warm southern air collided with a cold Arctic front. Thunderstorms in the north are rare outside of summer. Lightning illuminated the night sky. The spheric detection system recorded 4,000 lightning strikes.</p>	<p>April 19, 2016 Hot and dry spring weather and a scanty snowpack brought an early and intense start to the wildfire season in northeastern BC. Flames prompted evacuations at Fort St. John and Prince George. Two months later, all-time record rains of 130 mm caused floodwaters to rush through the same area, leaving behind a trail of destruction, washing out roads and bridges, and damaging power lines.</p>	<p>April 20, 2016 A powerful, slow-moving storm packing heavy snow and strong winds tracked east of Newfoundland. An oddity of the storm was the reversal of winds, which blew from the southeast to west, causing snowfalls of up to 50 cm – rare for such a late date and the greatest ever recorded in St. John's after April 5. Winds peaked at 100 km/h, creating monstrous drifts.</p>	<p>April 21, 2016 In the Yukon, a holdover fire that flared up when forest litter dried was one of the earliest in recent years. Dawson City saw the earliest Yukon River breakup in 120 years of record-keeping. More typical ice break-ups occur in early to mid-May. This is only the 10th time since 1896 that it's happened in April – 8 of those in the last 30 years.</p>

April 22, 1936
Rampaging floodwater of the Athabasca River in Fort McMurray, AB, inflicted destruction, leaving wrecked communication lines, damaged homes, and splintered river boats in its wake. Six families were forced to flee their homes west of Edmonton. Ice cakes piled to a height of 4 m on the North Saskatchewan River, ripping out overhead telephone wires. Two large boats went down.

22

April 23, 1909
Lightning struck telephone wires near the Ontario Powder Company's office in Tweed, ON. The electrical charge ran into the building's engine room, knocking a big hole in the wall and shaking up workmen. A few metres away stood a carload of dynamite, fortunately untouched. Lightning also damaged the town's electric plant, telephone office, and outside telegraph communications.

23

April 24, 1904
During a heavy rain storm in Midland, ON, a single clap of thunder and flash of lightning set fire to the grain elevator. As the fire progressed, the heavy machinery upstairs began to fall. Soon the whole building was a mass of flames, burning fiercely in the increasing wind. Fortunately, the wind was from the south, blowing large boards out onto the ice on the bay.

24

April 25, 1950
Not since 1826 had there been so much water in Manitoba's Red River Valley. Winds drove choppy waves against thin sandbag barriers guarding Winnipeg's southern approach. Plunging temperatures threatened river freeze-up and ice blocks hammering towns. Blizzards hampered rescue work and brought hardship to thousands of homeless and to those who had no heat due to flooded furnaces.

25

April 26, 1939
A rancher from Prince George, BC, reported the loss of a calf. City police checked restaurants, butcher shops, and farmers for clues. No trace of the missing animal was found, until the owner reported finding the calf dead beside his dairy barn. Apparently, the animal had been standing beneath the barn's roof when an avalanche swooped down and entombed him under 2 m of snow.

26

April 27, 2008
New Brunswick experienced its worst flooding in 35 years along the Saint John River, affecting some 1,600 properties and causing \$50 million or so in damages. Riverside basements filled with smelly, debris-laden water. Rising waters forced the closure of the New Brunswick legislature. Harried employees at Beaverbrook Art Gallery rushed artworks up from the basement.

27

April 28, 2005
As much as 100 mm of rain fell across Québec and New Brunswick just as snow was rapidly melting. Rivers across Québec overflowed, causing landslides and washed-out roads. In the village of Petite-Rivière-St-François, QC, rising waters forced over 25 families from their homes, some for more than a week. Damage to 30 homes was so extensive that they were condemned.

28

Earth Day
First Quarter

April 29, 1973
A twister at Thunder Bay, ON, caused severe damage to a small house and scattered its debris as much as 500 m away. A doghouse, complete with dog, was lifted about 5 m off the ground then slammed back down a short distance away.

29

April 30, 1925
The North Atlantic was heavily shrouded in fog when a northeasterly wind and rain storm overtook a steamer and a 3-masted schooner. Five lives were lost when the wooden coal-laden steamer from Norfolk, VA, ran aground and sank near the salt-laden schooner off Cape La Nava. Two other steamers were lost off the southern coast of Cape Breton Island.

30

Full Moon



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MAY 2018

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Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

		<p>May 1, 1984 1 A raging windstorm in Toronto, ON, forced postponement of the ballgame between the Toronto Blue Jays and the Texas Rangers after 5 pitches and 2 outs. Winds of 100 km/h blew players out of their positions and swirled dirt around like buckshot. The wind was especially tough on players wearing contact lenses, on vendors selling popcorn, and on umpires – from batters spitting into the air.</p>	<p>May 2, 2016 2 A tree fell on a Port Coquitlam, BC, home during a wind and lightning storm, injuring an occupant in bed. Meanwhile, the record warm spring meant gardeners were flocking early to local garden centres to get their pick of popular colours. People were cutting their grass much sooner than normal this year and bulbs were blooming earlier.</p>	<p>May 3, 2016 3 The tinderbox around Fort McMurray, AB, was about to become the most destructive firestorm in Canadian history. The El Niño-influenced winter/spring was the driest in 72 years. Fire crews contained the fire briefly, but then blustery winds blew the blaze out of control. Nicknamed "The Beast," it became the costliest catastrophe in Canadian history: \$4 billion in insured losses and billions more in uninsured.</p>	<p>May 4, 2016 4 Temperatures soared in Winnipeg, MB, to an unbelievable 35.2°C. It was the city's earliest 35°C reading since records began in 1872 and, as it turned out, it was the highest temperature of any day in 2016 – a good 7 weeks before the official start of summer. Across the west, keeners flocked to parks for picnics, fraternized on patios, and cycled and golfed much earlier than usual.</p>	<p>May 5, 1832 5 Recollections from Newfoundland: "The past winter was certainly the most severe that I have ever experienced. It was frozen almost incessantly since last November, the thermometer having fallen frequently from -26°C to -28°C. The whole coast was completely blocked up with ice. The cries of distress, bordering on actual starvation, were truly appalling."</p>
<p>May 6, 1536 6 Jacques Cartier sailed home after spending a severe winter near Québec City, QC. He and his men suffered from the intense winter cold and scurvy; 25 died before spring arrived.</p>	<p>May 7, 1918 7 The gardener at Casa Loma in Toronto, ON, thought it was the end of the world when lightning struck the roof of the castle. It damaged a stone gargoyle at the southeast corner of the roof, streaked down the tower, cleared off 6 m of tiles, and sent them clattering to the ground. Four large holes were left on the east side of the main roof.</p>	<p>May 8, 1895 8 A slight rain shower in Winnipeg, MB, on a warm afternoon with temperatures around 26°C included huge black flying ants the size of wasps. Described as similar to the African ant, the winged insects covered sidewalks, roads, roofs, and entered homes.</p>	<p>May 9, 1534 9 Jacques Cartier, a Breton sea captain from Saint-Malo, France, set sail with 2 small ships and a crew of 61 men to explore new lands and find gold. With the weather on his side, he made it across the Atlantic in 20 days. In 3 voyages, he mapped the Gulf of St. Lawrence and claimed Canada for France, giving the country its name from the native word "Kanata."</p>	<p>May 10, 2004 10 For drivers in Amherstburg, ON, it was a scene right out of a horror movie. About 20 dead and 12 injured seagulls littered the ground near River Canard. Amherstburg police figured the birds died during an overnight storm, possibly as the result of a lightning strike. One motorist said it was a frightful and horrible scene.</p>	<p>May 11, 1911 11 A cyclone swept over the eastern Prairies, cutting telegraphic services. Lightning was so intense it burnt out most substations. The greatest damage was in Portage la Prairie, MB. Accompanying high winds were ice pellets and rain of proportions never seen at this time of year. Winnipeg was practically cut off from outside communication due to collapsed poles and downed wires.</p>	<p>May 12, 1941 12 The 10-m-high Ellis Creek dam broke overnight, releasing a flood that struck Penticton, BC. The rampage washed away land and tore through orchards. Some orchards were coated with soft silt, others had top soil washed away. Floodwaters gouged out river banks and destroyed cabins. Numerous streets and the main highway were inundated. Several homes had flooded basements.</p>
<p>May 13, 1971 13 A blinding dust storm, whipped by winds of up to 113 km/h, roared through Rosthern, SK, and district, leaving in its wake considerable damage to buildings, fences, trees, and motor vehicles. The high winds fanned stubble fires, which had been started during the day, spreading fire to several farm locations. Housewives found dust in their cupboards and clothing for days after.</p>	<p>May 14, 1882 14 The steamship <i>Mississippi</i> had never in its 23 years encountered such large masses of ice in the Gulf of St. Lawrence. The ship met dense fog and was bumped by a Norwegian ship, startling the 588 passengers on board, who were then locked in the ice for 2 weeks. Seals sported at the edge of the ice, and one big seal was shot and taken on board.</p>	<p>May 15, 2016 15 London and Windsor, ON, had their coldest April in 20 years and both cities reported snow. Officials worried that the partially frozen ground might lead to flooding. In southern Quebec, cruel April became miserable May as temperatures dipped 6 to 12 degrees below normal. The Eastern Townships and Beauce received 5 to 7 cm of snow, while 10 to 15 cm fell in Abitibi.</p>	<p>May 16, 2016 16 Drought-like conditions became a serious concern across Alberta for a second year in a row. Crops had already been seeded for 2 or 3 weeks and had started germinating. Grasslands were looking parched. Besides lack of rain, unseasonably high temperatures and high winds dried out the soil. One crop flourishing in the drought was the dandelion.</p>	<p>May 17, 2015 17 The spring crab fishery season was a bust in northern Cape Breton, NS. Ice and heavy snow prevented many of the 70 fishermen from getting out on the water. Several couldn't get their gear ready because it was still buried in the snow. Plant workers missed out on three weeks of work with only about 20% of the expected catch to process.</p>	<p>QUIZ 18 What is the prime target of lightning? 1) lumber yards 2) airports 3) churches 4) schools 5) golf course club houses</p> <p><i>Answer on inside back cover</i></p>	<p>May 19, 1908 19 A passenger steamer left Port Hawkesbury, NS, for Charlottetown, PE, in very dense fog. When the steamer was abreast of Cape Porcupine, NS, the captain mistook a home for a lighthouse and altered course. The ship soon ran ashore, striking McMillan's Point. The ship rapidly took on water but not before rescue boats were launched and passengers taken ashore.</p>

<p>May 20, 1902 In Manitoba, tornadic winds uprooted trees, shattered fences, and dismantled buildings, scattering wreckage far and wide. One house was wrecked when its whole upper part was carried away. The air was thick with flying timbers and furniture. So violent was the storm that ducks on a small lake floated to the banks, dead, after the water was churned into a foaming whirlpool.</p>	<p>20</p> <p>May 21, 1921 Lightning struck a farmhouse near Tracy, NB, killing a farmer, paralyzing his wife, and stunning their little girl. It also set fire to the house, which, in the high wind, burned so quickly that the farmer's body was consumed before it could be removed. The child recovered consciousness in time to drag her mother to safety.</p> <p>Victoria Day First Quarter</p>	<p>21</p> <p>May 22, 1902 Eight men and teams of horses were ensconced under a shed on a farm when a storm came up near Windsor, ON. The wind blew the shed down, knocking all men and animals to the ground. Two horses were killed. One dwelling was struck by lightning, its 3 occupants severely burned. Lightning struck 3 people sitting around the kitchen table, rendering them unconscious.</p>	<p>22</p> <p>May 23, 1953 While a twister sliced across southern Ontario, a crew from an appliance store arrived at a home near Woodstock to install a new gas range but couldn't find the house. In another nearly demolished house, a glass chandelier in the hall hung undamaged by 3 delicate chains, and an unscratched china cabinet stood next to a demolished grand piano.</p>	<p>23</p> <p>May 24, 1953 A massive storm battered PEI with 90 km/h winds, causing massive damage to lobster traps and fishing gear. Two veteran fishermen risked their lives rescuing 2 boys trapped on a lobster boat.</p>	<p>24</p> <p>May 25, 2016 Across southeastern New Brunswick, the season's first thunderstorm caused flooding and power outages. Clouds moved in as the rainfall became heavier, drenching pedestrians. In Riverview, flooding led to some street closures with water 30 cm deep in places. The storm also caused power interruptions in more than 1,600 homes in the Shediac-Cap-Pelé area.</p>	<p>25</p> <p>May 26, 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>May 27, 1903 A tornado skipped through Blackwell, ON, destroying every thing in its track. Barns and outbuildings were completely destroyed and scattered over the countryside. Even cement foundations were torn to pieces. Large trees were broken and upturned and small trees were yanked out of the ground. The cyclone passed over Lake Huron, triggering a waterspout.</p>	<p>27</p> <p>May 28, 1994 Nine days after a balmy high of 21.4°C, a 2-day blizzard pounded Inuvik, NT. Temperatures dipped below -8°C, winds blew in excess of 70 km/h, and snow totalled almost 25 cm over 2 days.</p>	<p>28</p> <p>May 29, 1914 The CP liner <i>Empress of Ireland</i> collided with a Norwegian collier in the St. Lawrence River, 12 km northeast of Rimouski, QC. The freighter cut through the steamship like a can opener and it sank in 14 minutes, drowning 1,012 people. There were reports of a bank of fog rolling across the river but the weather at Anticosti and Québec was clear with light northeast winds.</p> <p>Full Moon</p>	<p>29</p> <p>May 30, 2016 In the Cowichan Valley of BC, total rainfall over the past five months was 36% of normal. At the end of May, Cowichan Lake was about 46% full – the lowest late-May level since the weir was built in 1957. Over half of the province's observed wells reported below-normal levels. Officials urged residents to voluntarily conserve water, cutting usage by 30%.</p>	<p>30</p> <p>May 31, 2016 At the end of May, the Beaufort Sea – which is normally 92% frozen – was only a little more than half ice-covered. Melting began in May, a full month ahead of normal and a record early start.</p>	<p>31</p>		

MAY

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JULY

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JUNE 2018

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

					<p>June 1, 1943 Closely following excessive heat and high humidity, a gale of near-tornado proportions howled near Rodney, ON, wrecking barns and factories. The windstorm, accompanied by driving rain, toppled the smokestack of Federal Foundries, Ltd and blew out its windows. Winds also blew a motorcyclist off his bike and took out half the trees in an orchard at Hickory Corners.</p>	<p>June 2, 2016 Québec's first tornado of the season was confirmed in the heart of Maniwaki and rated an EF-1. Winds were clocked at between 135 and 175 km/h, powerful enough to damage roofs, uproot trees, tear off doors, and cause a store's brick wall to collapse.</p>
<p>June 3, 1999 Clouds of yellow pine-tree pollen fell onto the Bay of Quinte and the smaller inland lakes of Prince Edward County, ON. Transported by the wind, the large volume of pollen was the result of the warmer-than-usual spring. A waxy substance coating the pollen made it quite buoyant. It gathered along shorelines and became a large floating mat in bays, sometimes as deep as 15 cm.</p>	<p>June 4, 2014 A few kms southwest of Alix, AB, a twister touched down just before a family headed into the basement to wait out the storm. As windows rattled upstairs, shingles were ripped from the roof and fascia torn off. Their 5-m trampoline was picked up and blown more than 150 m across the yard into a line of trees. A wooden staircase was also tossed across the yard.</p>	<p>June 5, 1816 A major snowstorm occurred at Québec City, QC, halting all road traffic. A widespread killing frost followed on the 10th and 11th that wiped out virtually all plantings in Ontario and Québec. Freshly shorn sheep died. Ten days later, temperatures climbed to the high 90s F (low 30s C) then fell below freezing again, a pattern that persisted during the "year without summer."</p>	<p>June 6, 1999 A family of tornadoes ripped up trees and dumped baseball-size hail over a wide section of southern Manitoba. One twister touched down around 3:30 pm in the Piney area, 130 km southeast of Winnipeg. Said one resident, "Our doghouse was thrown about 10 feet with the dog inside." The dog survived unscathed.</p> <p style="text-align: right;">Last Quarter</p>	<p>QUIZ People who spend a lot of time outdoors know an early morning dew or frost is usually a sign of: 1) a sunny day 2) a rainy day 3) a thunderstorm very likely 4) fog by late afternoon 5) gusty winds</p> <p style="text-align: right;"><i>Answer on inside back cover</i></p>	<p>June 8, 2013 The soggy remnants of tropical storm Andrea drenched the Maritimes, knocking out power to thousands, and turning the region's streets and highways into water-covered roads. A private weather station in Tantallon, NS, recorded 132 mm of rain. The storm tracked south of Newfoundland, bringing up to 58 mm of rain. Winds at Wreckhouse, NL, were the strongest at 115 km/h.</p>	<p>June 9, 2016 Tropical storm Colin became a post-tropical storm in Canadian waters. Its remains soon interacted with an existing non-tropical system, bringing heavy but manageable rains to parts of eastern Nova Scotia and Newfoundland. Halifax, NS, received 37 mm of rain and Deer Lake and St. John's, NL, got close to 50 mm.</p>
<p>June 10, 1918 Lightning struck a Toronto, ON, home, removing the chimney and tearing a hole through the shingles. A 9-year-old boy was sleeping directly under the hole. His mother found the bed covered with plaster and the rain pouring in, but the lad slept through it. Everything was covered in thick plaster dust. "I will simply have to do all my housecleaning over again," she said.</p>	<p>June 11, 1967 In thick fog near Prince Rupert, BC, an Alaska cruise ship collided with a Japanese freighter, injuring four women passengers. The cruise ship received a 25-m gash over the waterline and was brought into harbour by tugs. The 112 passengers were flown to Vancouver. The freighter received a small hole in her bow and made port under her own power.</p>	<p>June 12, 1968 High wind gusts reaching 130 km/h swept through the Battlefords in Saskatchewan, tearing down tree branches, telephone lines, and power poles. At a local hotel, employees reported a wall swaying as much as 10 cm. The fire department ordered the building closed until its structure could be reinforced.</p>	<p>June 13, 1913 Lightning struck a large barn near Lacombe, AB. The charge hit the farmer's son standing in the doorway, killing him instantly. He was hit on the left cheek, leaving his face pitted with small holes; from there it travelled to just above his heart, then crossed over to his right leg and down to the ground. The sole and heel of his shoe were torn off.</p>	<p>June 14, 1892 Thunder, lightning, rain, and squalls hit the Bay of Fundy in a fury, continuing at intervals during the night. In Saint John, NB, huge hailstones were carried down King Street by the flood as though they were pebbles. One weighed in at 17 kg. At Truro, winds blew a box car into the CPR night express, causing an ugly collision.</p>	<p>June 15, 1863 A lightning bolt entered through the window of a home in Morell, PE, and kindled a fire in the roof. It touched a young man sitting at the breakfast table and split his boots in several places, leaving him temporarily numb and paralyzed. Moving upward between the man and the table, it snatched his porridge spoon from his hand, sending it up to the ceiling.</p>	<p>June 16, 1913 A violent thunderstorm roared over Trois-Rivières, QC, near a military camp of the Montréal infantry regiment just as the evening meal was served in the mess tent. More than half the camp was levelled. Supplies and bedding were strewn about and water-soaked. In town, downed hydro wires were turning off lights for 2 days. The roof of the Dominion Convent was blown off.</p>

<p>June 17, 1983 Lightning welded the artificial arm of a Bracebridge, ON, man to the steering wheel of his boat on the Muskoka River. One eyewitness saw a foot-long blue flame come out the end of the arm. Police undid the harness holding the arm to free him, then snapped the arm free from the steering wheel. The man was conscious with burns to arms, neck, and chest.</p>	<p>June 18, 1927 While a family at Elfros, SK, ate supper, a tornado picked up their home and carried it nearly 20 m, killing one of them. Their buggy was found in a tree 2 km away. The tornado cut a swath 11 km long and 60 m wide, clearing out thousands of trees and piling them in heaps 15 m high on either side of its path.</p>	<p>June 19, 2011 Marble- to golf-ball-size hail began to rain down in PEI with such force on car roofs that it was deafening. Hailstones piled up along roads and in yards, creating large snowbanks. Lightning strikes caused a number of outages that kept utility crews scrambling. Theft of copper wire from the substation made the job much harder for Maritime Electric crews.</p>	<p>June 20, 2016 When a strong cold front swept across Québec, it popped off a few thunderstorms accompanied by strong winds and significant rains in the Abitibi area, Pontiac, and regions north of the St. Lawrence River. It also caused the season's second tornado – an Enhanced Fujita Scale 2 at 190 km/h on Lac Verne in the Upper Mauricie where it seriously injured two cottagers.</p>	<p>June 21, 2016 More than 100 people were forced to leave their homes in Dene Tha' First Nation 800 km northeast of Edmonton, AB, after several days of heavy rain that led to flooding and a state of emergency. Electricity and water services were knocked out at a number of homes in the community. Days later, the nearby Sousa Creek burst its banks, blocking some roads.</p>	<p>June 22, 2015 Vancouverites in BC caught a rare glimpse of the northern lights, due to an unusually strong solar storm on the surface of the sun. Generally, the stronger the solar flare, the further south the northern lights can be seen. The sun has a flare cycle of 11 years. The solar winds had reached Earth, creating a fantastic light show across Canada, the UK, and around the world.</p>	<p>June 23, 1913 At noon, 13 settlers gathered at the Crown Lands Office in Hearst, ON, to beat the next day's rush filing claims for farms. They burned smudge fires to ward off mosquitoes. About 10 PM, one of the most severe thunderstorms ever in the north struck. Lightning lit up the bush for miles. Thunder shook buildings. The settlers huddled under tarpaulins and blankets; not one left the line.</p>
<p>Father's Day</p>	<p>June 24, 1944 Two female golfers in Edmonton, AB, were tired of waiting for clear skies so they donned bathing suits and splashed onto the fairway. Over the past 2 weeks it had rained 11 out of 14 days: over 100 mm. They were likely the only people in the city who golfed that week. A journalist wrote: "They might have invented a brand new game of water golf."</p>	<p>June 25, 2016 Severe storm cells packing strong winds, toonie-size hail, and copious amounts of rain caused widespread losses in the eastern Prairies with insured property losses exceeding \$41 million. In Winnipeg, MB, lightning strikes caused a CFL game between the Blue Bombers and the Montréal Alouettes to be delayed for 65 minutes and forced players and spectators to seek shelter.</p>	<p>June 26, 2013 Canadian Forces aircraft from 5 provinces rescued stranded tourists in the Arctic. An impromptu ice island, about 50 km long and 25 km wide, on Admiralty Inlet near Arctic Bay, broke free during the night. It drifted about 10 km toward the open water of the Northwest Passage when the tide and wind changed, sending it back. The ice floe drifted 18.7 km before reaching land.</p>	<p>June 27, 1965 Twelve people, 8 of them children, drowned when a houseboat sank in Wabigoon Lake near Dryden, ON, during a windstorm. Witnesses said the shifting wind spun the boat broadside to the waves, ripping off one of its pontoons. The boat rolled over and sank. Residents said it was one of the worst summer storms in memory. There were reports of tornado-like funnels across the lake.</p>	<p>June 28, 1996 Repeated lightning strikes plagued Yellowknife, NT, residents, one hitting a main digital transmission line that shut down bank machines and damaged computer equipment. Public safety was at risk in Cambridge Bay, Gjoa Haven, and Pelly Bay as residents climbed on metal roofs to see lightning for the first time in 30 years. Lightning has mythical importance to some Inuit.</p>	<p>June 29, 1963 A remarkable 1-day snowfall of 111.8 cm occurred at Livingston Ranger Station, AB. For several years, this stood as the greatest all-time 1-day snowfall ever recorded in Canada. The record was broken on 17 January 1974 at Lakelse, BC, and again on 11 February 1999, at Tahtsa Lake West, BC.</p>
<p>St. Jean Baptiste Day</p>	<p>Discovery Day (NL)</p>	<p>Full Moon</p>	<p>Summer Solstice 6:07 EDT National Aboriginal Day</p>			

JUNE

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JULY 2018

AUGUST

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Saturday

<p>July 1, 1867 At Fredericton, NB, high winds hampered accuracy during a shooting match event involving 40 men. "It was the dullest holiday that could be imagined, so dull that even a dog fight would have been hailed with delight." <i>The Gleaner</i>, July 6, 1867</p> <p>Canada Day</p>	<p>July 2, 1894 Lightning played havoc at trotting races near Palmerston, ON. A single bolt struck and killed a trotter, Jessie R, and knocked unconscious her owner, who was seeking shelter by leaning against her. One injured person was struck in the hand by lightning. A stonemason from Uxbridge was working under a barn at Udora when he was struck and killed by lightning.</p>	<p>July 3, 2000 There was a certain irony in normally rain-sparse Vanguard, SK, receiving a downpour that flooded the community of 200. About 375 mm fell in 8 hours, the greatest storm for that duration on the Canadian Prairies, and one of the largest rainfall intensities recorded in Canada. The flood carried away cattle herds and drowned deer and antelope.</p>	<p>July 4, 2016 Québec's third tornado of the summer occurred at Metabetchouan in the Saguenay-Lac-Saint-Jean area. The EF-1 tornado damaged houses, flipped a seaplane, toppled trees – and scared campers. The previous day, nickel-size hail inflicted property damage in Abitibi.</p>	<p>July 5, 2014 A tornado in Saskatchewan made a couple's wedding much more memorable. The newlyweds were snapped by a professional wedding photographer on a flooded gravel road outside Saskatoon, holding hands and hugging and totally oblivious to a tornado darkening the skies behind them. The photographer put the photos on Facebook and they quickly went viral.</p>	<p>July 6, 1905 A young farmer was nearly killed when a tornado demolished his barn near Barrie, ON. He was working a team of horses and went into the barn for shelter when the storm began. He was struck by a falling beam that was driven into the ground. Both his jaws were broken. At a Midhurst farmhouse, the winds twisted the kitchen off its foundation and denuded the orchards.</p> <p>Aphelion 13:46 EDT Last Quarter</p>	<p>July 7, 1986 A farmer near Chatham, ON, was at home watching TV when a severe thunderstorm sprang up. Seconds after he got up to close a window, the chimney crashed through the ceiling, flattening his empty chair and sending it through the floor into a crawl space. The storm tore off roofs, uprooted trees, and sucked windows and screens from their frames.</p>
<p>July 8, 2016 By the second week of July, most of the ice in Frobisher Bay, NU, was gone. That was quite a contrast to a year earlier when southeasterly winds kept thick ice fastened in the Bay, preventing supply ships from docking.</p>	<p>July 9, 1926 A powerful tornado cut a swath south of Walford, ON. Entire orchard trees were jerked out by their roots and stood wrong-side up. Building debris was scattered everywhere. One house was lifted completely off the ground and smashed to kindling, just as the occupants were finishing supper. Dozens of chickens and pigs lay dead. An old church was the only building untouched.</p> <p>Nunavut Day</p>	<p>July 10, 2016 A slow-moving weather system from the U.S. intensified and stalled over southern Saskatchewan, causing flooding rains (130 mm in 2.5 hours) at Estevan. The force of the water pushed cars off roads. Intersections were flooded and vehicles had water up to their mirrors. It was the wettest day in Estevan history with records going back to 1899. Insurance loss estimates were \$57 million.</p>	<p>July 11, 1932 A freak lightning bolt struck a gold mine near Rouyn, QC, detonating dynamite 60 m underground and instantly killing 2 miners. Either the lightning struck near 2 locked safety switches on the surface, jumped across and detonated the dynamite, or it struck just inside the mineshaft below the safety switch. The men on the surface were not injured.</p>	<p>July 12, 2007 Shrouded in fog, 25 vessels floated into an eerie Halifax, NS, harbour as an international Tall Ships festival got underway. Another 35 vessels, including military training vessels, were anchored along the waterfront. Tourists donned raincoats as the vessels emerged from the fog and into the harbour. With coolish temperatures below 18°C, the weather was much discussed.</p> <p>New Moon</p>	<p>July 13, 2016 Hefty hydro bills told how hot it got in Toronto, ON. Cooling degree-days (CDDs) were 85% higher than normal. The summer produced 39 days with maximum temperatures at or above 30°C, compared to a normal 14, more hot days than the 3 previous summers combined. Toronto Public Health issued 22 heat alerts – the second highest since the health program began in 2001.</p>	<p>July 14, 2016 A vigorous cold front (part of a system that inflicted property losses in Ontario and New York State), affected southern and central Québec. Large hail, vicious winds, and heavy rain took down power lines and trees and damaged buildings. In Drummondville, rains flooded streets. And at Ulverton, experts confirmed a fourth seasonal tornado with an EF-1 ranking.</p>
<p>July 15, 2016 Inclement weather prompted flooding rainfall and large hail across Alberta and Saskatchewan that cost \$72 million in property losses. Damage was especially high in the Calgary, AB, area, where windows and siding were smashed by tennis-ball-size hail. Storms in Saskatchewan yielded a sudden and unexpected torrential rainfall, leading to flash flooding in Swift Current.</p>	<p>July 16, 1852 A storm raged across central New Brunswick, tearing up young trees by the roots and severely damaging gardens. Torrential rains swelled the river above Fredericton. It was deemed a timely blessing, as thousands of felled logs were lying high and dry due to low water levels from lack of rain. Mill owners were beginning to despair for want of logs.</p>	<p>July 17, 1983 A young woman was in serious condition in hospital in Brandon, MB, after a motorcycle on which she was a passenger was struck by lightning on the Trans-Canada Highway near Brandon.</p>	<p>July 18, 2016 A swath of large hail, intense rains, and damaging straight-winds struck the 3 Prairie Provinces, leaving \$92 million in losses. Most damage was due to shattered windows and trees falling on buildings and vehicles. Wind gusts of 98 km/h to 107 km/h ripped down power lines and tree limbs and peeled back the roof of an apartment complex in Winnipeg, MB.</p>	<p>QUIZ Generally, which tornadoes are the most destructive: 1) fast-moving 2) slow-moving 3) hop, skip, and jump 4) reversing tornadoes that double back 5) zigzagging</p> <p><i>Answer on inside back cover</i></p>	<p>July 20, 2016 Five possible tornadoes were reported across Manitoba. Many reported seeing the sky turn green before tornadoes hit. One tornado touched down near Long Plain First Nation, southwest of Portage la Prairie. Roofs were blown off houses, trees uprooted, and some homes were separated from their foundations and moved a few feet.</p>	<p>July 21, 2016 A slow-moving, low-pressure system over Ungava Bay, tapping moisture off the Atlantic Ocean, produced significant rainfalls over Iqaluit, NU. The soaking lasted 30 hours and brought a storm-total of 80.5 mm – the second highest 2-day total on record for the community. Rain for 19 of the final 23 days of July made the month's total precipitation of 131 mm the second wettest on record.</p>

July 22, 2016
An isolated severe thunderstorm hit the north end of Moose Jaw, SK, pelting the city with loonie-size hailstones. The storm dissipated as quickly as it came, lasting for only 20 minutes, but caused extensive hail damage across the city to vehicles, windows, and houses. Total insured property losses exceeded \$75 million from 6,300 claims.

22

July 23, 1868
Lightning struck through a bedroom window in Summerside, PE, hitting the steel hoops of a ladies skeleton skirt. The local newspaper reported: "The skirt was uninhabited at the time but ladies take warning. Hoops might render your appearance attractive but when they attract lightning there is not so much fun in the matter."

23

July 24, 1902
Two severe thunderstorms ripped across London, ON. Lightning struck the steeple of the First Methodist Church and set the structure on fire. Another bolt struck the newspaper offices, burning out the presses at a very critical time. Another bolt entered the bedroom of a couple, passing within a few feet of their bodies and striking the wall.

24

July 25, 2008
A farmer who lost a herd of cattle during a sudden storm last winter blamed spring flooding near Conception Bay, NL, for their deaths. While moving 19 cows and bulls, a blizzard had swept in. He spent weeks searching for the cattle. He figured the herd survived until spring thaw caused flooding in a low-lying area where the cattle were trapped. Two anglers found the 19 carcasses.

25

July 26, 2011
A specialist in bird rescue in BC's lower mainland reported this was the worst year for distressed animals. He blamed bad weather for a lack of food for juvenile bald eagles, great horned owls, and barred owls. Most are starving and too weak to fly. Wet weather flooding the fields is causing a reduction in the number of voles and rats, so desperate owls are preying on songbirds.

26

July 27, 2016
The area of Saguenay-Lac-Saint-Jean, QC, was hit yet again with hail and strong winds. Hailstones ranging from 2 to 8 cm in diameter caused extensive property losses to cars and houses. Insurance claims numbered 7,000 with over \$56 million in property losses.

27

July 28, 2002
A crowd of 800,000 packed Downsview Park in North Toronto, ON, to celebrate mass with Pope John Paul II. At 5:00 AM, a cold drenching rain resulted in hundreds being treated for hypothermia. Ironically, the day before, in scorching heat, hundreds had been treated for heat exhaustion and sunstroke as temperatures in the shade soared to a steamy 30°C.

28

July 29, 1946
The most destructive hailstorm in the Okanagan Valley's history pelted Penticton, BC, with hailstones as large as hens' eggs and weighing 85 grams. In 15 minutes, the storm wiped out 15% of the bumper crop of apples, peaches, apricots, and prunes.

29

July 30, 2016
Hail cracked the cockpit windshield of an Air Canada plane above Calgary, AB, that was flying from Toronto with 144 passengers, forcing it to make an emergency landing in Lethbridge. In Calgary, the storm battered homes and broke car windows. Meanwhile, WestJet officials said 10 of their aircraft were damaged in the storm.

30

July 31, 2016
After 12 weeks without rain, fire-ravaged Fort McMurray, AB, was pounded with more than a month's worth of rain in two hours (87 mm). Entire neighbourhoods were under water less than three months after a fire destroyed one-tenth of the city's buildings. Choosing comic relief over grief, some residents water-skied through areas that had been on fire just months before.

31

Full Moon



JULY						
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AUGUST 2018

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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			August 1, 2016 A supercell caused significant damage with strong winds up to 113 km/h and tennis-ball-size hail near Botrol and Airdrie, AB. In the eastern Prairies, widespread storm damage was inflicted by tornadoes, straight-line winds, flooding rains, and grapefruit-size hailstones. In rural areas, severe hailstorm damage caused 100% crop loss. Insurance losses totalled \$410 million, mostly in Alberta. 1 Royal St. John's Regatta (NL)	August 2, 1908 Fernie, BC, lay in ruins following a fire fed by hurricane-force winds. Raging in West Fernie in the morning, it jumped the river about 3 PM, striking the south end of the town and killing nearly 80 people. Thousands of women and children were sent to Cranbrook, where public and private houses provided temporary shelter. Trains had to run through curtains of flames. 2	August 3, 1963 Rain and high winds hit the Lake Simcoe area in ON, felling trees that cracked a boat in two, driving the mast so deep into the lake bottom it took 5 power boats to pull it free. In Stouffville, a huge apple tree flew through the air and landed in a corn field. The family dog sailed by in its kennel and landed in a grain field. 3	August 4, 1921 It seemed to be raining frogs along 11th Avenue in Calgary, AB, where the amphibians were strewn across the pavement. Residents were puzzled as to the source of the creatures. There were no eyewitnesses and few believed they had come out of their hiding places to bathe in the shower. The first to discover their presence were cats, who found them as edible as fresh fish. 4 Last Quarter
August 5, 1925 A fierce thunder/hail storm badly riddled crops near Kingston, ON. Lighting killed a valuable horse, Embro, while it was grazing in a field. In Kingston, the most terrific storm in living memory, accompanied by a record fall of rain, persisted for 5 hours. The storm was indirectly responsible for the death of a woman who suffered heart failure. Rainfall totalled about 85 mm. 5	August 6, 1879 A tornado at Bouctouche, NB, one of Canada's top-ten-worst, killed 6, injured 10, and decimated 146 buildings, including the famous Bouctouche covered bridge. The twister crushed a mother to death, but spared the child in her arms. Oral tradition attributed the storm to a 19th Century sorcerer named Dollard, saying that he sprang from his grave in the woods. 6 Civic Holiday (most regions)	August 7, 2016 Environment Canada issued a rare tornado watch for Cape Breton Island, NS. No tornadoes appeared, but wind damage to boats and trailers was reported in Grand Mira South – likely from straight-line microbursts. It was only the second time a tornado advisory had been issued on the Island in 10 years, with funnel clouds being a more common occurrence. 7	August 8, 2016 A strong cold front moved across the eastern Prairies, triggering severe thunderstorms and 4 tornadoes in the Parklands area of Manitoba. The disturbance produced toonie-size hail from Minnedosa and ping-pong-ball-size in Erickson. Twisting and straight-line winds wrecked farm buildings, sheds, carpports, and play structures. Winds also overturned a school bus without injury. 8	August 9, 2016 The Northwest Passage was nearly free of ice. Strong storms broke up the ice pack and cleared out the ice along the southern route of the Passage. This allowed the luxury cruise ship <i>Crystal Serenity</i> to journey from Alaska and through the Northwest Passage to New York – the largest ship ever to do so. 9	August 10, 1900 Two young boys from Bonne-Espérance in northern QC went out in a row boat and were caught in a dense fog. Five days passed before the 12-year-old made it to shore, but his 8-year-old brother died of exposure. He explained that when the fog cleared, their boat was 90 km from home, surrounded by ice. He eventually set a small sail and made land. 10	QUIZ Traffic safety experts say road rage occurs most commonly on Fridays during afternoon rush hours and is far more likely during: 1) rainy weather 2) thunderstorms 3) hot/humid weather 4) blowing snow 5) sunny weather <i>Answer on inside back cover</i> New Moon
August 12, 2016 Dryden, ON, continued cleaning up after a flooding thunderstorm. About 50 homes were heavily flooded and several roads were closed, largely due to debris clogging culverts and forcing water up over the roadway. The storm was highly localized over Dryden for 90 minutes. Rain gauges recorded between 110 and 150 mm of rain. Less than 25 mm of rain fell outside of the city. 12	August 13, 2016 Following days of intense heat and humidity, officials confirmed an EF-1 tornado (150 to 175 km/h) near the southeast shore of Lake Simcoe. South of Oshawa, ON, downburst winds inflicted more damages. Some good resulted when "rescue" rains fell in the Goderich area (78 mm) and in the Ottawa Valley, but not in the Niagara Peninsula where it was most needed. 13	August 14, 1912 In McDonald Hills, SK, the hail shattered shingled roofs and stovepipes. Hundreds of ducks and pelicans were battered to death by the hailstones. One man had his arm in a sling as a result of holding a team of horses during the storm. Another man reached home to find his wife unconscious and 10 children bruised by hailstones that came in through an open roof. 14	August 15, 1971 Hurricane Beth quickly moved northeastward along the Atlantic Seaboard, weakening slightly as it made landfall near Copper Lake, NS. Halifax had record rainfall at 296 mm – greater than the deluge from Hurricane Hazel in 1954. The rain washed away several highways and bridges, damaged buildings, and inundated farmland. Total damage province-wide was \$5.1 million. 15	August 16, 2001 In mid growing season, some of southern Ontario's best farmland endured its driest 8 weeks on record, desiccating every crop except grapes. Hamilton clergy asked followers to pray for rain. It came – some 6 to 12 mm. In the Maritimes, at Panmure Island, PE, First Nations people began a spiritual dance at a tribal powwow, bringing on the first rainfall in more than 6 weeks. 16	August 17, 1833 Charlottetown, PE, was struck by a violent gale. Crops were damaged but less than heavy rain would have done. The English Church was upturned with a crash that many took for thunder. Everywhere trees were torn up. Part of one man's house was blown down, and 1 cow and 3 pigs were killed by the falling ruins. The next day it turned "November cold." 17	August 18, 2016 Most of BC experienced their highest temperatures of the year. Twenty communities broke afternoon temperature records, including 34.9°C at Chilliwack, 36.4°C at Squamish, and 32.3°C at Victoria. Many readings eclipsed previous records by 3° to 5°C. A campfire ban covering all provincial parks on Vancouver Island and the Lower Mainland went into effect. 18 First Quarter

<p>August 19, 2009 St. John's, NL, one of the wettest cities in Canada, was forced to declare a week-long water ban. This year was the first since 2004 not to have a spring or summer month with more than 100 mm of rain. Winter snows were also less than normal and evaporation was greater – all leading to the lowest water supply in recent years.</p>	<p>August 20, 1970 An F3 tornado struck Sudbury and Lively, ON, killing 6 people and injuring 200. It caused an estimated \$17 million in damage to homes, hydro and telephone lines, and the Inco smelter at Copper Cliff. In Field, ON, a family was eating breakfast when the tornado picked up their house and dropped it 10 m away. Incredibly, someone spotted a grand piano in Ramsey Lake.</p>	<p>August 21, 1917 One of the worst hail storms in local memory occurred in the High River district of Alberta. The hail was accompanied by high winds and a deluge of rain. Hail of solid ice the size of hen's eggs cut grain heads right off and completely battered grain stacks into the ground. Some small outbuildings and the new Baptist church, which was under construction, were blown over.</p>	<p>August 22, 2016 Inflatable rafts and boats carrying 1,500 Americans drifted into Canada from Michigan under high winds on the St. Clair River during the annual unsanctioned 12-k Port Huron Float Down. Due to the cold, wet weather with thunder and gusty winds, the wayward participants, terrified of entering Canada without a passport, had to be bused back across the border to Michigan.</p>	<p>August 23, 1936 A lightning bolt played an unkind prank on a collie near Burnt River, ON. It hit the house chimney, ripped apart the rafters, bulged a metal ceiling, tore off plaster, then followed a telephone wire to the woodshed, where the owner was splitting wood, his dog at his side. The bolt circled the dog and flipped him on his back, scorching the white dog dark brown.</p>	<p>August 24, 2016 A supercell thunderstorm developed rapidly over the Detroit River, spawning 2 tornadoes. The first one, an EF-1 with peak winds between 135 to 175 km/h, affected LaSalle, ON. A more powerful second tornado struck 20 minutes later in Windsor, tracking along 8 km. In LaSalle, significant damage was done to 15 homes. In Windsor, the long trail of destruction was costly.</p>	<p>August 25, 1969 A tornado and fierce hailstorm left the hamlet of Lewvan, SK, in shambles. At one farmhouse, swirling winds sucked fine dishes from the china cabinet and stacked them in neat piles on the floor. The bodies of dead chickens lay strewn across the yard while others, injured or stunned, floundered about. Masses of needles stripped from young evergreens lay on the ground.</p>
Discovery Day (YT)						
<p>August 26, 1995 Fierce thunderstorms packing 100 km/h winds ripped through southern Saskatchewan, flattening farm buildings and leaving knee-high drifts of hail. Pilot Butte bore the brunt of the storm. Winds damaged every property (440 homes) in town and stripped all trees bare. A nearby cement plant was flattened. Unofficial reports put property losses in excess of \$20 million.</p>	<p>August 27, 1991 A severe tornado, packing winds of 250 to 330 km/h, tore through Maskinonge, QC, north of Lac St-Pierre. The storm, "27 seconds of terror," completely destroyed or severely damaged 90 buildings, including a senior citizens residence. Over 100 people were homeless, and 15 were injured. Power was out for 2 days after the storm downed 100 hydro poles and 6.5 km of wire.</p>	<p>August 28, 1900 Downbursts and/or tornadoes struck from Whitewood to Wapella, SK. Farm buildings and schools were demolished, some reduced to matchwood with debris scattered for miles. A house reportedly rolled 28 times, leaving huge marks in the mud. Another was lifted and smashed into the ground, throwing family members onto the prairie, killing one child. Hundreds of livestock were killed.</p>	<p>August 29, 1906 The ten-year-old son of a well-to-do farmer near Melita, MB, was struck and instantly killed by lightning. The boy was leading a cow home from the pasture field and had just reached the barn when the bolt struck him. The same day, lightning also killed three men instantly.</p>	<p>August 30, 1998 Members of Helio's Nudist Club near Tofield, AB, were enjoying the summer-long heat wave, going 24 hours without clothes. The only downer was the mosquitoes. Besides sunscreen, the sun worshippers had to use gallons of bug repellent.</p>	<p>August 31, 1900 Railway passengers observed the rare phenomenon of globe or ball lightning approx. 6 km east of Sherbrooke, QC. One passenger wrote that the train was illuminated "more brilliantly than by the most vivid lightning flashes and a blazing ball about a foot in diameter was seen to fall to the earth, where it disappeared with a tremendous explosive crash."</p>	



AUGUST

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OCTOBER

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SEPTEMBER 2018

Sunday

Monday

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Saturday

						<p>September 1, 1938 On the last day of August, a fierce storm with powerful winds and copious rains (close to 100 mm) struck the Quebec Zoological Gardens at Charlesbourg, QC. Two seals, several exotic birds, and dozens of captive trout disappeared as winds tore at the zoo. Several small animals drowned, fish tanks overflowed, and dazed birds disappeared into the dark.</p>
<p>September 2, 1915 A severe windstorm destroyed a railway bridge spanning the Minnewaski River, east of Uno, MB. Thirty minutes later, on an eastbound freight train, the engineer saw that the bridge had disappeared and tried to stop the train. He went over the edge with his engine tender and 1 car. His fireman waited until the last minute before jumping as the engine went over the brink.</p>	<p>September 3, 2015 Amid forecasts of thundershowers and looming black clouds, a waterspout – an intense vortex that occurs over a body of water – appeared over Vancouver International Airport in BC. Usually small and short-lived, they're not as dangerous as tornadoes over land. A waterspout watch and strong wind warning was in effect for the Strait of Georgia, due to the low pressure system.</p>	<p>September 4, 1899 The summer theatre at Pinafore Park in St. Thomas, ON, was blown down by a terrific storm that passed over the city about 8 PM, just as the actors were preparing for the performance. One young man was hit and badly injured. The rest were rescued from the ruins and escaped with various cuts and bruises. The new structure was erected about three months ago.</p>	<p>September 5, 1916 South of Spy Hill, SK, a cyclone shifted a school on its foundation, then lifted a student, spun him in the air, and dropped him in some bushes. All the stokes were blown off nearby fields, boards from a shed were woven through a wire fence 2 km away, and a granary was lifted and carried a ways before being dropped, the oats still inside it.</p>	<p>September 6, 1899 A furious gale raged all along the Nova Scotia coast. The steamer <i>Gaspesia</i>, from St. John's, NL, bound for New York, struck the rocks near Lingan, on Cape Breton Island. With winds at 90 km/h, she was brought to anchor half a km from Glace Bay. Nearly all the fishing boats anchored off St. Mary's Bay broke from their moorings and were badly smashed.</p>	<p>September 7, 2016 Sizzling temperatures above 35°C in Toronto, ON, occurred in all 4 months from June to September – a first for the city and more hot days than the 3 previous summers combined. Despite excessive heat, the province recorded only one smog and air health advisory. At Pearson Airport, there were 39 days with temperatures at or above 30°C, compared to a normal 14.</p>	<p>September 8, 1941 A man from Prince George, BC, was skeptical about creatures falling from the sky. However, after a brisk downfall of mixed rain and hail, he discovered six 3-m long snakes, 2 huge grasshoppers, and some rainwater in an old washbasin tossed out in his backyard. Looking up at the sky, he surmised there was no place else the creatures could have come from.</p>
<p>September 9, 1991 A man at Fort Annapolis, NS, was struck by lightning as he opened his car trunk. The electricity followed the key in his hand up his arm, down his side, his leg, and out his foot. At home, he discovered his driveway flooded, his televisions zapped, and his washing machine behaving strangely. He felt partially to blame because his well was low and he had prayed for rain.</p>	<p>September 10, 1929 Two women and an infant in downtown Toronto, ON, suffered head injuries when strong winds swept a signboard from a TTC pole and struck them. Further, a tremendous gust of wind caught the door of an island ferry as it backed out of a berth and blew it 10 m off course and onto a sandbar, marooning its 35 passengers for 2 hours.</p>	<p>September 11, 1995 The remnants of Hurricane Luis slammed Newfoundland's southern Burin Peninsula, washing out roads and bridges and toppling trees. A resident from Marystown lost his motorhome when it was washed right out of his garage. Packing winds of 175 km/h, Luis tossed yachts and airplanes around like toys, trashed piers and shacks, and crumpled satellite dishes.</p>	<p>September 12, 1903 Across southern and central Manitoba, heavy rain suddenly turned to freezing rain and snow. Combined with fierce winds, it developed into one of the liveliest September blizzards on record. Telegraph wires were downed, making communication impossible. The snow measured 8 to 25 cm in places. Some of the wheat crop, still uncut, was flattened, resulting in a total loss.</p>	<p>September 13, 1984 The day Pope John Paul II visited Moncton, NB, a cold mist sprinkled the 100,000 faithful gathered at Magnetic Hill for an open-air service. Just before his arrival, torrential rain fell, ending before the mass began but turning the site into a giant bog. Ruts created by heavy machinery turned into puddles. Planks laid across them acted as bridges for spectators.</p>	<p>September 14, 2016 Sea ice minimum coverage in the Beaufort Sea was the second lowest ever (behind 2012). The freeze-up started on time, but with the large area of open water, it wasn't until the end of November that ice covered the expanse -- a remarkable 4 weeks later than normal.</p>	<p>September 15, 1921 A rancher living in a cabin in the Alberta foothills travelled to Longview for supplies. On returning the next day, he found half of his bed hanging outside the east wall of his cabin. A cyclone had lifted the cabin roof by removing 4 rounds of logs that tied it down. It blew his blankets through the cracks and the logs settled down on them.</p>

September 16, 1972
When their plane strayed off course in heavy rain and fog, 4 people from Duluth, MN, missed a wedding in Thief River Falls. After landing his Cherokee 140 on Hwy 11 about 40 km from Atikokan, ON, the pilot did not remove its wings and haul it to an airport but took off from the highway. The OPP ticketed him when he landed at the Atikokan airstrip.

16

September 17, 2016
At Yarmouth, NS, rainfall totals from June 1 to mid-September were less than 30% of normal, something not seen in 50 years. Officials delivered water to dry residents and opened water stations at fire halls and public showers at schools and provincial parks. The hot, dry weather pleased the province's vintners who produced a bumper crop of better quality, sweeter grapes.

17

September 18, 2015
Record temperatures occurred 2 days in a row across the Maritimes. Charlottetown, PE, reached 26.5°C, edging the old record set in 1992 at 25.6°C. Summerside hit 28.7°, beating the old record by 2.5°. Added humidity made it more uncomfortable. In New Brunswick, animals at the local zoo avoided exertion. In September, many of them start mating and breeding, but not in this heat.

18

September 19, 1984
Dense fog prevented Pope John Paul II from landing at Fort Simpson, NT. This deeply disappointed about 3,000 First Nations and Inuit who had been awaiting his arrival. However, true to his word, the Pope returned 3 years later on September 20, 1987, and celebrated mass with a brilliant rainbow serving as a backdrop.

19

September 20, 1985
High winds and rain caused trouble for fishing vessels on the BC north coast. In the Queen Charlotte Islands, several debris avalanches and torrents occurred after heavy rains of 175 mm in 12 hours. The torrents above a logging camp pushed the log dump and fuel storage facility into the inlet. A bunkhouse trailer was also hit and carried downslope.

20

September 21, 1955
In Calgary, AB, 40,000 residents were expected to escape the city during Operation Lifesaver, a civil-defence test. Although an early-season snowstorm cut off a designated escape route, huge numbers of Calgarians left. In a 100-square-block area, a reporter found only 2 not taking part. One had a sick wife who could not be moved; the other thought it "a lot of nonsense."

21

September 22, 1999
Over 2 days, 150 mm of rain fell in the Moncton, NB, area from tropical storm Harvey – a record rainfall with a probability of once in more than 100 years. Many residents of Dieppe, NB, who lived in basement apartments, saw water rise to the ceiling and refrigerators float down hallways. In Sackville, NS, employees of Beaver Lumber chased pieces of lumber floating around the yard.

22

First Quarter



September 23, 1956
A bolt of lightning blasted an electric food mixer 8 m from the kitchen to the living room in a Scarborough, ON, house before starting a small fire in the kitchen.

23

QUIZ
Which one of the following names could be used for naming Atlantic hurricanes?
1) Yolanda
2) Quentin
3) Nana
4) Ursula
5) Zelda

24

Answer on inside back cover

Full Moon



September 25, 2016
An experienced skier died after being swept off a cliff with a 100-m drop by an avalanche on Mount Victoria in Banff National Park, AB. The skier and his companion had turned back early in their trip due to strong winds and poor weather conditions. Officials suspected it was likely a human-triggered slab avalanche 20 or 30 m wide and 10 to 15 cm deep.

25

September 26, 1898
At Merriton, ON, the sky became choked with heavy black clouds massing in the west. Without warning, a tornado sliced into the centre of Merriton, taking 4 lives, injuring 20 people, and obliterating buildings. A solid stone mill had its roof blown away, and part of a wall fell in on 100 employees. Cows were carried through the air, and clothes were ripped off people's backs.

26

Yom Kippur

September 27, 2016
In a beautiful area of BC known for its windy, wet weather, Prince William and Kate braved bad weather to tour a unique area of rainforest coastline and visit a conservation effort started by the Queen. The couple visited the Great Bear Rainforest on the province's central coast on a day when their itinerary was interrupted by high winds, choppy water, and pouring rain.

27

September 28, 1941
During a rainstorm over Blackie, AB, black beetles, some 7 cm long, descended from the sky and began crawling everywhere. A local scientist identified the creatures as giant water beetles, capable of devouring frogs. He explained that a sudden change of temperature can create a vortex like a whirlwind that, if over water, sucks up the water and its contents into the air.

28

September 29, 2016
Huge amounts of rain fell in Windsor and Essex County, ON. Storm rainfall amounts varied widely, including an astonishing 200 mm in the eastern suburbs of Riverside and Tecumseh. Flood waters swamped roads, stranded cars, flooded fields and yards, and filled basements with a metre or more of sewer water. Insurance losses exceeded \$136 million with over 5,159 claims.

29

Autumn Equinox 21:54 EDT

30

September 30, 1921
Rain and wind struck southern Ontario and Québec. In Montréal, QC, a car blown onto a sidewalk injured several people, before smashing into a window. In Brockville, ON, the opera-house roof was blown off.

OCTOBER 2018

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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<p>October 1, 1920 1 A storm bearing 120 km/h winds hit Québec City, QC, inflicting extensive damage. Among downed services were streetcars, telephones, and electricity. The winds ripped roofs off homes and damaged the tops of large buildings and churches. Everywhere streets were blocked by rubble and downed power lines. Firefighters were busy extinguishing wind-driven blazes.</p>	<p>October 2, 1897 2 Bush and prairie fires in eastern Manitoba prevailed for several days, following terrific winds from the southwest that brought prairie fires from the U.S. side of the border. The most serious loss occurred in the Beauséjour, where 7 people lost their lives. Some settlers lost everything, including the year's hay crop and cords of wood.</p> <p>Last Quarter ●</p>	<p>October 3, 1816 3 From Parson Dibblee's diary during the "year without a summer" in Woodstock, NB: "We have had very uncommon cold weather, and frost as severe as the end of November ... The cold weather has prevented the wheat from ripening ... Corn entirely killed. No vegetables. Turnips very poor. The country was never in so distressed a situation. Never colder this time of year. Never, never such weather."</p>	<p>October 4, 1868 4 Lt. Saxby of the Royal Navy predicted that exactly 1 year from today a storm of marked severity and exceptionally high tides would occur. One year less a day later, the famous "Saxby Gale" struck western New Brunswick. The storm tore vessels from moorings, drove boats ashore, and badly damaged others. At Moncton, tides were 2 m above any previous record set there.</p>	<p>October 5, 1898 5 High waters and pounding waves around the Great Lakes shifted many waterfront buildings off their foundations. Ontario farmers were hardest hit by the recent record rains because most of the bumper crop was still in the soggy fields. Losses because of mould and rot to the soybean, corn, and white bean crops now exceed \$100 million.</p>	<p>October 6, 1998 6 A large underwater landslide occurred at Troitsa Lake west of Tweedsmuir Park in BC. The tsunami wave of 1.5 m hit the opposite side of the lake. A 2-m high backwash wave carried debris up to 150 m inland. Seconds later, water was sucked from bays, leaving boats stranded. Returning waves tore sunken logs and debris from the bay floor and hurled them into the forest.</p>
<p>October 7, 2013 7 People in New Brunswick continued to fend off mosquitoes well into October. With nearly double the rainfall, combined with temperatures above normal, mosquitoes were thriving. Hunters were anxious for a frost to slow down mosquitoes and prey.</p>	<p>QUIZ 8 Which is the only hurricane name to be retired twice? 1) Igor 2) Luis 3) Hugo 4) Sandy 5) Hazel</p> <p><i>Answer on inside back cover</i></p> <p>Thanksgiving Day ● New Moon</p>	<p>October 9, 2016 9 Hurricane Matthew's "atmospheric river" reached 1,600 km north from the Carolinas to Nova Scotia where it interacted with an intense, slow-moving storm. Record-breaking rains, damaging winds, 8-m storm waves, and flooding inflicted mega-million-dollar losses. Sydney received 225 mm of rain, shattering the city's previous 1-day rainfall of 129 mm. The storm was the worst ever in Sydney—Glace Bay.</p>	<p>October 10, 1745 10 Jean-François Gaultier, the king's physician in New France wrote: "The inhabitants of Canada claim that the winters are not as cold as they used to be; this they attribute to the large quantity of land which has cleared." Others disagreed. Judge John McCord, in 1826, asked, "whether our climate has changed since the first settlement of the country, and if so, in what degree?"</p>	<p>October 11, 2016 11 Across central Newfoundland, storm rainfall was close to 150 mm in Gander and Burgeo. Torrents of rain poured into basements and ground floors in a matter of minutes and washed away countless roads. Brooks were transformed into rushing rivers, powerful winds shook apartment buildings, downed trees, and knocked out power. In Boyd's Cove, 7 dolphins died.</p>	<p>October 12, 1998 12 The City of Saskatoon, SK, mobilized 75 city workers to trim trees following a huge Thanksgiving Day snowstorm. The surprise blizzard damaged up to 3,000 of the city's 90,000 public trees. Heavy wet snow added weight to the trees, causing limbs to break. In Regina, tree branches and limbs collapsed on cars, smashed roofs of homes, and downed power lines.</p>	<p>October 13, 2016 13 A 30-m tugboat carrying 225,000 litres of diesel fuel ran aground and partially sank in 9 m of water just west of Bella Bella, BC. Fuel leaked into the pristine waters and shellfish-rich beds off Great Bear Rainforest. Winds of 65 to 90 km/h and tricky currents complicated clean-up and salvage efforts. Bad weather for 4 weeks kept crews from finishing the job.</p>
<p>October 14, 1954 14 A farmer in the path of Hurricane Hazel reported that 20 of his cows seemed drunk after the storm. Apparently, the cows came upon a feast of apples blown into a meadow and ate them. They got so high, they stumbled around and could hardly stand up. Their digestive juices work so fast that the apple juice rapidly fermented, making them drunk.</p>	<p>October 15, 1954 15 Hurricane Hazel killed 81 people and left 1,896 families homeless in the Toronto area. A newspaper carrier recalled the event more than 50 years later. A day after completing his first day's deliveries, he made his collection round. When a customer refused to pay, saying his paper was wet on the 15th, the boy told him to get his newspaper elsewhere from now on.</p>	<p>October 16, 2014 16 Fog enveloped a wide swath of Southwestern ON from Middlesex County to the Golden Horseshoe. Under clear skies and light winds, an abundance of moisture in the atmosphere and on the ground created ideal conditions for fog to form and stay. In three bad crashes, fog obscured vision for drivers on provincial highways and 2 deaths occurred.</p>	<p>October 17, 1897 17 Fire aided by hurricane-force winds swept over Windsor, NS. Thousands were left homeless and 2 died. Some got their possessions out of their house only to see them burn in the street. During the 7 hours of the inferno, fire destroyed 5 out of the 6 hotels, all 3 banks, the post office and customs house, the court house and jail (the jailer liberated the prisoners).</p>	<p>October 18, 1981 18 In Montréal, QC, a meagre 9 mm of rain delayed the start of the ball game between the Los Angeles Dodgers and the Montréal Expos at Olympic Stadium for 3 hours and 31 minutes – one of the longest delays in baseball history. The game was eventually called off.</p>	<p>October 19, 1976 19 A severe fall storm crossed the Grand Banks and southeastern Newfoundland. Wind gusted to 140 km/h at St. John's, lifted roofs off buildings, and crushed cars beneath fallen trees. At Cape Race, a Canadian Forces para-rescue specialist dangled for 43 minutes above raging seas, in 130 km/h winds. He was trying to rescue a survivor of the Dutch ship <i>Gabriella</i>.</p>	<p>October 20, 2016 20 A slow-moving low-pressure system developed south of the Great Lakes and then combined with a storm moving up the eastern seaboard of the U.S. and grew rapidly. Heavy rains from 75 to 125 mm and strong northeast winds between 85 and 105 km/h occurred between Montréal and Charlevoix, QC. The storm triggered flooding in the Rive-sud de Québec and a landslide in Shawinigan.</p>

October 21, 1938 **21**
Hector Glacier northwest of Lake Louise, AB, crashed to the floor of the valley, burying it in ice about 2 km wide and 4 km long. The force of the wind created by the avalanche felled an entire forest on the opposite side of the valley. The unusually long and warm summer weather may have heated the rocks and undermined the glacier, causing it to slide.

October 22, 2011 **22**
In Wasaga Beach, ON, 3 km of shoreline was covered with 6,000 dead loons, ducks, and seagulls after botulism entered the aquatic food chain. Type E botulism toxin is produced by a bacterium that lives in lake-bottom sediment. Fish at the lake bottom fed on the toxins. The infected fish died and floated to the surface. A "free-for-all eating frenzy" by the waterfowl resulted in their deaths.

October 23, 2016 **23**
Over 33,000 fans basked in gorgeous Manitoba sunshine, waiting for a mid-afternoon outdoor National Hockey League game between the Jets and Oilers. Puck-dropping at the Heritage Classic was delayed almost two hours because of sun glare off the ice. Organizers cited player safety concerns and had to wait for the sun to move behind the stadium infrastructure.

October 24, 1911 **24**
A snowslide killed a husband and wife and demolished their home west of Lake Atlin, YT. The man had just gone inside to help his wife prepare dinner when the slide struck, crushing their stone house to bits. When their bodies were recovered, the man still held a paring knife and the woman was wearing glasses that were unbroken.

October 25, 1918 **25**
The *Princess Sophia* sank after grounding on Vanderbilt Reef off the BC coast on the 23rd. High seas, low visibility, and 90 km/h winds prevented rescuers from reaching the ship. All 343 on board perished. The only survivor was an English Setter that swam ashore.

October 26, 1908 **26**
The snow blockade was broken at noon and transcontinental trains began running again between Winnipeg, MB, and the west, following one of the fiercest storms in history. Such a terrible blizzard so early in the season was without parallel.

October 27, 2003 **27**
Winds of 100 km/h and up to 10 cm of snow whipped across southern Saskatchewan and Manitoba in the winter's first snowfall. Ruts of ice on the highway pulled vehicles onto the wrong side of the road. In Regina, SK, powerful winds pulled tie-downs right out of the ground, flipping a motorized glider. At the football stadium, winds blew over two concession tents.

October 28, 1949 **28**
After watching her husband drown in the icy waters of Footprint Lake, MB, and near death from shock and cold, a woman was rescued after 4 nights on Burnt Island, ON. When her canoe had tipped over, her loose parka kept her afloat for 2.5 hours in air temperatures of -8°C. She was rescued after she heard the scraping of a boat on shore and called out to police.

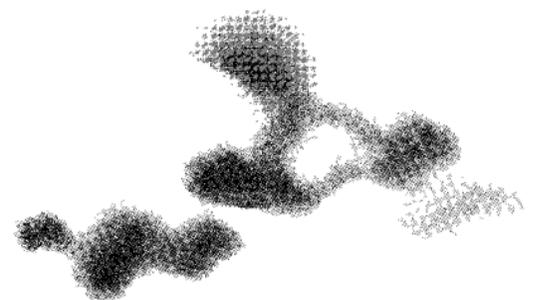
October 29, 2011 **29**
A pair of walrus hunters left Igloolik, NU, but their boat developed engine trouble. Searchers ran into bad weather with wind gusts of 50 to 70 km/h. They eventually found the hunters and air-dropped supplies. Three search-and-rescue specialists parachuted into the water. They waited 3 hours for a Cormorant helicopter to arrive, but one rescuer died before the chopper came.

October 30, 1936 **30**
A mysterious "bolt from the blue" was reported across several Newfoundland settlements, apparently a meteor that swept across the heavens. All reports had the fiery object falling in their vicinity, although one report had the meteor falling into the sea 5 km off shore and throwing off a column of water.

October 31, 2016 **31**
Vancouver, BC, recorded 203 mm of rain, far from the wettest October on record, but eclipsing the record number of wet days – 28 days with measurable rain. There were 8 wet days in a row at month's beginning, followed by 20 consecutive days. Victoria recorded its second wettest October in history. It also broke the record for the greatest number of wet days at 27.

Halloween
Last Quarter

Full Moon



OCTOBER

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DECEMBER

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NOVEMBER 2018

Sunday

Monday

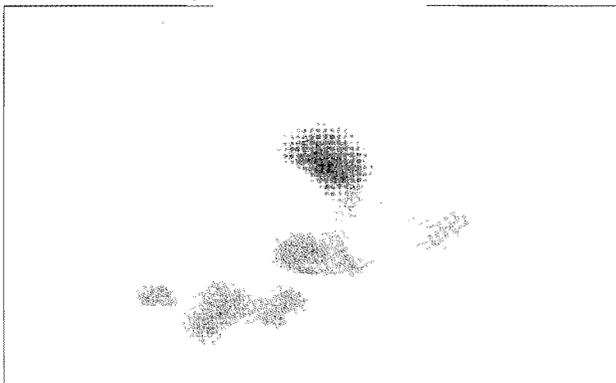
Tuesday

Wednesday

Thursday

Friday

Saturday



November 4, 1856 **4**
A violent storm packing monster waves raged over the Upper Great Lakes and along the St. Lawrence River between Montréal and Longueuil, QC. The steamer *Iron Duke* ran aground on St. Helen's Island. Lumber was tossed in every direction, and signs and fences were blown down. In Montréal, a wooden house with a stone foundation was demolished.

Daylight Saving Time Ends

November 5, 1862 **5**
Across the New Brunswick border in Maine, a "smart" thunderstorm occurred unusually late in the season. A sheriff's officer was struck and "rendered insensible from one of the heavy slashes of lightning." When he came to, his horse was turned in the opposite direction. He took several hours to recover at a nearby house. It seems the electric current had passed around a wagon's wheels.

November 6, 1937 **6**
An alkali blizzard white-washed the ground, buildings, and trees around Chaplin, SK, insulating antennae and in the process silencing a large number of radios. The alkali came from the chalky shores of Lake Chaplin. The air remained so heavy with the white powder that during early evening, lights from vehicles cast a glare similar to that cast in winter blizzards.

November 7, 2016 **7**
The Tseshaht First Nation near Port Alberni, BC, declared a state of emergency after a series of storms caused significant flooding along the Somass River. Water levels in snowmelt-charged rivers and reservoirs ran high, prompting authorities to release waters to prevent further flooding. On the mainland, scores of Pemberton residents were flooded as the Lillooet River breached its banks.

New Moon

November 8, 1819 **8**
Around noon in Montréal, QC, the sky turned from a greenish tint to inky black, then sooty, soapy-suds rain fell. Later, a tremor shook the Island of Montréal. Frightened citizens made their way to the church. Suddenly, a lightning bolt struck the church spire and it crashed to the ground. The next morning dawned bright and clear as if nothing had happened.

November 9, 2016 **9**
The maximum temperature in Winnipeg, MB, reached 18.8°C, smashing the old record of 14.4°C more than 93 years ago, and coming in 20 degrees higher than average. In Saskatchewan, every weather reporting station broke a temperature record, including Regina's 21.7°C, the highest temperature ever recorded at year's end. Never have temperatures been so high so late in the year.

November 10, 1974 **10**
Fog grounded more than 2,500 Air Canada passengers in southern Ontario. It forced the Ontario Cabinet to cancel their morning charter flight to Kirkland Lake. Instead they switched to an overnight train. The fog cut visibility at Toronto Airport to an eighth of a mile at times. It was the worst bout of fog since the 4-day Christmas fog in 1972.

November 11, 1940 **11**
An Armistice Day storm on the Great Lakes caused the wreck of 3 large ships and several small craft, with the loss of 69 lives. The sustained winds reached 130 km/h. On the same day, a fierce blizzard hit the Canadian Great Plains. Several hunters froze to death in duck blinds.

November 12, 1887 **12**
Off Cape Race, NL, the captain of the British steamer *Siberian* reported a large ball of fire rising out of the sea the previous night to a height of about 15 m. It then ran alongside the vessel for some time and finally bore off in a different direction, being visible for about 5 minutes. He probably saw ball lightning.

November 13, 1925 **13**
Winds up to 110 km/h hit Québec City, QC. Ship navigation in the harbour and along the St. Lawrence River came to a standstill because of the waves. Winds ripped off the roof of Notre-Dame the convent in Saint-Malo, QC. The 700 children panicked but the nuns managed to calm them. The roof of the police station blew off and winds overturned many horse-drawn vehicles.

November 14, 1871 **14**
It snowed all day across southern Ontario with howling gale force winds. A tug out of Owen Sound with a cargo of hay went ashore at Cape Crocker. In Collingwood, snows exceeded a foot and it was cold. At the mouth of the Niagara River, a schooner out of Detroit laden with lumber, bound for Ogdensburg, went ashore and was a total loss.

November 15, 2016 **15**
By mid-November, more than 300 daily temperature records had fallen across the west and north. In some cases it was by 5 degrees or more. Countless weather stations recorded temperatures that not only crushed the daily record but, in some cases, smashed the record for the warmest November day ever. Temperatures were more typical of Thanksgiving Day.

November 16, 2016 **16**
Weather watchers flocked to the Bay of Fundy shore, to witness the highest tides of the year, said to be 9 m bolstered by a super moon. At Saints Rest Beach, NB, parking lots were filled with onlookers, some viewing the crashing waves from the safety of their vehicles. Others walked along the beach, braving a steady rain.

November 17, 1901 **17**
The barquentine *Titania* wrecked in a dense fog near Cape Race, NL. The captain and crew, all of whom were badly injured, were on the wreckage for 20 hours, lashed to the rigging. So thick was the fog that coastal folk were not aware that a wreck had occurred and the ship's crew was unable to make any signals to attract attention to their plight.

November 1, 1967 **1**
Pollution-laden fog covered the Greater Toronto Area of Ontario, causing more than 50 accidents and raising fears of hazardous health conditions. The "soupy" air descended about 3 AM. Pollution control indicators showed above-average readings for sulphur dioxide, nitrogen content, and dust particles were more than twice average. Overnight showers washed out the impurities.

All Saints' Day

November 2, 1877 **2**
The *Rondeau News* reported a fish shower near Harwich, ON: "I filled the pail (with fresh fish) . . . and having deposited my burden returned to collect the remainder . . . As to whether these now famous fishes fell 6 feet or 6,000, I know not. One thing I know, that they were scattered for about three-quarters of a mile." Rainfall totalled more than 15 mm.

November 3, 2016 **3**
Temperatures soared in Edmonton, AB, to a high of 18°C, smashing the previous record of 11.9°C. Golfers and golf superintendents were happy, especially after early October snows ended the golf season prematurely. And if it wasn't snowing it was raining in October. The city got 22 cm of snow, more than double the typical amount.

November 18, 1929
A 4.6-m tidal wave, caused by a 7.2-scale earthquake in the Gulf of St. Lawrence, struck the Burin Peninsula of NL. The wave killed 27 people, destroyed 500 homes, and smashed 100 fishing boats. Damage was estimated at \$1 million. Potatoes, salt cod, herring, salmon, barrels of pork and beef, jams and pickles, and winter firewood were also lost, as were fishers' boats, nets, hooks, and salt.

18

November 19, 1937
The first blizzard of the season swept western Ontario, blocking city streets and county highways with as much as 75 cm of snow in some places – the worst in 30 years. Snowplough operators abandoned their routes. Traffic accidents were reported as streets and highways were glazed with ice. At Mount Forest, the roof of an egg-grinding station crashed in under the weight of snow.

19

November 20, 2016
A horse trainer had a chance to make history at the Woodbine Race Track in Ontario, but his bid was "blown off course." With sustained 40 km/h winds, gusting much higher, the majority of jockeys agreed to cancel the rest of the program – which included the Kennedy Road Stakes, preventing the trainer from breaking the record of 3 victories in the famed race.

20

November 21, 1950
A motorist noticed something moving in the snow 30 m from the Banff, AB, highway. What he thought was a bear was really a crawling man. A week before, the man had hiked down the bush road to his logging camp in temperatures below -30°C, but darkness and a blinding snowstorm obliterated the trail. The Samaritan rushed him to a nearby town for help.

21

November 22, 2016
Winnipeg, MB, recorded its first day with measurable snow after 224 days without snow. It was the third-longest snowless streak on record since 1872. Only once before in 145 years has the city ever posted a later date for winter's first measurable snowfall – November 22. (Adapted from Rob Paola, Environment Canada)

22

November 23, 1975
The Grey Cup was played in a deep freeze at Calgary, AB. A temperature of -11° and winds over 20 km/h produced a wind chill of -22°. To the delight of 33,000 spectators, the pre-game entertainment was supplied by a female who cavorted shoeless and topless during the 3-minute playing of the national anthem, no doubt the coldest streaker in North American history!

23

November 24, 2009
Not a month into the 2010 Olympic torch relay, the flame had been extinguished a dozen times due to cold and windy weather. The torch's burner system needs time to warm up in order to light and, in November in Nunavut, officials could not get the torch warmed up. Engineers designed the torch to work at temperatures down to -40°C and winds up to 50 km/h.

24

November 25, 2001
It was so mild in Montréal, QC, that they could have played the Grey Cup game without the roof on Olympic Stadium. The high was 17.3°C. This set a record for the date, shattering the previous mark of 12.2°C set in 1966 and far above the normal high of 2°C. The weather was also great for strolling in shirtsleeves and hanging Christmas lights.

25

QUIZ
The number of asthma admissions to hospitals is greater on days with:
1) snow
2) rain
3) thunderstorms
4) high humidex
5) brutal wind chills

26

Answer on inside back cover

November 27, 2016
A late freeze-up had people across the Yukon River in West Dawson, YT, anxious to re-stock their supplies. In most years, the Yukon River is frozen over enough to walk across. Not this year. The break-up was the earliest on record, so freeze-up dates being so much later made the ice-freeze season the longest on record. Helicopter flights into Dawson cost \$300.

27

November 28, 1850
One of the most violent storms locals could remember struck the Maritimes. In northern Nova Scotia, snow fell to a depth of 1 m on elevated terrain. The stage coach reached Truro 12 hours late. Telegraph wires fell across the region, owing to the collective stress from wet snow, heavy frost, and gale-force winds acting on ice-accreted wires.

28

November 29, 1931
Several skaters crashed through thin ice in Stanley Park in Vancouver, BC. Many of them were exhausted from exposure when rescued. So common were the crashes through the ice that spectators didn't bother to look, only seeing those that fell in front of them. On one occasion, 6 people went through the ice in quick succession in a rush to rescue an attractive young woman.

29

November 30, 2016
Storms over 4 days affected parts of the Maritimes, bringing a messy mix of heavy, very wet snow, copious amounts of rain or both. Residents struggled to clear away the rain-soaked snows that stuck to broken branches and fallen power lines. In New Brunswick, 42,000 customers made do without power, with residents of Moncton out for 30 hours amid 30 cm of snow.

30

Full Moon



Last Quarter



NOVEMBER

	1	2	3	4		
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JANUARY

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

DECEMBER 2018

Sunday

Monday

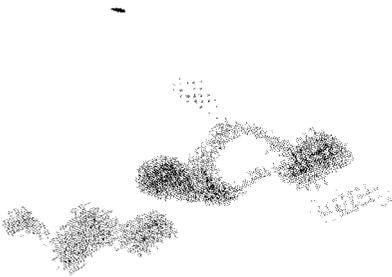
Tuesday

Wednesday

Thursday

Friday

Saturday

						<p>December 1, 2016 Frigid air from Siberia gripped the West with temperatures 15 degrees below average and wind chills of -40 and below. Victoria and Vancouver, BC, endured their coldest temperatures in four years and Edmonton, AB, registered 3 maximum daily temperatures below -20°C. Coastal British Columbia received more snow in one week than in the previous 2 years.</p>
<p>December 2, 1893 The first severe snowstorm of the season hit Montréal, QC. The railway made a valiant effort to keep tracks clear by means of electric sweepers but quickly fell behind. Sleighing was excellent in all parts of the city. The storm continued eastward where 15 cm of snow fell in Saint John, NB.</p>	<p>December 3, 2007 A snow-blower duel in Levis, QC, between an elderly woman and her 43-year-old neighbour, triggered a street fight. When the woman blew snow from her walk onto her neighbour's, he blew the flakes right back. It was a real battle of the blowers. Finally, the combatants faced each other in the street, throwing punches. Another neighbour saw the commotion and called police.</p>	<p>December 4, 2008 Search and rescue ships and helicopters continued searching waters off southern Newfoundland-Labrador in bad weather for the missing crew of a capsized French cargo ship carrying road salt. No distress signal was received before the ship sank. Experts said that the way the road salt was loaded and stored and subsequent rolling in rough seas might have contributed to the sinking.</p>	<p>QUIZ When early mariners would see a waterspout (tornado over water) coming, what would they do? 1) change directions 2) shout and beat drums 3) drop anchor 4) head for the galley 5) fire cannons at the spout</p> <p><i>Answer on inside back cover</i></p>	<p>December 6, 1917 A ship collision set off the Halifax Explosion, felt and heard in Nova Scotia as far as 100 km away. The disaster killed 1,630 people, injured 9,000, and left 6,000 homeless. The next day a cruel blizzard struck, with 40.6 cm of snow and winds of 55 km/h.</p>	<p>December 7, 2016 The temperature at Old Crow, YT, dipped below -50°C at night. The school principal said his school is always open regardless of the temperature. "It's just another day in Old Crow ... it's just business as usual." Musher dogs stayed outside in insulated dog houses with lots of spruce boughs. Owners fed them 2 to 3 times a day to keep them warm.</p>	<p>December 8, 1881 "Canada has a reputation for magnificent winter weather ... but the result this time [during a stay in Montréal and Québec] has been a mess of characterless weather, which any right-feeling Canadians are probably ashamed of ... never mind; what you lack in weather you make up in the means of grace." (Mark Twain address at Windsor Hotel, Montréal, QC, <i>The New York Times</i>, 10 December 1881)</p>
<p>December 9, 1906 The steamer <i>Monarch</i> left Port Arthur, ON, bound for Sarnia in a blinding snowstorm but soon struck the rocks at Isle Royale where it was wrecked. Some 40 passengers clung to the rigging as the blizzard raged. One sailor made it to shore with a line that was used by passengers to escape the wreck. Exhausted survivors huddled around fires for four days before being rescued.</p>	<p>December 10, 1977 In the taxi office at Kitimat, BC, a brawl broke out among hotel patrons looking for a ride home. Few cars were running because the week-long cold snap (-23°C) had drained vehicles of power. Mechanics worked 7 straight days to service a line-up of cars with frozen radiators and dead batteries. There were no batteries, antifreeze, or block heaters anywhere in town.</p>	<p>December 11, 2016 Up to 16 cm of snow from a Colorado low fell across southern Ontario. The first major snowfall of the season made for a messy afternoon commute. Close to 100 flights at Toronto Pearson Airport were cancelled or delayed. Ontario Provincial Police dealt with almost 500 crashes over 24 hours. Windsor got 29 cm of snow, smashing the record set in 2000.</p>	<p>December 12, 1923 An ice fisher and a small pony were 3 km out on Lake Manitoba, MB, when a violent storm struck. The wind dashed the lake into a fury, and the waves broke apart the ice. Into the second day, the fisher fought his way across the ice some 5 or 6 km, pulling the pony and reaching shore near Lundar. He was alive but suffered painful frostbite.</p>	<p>December 13, 1963 A Québec MP rose in the House of Commons to ask the Minister of Transport for help for his constituents in remote communities along the St. Lawrence River. A recent storm sank a ship carrying 1,100 tonnes of beer. He asked what the government would do "so that my constituents can have beer for Christmas." The transport minister promised quick consideration of the problem.</p>	<p>December 14, 1891 Strong winds near Macleod, AB, blew down fences and farm outbuildings. It also tore the roofs from several sheds and collapsed 2 chimneys on the Roman Catholic mission church. The Presbyterian Church was shifted a few cms. Winds filled the air with barrels, tin cans, boards, and rocks. At the police barracks, the wagon shed was partly unroofed, and the carpenter shop shifted 15 cm.</p>	<p>December 15, 2016 By mid-month, Easterners were re-introduced to the dreaded Polar Vortex, snow squalls, and the Colorado low. The frigid air didn't loosen its grip until the first official day of winter but did ensure that millions of Canadians had a white Christmas.</p>

December 16, 2009
Chunks of melting ice fell from downtown highrises in Calgary, AB. One man was hospitalized when a block of ice hit him in the back. Firefighters removed melting ice and snow and a 20-m stretch of icicles along a roofline of a building. Following nearly a week of mind-numbing cold, the thaw was welcomed by most, but quick melting led to flooding downtown.

16

December 17, 1932
Ice cakes packed in a great jam dammed back the swollen waters of the Otonabee River near Peterborough, ON. The flood waters swept away wharves, fences, and other movable objects. Pouring into the cellars of homes along the river, the water extinguished furnace fires. In flooded homes, families hovered around kerosene stoves and small electric heaters to keep warm.

17

December 18, 1997
"Thundersnow" fell in Calgary, AB, bringing traffic chaos to the morning rush hour. There were over 200 collisions, including a couple of accidents involving more than 20 vehicles. By noon, up to 15 cm of snow had fallen in the city. Staff at the Fox Hollow Golf Course said the storm ended the longest golf season in their history.

18

December 19, 2005
Zack, the dog, not only survived a car crash near Kamloops, BC, but also 2½ weeks of sub-zero temperatures. The accident killed his owner, but the Rottweiler-mix escaped the burning vehicle and lay in a ditch, eating snow to survive. A man carried Zack to his home, but the dog wandered away. When his owner's daughter finally found him, Zack was badly injured, cold, and starving.

19

December 20, 1942
in Fort Selkirk, MB, with temperatures below -40°C, a woman went outside to check her dog, "Sheep." A big black head emerged from the kennel doorway. Thinking it was another dog, she shook her broom at it. A huge grey wolf with a trap hanging on one foot appeared. Old Sheep stood in front of his kennel as though protecting his friend.

20

December 21, 2013
The weekend before Christmas a vigorous winter storm coated parts of eastern Canada with a thick mixture of snow and freezing rain. Over 500,000 people were without power, some for weeks. Toronto, ON, was the epicentre of the freezing rain, receiving more than 2 years' worth in 2 days. Some streets lost 80% of their mature tree canopy.

21

December 22, 2012
A woman from Marystown, NL, credited weather for her lucky Lotto ticket purchase and the top prize of \$1 million. She usually made her ticket purchase on Fridays, but due to a storm, she put off her purchase until Saturday. She shared the news with family and friends but had a hard time reaching her husband, who was working on a ship in Alaska.

22

Winter Solstice 17:22 EST

Full Moon

December 23, 2008
Police found an Ancaster, ON, woman, missing for 3 days, buried in nearly 1 m of snow. Ace, a volunteer rescue dog on his first mission, picked up the scent and went straight to the woman who was in a hypothermic state.

23

December 24, 2016
Two men suffered severe frostbite illegally crossing into Canada on foot near Emerson, MB. The two had fled Ghana and spent a year in detention in the U.S. They walked for 10 hours in freezing weather.

24

December 25, 1872
Although temperatures plunged to -20.6°C in Nova Scotia on Christmas day, church services were well attended. The sleighing was good, but runaway horses caused several accidents, smashing sleighs and injuring man and beast alike. A heavy snowstorm in western Nova Scotia blocked most of the highways. Unusual for this time of year, the Pictou harbour froze over.

25

December 26, 2016
Freezing rain contributed to hundreds of accidents in and around Montréal, QC, and the Eastern Townships. Health centres treated 4 times the average number of fractures and sprains. One hospital reported they treated 10 ice-related injuries on a typical day, but the number rose to 41 this afternoon. One woman was treated for a broken ankle after slipping on the ice while wearing high heels.

26

December 27, 2016
Warm weather and minimal snow impacted the NWT trapping season. A Fort McPherson resident said there wasn't even a foot (30 cm) of snow in places where there's usually 2 or 3 feet (60 or 90 cm). And the quality of the snow made it hard for trappers to walk or drive a Ski-Doo. In Inuvik, temperatures were 4 degrees warmer than usual for December.

27

December 28, 2002
A motorist needing a wheelchair, survived two nights stranded in a snow storm southeast of Swift Current, SK. He stayed in his van, running the engine sparingly and huddling with his two dogs. Deciding to go for help, he struggled for a few hours with his wheelchair in the snow, making less than 1 km. A farmer spotted his tracks and came to the rescue.

28

December 29, 1794
Peter Fidler, a Hudson's Bay Company employee and one of the first weather observers in Canada, recorded that Holland gin freezes solid at -17°F (-27°C), English brandy at -25°F (-32°C), and rum at -31°F (-35°C).

29

Last Quarter

December 30, 1917
East of Vancouver, BC, communications were cut owing to heavy rain that froze on telegraph wires. Warmer weather followed, causing landslides and damage to railroad beds.

30

December 31, 2001
Summerside, PE, hosted its New Year's bash hoping for a Guinness World Record number of kissing couples, but postponed the event to July 1, because of extreme cold. New Year's Eve

31

Christmas Day

Boxing Day

WEATHER QUIZ ANSWERS

January	4) blowing sand
February	1) Wiarton
March	3) avalanches
April	2) seven days
May	3) churches
June	1) a sunny day
July	2) slow-moving
August	5) sunny weather
September	3) Nana
October	5) Hazel
November	3) thunderstorms
December	5) fire cannons at the spout