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JANUARY 2014

Sunday

Monday

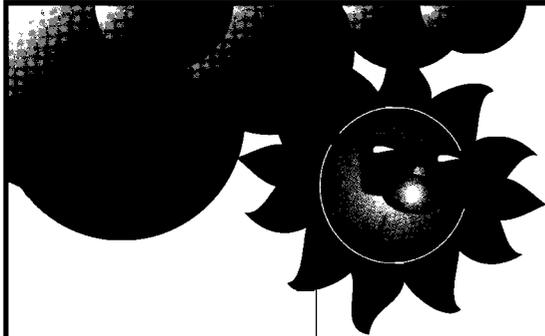
Tuesday

Wednesday

Thursday

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Saturday



			<p>2012: Following a 50-cm snowfall, a snow slide in the Selkirk Mountains near Revelstoke, BC, buried 4 skiers. The 3 rescued skiers stood upright partially buried in the snow. The other skier was fully buried and suffocated after only 10 minutes. Experts claim that about 90% of avalanche fatalities involve recreationists, such as skiers and snowmobilers, with the majority triggering their own avalanche.</p> <p style="text-align: right;">1</p> <p>New Year's Day New Moon ●</p>	<p>1950: Two convicts escaped from a jail in Headingley, MB, under cover of a howling blizzard and -30°C. The escapees were tending stock near the prison barn, dressed warmly in a sheepskin coats, dark cloth caps and dark pants. Poor visibility hampered prison guards to less than 2-car lengths. They followed fresh truck tire markings towards Winnipeg, MB, along the Assiniboine River but drifting snow wiped out the trail.</p> <p style="text-align: right;">2</p>	<p>2001: With near-record temperatures of 11.5°C and a negligible snow cover in Calgary, AB, the phone was ringing off the wall at companies specializing in scooping "doggie doo." One busy pooper scooper said "There's poop soup everywhere when it melts. That freaks people out. All of a sudden these brown flowers show up all over the place. A dirty job! But somebody's got to do it."</p> <p style="text-align: right;">3</p>	<p>2011: Mild Atlantic Ocean air flowed north into the eastern Arctic. Record-high temperatures occurred in Iqaluit, Coral Harbour, and Pangnirtung (6°C). With negligible sea ice, New Year's Eve fireworks were ignited from a boat in open water and the year-end snowmobile run on Frobisher Bay was cancelled for the first time. Unbelievably, up to 10 mm of rain occurred with around-the-clock melting.</p> <p style="text-align: right;">4</p> <p>Perihelion 07 EST</p>
<p>2012: With a thin and patchy snow cover across New Brunswick, small weasels and rabbits were rather conspicuous, especially to their predators. Coyotes, foxes, and birds of prey feasted on mice, shrews, and voles that rely on snow for cover. Deer didn't have to expend much energy foraging for food beneath the snow and could escape coyotes more easily.</p> <p style="text-align: right;">5</p>	<p>Weather Quiz 6</p> <p>What kind of snow is called heart attack snow?</p> <ol style="list-style-type: none"> 1) wet and heavy 2) second snowfall in a week 3) snow more than that forecasted 4) snow drifts a foot or more 5) snow pushed into driveways by city ploughs <p>(Answer on inside back cover)</p> <p>Epiphany</p>	<p>1911: A dispatch from central New Brunswick said "Raining again today, our fields are as bare as mid-summer, cattle are out grazing." Owing to the absence of snow, lumbermen complained that yarded lumber could not be hauled out. In Fredericton, NB, the opening hockey game featuring arch rival Marysville had to be rescheduled because the balmy weather made it impossible for the teams to get into shape.</p> <p style="text-align: right;">7</p> <p>First Quarter ●</p>	<p>1998: Northeastern United States tell victim to the same ice storm that ravaged eastern Canada. The Sunday Telegraph reported. "Last week in Stoddard, New Hampshire, 2 women driving down the same road from opposite ends found their paths blocked by a fallen tree. They stared helplessly at each other from either side of the massive, unmovable trunk—and then swapped cars."</p> <p style="text-align: right;">8</p>	<p>2011: A major storm dropped up to 30 cm of snow in Edmonton, AB—one of the biggest January snowfalls in 20 years. Fierce winds piled the snow into monstrous drifts leaving commuters with blocked roads, long transit delays, clogged parking lots, and some of the biggest windrows ever. Near Strathmore, AB, deep snow drifts and zero visibility stranded hundreds of motorists along the Trans-Canada Highway.</p> <p style="text-align: right;">9</p>	<p>2012: A blinding snow-storm and whiteout caused a small plane from Winnipeg, MB, to crash in North Spirit Lake killing 4 people. The crash occurred on a reserve about 300 km north of Kenora, ON, where rescuers snowmobiled and tramped through deep snow to get to the site. They frantically tried to douse the flames with snow while others pumped lake water from below the ice. Sadly, only one person survived.</p> <p style="text-align: right;">10</p>	<p>2013: A fierce blizzard that intensified over the Gulf of St. Lawrence lashed much of Newfoundland and Labrador with as much as 90 cm of snow, although drifts were 3 m deep in places. Visibility was down to 0.5 km in blowing snow. The storm knocked out power across the island (with some outages lasting 3 days) and closed St. John's airport and scores of schools, clinics, and government offices.</p> <p style="text-align: right;">11</p>
<p>1890: A powerful gale raged across Ontario inflicting considerable property damage. In Hamilton, ON, the winds blew pedestrians across the street. In Kingston, ON, winds took down the brick walls of a tannery and the rear end of the Salvation Army barracks. In Brockville, ON, the storm stripped the iron roof off buildings in one city block. In Prescott, ON, the spire on the Presbyterian Church collapsed.</p> <p style="text-align: right;">12</p>	<p>1975: A major storm in Atlantic Canada, with winds gusting to 130 km/h, snapped ice-laden power lines, leaving hundreds without warmth in -30°C weather. In New Brunswick, a utility company lineman was killed when winds upended the bucket on his cherry picker and he fell 10 m. In the mining town of Labrador City, NL, the RCMP organized buses to take 2,000 residents to shelter in 2 high schools.</p> <p style="text-align: right;">13</p>	<p>1907: Heavy snow and bone-chilling cold made life miserable in Edmonton, AB. The Edmonton Journal noted that "It's been a week of muffers and fur coats, of icicle moustaches and frost-rimmed eyebrows, of frozen windows on Jasper Avenue and frozen water jugs in the shacks and tents." The intense cold turned water in a fire hose to slush. Some families burnt straw and furniture to stay warm.</p> <p style="text-align: right;">14</p>	<p>2006: Kennebecasis River (NB) ice fishers pulled their shacks off the ice due to mild weather and heavy rain, ending their chance to cash in on a big smelt run. In 1 day, the ice shrank 10 cm. Some shacks fell through the ice and 2 floated away, but a few were saved using canoes, trucks, and ATVs. Spring weight restrictions for truckers in Nova Scotia and Prince Edward Island went into effect.</p> <p style="text-align: right;">15</p>	<p>1939: The Archbishop of Ottawa, ON, warned the city's Roman Catholics that winter sports like skiing, skating, and snowshoeing could lead to particular occasions of moral peril, especially when engaged in by both sexes. "It's ridiculous," exclaimed the Ski Club's president, with a grin. "It would be lots of fun having a petting party in 30 below zero weather, wouldn't it?"</p> <p style="text-align: right;">16</p>	<p>2012: Powerful winds roared across the Northwest Territories. Winds at Inuvik, NT, peaked at 100 km/h and blizzard conditions endured for over 24 hours. At Norman Wells, NT, it was an even longer 38 hours, eclipsing any previous record for blizzard duration. Winds took off several roofs, including the one at the Inuvik Airport. And, somewhere in the North there is a hot tub where it shouldn't be!</p> <p style="text-align: right;">17</p>	<p>1904: At Hootalinqua, YT, the air warmed from -48°C to 2°C (although a thermometer that came as a prize with Tutti Frutti gum read -59°C). A man and woman set out by dog sled from Dawson to Forty Mile and missed the trail in a blizzard. When the man became exhausted, the woman made him comfortable by putting the tired dogs over him to keep him warm and struck out on foot for help.</p> <p style="text-align: right;">18</p>

2013: Freezing rain closed major roads in northern Alberta, cutting off the oilsands region of Fort McMurray from the south. Hundreds of cars and trucks waited at either end of the roadblocks. After 2 days, ploughers, graders, and sanders came out in full force. Vehicles serving as pilot cars slowly led about 50 vehicles at a time in 15-minute intervals.

19

1996: Rescue workers used helicopters, bulldozers, and rubber dinghies to evacuate 1,100 residents from their homes southwest of Montreal, QC, when the ice-clogged Chateauguay River flooded its banks. Heavy rains, melted snow, and slabs of ice the size of compact cars—generated by strong winds and 2 days of warm temperatures (13°C) caused the flooding—the worst since spring 1971.

20

2013: Wind chill warnings across the Prairies kept social services on full alert. In Saskatchewan, roadside assistance was 5 times the daily average. Winnipeg, AB, shelters were maxed out and hospitals reported a large spike in emergency cases with hypothermia or frostbite. In one Winnipeg apartment, 2 caretakers were fired by a frugal owner after refusing to turn off the building's boiler during the day.

21

2012: Winter carnival events planned for Wolfville, NS, fell victim to the lack of winter weather. The carnival featured the first Yukigassen in Nova Scotia—an organized snowball fight. Needing snow for forts and ammo, organizers raided local arenas for the white stuff. They also used spray bottles to shape round snowballs. Mild weather forced outdoor hockey games into a ball hockey tournament instead.

22

2013: On P.E.I. the day's high temperature was -17.3°C—the coldest on record, breaking the old mark which stood for 66 years. One Charlottetown, PE, dog owner said her pet could only be outside for 3 minutes, even with a parka on. The cold didn't stop the City of Charlottetown's parking police from filling out tickets for violations. Plumbers and tow truck drivers across the region were working non-stop.

23

1943: In the grasp of a deep cold blitz, the hospital at Rimbey, AB, reported its fuel supply ran dangerously low. In some districts snow was so deep woodcutting was impossible. One frostbitten logger was brought safely to hospital in an unconventional way. With all the roads snow-blocked, rescuers hitched a tractor to his bunkhouse and hauled it and the patient 60 km to the Rimbey hospital.

24

1895: A fierce blizzard packing heavy snow and mighty winds raged across Ontario. In Windsor, ON, the snow paralyzed street railway lines. Ferry boats had a hard time against lots of lake ice blown down the Detroit River. In Toronto, ON, the snow was piled 3 m high, forcing hundreds to wade through knee-deep snow. The roofs of buildings groaned under weighty burdens of snow made deeper by strong winds.

25

Last Quarter 

2011: Weeks of heavy snow proved too much for large roofs in Alberta. The roof of a furniture store in Leduc, AB, collapsed, leaving a hole that was 5 to 10 metres wide. It was fortunate the building was empty because a large heating and air conditioning unit crashed into the store. Roof collapses occurred at gas stations, horse barns, and public buildings, though there were no serious injuries.

26

2011: The fifth winter storm in January tracked just south of Nova Scotia spreading snow, ice pellets, freezing rain, and rain. Driving conditions were so treacherous in P.E.I. and Nova Scotia that authorities pulled snowplows off roads. Inter-city bus travel was also suspended. In the tiny village of Notre-Dame, NB, the roof of a community centre suddenly collapsed.

27

2013: A temporary "river" raged through a section of downtown Montreal, QC, after a water main ruptured at a construction site. With temperatures at -9°C, streets thickened with ice. Large road graders dispersed the water. Some people wrapped themselves in garbage bags to protect them from the ice-cold water. At McGill University, several campus buildings were flooded and evening classes were cancelled.

28

1926: Ontario residents winced at the sting of icy snowflakes driven by powerful winds in frigid weather. The blizzard had its fullest fury in the rural sections of the province, where roads were blocked even for sleighs. Oddly, with the temperature at -24°C and a blizzard raging, a butterfly with wings spotted yellow and black fluttered among the window plants and flowers inside a Pembroke fire hall.

29

1935: One week earlier, temperatures in Saskatchewan dipped below -40°C. Despite the extreme cold, attendance in Saskatoon, SK, schools and colleges remained high. Although a number of smaller children stayed away, attendance in the higher grades was normal. One official pointed out that many children were warmer in school than at home.

30

1992: Atlantic Canada was in the midst of a week-long snowstorm. In Halifax, NS, total snowfall was 74 cm—the worst since 1960. A woman went into labour and the father drove on the wrong side of the street to bypass stalled vehicles. He rear-ended a car at the shock of the baby's first cry. The driver they crashed into escorted them to the hospital. A doctor cut the umbilical cord in the parking lot.

31

New Moon Chinese New Year
(Year of the Horse)

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FEBRUARY 2014

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Sunday

Monday

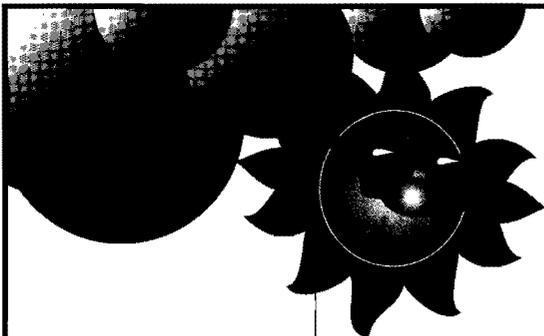
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2
1992: A monstrous snow-storm with blustery winds struck the Maritimes hard over the weekend. Storm snowfalls topped 160 cm at Moncton, NB. Snow drifts were in excess of 5 m. Snow-bound weather forecasters couldn't make it to work. In Moncton, NB, clean-up took days and consumed half the annual snow-clearing budget. Stores ran out of junk food and video stores cleared out anything that could be rented.

Groundhog Day

9
1987: A snow-laden section of roof collapsed at a St. John's, NL, shopping mall, injuring 7 people. Most shoppers escaped before the cave-in when they were warned by the noise of the creaking roof. A blizzard the day before dumped more than 30 cm of snow, making it the city's worst storm of the winter.

3
1923: A rash of accidents occurred on streets in Vancouver, BC, following a light snowfall and freezing temperatures. In one serious collision, a bobstled loaded with young people crashed into the rear of a heavy truck, swinging the truck around completely. Several pedestrians slipped on icy sidewalks, breaking legs and hips, and incurring numerous bruises and contusions.

10
2013: The storm that raked central Canada moved eastward and walloped Atlantic Canada, grounding flights and leaving thousands without power. A storm surge, combined with high tides and pounding surf, tossed rock onto highways. Water lapped at the doorsteps of shore properties. At its worst, 66 cm of snow fell at Debert, NS, and there were 160 km/h winds at Wood's Harbour, NS.

4
Weather Quiz
Which provincial drivers are least likely to outfit their cars with winter-rated tires?

- 1) Alberta
- 2) British Columbia
- 3) Ontario
- 4) Nova Scotia
- 5) Manitoba

(Answer on inside back cover)

11
2013: The storm that raked central Canada moved eastward and walloped Atlantic Canada, grounding flights and leaving thousands without power. A storm surge, combined with high tides and pounding surf, tossed rock onto highways. Water lapped at the doorsteps of shore properties. At its worst, 66 cm of snow fell at Debert, NS, and there were 160 km/h winds at Wood's Harbour, NS.

5
1895: The night's cold shocked even the oldest inhabitants of Hamilton, ON, when temperatures dipped close to -30°C. It was so cold that ice-cutting operations on the Bay were suspended. Several households faced frozen water pipes. Labourers, glad to earn a little money brushing away snow, began their work without proper clothing and footwear. They were soon advised to quit work and go home.

12
1894: The worst blizzard in years struck Ontario. The heavy, drifting, and packing snow impeded all travel. The Toronto, ON, and Hamilton, ON, street railway companies abandoned their cars for sleighs. In some instances, passengers had to help the horses along. Trains arrived at Union Station 3 hours late. At Niagara Falls, ON, water levels fell so low that powerhouses couldn't generate electricity.

6
2011: With temperatures below -24°C, a watermain break flooded 5 blocks of downtown Edmonton, AB. Vehicles froze in place. In some neighbourhoods firefighters waded through hip-deep water and used inflatable boats to rescue residents trapped in flooded homes.

13
1870: After heavy snowfall and rain at Low Point, NS, a wall of snow struck a house and carried it and the 6 occupants downhill onto the lake ice. The husband and children escaped unharmed. A baby remained in the cradle sound asleep through the ordeal and the wife/mother suffered bruising and burning when she fell against the stove.

7
2013: The largest snowstorm in 5 years hit the Toronto, ON, area. At least 3 people died amid treacherous roads and sidewalks. The massive weather system grounded flights and shut down schools. There were more than 350 collisions and nearly 5,000 calls for roadside assistance. As much as 44 cm of snow fell on parts of southern Ontario. More than 800 flights at Toronto Pearson Airport were cancelled.

14
2011: A 25-km stretch of wind turbines located in the Caribou Mountain region in northeastern New Brunswick was shut down for several weeks due to heavy icing. Officials blamed cold and wet weather that resulted in little thawing. The ice build-up alters the aerodynamics of the blades, rendering them ineffective as airfoils.

1
2011: A sprawling storm headed for Ontario's Great Lakes had forecasters predicting heavy snow, powerful winds, and freezing rain. Even before the first snowflakes, storm-fear prompted some schools to close and airlines to cancel flights. In the end, the storm had more bark than bite. Twitter users started calling the Snowmagadden "Snowtorious," "Snowbigdeal," and "Snowhysteria."

8
1904: The Pallanza travelling from Hamburg, Germany, to Halifax, NS, with 160 immigrants destined for Winnipeg, MB, ran into hurricane-like weather for 70 hours, during which the smokestack tipped and items blew off the decks. Following repairs in the Azores, she again ran into a severe storm during which a fire broke out. The passengers were panic-stricken while the crew battled flames for 8 hours.

15
2011: Moncton, NB, set a new record for the most snow on the ground in the month of February—120 cm which is 1 cm more than the previous record set in 1992. A storm-a-week in the last month made residents more than a little snow weary. High snowbanks and snow-packed streets became a serious safety concern for small children who would not be seen clearly by passing motorists.

<p>1910: Severe cold caused no end of trouble for the railways. The majority of trains arriving in Montreal, QC, were up to 6 hours late. At the main terminal, it was so cold that a big locomotive froze to the track when water meant for the boiler spilled over the wheels and track and quickly froze into a solid mass. Another locomotive was used to push the iced engine out.</p>	<p>2013: Another storm struck Atlantic Canada while residents were cleaning up from last week's blast. As powerful as a Category 2 hurricane, a wind gust in southwestern Newfoundland was clocked at 180 km/h. On the Cabot Strait, NF, 11-m waves made ferry crossings impossible. Tragically, the storm killed 5 young men from Woods Harbour, NS, when their vessel Miss Ally capsized in 10-m high seas.</p>	<p>1966: Winnipeg International Airport, MB, experienced its coldest temperature ever at -45°C. But buses managed to run on schedule, and planes and trains arrived only a few minutes late. In spite of the cold, the city's annual anti-mosquito campaign was underway as officials began spraying thousands of hectares of bushland.</p>	<p>2011: Following an intense thaw and heaps of wet, heavy snow on top of a fragile snow base and strong winds, officials raised the avalanche risk in British Columbia and Alberta to high. Three men from Alberta died in an avalanche triggered while they were snowmobiling near Golden, BC. In an unprecedented move, the Canadian Avalanche Centre extended its monitoring operations beyond April 21.</p>	<p>2007: A Native hunter in Parry Peninsula, NT, went adrift on an Arctic ice floe when winds caused his land tether to break. His wife and an American tourist from Las Vegas watched helplessly. It was below -50°C with the wind chill. A Canadian Forces helicopter search and rescue team plummeted onto the ice floe and stayed with him overnight. He was back hunting polar bears the next day.</p>	<p>2013: Ice on the Tibbitt-to-Contwoyto winter road, NT, was much thicker than usual when the season opened. Normally, the season begins with ice 70 cm thick. This week, ice was 100 cm thick and growing. Days below -30°C at Yellowknife, NT, numbered 56 this winter, compared to 19 the year before. However, cold temperatures are not always ideal because it can make the ice more brittle.</p>	<p>1879: The onset of a blizzard surprised most residents in southern Manitoba. Fences and loose boards whirled around in the wind. You could not see very far ahead. Consequently, several people became lost just yards from their homes and froze to death. Others crawled along fence lines. One farmer could not find his sleigh until he saw it sticking out behind the manure heap.</p>
<p>2011: Heavy snowfall followed by strong winds made the morning commute in Victoria, BC, long, slippery and frustrating. It was a 3-hour wait for towing. Snow accumulations varied between 5 and 25 cm. The city was getting ready for its annual spring blossom count when the storm hit. The weather system missed Vancouver, BC, but the next day, there was a wind chill reading of -14°C.</p>	<p>2003: The temperature in Winnipeg, MB, dipped to -35.9°C, the coldest day that winter. At Scoopy Doo Canine Waste Removal, business was picking up. Calling them poopsicles, the owner said, "It's actually easier to clean ... because it's so frozen you just whack it out ... like a golf ball." Extreme cold often causes water-main breaks, and owners must pay to free their car from ice caused by a break.</p>	<p>1965: In Parry Sound, ON, police used a sound truck to ask motorists to remove their cars from the downtown so that work crews could clear away a record 2-day snow total of 65 cm. However, the sound truck got stuck. In Orillia, ON, where 35 cm of snow fell, several residents did their weekly shopping on skis.</p>	<p>1914: A blustery and twisting wind from the south and west struck Claresholm, AB, causing extensive damage. Buggies, wagons, and cars were blown for hundreds of metres. The greatest damage was to the curling rink and to curlers. It was bad enough that the rink was just about paid for, but the idea that there would be no more curling caused many curlers to go into mourning.</p>	<p>2011: Winds howled through Whitehorse, YT, as the Yukon Sourdough Rendezvous got underway. Brave participants were wrapped up behind scarves, toques, and parkas. Everyone, that is, except the can-can girls, who were left shivering in their sheer stocking legs and feathered hairdos. The fireworks went off, but with many spectators watching the show from the warm comfort of their vehicles.</p>	<p>1907: The temperature hovered below -30°C across the west. Earlier in the month, the temperature dipped to -41°C in Saskatoon, SK. In Eagle Lake, SK, a man with 2 frozen feet went insane at a neighbour's house from acute suffering with no medical attention. He attacked his neighbour with an iron bar while the latter slept, causing permanent disfigurement.</p>	

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Valentine's Day Full Moon ☉ National Flag of Canada Day

Heritage Day (Yukon) Last Quarter ☾

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MARCH 2014

Sunday

Monday

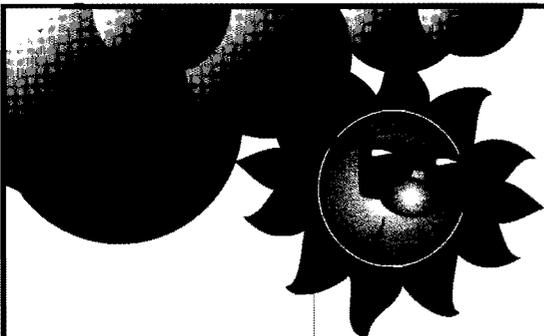
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Saturday



1
1914: A severe storm raced through southern Ontario and Quebec inflicting untold discomfort and fear. Toronto, ON, streets were littered with crumpled signs, broken plate glass, and downed wires, trees, and utility poles. Buildings swayed in record winds over 150 km/h. Winds unroofed the Libby factory in Guelph, ON, and demolished the top storey of a building in downtown Montreal, QC.

New Moon ●

2
2013: A resident of an apartment building in Saskatoon, SK, alerted management that a huge chunk of ice was about to fall through her window. The 3-storey-tall "icicle" weighed tonnes and would have driven through the walls. Using a chainsaw, the caretaker managed to break the ice mass into giant bits and avoid damage.

3
1925: At Port Nelson, MB, a railway official went out on the ice to visit some traps. Soon, the ice became detached and the tide carried him out to sea. He was given up as lost. The temperature was -31°C, but there was little wind. The ice floe traveled 40 km to sea, but miraculously, the next day, the tide returned the ice floe ashore to almost the same place where it started.

4
1971: Storm snows in Montreal, QC, totalled over 40 cm. The police thanked 200 snowmobilers, many from the Bombardier company who helped rescue 500 stranded motorists. In thanking the snowriders, the police chief said they too should now stay off the roads. In Morrisburg, ON, villagers drove snowmobiles on Highway 401 to rescue more than 100 motorists and a busload of schoolchildren from Toronto, ON.

5
1900: Snows whipped into monstrous drifts blocked trains near Brantford, ON. Two young passengers volunteered to get food at a nearby town. When they returned, the hungry crowd began to devour everything in sight. After the meal, cigars were indulged in and around 12 o'clock all retired to any spot providing comfort. Two men froze their ears walking 1 kilometre from one express train to another.

Ash Wednesday

6
Weather Quiz
The fiercest storms on Earth occur in Antarctica. What are these storms called?
1) weatherquakes
2) roaring torties
3) herbies
4) white bombs
5) wind chillers

(Answer on inside back cover)

7
2011: A second storm in 3 days dumped snowfalls of 50 to 70 cm in the Eastern Townships and Beauce, QC. New records were set at Sherbrooke, QC, (73.0 cm) and Mont-Joli, QC, (62.2 cm). People skied, snowshoed, and snowmobiled around town. The more adventurous snowboarded down hilly streets. In Montréal, QC, rainfalls totalled between 30 to 40 mm over 2 days—a rare occurrence in the month of March.

8
2003: Several Prairie communities set new daily low temperature records, including Brandon, MB, (-35.4°C) and Winnipeg, MB, (-34.6°C). In Edmonton, AB, the -42.2°C temperature beat the old record by more than 10 degrees. It was so cold in Calgary, AB, that a local newspaper joked there hadn't been a single drive-by shooting all week—it was too cold to roll down the windows.

First Quarter ●

9
2012: Warm weather combined with strong offshore winds, contributed to the rapid break-up of ice on Lake Simcoe. About two dozen ice fishermen became stranded on an ice floe near Shanty Bay, DN. Some fishers jumped from piece to piece. About a half dozen people were pulled from the icy waters. One man decided to jump the 2-m ice gap using his ATV, but crashed into the water, severely cutting his face.

10
1882: Following a day of heavy snow in Winnipeg, MB, powerful hurricane-force winds blew snow whirling in every direction. While the blizzard was raging, several immigrant parties arrived in the city. Hotel accommodations could not be had for all, so the large passenger depot was utilized as a temporary lodging place. In addition, a number of temporary tents were erected to house the newcomers.

11
1905: An express train reached St. John's, NL, after taking 5 weeks to make the round trip to Port aux Basques, NL. Snow drifts at times covered the train and piled higher than telegraph poles. Railway snowploughs were kept operating by men tearing up railway ties and using them for fuel.

12
2012: On Vancouver Island, BC, winds up to 95 km/h blew trees onto houses and cars. The strong winds also led to numerous ferry cancellations and grounded flights. The "weather bomb" created power outages for 100,000 customers in Victoria, BC, and Vancouver, BC. Strong winds buffeted the shoreline leading to a tangle of boats at some marinas. Several waterspouts were sighted near Alert Bay, BC.

13
2013: A slow-moving storm tracked across New Brunswick dumping between 35 and 90 mm of rain, causing localized flooding. An elderly woman in Nauwigewauk, NB, was rescued after the foundation of her home caved into a sinkhole. Residents in Stanley, NB, kept a wary eye on an ice jam that caused the Nashwaak River to overflow, filling the downtown with ½ m of water, causing the worst flooding in 40 years.

14
1973: An avalanche on Nine Mile Mountain near Hazelton, BC, killed one member of a party of 6 snowmobilers. Prior to the avalanche, there were several days of freeze-thaw and strong winds. The victim was found underneath the overturned snowmobile almost 3 m below the snow surface. Removing him from the hole was very difficult because the snow had set like cement.

15
1913: A severe hailstorm smashed hundreds of windows over Toronto, ON. Some buildings in eastern neighbourhoods lost all their windows on the west side in a shower of marble-size hailstones. Only a block away, fine weather prevailed.

2007: While crossing Great Slave Lake, NT, 2 snowmobilers ran out of gas but managed to survive 2 nights on the ice in -30°C weather. The RCMP said the men ran out of fuel after their extra gas tank sprang a leak. They began walking to Yellowknife, NT, and were picked up 60 km from their destination. Along the way, they made lean-tos and built fires to keep warm.

16

Full Moon 

1878: A storm with thunder that boomed like a cannon struck Halifax, NS. In one north-end church, several ladies became so frightened at the terrifying storm that they fainted. Lightning entered a house where a family was congregated in the front parlour. It struck a young lady sitting on the music stool and hurled her and the stool across the room.

17

St. Patrick's Day

2013: Winnipeg, MB, had been digging out from a snow-filled winter, and now a day before spring was facing -30 wind chill. Wicked winds prompted the closure of several schools, roads, and cemeteries across the province. Close to 172 cm of snow had fallen in Winnipeg, MB, this winter. With more spring snow sure to come and lengthy melt delays, residents' fears grew over the potential for spring floods.

18

2012: Around mid-March, temperatures soared throughout central and eastern Canada, with many cities registering early summer temperatures. During the spring heat wave, the afternoon temperature reached 28.8°C at Petawawa, ON, 17 degrees warmer than the previous record, and the highest temperature recorded in Ontario in the month of March. Lake Major, NS, was the nation's hot spot at a remarkable 30°C.

19

2013: A first-day-of-spring storm dumped 19 cm of snow on Moncton, NB, and nearly 40 cm of snow in Fredericton, NB. The eastern part of Nova Scotia received 20 cm of snow. Winds in eastern PEI gusted to 80 km/h. The storm closed schools, caused power outages, and shut down offices. At one point, the Canso Causeway was blocked. Ferries were taken out of service due to high winds, slush, and ice blockage.

20

Spring Equinox 12:57 EOT

2013: Just south of Edmonton, AB, multi-vehicle chain-reaction mayhem involving more than 100 vehicles was caused by strong northwesterly winds that blew 30 cm of snow into whiteout conditions. EMS crews trudged through the snow, and commandeered 3 Greyhound buses to house 80 injured. A cattle trailer carrying 74 heads of cattle was involved in the monstrous crash. Two cattle had to be put down.

21

1915: Following 18°C warmth and a rapid melt, millions of tonnes of heavy snow, rocks, and trees destroyed a mining camp north of Vancouver, BC. The huge solid mass completely demolished the bunkhouse, cookhouse, mine office, and other dwellings. 54 people were killed, including entire families. One occupant sleeping on a lower bunk of an iron bed was taken out alive from beneath 4.5 m of debris.

22

1972: A storm near Quebec City, QC, stopped the biggest strike in Quebec history. The 24-hour general strike by 210,000 public servants was postponed because of the storm.

23

World Meteorological Day

Last Quarter 

1929: Thousands of beavers perished in their homes in Aberdeen Lake, BC. Trappers speculated that many lakes froze to the bottom imprisoning the beavers.

30

New Moon 

1928: The flats around Blair, ON, were flooded to more than a metre in depth. A house 200 m from the Grand River was surrounded by water, unbeknownst to a family inside. A rescue attempt failed due to high waters.

24

1949: Newfoundland became Canada's 10th province. St. John's, NL, was cloudy, winds at 22 km/h, and 1°C. It hailed/snowed in July, prompting some "no-voting"

31 residents to interpret the weather as a sign of what was ahead.

1989: A piece of falling ice instantly killed the driver of a pick-up truck travelling on Highway 16, 50 km west of Terrace, BC. The 32-year old man died of massive head injuries. His common-law wife suffered minor injuries. The highway was closed to traffic for about 4 hours until highway crews were able to clear the ice. Controlled blasts were used to knock the rest of the ice down from the cliff.

25

2013: Unusual atmospheric conditions created a low-lying haze over Red Deer, AB, for over a week. The inversion developed when cold air at the surface became trapped under a layer of warm water. With no wind to carry the smog, fumes and fine particles hung close to the ground, dissipating only when the surface warmed up. The winter-time smog also affected Edmonton, AB, especially along river valleys.

26

2012: Across Prince Edward Island, all public and private school systems, along with colleges and universities, shut down in the midst of a howling snowstorm. Federal and provincial government offices also closed, including Canada Post mail delivery. Seniors couldn't get Meals on Wheels, and most recreational activities were cancelled. Surprisingly, only a few power outages were reported.

27

2012: Maple syrup production was down between 40 and 50 per cent on average across Eastern Canada. Record warm temperatures over 20°C with continuous melting signaled an abrupt end of the maple syrup season 3 weeks earlier than expected, causing the shortest season in 30 years. The run started early with less than ideal tlow weather, and ended abruptly when trees started budding, making sap unusable.

28

2005: Saskatoon, SK, cabbies had the spayed tires, ruined struts, and damaged ball joints and wheel alignments to prove it was the worst year yet for potholes. Holes seemed wider, deeper, and rougher. Letting the last snowfall melt on already cleared main thoroughfares left a lot of water around to cause damage; it was made worse when nearly half of March had melting days and freezing nights.

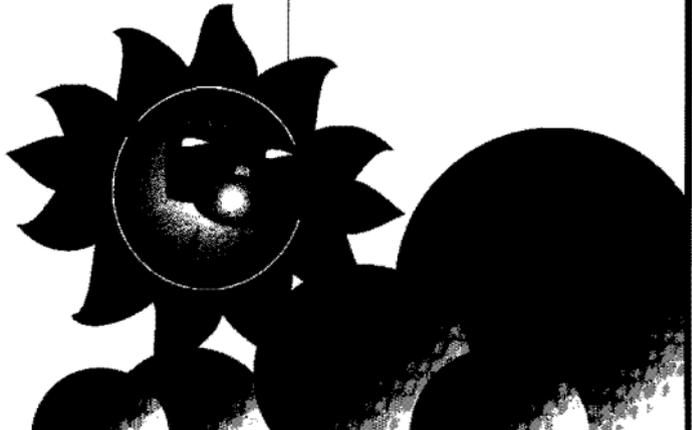
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APRIL 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		<p>1929: The worst storm in the Niagara, ON, district in 40 years demolished the Canadian Henley grandstand at Port Dalhousie. 150 km/h wind gusts made the stand quiver and shake, then buckle and collapse. Across the region, winds downed huge trees and miles of telephone and telegraph lines. Flying shingles filled the air. The roofs of a macaroni and shredded wheat factory were shot across the street.</p> <p>1</p>	<p>1967: Residents of Perth-Andover, NB, confronted another ice-jamming flood as record-high flood waters and huge chunks of ice raced down the main street, forcing 1,200 residents to flee to higher ground. 17 CP freight cars transporting chemicals were moved on to the bridge in an attempt to provide ballast against the ice jams but to no avail.</p> <p>2</p>	<p>1951: The St. Lawrence River flooded a section of the CNR line, east of Quebec City, QC, after a landslide covered rail lines to 6 m in places. In Montreal, QC, heavy ice floes ground against building foundations. Armed troops and police kept a cordon around 100 homes battered by the ice and water. Three government icebreakers began smashing ice jams in order to relieve flood pressure.</p> <p>3</p>	<p>1963: Gale-force winds were marooned for 2 weeks on Quebec's La Big Island. An early ice breakup had trapped the work party and shifting ice floes made their return impossible. They lit signal fires and ate gruel until rescuers reached the island. One man was left behind with provisions for himself and the horses. When the ice situation improved, the horses swam across the river.</p> <p>4</p>	<p>1932: Thirty lumberjacks were marooned for 2 weeks on Quebec's La Big Island. An early ice breakup had trapped the work party and shifting ice floes made their return impossible. They lit signal fires and ate gruel until rescuers reached the island. One man was left behind with provisions for himself and the horses. When the ice situation improved, the horses swam across the river.</p> <p>5</p>
<p>1926: Three men drowned when their 5 m motor launch swamped in the high waters on Lake Erie near Amherstburg, ON. The rum-runners lost their lives and a cargo of 50 cases of beer and whisky in a terrific gale. They were warned not to make the crossing in the storm. "Can't afford to wait; we need the money," said one, as the little craft darted out into the teeth of the wind and waves.</p> <p>6</p>	<p>1959: A stretch of mild temperatures quickly ripened a 3.6 m snowpack above a silver mine in Alice Arm, BC. Following warm rains the weather triggered an avalanche of snow mixed with rock and trees. The snow and rockslide broke through a snow shed striking a train and killing and burying the switchman in the debris. The avalanche, which came down 450 m from the company's mill, covered 23 m of track.</p> <p>7</p>	<p>2012: A spring storm cancelled Easter Sunday church services in parts of the Maritimes. Across PEI, residents had to shovel snow before taking part in egg hunts. Strong northerly winds up to 70 km/h combined with high tides pounded the Island's north shore. New Brunswickers between Bathurst and Moncton put aside their Easter bonnets to wear woolly hats as the spring storm dumped at least 20 cm of snow.</p> <p>8</p>	<p>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 ½ hour. Judging by the popular success of this prairie craft, several persons speculated that snowboat clubs will be the new winter sport and recreational rage.</p> <p>9</p>	<p>1936: A little girl from New Melbourne, NL, endured hunger, rain, snow and cold lost in the woods for 12 days. "I wasn't lonely or afraid, because the birds sang," she whispered upon rescue. She asked her father if he had any lambs this spring, and inquired if the trout were running yet. When darkness came she made a nest for herself under a tree. Doctors were astonished at her survivor instincts.</p> <p>10</p>	<p>1971: The flood-swollen Wascana Creek in Regina, SK, poured over its banks causing untold damage in at least 3 Regina, SK, neighbourhoods. Many residents spent the day rescuing belongings by shuttling back and forth in canoes and motor boats to their flooded homes. Sightseers with cameras and children in tow descended on the area, turning the scene into a makeshift tourist centre.</p> <p>11</p>	<p>1963: Rescue workers inched their way through huge drifts of snow to reach hundreds of motorists stranded on roads near Moncton, NB. The worst storm in decades killed 3 persons and snarled communications and traffic. In one stretch of highway about 1,000 cars were buried. Stranded motorists found shelter in farm houses. NB Premier Louis Robichaud was among those stranded for 19 hours near Salisbury.</p> <p>12</p>
	<p>First Quarter ☾</p>					
<p>1928: A German monoplane short on fuel made a hard landing in a blizzard on a small lake in Greenely Island in the Straits of Belle Isle, NL, instead of New York after a flight of 36 hours from Dublin, Ireland. The plane broke through the lake's crust of snow and ice. The Baron was cold and exhausted, and had nearly lost all hope of ever reaching land. He said he was prepared to shoot his crew if worst came to worst.</p> <p>13</p>	<p>1974: A 12-year-old boy who was struck by lightning while playing baseball in north Toronto, ON, suffered severe shock and burns to his stomach and ankles. His 3 companions were dazed but unhurt. His eyes were rolled back, his lips and ears were blue and he had no pulse when 2 adults began first aid. In the hospital, the boy was more upset over ruining his new Easter frousters which were covered with holes.</p> <p>14</p>	<p>1977: Almost 1,000 people were evacuated in Fort McMurray, AB, after flood waters forced the ice-swollen Clearwater River to rise 5 m in a day. Water inundated 1/3 of the town, flowing through basement windows. At a trailer park, water came within ½ m of the top of 47 new trailers. Some residents used canoes and rafts to reach their homes. The flood forced the closing of all taverns and the liquor store.</p> <p>15</p>	<p>Weather Quiz</p> <p>In what month are most people killed by tornadoes?</p> <ol style="list-style-type: none"> 1) April 2) May 3) June 4) July 5) August <p>(Answer on inside back cover)</p> <p>16</p>	<p>2012: With mildness and high winds, building winter roads and ice bridges to re-supply the diamond mines in the Northwest Territories has been a real challenge. The ice highway operated for 57 days, reaching 1-m thick 2 weeks later than last year. Nonetheless, all 6,500 freight deliveries were hauled on time; a credit to those maintaining the route. In Yellowknife, NT fewer than half the number of days with temperatures below -30°C occurred.</p> <p>17</p>	<p>1848: The steamer <i>Niagara</i> headed for Rochester, NY, with 100 passengers. The fresh winds became so strong that it was impossible to set the dinner table. The vessel rocked back and forth, enough to break mirrors and dishes, and move around furniture. The passengers crawled on their hands and knees. About 3 am, the ship grounded and sank a km from Rochester. Instead of a watery grave, those aboard and most baggage made it to shore.</p> <p>18</p>	<p>2011: Jack Layton tried his hand at being a TV weatherman. The late NDP leader appeared on national morning TV to deliver the weather forecast. He proved fairly adept at distinguishing between high- and low-pressure systems. When asked whether he preferred describing the weather from British Columbia to Atlantic Canada, he responded that he prefers from the left because he leans that way politically.</p> <p>19</p>

<p>Palm Sunday</p>	<p>2012: In most regions of Eastern Canada, pollinating trees and grasses started producing in unison, contributing to an early explosion of pollen and a massive outbreak of sneezing, sniffing, and watery eyes. Even people without allergies were experiencing throat tickles and running noses. The pollen season began 2 weeks earlier this spring and lasted longer.</p>	<p>Passover Full Moon ☉</p>	<p>1947: The 5000-ton Greek freighter <i>Alfios</i> ran aground on the offshore bars on Sable Island, NS, during a thick fog. High winds and huge waves slammed the vessel until it sank. After a wild storm in the summer of 1955, <i>Alfios</i> rose but vanished again 6 months later.</p>	<p>2012: A Calgary resident was napping on her couch when she heard a loud noise overhead. She then found herself on the floor. A lightning charge travelled from a tree to a chain-link fence, then along water pipes into her home. The water line ruptured and some electronics and wiring were damaged. The woman felt so lucky to be alive that she felt it was a good time to purchase a lottery ticket.</p>	<p>[Good Friday]</p>	<p>1902: A hail storm followed a peal of thunder in Dawson at 7:30 pm. Hailstones ranged in size from pea to goose egg and were so thick that the ground was still white the next day. The suddenness of the rare thunderstorm startled long-time residents. After all, the hills were still snowcovered and the river frozen. Electric lights in the city flickered several times before they burned steadily.</p>
<p>1897: A gang of wood labourers were asleep in a tent 12 km from Rossland, BC, when they were overwhelmed by an avalanche. One survivor had been awakened by what he thought was a derailed train car. He went to investigate and almost immediately a mass of snow, rocks, dirt, and trees came down, completely covering his tent. Miraculously, his tent-mates survived, although 7 men in the camp died.</p>	<p>2012: In most regions of Eastern Canada, pollinating trees and grasses started producing in unison, contributing to an early explosion of pollen and a massive outbreak of sneezing, sniffing, and watery eyes. Even people without allergies were experiencing throat tickles and running noses. The pollen season began 2 weeks earlier this spring and lasted longer.</p>	<p>1936: Rampaging floodwater on the Athabasca River in AB plowed paths of destruction. Peak water levels at Fort McMurray were the highest in 20 years. High-riding ice ramparts ripped out overhead telephone wires, knocked trees, and battered river-bank homes. On the North Saskatchewan River ice barriers forced ferry operators and boat owners to pull craft from the river but not before 2 boats were crushed.</p>	<p>1947: The 5000-ton Greek freighter <i>Alfios</i> ran aground on the offshore bars on Sable Island, NS, during a thick fog. High winds and huge waves slammed the vessel until it sank. After a wild storm in the summer of 1955, <i>Alfios</i> rose but vanished again 6 months later.</p>	<p>2012: A Calgary resident was napping on her couch when she heard a loud noise overhead. She then found herself on the floor. A lightning charge travelled from a tree to a chain-link fence, then along water pipes into her home. The water line ruptured and some electronics and wiring were damaged. The woman felt so lucky to be alive that she felt it was a good time to purchase a lottery ticket.</p>	<p>1901: A brief, intense wind and rain storm passed through Rosser and Stony Mountain, MB. The wind struck and scattered boards, window frames and straw hats. Cattle were rolled along the ground. The wind twisted a coal oil barrel in the air as if it were paper. It stood up a large cedar tree in the middle of a ploughed field, roots up. Farmers feared that any minute they would be lifted and carried away.</p>	<p>1902: A hail storm followed a peal of thunder in Dawson at 7:30 pm. Hailstones ranged in size from pea to goose egg and were so thick that the ground was still white the next day. The suddenness of the rare thunderstorm startled long-time residents. After all, the hills were still snowcovered and the river frozen. Electric lights in the city flickered several times before they burned steadily.</p>
<p>Easter Sunday</p>	<p>Easter Monday</p>	<p>Earth Day Last Quarter ☾</p>	<p>2003: With bad weather forecast, officials delayed opening the Prince Edward Island and North Shore lobster season. When foul weather failed to materialize, frustrated fishers were outraged over losing a day's revenue in an already short season. A lost day early in the season is especially harmful because catches are more plentiful and the meat is tastier than later in the season.</p>			
<p>2011: An intense thunderstorm system marched across southern and eastern Ontario and spawned the province's first tornado of the year near Fergus. The twisting winds pinned a girl under a fallen tree and nearly impaled a driver. At one property in Hidden Valley, the storm uprooted nearly a dozen mature trees. Where the patio furniture ended up, no one knew or was telling.</p>	<p>2011: Eight months prior, a huge tabular sheet of ice fractured off the Petermann Glacier near Greenland. It was the biggest ice island bobbing around the North Atlantic in nearly 50 years. It was visible off Newfoundland's Northern Peninsula, much to the thrill of locals and iceberg tourists. It at the speed of ½ km an hour, but was now only 1/5 of its original size, weighing less than 4 billion tonnes.</p>	<p>2012: Following a spectacular spring warmth that broke records everywhere in Eastern North America, tree blooms blossomed prematurely only to be nipped when a killing frost hit orchards in late April. Temperatures plunged below -5°C for a dozen hours or more. The hoar frost wiped out about 80% of Ontario's apple blossoms and some tender fruits. Losses were more than \$100 million.</p>	<p>2003: With bad weather forecast, officials delayed opening the Prince Edward Island and North Shore lobster season. When foul weather failed to materialize, frustrated fishers were outraged over losing a day's revenue in an already short season. A lost day early in the season is especially harmful because catches are more plentiful and the meat is tastier than later in the season.</p>			<p>New Moon ●</p>

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MAY 2014

Sunday

Monday

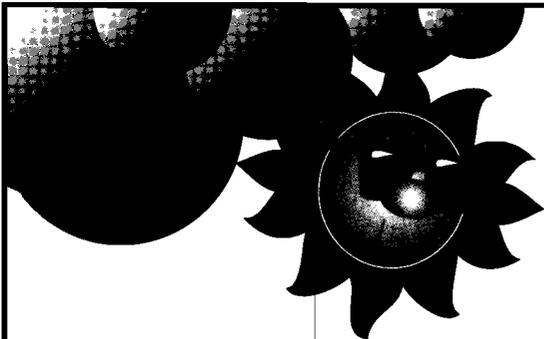
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2011: Record spring rains occurred in Montreal, QC, and along the Richelieu River. Quebecers filled sandbags and sloshed through hip-deep waters. Hundreds of roads and bridges were heavily damaged, and thousands of hectares of farmland were underwater. Residents returned home to ruined belongings, thick mould, building rot, cracked foundations, and overflowing septic tanks. **4**

1882: The barquentine *Christabel* arrived in St. John's, NL, firmly embedded in a floe of ice. The crew had been at sea for 63 days and were near starvation. Several British vessels were also trapped in the ice pack and showed signs of distress. One captain reported seeing 350 icebergs on the passage to St. John's. Two schooners laden with molasses were abandoned. **11**

1952: A gigantic wave generated by a sudden change in atmospheric pressure, sloshed against the Lake Huron shoreline as far south as Goderich, ON, raising water levels nearly 2 m. The surge lifted a bridge off its foundation, and carried vessels 2 ½ blocks inshore. Perch were found flapping on the highway. "It's time to get out when muskrats start coming in your front door," said one resident. **5**

1936: Several days with 30°+ temperatures left farmers in southern Ontario wishing for cooler weather. Field work began piling up, as farmers retrained from working their horses during the heat. In Stratford, ON, scores of horses dropped dead from sunstroke after only light field work. One company reported 100 calls to remove dead animals. Horsemen explained that the animals still had their heavy coats. **12**

1995: A late spring snowstorm dropped 20 cm of snow across Nova Scotia. The air-inflated roof at the Dalhousie University sports complex caved when a computer, monitoring air pressure and a system to melt roof snow, failed to turn on. A quick melt occurred and the resulting water flooded a prized basketball court, stained a rubberized floor, and warped hardwood courts, worth at least \$100,000 each. **6**

First Quarter ☾

2011: Known as the flood that would never end, water rose to their highest levels in modern history across parts of Manitoba and Saskatchewan. At Brandon, MB, the Assiniboine River was nearly 7 m higher than normal and 20-30 times wider in some areas. Engineers estimated river flows at a recurrence of once in every 330 years. Governments spent close to \$1 billion on flood fighting and victim compensation. **13**

1918: The gardener at Casa Loma in Toronto, ON, thought that the end of the world was happening when lightning struck the roof of the castle. The lightning bolt damaged a stone gargoyle at the south-east corner of the roof, streaked down the tower, cleared off 6 m of tile and sent them clattering to the ground. Four large holes were left on the east side of the main roof. **7**

1986: A surprise spring snowstorm brought most of south-central Alberta to a standstill. Winds of 80 km/h toppled snow-crusting trees and power lines causing unprecedented damage to the region's power transmission system—100 steel transmission towers and 2,300 wooden poles toppled. The storm closed highways and airports and whipped snow drifts so high that they buried cars. **14**

1874: The ice bridge on the St. Lawrence near Quebec City, QC, has been intact longer than it has been in the last 38 years. When it broke, the force of the ice-water carried away piers and damaged several steamers and tugboats. Of the 3 schooners laden with flour and other provisions, 2 filled with water and sank. In one case, a small tugboat was lifted out of the water and thrown upon another vessel. **8**

2011: One-third of the structures in Slave Lake, AB, were incinerated in the 1000°C heat—reduced to burnt concrete, twisted steel, and blackened rubble. Inside the inferno, intense heat created the fire's own dry thunderstorm. Wind gusts tossed red-hot embers, twigs, and bark overhead. The Slave Lake wildfire was the second costliest natural disaster in Canadian history at more than \$700 million. **15**

1862: Late in the day, the western sky near Lindsay, ON, became dark. A tornado moved along in zigzag directions, uprooting trees along the way and tossing branches 200 m in the air. Winds destroyed fences and scattered rails, and cast large stones in every direction. At one farmstead, winds unroofed a barn, carried away half the house, and dashed a wagon loaded with wood. **9**

Weather Quiz **16**

The most popular type of weather represented in classical music compositions is:

- 1) rain
- 2) storms
- 3) seasons
- 4) wind
- 5) sun

(Answer on inside back cover)

1989: A "dirt blizzard" blew across much of southern Saskatchewan. Winds gusting over 90 km/h whipped newly seeded fields into grey clouds of dust, reducing visibility on many highways. The swirling winds toppled trees, damaged buildings, and grounded light planes. One RCMP officer said that "when tumbleweeds started coming in the twenties and thirties, they looked like a herd of bouncing antelope." **10**

2011: In Edmonton, AB, weather created the perfect habitat for mosquito breeding. The weather also made it difficult for spraying, giving mosquito larvae a head start on hatching. Meanwhile, in Winnipeg, MB, a cool spring and hot summer dried the ground creating an environment where mosquitoes couldn't hatch. Winnipeg gladly passed on the title of "mosquito capital" to Edmonton. **17**

<p>Mother's Day</p>			<p>Full Moon ☉</p>			
<p>1996: At Pilot Butte, SK, powerful winds picked up a farmer and carried him 130 m before dropping his battered body. "I had just moved the tractor into the shop when I saw three cows crossing the yard," the farmer explained. "They weren't at eye-level, they had literally been swept off their feet by the wind...I survived the storm, but I was as black as the Ace of Spades."</p>	<p>1908: 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>1902: A cyclone inflicted extensive damage in the Carbury district of Manitoba. The terrific wind and rain storm caught farmers in their fields, and they were barely able to reach their barns for safety. The wild winds wrecked numerous farm buildings and stopped farm operations for days. Near Calgary, AB, a similar storm was said to be the worst in history.</p>	<p>1928: In Chandler in the Gaspé, QC, onrushing waters carried away portions of the main street. In a cemetery, the flood washed out graves, laid coffins bare, and overturned and smashed tombstones. Small bridges and culverts along the Metapédia-Gaspé rail line were washed away. Residents in Gédéon, QC, and St. Méthode, QC, faced famine since no food supplies had entered the towns for a week.</p>	<p>2012: Across northeastern Ontario, May's hot, dry, and windy weather led to an early start to the fire season. Dangerous hot spots were everywhere, with the largest fire burning near Kirkland Lake, ON. Near Timmins, ON, smoke and ash prompted officials to evacuate 800 residents from nearby cottages and campgrounds. Strong winds pushed the haze closer to the city before shifting winds reduced the threat.</p>	<p>1991: In the Annapolis Valley, NS, nighttime temperatures plunged to -3°C, severely damaging apple and other fruit blossoms. Specialists estimated that frost nipped between 40 to 80 per cent of the valley's fruit trees. Buds that survived produced mostly spotted or deformed fruit. Orchard workers sprayed water all night in order to prevent frost from damaging the strawberry and blueberry crops.</p>	<p>1963: A small, unexpected twister churned through suburban Ste-Catherine near Montreal, QC. The full force of the winds caught a Seminary College, removing most of its roof. Winds tossed a parked car into the air and dropped it on a tennis court several metres away. When a Montreal policeman returned home, he found only the walls of his bungalow standing.</p>
	<p>Victoria Day</p>		<p>Last Quarter ☾</p>			
<p>2012: On a day with scorching hot and humid weather, lightning struck and killed a teenager while he and his female friend were standing under a tree in Ottawa's Vincent Massey Park, ON. He went into cardiac arrest while she suffered numbness in her arms. Another lightning strike hit a clothesline and raced to the aluminum window frame of a home. Another cut a hydro pole into two.</p>	<p>2012: The <i>Swiftsure Lightship Classic</i> off Victoria, BC, began under less than ideal weather. The race had to be postponed for 20 minutes due to lack of wind. By mid-afternoon, racers got more than they bargained for as they confronted winds over 70 km/h. The rough weather and seas caused one man to fall overboard, while an entire crew of 8 abandoned their boat after crashing into rocks.</p>	<p>2012: Seven hours of thunderstorms pounded Thunder Bay, ON, with rainfall between 35 and 120 mm. The ensuing flash flood caused washouts on numerous roads, cut power to many buildings, and filled thousands of basements with up to 2 m of sewage water. At one point, the city's water treatment plant failed, leaving the facility with a massive back-up of brown water. Property damages exceeded \$100 million.</p>	<p>1920: The little village of St. Quentin, NB, was almost entirely wiped out because of forest fires spread by strong winds from a lumberyard fire. Nearly 1,000 people were left homeless. About 320 square km of standing timber were destroyed. The fire also burned thousands of railroad ties along nearby sidings, and the intense heat buckled steel rails.</p>	<p>2012: Back-to-back rush-hour rainstorms pounded downtown Montreal, QC, dropping up to 120 mm of rain at a rate approaching a 100-year recurrence. Major thoroughfares became canals, and intersections formed lakes with water lapping up to the door handles of cars. Water flowed into thousands of buildings including schools and colleges, the National Library, and the Archives of Quebec.</p>	<p>1831: Lightning struck the chimney of Henry Lord's house in Saint John, NB, splitting it from top to bottom. The strike tore off the mantle piece, and completely melted the brass shovel and tongs that stood near the fireplace. A man in an adjoining room lost his speech temporarily, but he soon recovered. Out in the barn, the cow Mrs. Lord was milking was knocked down by lightning, but was not injured.</p>	<p>1975: A tornado ripped through St. Remi, QC, injuring 4 people and inflicting millions of dollars in property damage. The twister blew down barns and devastated crops. A 1-month-old girl suffered a fractured skull when she was tossed in the air. Northwest of Montreal, QC, a student on a survival training course was killed when lightning struck the camp. A 3-hour attempt to revive the teenager failed.</p>
			<p>New Moon ☿</p>			

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JUNE 2014

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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>2011: A massive thunderstorm rumbled through Nova Scotia as part of a major weather system that earlier in the day featured deadly tornadoes in New England. In Nova Scotia, the scary storm highlighted a dazzling display of lightning flashes that lit the sky for hours. The storm left 50,000 customers in the dark, which added to the vivid light and sound show.</p> <p style="text-align: right;">1</p>	<p>1845: A couple from Miramichi, NB, awoke when rain began dropping through the roof onto their bed. As they moved their bed alongside a stove, lightning struck the stove, shattering it to pieces and killing the woman instantly. The same storm at Rollo Bay, NB, capsized 2 fishing boats and 6 fishers drowned.</p> <p style="text-align: right;">2</p> <p>World Environment Day</p>	<p>2012: Severe storms with the threat of a tornado travelled along the Trans-Canada Highway between Portage la Prairie and Winnipeg, MB. The storm featured heavy rains, damaging winds, and large hail. The bad weather was a concern for contractors who promised a new home with a September opening for the Winnipeg Blue Bombers. Weeks of strong winds had suspended work on the University of Manitoba campus.</p> <p style="text-align: right;">3</p>	<p>1945: Some 10,000 veterans of the United States 1st Army landed in New York aboard several troop vessels, one of which, the John B. Hood, had a 3-m hole in its bow, a souvenir of a 14-ship collision in fog off the Grand Banks of NL. Several damaged vessels put in at Halifax. Two of the vessels also struck icebergs. P.O.W. soldiers on the John B. Hood began screaming until their captain reassured them.</p> <p style="text-align: right;">4</p>	<p>1932: It didn't rain "cats and dogs" at Banff, AB, but it rained wild ducks instead. During a brief, heavy rainstorm a night flight of wild ducks was forced down, and they mistook the illuminated asphalt and damp roads for streams. Many birds crashed, breaking their necks. The next morning, children reaped a harvest of dimes by collecting and selling the dead birds to a local taxidermist.</p> <p style="text-align: right;">5</p> <p>First Quarter ☾</p>	<p>1879: A storm from Newfoundland, later described as a hurricane, came ashore at Rimouski, QC. Strong winds grounded several large schooners. The sea rolled into town, swamping the streets and carrying away sidewalks. The shoreline was strewn with smashed boats, as well as wood from wharves and other harbour buildings. The storm also tore up the railway track on the wharf.</p> <p style="text-align: right;">6</p>	<p>2012: Widespread June rains escalated the snowmelt across BC. Some places got as much rain in one day as they would normally see in the entire month. Emergency officials opened 19 local centres and issued high water advisories for at least a dozen rivers across BC. Rivers and lakes reached levels not seen in decades, forcing hundreds of residents from their homes, closing businesses and roadways.</p> <p style="text-align: right;">7</p>
<p>1824: An army officer in Toronto, ON, fell victim to lightning. Electricity entered through the officer's barracks, descended along the iron of the window, and entered his body at the back of his ear. In another incident, a Corporal holding his infant son was also struck and both were killed. Elsewhere in Toronto, lightning tore off the steel clasps of a prayer book scaring a family across the room.</p> <p style="text-align: right;">8</p>	<p>2012: Heavy spring rains combined with a rapidly melting snowpack in the Yukon mountains caused mudslides and road washouts along the Alaska Highway. The blockage knocked out supply lines causing serious food and fuel shortages. Phone and internet services were cut, and river ferry services halted. At Lower Post, BC, waters from the Liard peaked a metre higher than the record set 40 years ago.</p> <p style="text-align: right;">9</p>	<p>1990: The remnants of tropical storm Boris brought 3 days of heavy rain (54 mm) to central BC. Twice that amount fell in the Peace River area of BC and AB. Nine people drowned in the resulting floods, including 4 young tree planters who drove off the flooded end of a bridge, southeast of Prince George, BC. Total flood damage was estimated at \$10 million.</p> <p style="text-align: right;">10</p>	<p>1918: Around 10 p.m. a violent wind and thunderstorm swept across an army camp in the Niagara, ON, region. Several large mess tents were blown down. In the band's quarters, the storm damaged the musical instruments, terminating morning reveille. A great elm tree at the officers' compound, a landmark for generations of soldiers-in-training, was damaged and its biggest limb carried 10 m by the wind.</p> <p style="text-align: right;">11</p>	<p>2012: You would have to go back to 1971 to find a "June-uary" even close to the chilliness of June in coastal BC. Fast-moving weather systems completely eliminated the chances of a sunny day. One sure sign was that there wasn't enough ripe field fruit at pick-your-own markets. Vancouver had only seen 3 seasonably warm and dry days in the past 24. Beach businesses and bicycle rentals were slowed.</p> <p style="text-align: right;">12</p> <p>Full Moon ☽</p>	<p>1906: A thunderstorm inflicted widespread damage across Regina, SK, and the surrounding country. Strong winds blew signs and fences down and damaged several sturdy buildings. Balgonie, SK, lost its skating rink. A newly-erected stable was turned completely over and now stood on its roof. Inside, a horse tied in his stall was found by his owner the next day, still tethered to the same spot uninjured.</p> <p style="text-align: right;">13</p>	<p>1892: A terrible cyclone struck the village of Ste. Rose, QC, without warning, carrying away buildings, huge trees, and farm animals. The cyclone tore the small wooden school house to pieces. The teacher received a head blow and was found amongst the debris. The children flew in all directions, and sadly 3 died and 12 were seriously injured.</p> <p style="text-align: right;">14</p>
<p>2012: Weather forecasters were kept busy on the Prairies with the second most active summer for severe convective weather. Of the 63 days between June 13 and August 14, only 11 days were free of severe weather. On this extraordinarily active day, as many as 50 cold-core funnel clouds, tiny landspouts, and 8 confirmed tornadoes swept through west-central Saskatchewan, leaving a massive trail of debris.</p> <p style="text-align: right;">15</p>	<p>1905: At a Toronto, ON, factory tons of snow was preserved when teamsters tossed loads of ashes from furnaces on the snow. Four months later, the furnace refuse was now being carted away, which uncovered the snow. Workers enjoyed tossing snowballs at preoccupied passers-by. One old gentleman kicked the snow, picked it up, smell it, and finally tasted it before he could believe that it was really snow.</p> <p style="text-align: right;">16</p>	<p>2012: They cleaned up across Manitoba and northwestern Ontario following a day of wild weather which included a tornado watch north of Winnipeg, MB. In Dryden, ON, winds believed to be tornadic lifted the metal-and-concrete-floor building 2 m off the ground before dropping the structure and blowing it away. Two-by-tours flew like javelins, piercing the building walls next door.</p> <p style="text-align: right;">17</p>	<p>Weather Quiz</p> <p>What was the most discussed disaster of the 20th century in North America?</p> <ol style="list-style-type: none"> 1) San Francisco earthquake 2) Hurricane Katrina 3) Chicago fire 4) sinking of the ocean liner <i>Titanic</i> 5) SARS outbreak in 2002-2003 <p>(Answer on inside back cover)</p> <p style="text-align: right;">18</p>	<p>2011: Several thunderstorms slowly made their way across PEI, bringing heavy rain, winds, and hail. Hail the size of marbles and golf balls began to rain down. The noise hitting car roofs was so deafening you couldn't hear phone conversations. Hail piled up, creating early-summer snowbanks. Lightning strikes caused a number of outages that kept Maritime Electric crews scrambling.</p> <p style="text-align: right;">19</p>	<p>2011: Flood watches were issued for much of Alberta. In Edmonton, AB, storms dumped a month's worth of rain in parts of the city, flooding scores of basements. Manhole covers blew sky high as traffic drove by. A passing driver inadvertently fell into a hole. Soggy weather torced the closure of all grass playing fields. Gravel walking trails beside the North Saskatchewan River were a metre under water.</p> <p style="text-align: right;">20</p>	<p>2012: A moist weather system anchored off Oregon's coast soaked much of British Columbia, triggering a new round of flooding. Some communities reported double to triple the normal rainfall amounts. Along the mighty Fraser River, the threat of breached dikes, endangered livestock, and property damage loomed. Sections of asphalt gave way, leaving gaping holes that swallowed dozens of vehicles.</p> <p style="text-align: right;">21</p>

Father's Day

1934: A terrific hailstorm accompanied by driving wind caused extensive damage across NB and PE. In Rexton, NB, hailstones as large as chickens' eggs smashed windows, tore away shingles, and punctured roots. The 30-minute storm also terrorized livestock. A team of frightened horses bolted at St. Charles, NB, and one, suffering a broken leg when it fell, had to be put down.

22

1944: At a farm in Caradoc, ON, a tornado picked up a large metal tub filled with water and sent it hurling over a 2-storey house. It sent the tub crashing into a pump on the opposite side of the house. When the farmer found his tub the next day, it was hanging on the pump spout right side up, and ready to hold water again.

23

Discovery Day –
Newfoundland and Labrador

2011: Drenching thunderstorms pounded the Ottawa, ON, region, less than 24 hours after the area was hit by a supercell storm. Houses were hit by lightning, basements flooded, roads washed out, power blacked out, and trees toppled. Neighbours helped each other pump out a metre of water from basements. Ottawa's annual Teddy Bears' Picnic at Rideau Hall was cancelled for the first time in 27 years.

24

St. Jean-Baptiste Day

1915: A tornado struck Grassy Lake, AB, almost obliterating the business section. The tornado continued, destroying crops, farm buildings, a lumber yard, and derailing an entire freight train. At Redcliffe, AB, almost the whole of the downtown was a total wreck. Among the buildings damaged were an iron works, a cigar factory, a knitting mill, and some of the finest private homes in town.

25

Last Quarter ☾

2012: A major wind storm inflicted considerable damage in North Battleford, SK, snapping off century-old trees like they were toothpicks. Winds lunged about grain bins and lifted roofs off. In one house, after 50 mm of rain, water flowed down the stairs. There were 500 reports of wind events in 36 hours, 10,000 lightning strikes, and hundreds of funnel cloud and tornado reports.

26

1915: A shaken telephone operator at Rocky Mountain House sent a warning to the Alberta capital: "My God, Edmonton, look out; the river's up 20 feet and still jumping." Soon, 50 homes were swept away in the turbulent waters of the North Saskatchewan River; and 2,000 people were left homeless when more than 35 city blocks were inundated. A heavy freight train was driven onto a bridge to weigh it down.

27

New Moon ●

2001: A construction crew setting up a crane to do maintenance on the Champlain Bridge in Montreal, QC, watched in horror as strong gusty winds toppled the structure 30 m over a guardrail, taking 2 workers with it into the St. Lawrence River. One man inside the cabin of the crane managed to free himself. The other victim, walking beside the crane, fell into 6 m of water and drowned.

28

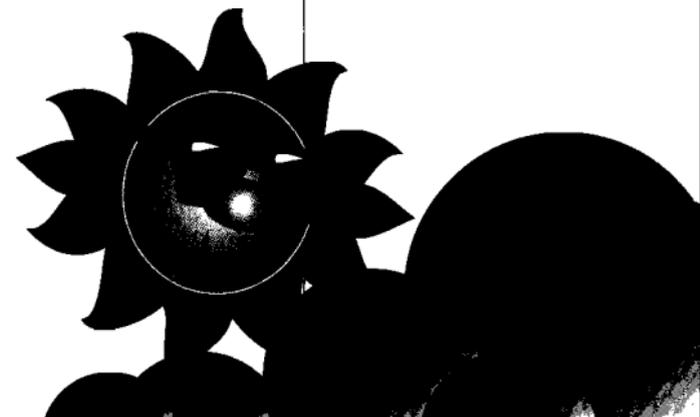
2011: A woman was peacefully driving along the Trans-Canada Highway between Hope and Chilliwack in BC. The next minute she slammed into an avalanche of water, mud, and trees—a slide that measured about 40 m by 15 m blocked a rail line and 4 lanes of the Trans-Canada Highway in both directions in the Fraser Valley. The mud slide also took out a 20-car CN rail train.

29

1956: A farmer from northeast of Langruth, MB, had begun working for the Manitoba Power Commission 2 weeks before to buy insurance for his crops against hail damage. Just hours before he intended to buy the policy, the worst hailstorm in 27 years struck his area. The ruined farmer watched from his car as golf-ball-sized hail pounded his glorious fields of wheat and oats into the ground.

30

Ramadan



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JULY 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		<p>1907: A rancher living near Jackfish Lake in AB was killed instantly by lightning. His wife witnessed the tragedy from a window of their home. He was leading a horse when the bolt hit. It struck the man in the forehead, travelled down his spine, and disemboweled him. His clothes were torn in fragments and his boots were burned from his feet. The horse fell to the ground but was not killed.</p> <p>Canada Day</p>	<p>2012: Farmers in Essex County, ON, incurred millions of dollars in damages after ping-pong-sized hail ripped through fields of corn, wheat, soybeans, and tomatoes on the Canada Day weekend. Some wineries near Lake Erie were hit by quarter-sized hail causing heavy bruising to grapes. While shutting his truck windows, a man received multiple bruises to his arms. Winds exceeded 150 km/h.</p>	<p>2012: Forty-eight tornado warnings were issued when active weather systems swept across the Prairies. West of Didsbury, AB, a tornado tore a roof off a house and scattered uprooted trees. Hail filled ditches and there were pieces of metal roofing everywhere. In Red Deer, AB, the torrential downpour flooded parking lots, streets, and businesses. A couple of vehicles floated on a city street.</p> <p>Aphelion 20 EDT</p>	<p>1905: At Rossland, BC, a bolt of lightning penetrated 170 m down into a mine shaft, severely shocking the miners and knocking one unconscious or senseless. The men were so far beneath the ground they couldn't hear the rumbling of the thunder overhead.</p>	<p>1939: A furious wind and rain storm struck parts of Winnipeg, MB. The Conklin Show was in town and suffered extensive damage. Flying timbers and tents created a minor panic among employees. The wind moved a row of Ferris wheels and a motorcycle ride called the Globe of Death more than 2 m. A crew of 300 men immediately began repairing the damage to prepare for the next day's visitors.</p> <p>First Quarter ☾</p>
<p>2012: Water levels in the St. Lawrence River at Montreal fell a metre lower than a year ago. Other large rivers in Quebec also reached historic lows. For recreational boaters, depressed water levels were a safety hazard. For commercial navigation, it necessitated load reductions of 10% to avoid running aground. Hydro-electric generation was also reduced due to lower flows.</p>	<p>2011: Three weeks after the conflagration devastated 1/3 of Slave Lake, AB, it began to rain for 17 days yielding a monthly June total of 200 mm—the wettest on record. A deluge on this day dumped 100 mm of rain, washing out roads and filling basements. Floods forced stretches of highways to close. Following wildfires and rains of a biblical magnitude, residents wondered if locusts could be next.</p>	<p>2012: Two women were still in hospital with non-threatening injuries following yesterday's lightning that jumped over to where they were standing at the Oromocto Boat Club in New Brunswick. To the east, the storm left the Magnetic Hill site of an outdoor Nickelback concert in a quagmire. Concertgoers donned plastic ponchos and rain boots or sheltered behind the grandstand.</p> <p>(Answer on inside back cover)</p> <p>Nunavut Day</p>	<p>Weather Quiz</p> <p>Which province has the greatest number of hot days (over 30°C) on average?</p> <ol style="list-style-type: none"> 1) Ontario 2) Quebec 3) Saskatchewan 4) British Columbia 5) Manitoba 	<p>2012: As temperatures soared in Alberta, rare blackouts were necessitated owing to high energy demand—mostly from fans, air conditioners, and irrigation systems. The hot weather (30°) arrived just in time for the 100th anniversary of the Calgary Stampede. In Saskatchewan, the land of the wind chill became the home of the humidex with several advisories warning that it would feel like 40° or higher.</p>	<p>2012: Biologists in Newfoundland and Labrador closed several world-class salmon rivers to anglers because of recent stretches of hot weather and little rain. With shallower and warmer waters, salmon became stressed and lethargic. Water temperatures rose above 22° C, some 7° degrees warmer than normal, which is high for cold-blooded fish.</p>	<p>2012: Residents of Johnson's Landing, BC, felt the ground shake; 45 seconds later a massive landslide engulfed the community destroying 6 homes and killing 4. The 4-m deep debris field of mud, rock, and broken trees extended the length of several football fields. The tragedy was triggered by record June rains and a late-melting snowpack that also swelled Kootenay Lake to its highest level in 40 years.</p> <p>Full Moon ☽</p>
<p>1903: The past week featured excessively high heat and humidity with temperatures in the mid 30s across southern Ontario. When a government railcar arrived from Simcoe, ON, loaded with fish, it was determined that dozens of fish died in the vats, likely killed by heat and lightning, which struck the train during a severe electrical storm.</p>	<p>1905: A midnight tornado blew down buildings in Winnipeg, MB, leaving 4 dead and many more injured. The furious storm flung people to the ground, tore down chimneys, and demolished several buildings under construction. Winnipeg had the appearance of a city under siege. Outside Winnipeg, the storm's fury destroyed farm buildings and killed several head of cattle.</p>	<p>2012: About 20,000 lightning strikes occurred in southern Ontario between Orangeville and Toronto. A mudslide along a major Toronto thoroughfare washed out the side of a viaduct. To the east in Whitby, ON, a lightning bolt struck a tent at a rib fest with hundreds of people inside. Three were knocked unconscious and 17 were sent to hospital. There was little prior warning with zero rainfall and light winds.</p>	<p>1982: A storm with winds up to 100 km/h, sporadic hail, and "coloured" lightning ripped through Bagot, MB. Some wooded areas looked as if a bulldozer had run amok, leaving white scars where branches and trunks had been sheared off. Various TV antennas stood erect, untouched by the storm, whereas others were bent to resemble modern sculpture.</p>	<p>2011: A sudden violent gale toppled the main stage at the Ottawa Bluesfest music festival in Ontario. The powerful blast sent thousands of people scurrying from the grassy site as scaffolding buckled and collapsed backwards in a matter of seconds. Shockingly, only 3 people were injured, but none seriously. An unofficial weather station in east Ottawa recorded a wind gust of 154 km/h.</p>	<p>1856: Lightning struck a house in Chatham, NB, killing 2 young girls. The father of one of them threw a barrel of flour on the fire from an upstairs window. He then took his injured wife outside, where she told him that both girls were dead. He went back in and saw them standing at a table, holding dishes. As soon as he touched them, they both fell dead.</p>	<p>2012: At 9:30 p.m. photographic evidence from a cell phone was taken of a funnel cloud near the Inuvik Airport, NT. Pilots were asked to report any surface damage confirming a possible touchdown. If confirmed, it would be one of the most northern sightings of a tornado anywhere in the world.</p> <p>Last Quarter ☾</p>

20 2012: Residents and vacationers in Grand Forks, BC, witnessed a fierce thunderstorm. Gusty winds of 100 km/h swept through the area cutting power for more than 20,000 people. The majority of trees around the camp came down, killing an 11-year-old boy and injuring several of the 65 children visiting the camp. The powerful storm uprooted trees, downed power lines, and scattered debris.

21 1975: A freelance photographer died in Brockville, ON, when struck by lightning. He was struck after he left his car to help another driver involved in a minor traffic accident. His wife, who saw the incident from the car, was taken to hospital in shock. Three others were also killed. A Sudbury, ON, evangelist escaped injury when his Brockville crusade tent was blown down.

22 1921: A terrific cyclone wrecked the historical church at Lac La Biche Mission, AB, the second oldest church in Alberta, scattering debris like matchwood on the shores of the lake. The winds also damaged the roof and smashed all the windows of the convent. The winds drove a nearby pile of sawn lumber endways into the walls of the convent.

23 2012: Severe thunderstorms raked parts of eastern Ontario and western Quebec inflicting \$100 million in property losses. Heavy downpours combined with hail and fierce winds brought down trees and power lines, ripped away roofs, dented vehicles and house siding, and triggered flash floods. Near Calabogie, ON, most property damage was caused by straight-line winds of 110 km/h.

24 1906: From Saint-Léon-le-Grand, QC, came word that a boy was killed and his 2 brothers knocked unconscious by a stroke of lightning near their home. They were picking raspberries and had taken shelter under an elm tree before the strike. On the backs of the boys who survived was an imprint of the branches and leaves of the tree.

25 2012: A powerful summer storm idled over Steinbach, MB, as its residents slept. The deluge turned streets, parking lots, and yards into rivers and small lakes after the storm dumped between 80 and 110 mm of rain, most of it in less than hour. Understandably, the city's sewer system was overwhelmed by the gully washer, resulting in major flooding at the city's pumping station and along major roads.

26 2006: Lightning from a line of thunderstorms hit Mountain Top House at Oorchester Penitentiary (NB), a two-storey house used by families visiting inmates. The structure lost its roof and part of an attic and received extensive smoke and water damage. One resident ignored the storm until the building's windows began to rattle.

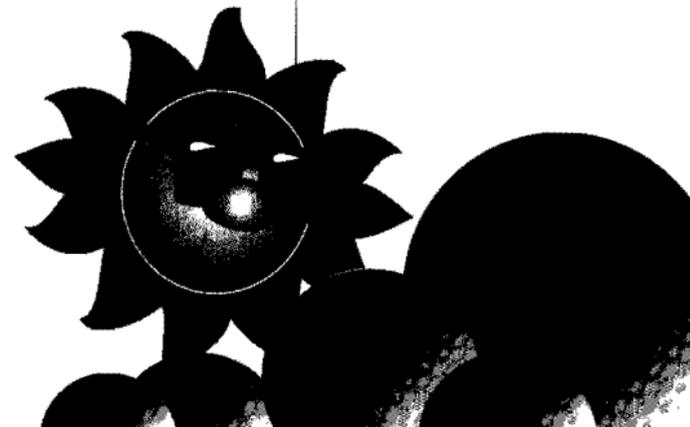
27 2012: Scorching dry weather prevailed across Nova Scotia making it the driest spring and summer in 65 years of records. Even clover and weeds were dying. At one site it was the driest March-to-July on record by at least 100 mm. On Cape Breton Island, NS, water levels reached historic lows at Margaree. Wells that had never gone dry were bone dry.

28 1975: Winds from Hurricane Blanche triggered widespread power failures in Nova Scotia. Strong winds up to 130 km/h tore roofs off buildings, damaged fishing boats, and flattened a slaughterhouse under construction near Truro, NS. A tragedy was averted when a drifting oil rig almost collided with a suspension bridge spanning Halifax harbour. Wind-whipped fire destroyed a herring smoking factory.

29 1920: A terrific but brief cyclone struck Alameda, SK. There was no loss of life, but several people were badly hurt. South of town, winds tore a schoolhouse to smithereens, scattering lumber for miles around. It also blew telephone lines a considerable distance across roads and fields.

30 1983: At Ontario's Normandale Fish Culture Station a bolt of lightning struck the hatchery, short-circuiting water pumps threatening 300,000 young rainbow trout with death by suffocation. More than a dozen Junior Rangers from a nearby camp rushed to the rescue. They sprayed the fish troughs with oxygenated water and stirred the pools. Their actions saved about 220,000 fingerlings.

31 1997: Swarms of voracious caterpillars threatened Nova Scotia's Christmas trees and blueberry crops in one of the worst infestations in 20 years. The mild winter and hot, dry summer was ideal for the caterpillar. In one life stage, the hairy insect sheds its fur. The tiny irritating hairs can cause skin rashes, often driving work crews from the forest with excessive itching and breathing problems.



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AUGUST 2014

Sunday

Monday

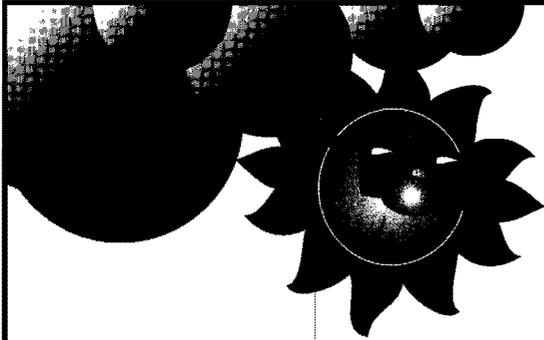
Tuesday

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Saturday



					<p>1998: Warm weather along Nova Scotia's eastern beaches attracted several sharks. According to the International Shark Attack File, sharks attack between 50 and 75 people every year, far fewer than the number attacked by elephants, bees, or crocodiles, or those who are hit by lightning. 1</p>	<p>1989: A vicious storm swept across Alberta from east Jasper to Calling Lake, leaving washed-out highways, flooded basements, downed power and telephone lines, and flattened crops. In Whitecourt, AB, where a record 150 mm of rain occurred, officials feared contamination of the town's water supply. Lightning was so intense and continuous that you could read a book outside. 2</p>
<p>1992: Thunderstorms featuring 10,000 m cloud tops swept through Calgary, AB. A 16-year-old was burned by lightning. His parents tried to drive him to the hospital but their car was unable to navigate the flooded streets. Several stalled vehicles had water up to their door handles. In Monarch, AB, fierce winds and pounding hail knocked birds out of trees. 3</p> <p>First Quarter ☾</p>	<p>1895: A terrible wind and rain storm struck near Bridgeport, NS, and raged through Clarence and Paradise, NS. The strong winds snapped large elms and other trees like pipe-stems. It tore up apple trees and hurled them great distances. It also leveled fences and stone walls. A piece of lumber 2 m long was driven a metre into the ground. At one farm, cows were buried under 6 tonnes of hay, but survived. 4</p> <p>Civic Day (Most Regions)</p>	<p>2011: Calgary, AB, residents faced flooded streets following a deluge of rain and golf-ball-sized hail from an unusually slow-moving thunderstorm. In a freak accident, a flood swept an elderly man to his death when he lost his footing and became lodged under his car and drowned. Passersby and neighbours waded into the knee-high water but he was too heavy, and the flow was too strong to allow for rescue. 5</p>	<p>Weather Quiz 6</p> <p>Which province has the most number of swimming pools?</p> <ol style="list-style-type: none"> 1) Ontario 2) Alberta 3) British Columbia 4) Quebec 5) Manitoba <p>(Answer on inside back cover)</p>	<p>2012: A second thunderstorm in less than a month hit Victoria and Vancouver, BC, causing sporadic power outages. Two people were struck by lightning. One person was hit tending to his backyard rabbit hutch. The charge travelled through his hand and into the ground; he had no physical marks, just aches. Another victim felt his heart racing, his left side tingling, and was left with a "helluva" headache. 7</p>	<p>1984: A woman from California drowned and 3 other persons were injured just west of Thunder Bay, ON, when "tornado-like" winds picked up a car on the Trans-Canada Highway and rolled it twice before throwing it into a water-filled ditch. In Schreiber, ON, severe thunderstorms forced a pilot to land his light airplane on Highway 17. 8</p>	<p>2004: A rare waterspout with its gyrating column of water and spray crossed right over the Confederation Bridge in Prince Edward Island. It stayed still for 30 minutes before it started to move again. Operators decided to close the bridge to allow it to cross. It was the first time a waterspout had passed over the bridge since the structure opened in 1997. 9</p>
<p>1907: One of the worst storms in Manitoba's history took an unusual east-to-west track from Thunder Bay, ON, to Brandon, MB. In Winnipeg, MB, lightning killed one person and stunned several others. Rain fell in torrents, with volleys of hail that beat down crops and gardens. Loud crushing hailstones killed many birds and continuous lightning spooked delivery horses causing numerous runaways. 10</p>	<p>2012: A violent wind/rain storm raked parts of Quebec, cutting power to 28,000 hydro customers. Blainville and L'Assomption, QC, received 70 to 80 mm of rain in 3 hours, leading to road washouts and sewer back-ups. Experts confirmed microburst winds of 120 km/h at Rosemère, QC. At the town's golf course, more than 300 trees—some a century old—were damaged. One fallen tree killed a lone teenage golfer. 11</p>	<p>2012: In a matter of 10 minutes in Calgary, AB, pounding hail dimpled vehicles and riddled house siding with millions of dents. At first light, broken glass from shattered windows and sun roofs littered new car lots across the city. A parks official said the storm left the worst tree and garden damage he'd ever seen. Hail also penetrated the thick shell of the Calgary Saddledome. 12</p>	<p>2012: Ten days ago an intense cyclone developed over eastern Siberia and strengthened rapidly north of Alaska. It reached near-hurricane speeds and at its peak, covered two-thirds of the Arctic Ocean. The storm brought warm winds, and in the end contributed to a very rapid loss of ice in the western Arctic. On 3 consecutive days, sea ice extent diminished by nearly 200,000 square km per day. 13</p>	<p>1982: French, a golden retriever, knew what was coming when black clouds started boiling over the skies of Prince Albert, SK. He began yelping at the door and went wild. The ensuing hailstorm smashed several windows in the farmhouse and drove glass into the walls. French's owner credited him with saving the family. By raising the alarm, the dog gave the family time to take shelter. 14</p>	<p>1988: A large black balloon-shaped cloud splintered fruit trees like matchwood near Owen Sound, ON. In one incident, tornadic winds tore a kitchen from a house, unroofed 2 barns, and blew down a windmill. In Marmora, ON, the wind lifted a woman 12 m into the air as she ran towards a woodshed. Close by, lightning struck a cow raising it 7 m into the air and dropping her dead to the ground. 15</p>	<p>1956: A mini-cyclone swept in from Northumberland Strait and for 5 minutes slashed a narrow swath of a New Brunswick beach. Several cottages were pushed off their foundations and lawn furniture was tossed about. The only casualty, except for one cottager's wounded wrist, was a cow hit by a flying verandah. A large piece of a home's roof smashed a corner of another house where 5 people lived. 16</p>

17
1904: An intense thunderstorm caused extensive lightning and hail damage across southern Ontario. At Port Perry, ON, a barn was burned, with all of the year's crop along with it. The same barn was struck a few weeks earlier but not damaged. Outside of Aurora, ON, unusually large hail pieces stripped garden vegetables of their foliage or pounded them into the ground.

18
1901: The steamer CPN Islander with 107 passengers coming out of the Yukon struck an iceberg going full speed in a fog and sank in 16 minutes near Douglas Island, BC. On deck, passengers could not see more than a few metres ahead. Water started cascading at such a rate that pumps couldn't handle it. Some passengers died from long exposure in the icy waters. In total 55 lives were lost and 113 saved.

19
1939: Before a thunderstorm broke over Winnipeg, MB, the city was hit by a sudden influx of fish flies, brought from afar by rising air currents. The insects soon became a nuisance as they swarmed brightly-lit windows. If Winnipeggers objected to their presence, thousands of migrating nighthawks welcomed the opportunity for an easy meal, gorging themselves in the process.

20
1917: A severe summer storm lashed Toronto, ON, with 78 km/h winds. Rain and hail blew horizontally. The winds lifted part of a grandstand roof at the baseball grounds. It terrified baseball spectators when winds twisted the steel flagpole like a huge jackknife, and the roof over one stand blew away. 100 spectators rushed on the diamond, choosing a drenching rather than trust the structure.

21
2011: A severe tornado crossed the Lake Huron shoreline at Goderich, ON. In less than 2 minutes, the tornado ripped through the picturesque community inflicting unbelievable damage, killing one person and injuring 40. Winds exceeded 250 km/h, making it the first confirmed F3 tornado in Ontario in 16 years. Buildings built 150 years ago lost roofs and upper floors. Insured damages surpassed \$100 million.

22
1863: Two car loads of sheep—75 sheep in total—belonging to several butchers in Saint John, NB, were brought in by train. Owing to the heavy rain at the time, railway officials kept the animals penned in the cars overnight. The next day only 6 sheep were alive, the remainder having suffocated.

23
2011: It was the second-driest June to August in Winnipeg, MB, in about 82 years. With 10 mm, July was the driest since record-keeping began in 1872. Foundations with minor cracks ended up shifting homes 5 cm or more once the soil shrivelled up. Front doors wouldn't close tightly anymore and drywall started to crack. Some homeowners resorted to watering basement walls.

Discovery Day (Yukon)

24
1927: Hurricane-force winds and an angry sea in NS dashed dozens of small yachts and fishing vessels to kindling wood. At Sydney, a warehouse was hurled 17 m. Apple crops suffered 25% losses. Provincial highways lay under 2 m of water.

25
1946: A vicious storm raged in southern Ontario. Suddenly, there was a crash, and a bright blue flash bore a hole through the electric clock on the oven top. The charge proceeded noisily to the basement, knocking out a couple of stove pipes on the way, leaving the cellar in a shamble of soot and ash. On the outside of the building, the top metre of the chimney was knocked off by a lightning bolt.

26
1999: Lack of rain meant that St. John's, NF, faced a serious water crisis. Water levels at Bay Bulls Big Pond had not been this low in 10 years. The water level had been dropping more than 25 mm per day due to hot weather and no rain. To add to the problem, the standing water in Petty Harbour was "boggy" and infected with algae. "It's terrible and disgusting," said one restaurant owner.

27
1962: A windstorm carved a 5-km wide path of destruction across southern and central Saskatchewan. Frightened residents described a tornado-like funnel. At a farm near Earl Grey, SK, the storm left several outbuildings scattered and in splinters. A chicken coop was blown away, but the next day some of its occupants returned. A steel windmill crumpled and 12 steel granaries were scattered as far as 2-km.

28
2011: The remains of Hurricane Irene moved slowly across the St. Lawrence River near Matane, QC. At one point, its rain shield extended over 800 km. Winds topped 113 km/h east of Quebec City and rainfall amounts approached 150 mm near Montmagny-L'Islet, QC. Fast-moving waters flooded basements and roads, and triggered landslides. The flood swallowed 2 cars on the Yamaska River, drowning one motorist.

29
1995: A tornado, lasting 2 minutes, wiped out several farms south of Moose Jaw, SK. Winds ripped grain bins from concrete foundations, crushed barns into tinder, bent a swather in two, and drove blades of straw into the flesh of hogs. So narrow was the storm's path that a farmer swathing a few miles away didn't know his farmyard had been destroyed until he arrived home.

30
1998: Members of Helio's Nudist Club near Tofield, AB, were enjoying the summer-long heat wave, and going 24 hours without clothes. The only downer was the mosquitoes. Besides sunscreen, the sun worshippers used gallons of bug repellent.

31
1958: A Toronto, ON, storm left fallen hydro lines and trees. Sewers overflowed and water was 45 cm deep on some streets. A woman complained that her duplex neighbour cut a hole in the wall to let water drain into her side.

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SEPTEMBER 2014

Sunday

Monday

Tuesday

Wednesday

Thursday

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Saturday

<p>1966: Cold sea water off the Scotian shelf knocked enough steam out of Hurricane Edouard to slow sustained winds below the hurricane threshold. Crowds of storm gawkers stood along Atlantic Canada's coastline to see and hear the crashing surf. The Emergency Measures Organization in Saint John, NB, cancelled a planned exercise on how to deal with severe weather because of the storm.</p>	<p>1</p>	<p>1907: At a farmhouse, 10 km northeast of Stettler, AB, a flash of lightning tore a door off its hinges. It then knocked 2 holes in the floor, and killed 4 cats crouching under a stove. The lightning shot within a metre of the farmer's wife, daughter, and a hired hand, before killing a dog outside the door. No one was hurt, though 2 people later complained of feeling numbed for a short while.</p>	<p>2</p>	<p>1931: Two men were killed, and 2 others injured after a tornado swept through Estevan, SK. One fatality occurred when a piece of flying timber fractured a man's skull. Another man was killed while pegging down a tent. The tumultuous gale sent a train's boxcars crashing into the round house at a coal company plant. The winds also ripped the roof off the grandstand at the exhibition grounds.</p>	<p>3</p>	<p>2012: The remnants of Hurricane Isaac made a slow passage across the lower Great Lakes and St. Lawrence River. Record rainfalls in Ontario occurred in Markham (87 mm), Richmond Hill (104 mm), Point Petre (98 mm), and in Quebec at Frelighsburg (100 mm). The morning deluge meant a soggy first day of school for students in southern Ontario. In Ottawa, a sinkhole swallowed a car on a city highway.</p>	<p>4</p>	<p>1985: Near Lindsay, ON, a twister hit a marina just north of town. A worker witnessed trees and fences disappear, and 10 boats in dry-dock spin past the side of his building. A business sign was smashed into splinters of wood, wire, and plaster. The twister also pulled standing hay straight up. A 900-kg trailer was thrown 9 m over a car, which hit trees before landing in a ditch beside a highway.</p>	<p>5</p>	<p>1876: The schooner <i>Gianmire</i> from Labrador, NL, bound for Boston, MA, ran into a nor'easter. Twice, the winds threw her back upon her beam-ends. At one point, the ship was only 35 km from port, but it ended up 250 km from land. The force of the storm tossed everything moveable into the sea, smashed the cabin skylight, and filled the cabin with water before the ship finally put into St. John's, NL.</p>	<p>6</p>
<p>1985: Near Big Rideau Lake, south of Ottawa, ON, a tornado struck a houseboat killing 1 and injuring 4 others. In their words: "The first flip was slow, but then it was like a midway ride as we flipped over and over until the boat disintegrated." Passengers clung in the water to one of the houseboat's pontoons, frightened and badly bruised. The twister also damaged several lakeside cottages.</p>	<p>7</p>	<p>1991: A man leaving work at Fort Annapolis, NS, was struck by lightning as he opened his car trunk. The electricity followed the key he was holding up his arm, down his side, his leg, and out his foot. Upon arriving 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>8</p>	<p>2012: After months of quiet, authorities in British Columbia began seeing numerous fires following the onset of hot, dry weather. A fire on the outskirts of Peachland destroyed 4 homes and forced the evacuation of 1,500 families and businesses. Massive clouds of thick smoke and ash blanketed 1/3 of the community. The blaze burned intensely, which was whipped down the mountain by strong westerly winds.</p>	<p>9</p>	<p>2012: Cases of West Nile virus in Canada reached their highest level since 2003 with 450 confirmed cases leading to 6 deaths. Contributing survival factors of infected mosquitoes and birds were a mild winter, and an unusually warm spring and summer—the perfect breeding weather for the <i>Culex tarsalis</i> mosquito. The weather was also ideal for people to spend time outside for longer periods.</p>	<p>10</p>	<p>1946: Heavy frost damaged flower and truck gardens across central New Brunswick for 3 consecutive nights. Squash, tomatoes, beans, cucumbers, and potatoes were excessively damaged. Frost also froze water in pails and shallow pools. The ice was so thick that it prevented chickens from breaking it. Heavy fog in the Fredericton and Marysville areas was effective in reducing frost damage.</p>	<p>11</p>	<p>12</p>	
<p>1998: Teams of windsurfers landed in England after travelling from St. John's, NL. They had been participants in a 3,000 km, 8-day race from North America to Europe, billed as the longest windsurfing race. Towering swells, winds up to 75 km/h, and a tight schedule had made life difficult for the 16 competitors, confining them—when not racing—to the Russian Icebreaker that had accompanied them.</p>	<p>14</p>	<p>2012: Arctic sea ice covered 3.41 million square km, making it the lowest pan-Arctic sea ice extent reached since satellite measurements began in 1979, and down by 18% from the previous low recorded in 2007. Further, the Arctic's once dominant perennial ice was being readily replaced by young, thin "rookie" ice. The southern limit of multi-year ice is now only 10° of latitude from the North Pole.</p>	<p>15</p>	<p>1927: A violent gale swept across Manitoba's Lake Winnipeg at Grand and Victoria beaches. Five-metre breaker waves crashed on shore, heavy rains washed out railway tracks in 12 places, and cottagers were stranded. The waves undermined several small docks, and a breakwater was submerged under a metre of water. A special train was dispatched to Grand Beach to start repair work on the inundated roadbed.</p>	<p>16</p>	<p>1879: Near Montreal, QC, the force of a hurricane raised a large freight shed and dropped it almost in the same place, but in shambles. Crashing timber and shouts of men frightened the horses away. One terrified tallow took refuge under a cart between a basket of potatoes and the wheel of a vehicle.</p>	<p>17</p>	<p>1935: A boy from Lachute, QC, was standing beside his home when he saw a raging tornado approaching. The storm lifted the roof and galleries of several large homes, uprooted trees, and caved-in barns. The boy immediately ran into his kitchen, but the storm blew down the ceiling around him. When the debris was cleared he got up, dazed but unharmed.</p>	<p>18</p>	<p>19</p>	
	<p>Labour Day</p>	<p>First Quarter ☾</p>				<p>Full Moon ☽</p>					

1934: Children at the Children's Aid Society in Sudbury, ON, escaped injury when a lightning bolt smashed the chimney and then continued into the cellar, where it demolished the laundry stove. The 50 child residents were lined up to go to supper. There was no panic due to the coolness of the matron. The only effect on the children was that several were seriously sick to their stomachs.

21

1925: After being 27 hours adrift in a canoe on Lake Ontario, a mother, her baby girl, and a 12-year-old girl were rescued. Strong northeasterly winds kept them from landing at Hamilton, ON, even though the city was in sight. The trio's survival of the heavy waves and wild weather shocked officials. They survived only because the woman had paddled constantly and kept the canoe righted.

22

Autumn Equinox 22:29 EDT

2011: A stalled Pacific frontal system walloped the BC coast for 3 days, accompanied by winds gusting up to 100 km/h in some areas, leading to flooding and power outages. In Vancouver, BC, heavy rains delayed final welds on several roof panels to the newly renovated BC Place stadium. It meant that the dome would not be leak-proof by opening day when the BC Lions were set to take the now soggy field.

23

2001: Alberta was in the midst of a heat wave as warm winds pushed north from the American desert. Seven provincial records were broken, including an unbelievable 35.7°C in Lethbridge, AB, smashing its record of 30.6°C. One dog groomer said "...some animals and pets may have already grown their winter fur—as soon as this warm weather comes in, they blow (shed) their coats."

24

New Moon ●

1922: The Bella Coola River in BC flooded its banks pouring up to 2 m of water and mud into the town and sweeping away local bridges. The unusually heavy rains caused a large landslide east of Ocean Falls, BC, that buried 5 company men. Of the victims, 4 were buried alive and 1 was swept into the sea and drowned. A home was pushed into the sea, where it was found floating with the couple still alive.

25

Rosh Hashanah

Weather Quiz
Where is the hottest spot on the planet?

26

- 1) Death Valley, CA
- 2) Sahara Desert
- 3) Tucson, AR
- 4) the Great Australian Desert
- 5) Luzon, Philippines

(Answer on inside back cover)

2012: With unseasonably warm temperatures, the first signs of winter were absent in Yellowknife, NT. There was no frost, no snow, only rain—48.2 mm, with almost all the accumulation on 3 days. Normally September brings frost, 2 days of snow, and over 3 cm of snow. People ate lunch outside. Tomatoes survived through the month leaving gardeners more time to harvest produce.

27

1980: A mini-tornado at Cape Traverse, PE, tipped a fishing boat moored in a backyard onto a barn. One gust of wind turned a 9,000-kg tanker onto its side, and a second gust returned it onto its 4 wheels.

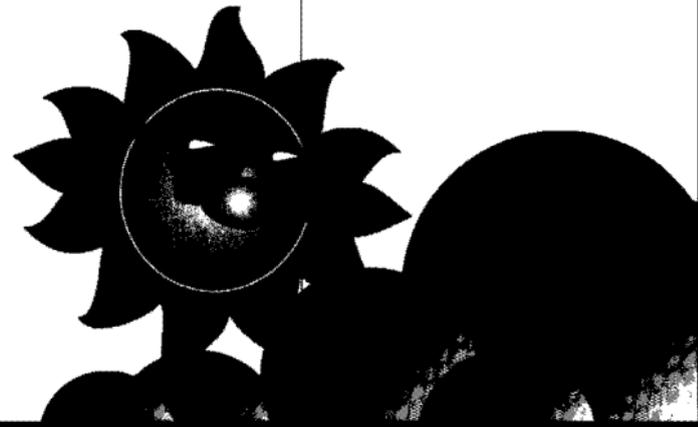
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1936: A sheep-hunting party including a man from Bolgari, Italy, ate horse meat for a week while trapped by a severe snowstorm north of Hudson Hope, BC. The group had gone without food for 3 days before a pack horse was shot. The guide improvised snowshoes from the hide of the horse, making it possible to travel over the drifted snow.

29

2012: Halifax, NS, set a record for the wettest month ever—an incredible 389.6 mm of rain—more than triple the average for September. Included in the total were 91.9 mm on the 10th (a one-day record for September). Despite the humongous total, half the days were dry. The previous wettest month was in August 1971 when 387.1 mm of rain fell thanks to Hurricane Beth.

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OCTOBER 2014

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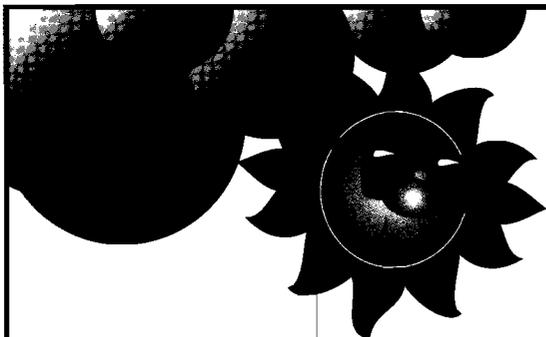
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First Quarter ☾

Full Moon ☽

(Answer on inside back cover)

1988: Stalled, abandoned cars trapped in waters more than a metre deep were a common sight in northern Nova Scotia after a record rainfall of 102 mm in 24 hours. Water reached the hoods of cars in a mall parking lot. A North River, NS, resident lost 40 cords of split wood, and floodwaters washed away soft road shoulders causing the asphalt to crack.

19

1905: It was a wild night of weather across Toronto, ON. Houses shook in the wind. One thunderclap exploded like a powder magazine and shook the whole town. One blinding flash of lightning shattered picture glass into fine pieces and scattered it everywhere. On the Great Lakes, the storm was said to be one of the fiercest on record—25 vessels were wrecked or severely damaged. Twelve sailors drowned.

20

2002: Strong winds blew a duck hunter's boat into a near-shore bog on a lake in St. John's, NF. Stepping out of the boat, the hunter sank up to his chest in mud. His emergency whistle went unheard in the wind and search beams had a hard time picking him out in the bad weather. He was eventually rescued and suffered little more than a sore throat, stiff muscles, and hurt pride.

21

1908: All main rail lines in the western Prairies were snowbound. In the vicinity of Medicine Hat, AB, and Maple Creek, SK, the snow was 3 to 5 m deep in some of the cuts. Snow plows struggled to clear the tracks. Such a terrible blizzard so early in the season was said to be a sign of a coming tough winter.

22

1963: The remains of Typhoon Lola generated high winds off the northern BC coast. The maximum wind speed of 130 km/h occurred at Cape St. James, BC. Hardest hit was Prince George, BC, where winds exceeded 112 km/h. The storm cut power off for several hours and damaged a number of private aircraft. Some telephone lines came down, interrupting service.

23

1933: As heavy rains swept across the Maritimes, the rising Big Salmon River, NB, swirled 7 loggers to their deaths on the final day of the log drive. The rising waters jumped 2 m in 90 minutes.

24

2012: A slow-moving cold front brought bands of showers and heavy thunderstorms to areas northeast of Lake Superior. Water from overflowing creeks washed away entire sections of the Trans-Canada Highway around Wawa, ON. It sent a motel crashing into a sink hole and forced states of emergency when submerged roads cut off communities. Damage estimates exceeded \$10 million.

25

New Moon

2011: A storm rapidly intensified across Newfoundland. While rain dominated eastern Newfoundland with as much as 81 mm at St. John's, high terrain sites saw wet snowfall whipped up by strong southeasterly winds above 100 km/h. Scores of communities were without power for 3 days. Work crews had to contend with multiple broken poles and conductors from the combined forces of ice, snow, and high winds.

26

2003: Winds of 100 km/h and 10-cm snows 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 down 2 concession tents.

27

2012: Between Calgary, AB, and Edmonton, AB, the visibility was poor due to blowing snow. Despite the weather, the RCMP clocked a woman from Innisfail, AB, driving 179 km/h along the main highway. The lead-footed motorist fled, but police used video footage to identify her and charged her with dangerous driving and flight from police.

28

2012: The once super-sized Hurricane Sandy became even bigger as a hybrid storm. At its worst in Canada, Sandy's wind gusts topped 100 km/h in Georgian Bay and in Sarnia, ON. Strong winds also generated waves up to 7 m at the south end of Lake Huron. Rainfall totaled 185 mm over 73 hours in Charlevoix, QC. The storm was implicated in 2 deaths; insurance losses from Sandy exceeded \$100 million.

29

1952: Some 500 km off Cape Race, NL, a trawler fleet headed shoreward after 2 days of savage gales and pounding seas. One trawler was left a floating derelict. When a lifeboat was lowered, waves smashed it, forcing the crew back to the ship that was taking on water. Fortunately, another trawler managed the rough seas and against the pitching of the fish-laden vessel to pluck the fishermen to safety.

30

2012: Around 3 pm, an F0 tornado came out of nowhere in Mont Laurier, QC. There was no thunderstorm in the area and nothing showed up on radar. But the damage revealed twisting tornadic winds. An old barn was demolished and a highway road sign blew over. There was also some damage to a house caused by a flying trampoline. Video evidence confirmed a weak tornado.

31

First Quarter

Halloween

Islamic New Year

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NOVEMBER 2014

Sunday

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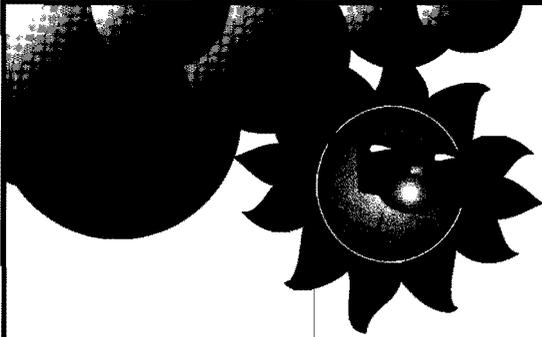
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						<p>1999: An Alberta clipper storm roared across Manitoba. It was Winnipeg's highest sustained wind speed for November at 87 km/h (previous record was 76 km/h) with gusts to 113 km/h. It was just 2 km/h below Winnipeg's all-time record set in July 1959. The wind knocked trucks on their side, flooded cottages, forced schools to close, and turned stop signs, scaffolding, and commercial signs into projectiles.</p> <p>All Saints' Day</p>
<p>2012: A suspected robber in 8 banks and 2 drugstores across the Prairies dubbed the "Old Man Winter Bandit" was finally apprehended in Winnipeg, MB, after a 3-year crime spree. Edmonton police came up with the nickname because of his senior age and robberies were committed during cold weather. There was a reward of up to \$10,000 for information leading to an arrest and successful conviction.</p>	<p>1951: After the royal couple Elizabeth and Prince Philip relaxed in Ste.-Agathe-des-Monts, QC, they drove to church on a blustery cold and snowy day. The Duke handled the big car easily, although he did make a slight skid in pulling the big plexiglass-topped convertible to the curb. The Princess squealed when the Duke tugged a low-hanging branch sending a blizzard of snow over both.</p>	<p>2011: The western Prairies were hit by winter's first snowy blast resulting in hundreds of cars without winter tires crashing. Thinking only of winter safety, Saskatoon, SK, police pulled over a van with a rear window covered in snow. They soon learned the driver had outstanding warrants and, with the help of a police canine unit, officers seized 8 ounces of the other "snow" and a small amount of marijuana.</p>	<p>1862: 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.</p>	<p>Weather Quiz What does the Scottish word smirr mean?</p> <ol style="list-style-type: none"> 1) acid rain 2) snow pellets 3) rain between drizzle and mist 4) precipitation wetting objects but not enough to raise an umbrella 5) snow that smears your windshield <p>(Answer on inside back cover)</p> <p>Full Moon ☉</p>	<p>2006: A "Pineapple Express" storm brought intense rain and record-breaking high temperatures to southwestern British Columbia. The storm was the remnant of Typhoon Cimaron, the strongest storm to hit the Philippines in 8 years. It was the first of 14 storms to hit BC during the next 6 weeks. Veteran forecasters said they've never seen anything like it in 25 years.</p>	<p>2012: A couple of powerful storms lingered across the West for 5 days. The first storm began as freezing rain in Edmonton, AB, but changed to heavy, near-record amounts of snow, wreaking havoc on roads and forcing schools to close. Thirty-minute commutes became 3-hour journeys. The storm dumped as much as 25 cm of snow in southern Alberta before moving into Saskatchewan leaving a slippery sheen on surfaces.</p>
<p>Daylight Saving Time ends</p> <p>1995: An Inuit hunter and his snowmobile fell through ice near Prince Albert Sound, NT. He crawled onto an ice floe and used his radio to call for help. Almost naked, and numb from the cold, he prayed aloud inside his tiny tent. Then he heard the rumble of turbo-prop engines. He stumbled outside, poured snowmobile gas into a bucket, and lit it. Searchers dropped rations a few metres from his tent.</p>	<p>1991: Strong wind gusts of 150 km/h drove heavy rains relentlessly across the north coast of BC. The winds blew over campers and ripped the hatches off some boats. In Terrace, BC, plugged storm drains led to urban flooding. Outside the city, heavy rains washed out forest service roads. Between Terrace and Kitimat November rains totaled 320 mm, nearly 2.5 times the average.</p>	<p>2012: An intense winter storm in northern Ontario helped pull warm Gulf of Mexico air into southern and central Ontario and into Quebec. Sunshine pumped up the heat to record levels in Toronto (19.7°C) and Ottawa (21.1°C). At least 10 sites in Ontario established records for the warmest Remembrance Day on record. Some places in western Quebec also got a nice dose of summer air with a record at 18.8°C.</p>	<p>1865: A rain storm caused several rivers in BC to break over their banks, destroying roads and sweeping away many bridges. Near 16-Mile House, a European visitor on horseback was crossing when the bridge planking began to heave and pitch. Burying big spurs in the animal's flanks, the horse made a few desperate plunges in reaching the landing, just in time to save its own life and that of its rider.</p>	<p>1823: A rare bolt of lightning struck a woman from Yamaska, QC. The charge tore out much of her hair and descended her right cheek and continued to the centre of her body. It reached her heels and penetrated the floor. She was in a state of shock for nearly 4 hours. The following day she safely delivered her first child.</p>	<p>1997: Metro Halifax's first snowfall (about 6 cm) caught a lot of motorists off guard. In Sackville, NB, RCMP commented "We're going nuts; we've got accidents all over the place." Tow-truck drivers had triple the usual number of calls for a snowy night in Halifax. But at Ski Martock the resort the owner was happy, saying "I've been in the business 21 years, and this is the second earliest opening ever."</p>	<p>1974: A freak blizzard blew across the Niagara Peninsula leaving the communities of Port Colborne and Fort Erie, ON, virtually paralyzed. Trucks and plows got stuck. Hospital staff in Fort Erie came to work on snowmobiles. Motorists abandoned hundreds of vehicles and began filling every motel room in the region. Snowfall totals ranged from 35 to 75 cm and winds gusted at 90 km/h.</p>

1989: In Richmond, QC, a man was killed when a series of tornadoes—part of the same storm system that killed 26 people on the US east coast—ripped into the province. Winds of more than 200 km/h blew the roof off a shopping mall at St-Hilaire, QC. Blustery winds shattered windows and knocked down trees, overturned cars and tossed away 100s of mail boxes. The air was filled with dust and pieces of roof tiles.

16

2011: Another wintry blast called an Alberta clipper struck the western Prairies. Traffic crawled along especially through Lumsden, SK, where a semi-trailer jackknifed. Most motorists skidded and spun to work and school. After walloping Saskatchewan with 10 to 15 cm of snow, the system struck equally hard in western Manitoba from Riding Mountain National Park into the southern Interlake region.

17

Remembrance Day
1908: A family of 4 was travelling over the ice by dog train on the Red River in Manitoba to open winter fishing quarters, when they all fell through a weak spot. The mother threw her little baby up on the solid ice when she went through herself. The infant was found shortly afterwards, safe and sound. Tragically, the others had been swept away.

18

2008: On a 12-km stretch of the Trans-Canada Highway near the Cobequid Pass, close to the Nova Scotia/New Brunswick boundary, more than 1,500 cars and trucks were stranded overnight. Winter's first storm brought a dump of wet snow that was left blowing around in strong winds. Sporadic power outages and treacherous driving were also reported in western Prince Edward Island.

19

1985: A windstorm reminiscent of the gale that sank the freighter Edmund Fitzgerald hit Sault Ste. Marie, ON, leaving the city and surrounding countryside without power. The storm also drove waters from Lake Superior and the St. Mary's River on land causing extensive flooding. Thousands of customers were left without power for varying periods of time.

20

Last Quarter ☾
1922: Sydney, NS, was recovering from the worst wind and freezing rain storm in history. The storm of heavy sticky snow loaded up telegraph, telephone, and power transmission lines to breaking capacity followed by a gale that broke the over-stressed wires. To add to the predicament, a great fire whipped by strong winds broke out and destroyed several buildings in Sydney.

21

2012: Cooler temperatures and winds with some precipitation finally ended a week-long bout of hazy smog in Montreal, QC. Pollution from vehicles, industry, and burning wood contributed to the soupy mix. At the same time the absence of any change in weather allowed the impurities to accumulate for days under a dome of high pressure and overlying winds too light to disperse the pollutants.

22

New Moon ●

2011: The Maritimes first winter wallop had 20 to 35 cm of snow. Nova Scotia students had their first snow day of the year. One tire shop had 50 cars lined up for winter tires by 9:30 am.

23

2012: With the official start of winter still a month away, Regina, SK, residents were worn out clearing away record snow and already more than what fell all last winter. Whereas city dwellers seemed exhausted, farm folk were exhilarated because the wet snow helped to ease low moisture levels from too many weeks of scanty precipitation. Further, a white Christmas seemed a sure bet.

24

2001: It was so mild in Montreal, 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 through parks in shirtsleeves and hanging Christmas lights.

25

1933: Winter swept across Ontario. When temperatures dropped suddenly by more than 12°C, highways and city streets were left under a dangerous glaze. In the north, a cold wind drove snow into drifts that blocked highways. At the other end of Ontario, orchards in Essex wore frosted branches snapped off by strong winds. On Lake St. Clair 2-m high waves damaged a few boat houses.

26

2011: A super-charged Chinook broke records for high temperatures, but even more pronounced were the powerfully, destructive winds in downtown Calgary, AB, where property damages exceeded \$200 million. On the 58th floor of one office tower, the wind velocity was clocked at 149 km/h. Officials warned residents to stay indoors away from falling glass and pieces of roofing membrane that rained down.

27

1850: One of the most violent storms locals could ever remember struck the Maritimes. In Northern Nova Scotia, snow fell to a depth of 1 m in 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

2008: Residents of St. John's, NL, were cleaning up after a major storm off the Grand Banks brought nearly 100 mm of rain, much of it in less than 3 hours, causing flooding, road washouts, and rock slides. Water came up through manholes and pooled on streets, closing several roads. The deluge overwhelmed the drainage facility at the city's premiere soccer pitch and shifted the artificial turf.

29

First Quarter ☽

2012: The Yukon was the coldest anywhere in the world. It was a non-record -45°C in Mayo, YK, (record was -46.7°C in 1930). Towing services tripled their businesses. A Whitehorse dance troupe cancelled a trip to Dawson City to perform *The Nutcracker*.

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11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31

DECEMBER 2014

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

1
1996: A brief, powerful wind squall raced across southern Ontario inflicting widespread damage. In Guelph, ON, the storm lifted the roof of a gymnasium up 6 m. Nearby, residents found a car standing on its front grill, spinning like a top. At Toronto Pearson Airport, 120 km/h winds rotated a parked Boeing 727 a quarter turn. In the city, winds tore balconies from apartment buildings.

2
Weather Quiz
Leaves in Eastern North America are changing their colours later than they did 20 years ago by:
1) 1 day
2) 4 days
3) 2 weeks
4) no change
5) 3 days sooner
(Answer on inside back cover)

3
1982: Temperatures soared to 22.5°C at Hamilton, ON, the warmest temperature ever recorded in Ontario in December. There were plenty of golfers out enjoying the fine weather. A man in nearby St. Catharines, ON, mowed his lawn.

4
2012 : It was a record-breaking warm day across parts of southern Ontario. Ottawa, ON, reached a new all-time record high for the entire month of December: 17.9°C. Brockville, ON, was the nation's hot spot at 19.5°C. The record warmth was enough to get people talking about the weather and away from news about the coming Royal baby.

5
1927: In southern Saskatchewan, a farmer was driving a horse-drawn sleigh with 30 little pigs following in its tracks. Suddenly, a blizzard struck. Temperatures dropped from 3°C to -34°C in a few hours. The farmer rounded up 12 pigs and put them in the sleigh box. The next day, he found the rest of the little pigs, frozen stiff. The sows eventually turned up, minus their ears and tails.

6
1992: The season's first snowstorm caused transportation headaches throughout Nova Scotia before inflicting similar disruptions in Newfoundland and Labrador. Halifax, NS, got 18 cm of snow. Across the highlands of Cape Breton Island, NS, the storm dumped 56 cm of snow, causing power outages in 1,800 homes. High winds and blowing snow also led to the cancellations of ferry sailings to P.E.I.

Full Moon ☉

7
1939: After 2 days of heavy rain, the Courtenay River in BC overflowed its banks. At Zeballos, BC, a 97 km/h gale and a tidal wave caused flooding and floated oil barrels, small sheds, and family woodpiles. Water rose knee-deep in so the police used rowboats to evacuate families. At the height of the gale, a train carrying workers between camps crashed through a weakened trestle near Port Alberni, BC.

8
1917: A blizzard with gale-force winds struck Toronto, ON, causing problems for horses. One "jockey" had to throw ashes under a horse's front feet before it was able to grip the pavement. Another horse attached to a coal wagon and blinded by snow stampeded over the sidewalk and halted within a foot of a huge glass window. Three horses were hitched to a limousine to extract the vehicle from a snowdrift.

9
1906: It was the most severe start to winter that farmers and ranchers in southern Alberta could remember. Temperatures dipped to -32°C at Lethbridge, AB. The sheep suffered so much from hunger that they began eating the wool off each other's back. They were bare and bleeding by morning, and if any died during the night, there would be no wool left on the up-turned side.

10
1997: Fourteen passengers aboard a commuter plane survived when it crashed at Little Grand Rapids, MB. Four people died. At the time of the crash there was a low ceiling, thick fog, near-zero visibility, and freezing rain. Local residents snowmobiled across Family Lake, carrying chainsaws and axes to assist the injured until they could be flown to Winnipeg, MB.

11
1943: A sudden change of wind saved the lives of those aboard the SS *Sarnian*, a 4,000-ton barley-laden freighter, on Lake Superior. The ship went aground during a heavy snowstorm. When the wind shifted suddenly, the freighter went hard aground, making the transfer of the crew to a big lifeboat and on to a U.S. Coast Guard cutter comparatively easy.

12
1924: Over a week 81 cm of snow whipped by powerful winds fell in Red Deer, AB. Vehicular traffic was at a standstill and pedestrians had to plow through snow to their waists. In the following days, temperatures plunged to -50°C—the coldest temperatures ever felt in Red Deer.

13
1917: At Chilliwack, BC, heavy rain froze turning surfaces into sheets of ice. Ice on trees and utility poles grew thickly as the day advanced and destruction got worse. Telephone lines carrying between 30 to 50 wires that led into the city fell first, downing long stretches of poles. Ornamental trees and mature fruit trees also suffered. In some cases, a third of the trees were destroyed.

14
1998: Morden, MB, was Canada's hot spot at 12.8°C. At Winnipeg's Assiniboine Park Zoo, tropical animals were frolicking outdoors instead of hiding indoors. Even bears delayed their winter sleeps to enjoy the weather. The ice carvers considered setting up fans to cool the 3-m-high Santa, elephant, and lion sculptures but feared that the motors would heat the pavement and do further damage.

15
1964: A savage blizzard lashed the western prairies bringing with it death, discomfort, and hardship. Frostbite was a common complaint as winds up to 90 km/h whipped up light snowfall in temperatures below -35°C. With wind chill below -56° (temperatures of -35° and winds of 48 km/h), firemen in Edmonton, AB, fought a difficult fire near the University of Alberta campus.

16
1901: The most disastrous floods in years occurred in eastern Quebec. At St. Hyacinthe, QC, people in the lower part of town had to leave their houses via boats when the Yamaska River flooded the town of Richmond, QC. The cold weather caused water to freeze around the basements of most houses. Water destroyed winter provisions and extinguished furnaces.

17
1947: Two little boys wanted to get their school teacher in Hepworth, ON, a Christmas tree. Despite warnings from their mother that a storm was coming, the boys wandered aimlessly in the darkness as the blizzard raged. Later the next night searchers found their frozen bodies side-by-side, waist-deep in snow in a marsh 5 km from the village on the coldest night of the winter, -20°C.

18
1870: A man started for Winnipeg, AB, with a load of hay. Towards night a frightful snowstorm arose, accompanied by severe cold. When he couldn't go any further, he climbed up and buried himself in the hay. Not warm enough, he drew a circle in the snow and walked around it the whole night until daylight showed him a house not far off. His face, ears, fingers, and front of his thighs were frost-bitten.

19
2012: Chunks of ice began falling from the new, multi-billion-dollar Port Mann Bridge that spans the Fraser River in Vancouver following a storm with high winds and heavy wet snow. The falling "slush bombs" injured 2 people and dented dozens of car hoods and smashed through windshields. The wet snow and ice bonded to the cold cables and when the cables started vibrating the ice dropped on the vehicles.

20
1996: The ferry John Hamilton Gray, leaving Borden, PE, with 136 people and 53 vehicles aboard spent 2 nights stuck on a sandbar in the Northumberland Strait. The ferry became grounded after the crew lost control in winds up to 100 km/h. After 2 failed attempts, the ferry and its passengers were re-floated on 2 days later with the help of 2 tugboats and a coast guard ship.

2012: Winter's first storm brought 38 cm of snow to Sault Ste. Marie, ON, 36 cm to Sudbury, ON, and 44 cm to Ottawa, ON. The storm's greatest impact occurred north of Montreal, QC, in the Laurentians and Lanaudiere where 120,000 people lost electricity. Ski lovers had something to look forward in a popular ski region north of Quebec City, QC, where 63 cm of snow fell in 24 hours.

21

Winter Solstice
18: 03 EST

New Moon 

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

22

1910: A storm packing the wind violence of a hurricane, blinding snow, and biting cold struck the Baie of Islands, NL. Several boats, carrying a total of 100 herring fishermen, were caught in the storm. They tossed herring nets and fishing gear overboard. Fortunately, the nearby fishing schooner *Constellation* averted a terrible loss by rescuing the fishermen from their boats. Only 2 men perished.

23

1913: Snow came just in time to save Montreal, QC, from a green Christmas. More than 42 cm of snow fell over 2 days, interfering with street and pedestrian traffic. Tramway sweepers didn't start clearing tracks until late at night, greatly inconveniencing the theatre crowds going home. The storm created employment for many—2,315 sweepers and 461 drivers removing snow in Montreal for 3 days.

24

Last Day of Hanukkah
Christmas Eve

2011: Thousands of people on Vancouver Island and in BC's Fraser Valley spent part of their Christmas Day without power, thanks to a windstorm that brought down high voltage wires. Uncertain as to how long the outage would last, several residents turned on propane tanks to fire up barbecues for Christmas dinner. High winds ripped the roof off a barn in Langley, BC.

25

Christmas

2004: Climbers at Kluane National Park (YT) found a hypothermic adult moose that had fallen through thin ice at -26°C. They lifted him from the water, put warm water down his throat, and covered him with a tarp, leaving protective snow and a fire nearby. The next day, he was 100 m away eating willows. He put his nose on one rescuer's hand, as if to say thanks. [From Dave Rogers, *Ottawa Citizen*]

26

Boxing Day

2012: The day following a record one-day snowfall of 45.6 cm in Montreal, QC, snow-banks towered as motorists used shovels to try to find their cars. Snow removal cost \$25 million. Incredibly, the record snowfall occurred less than a week after a local radio station promotion of guessing Montreal's first 45 cm snowfall ended. The winner if the snowfall fell before December 21 would have won \$1 million.

27

2012: What a depressing spell of weather covered over Vancouver, BC! Only 12 hours over 3 weeks were mainly clear—and just 5 of those hours occurred during the day. There was only one dry day in the first 28 days of December. At Whistler Blackcomb, the snow base was 340 cm deep—just 40 cm less than the record set in 1993-94.

28

First Quarter 

1946: A resident of Thunder Bay, ON, drove his car and 2 passengers across ice-covered Dog Lake. The driver felt the ice sag at 13 km from the cabin. He ordered the younger men out. Seconds later the car dropped through the ice. Luckily, an open door enabled him to scramble out and onto the ice. The trio walked to the cabin, leaving his car and \$200 worth of rifles at the bottom of the lake.

29

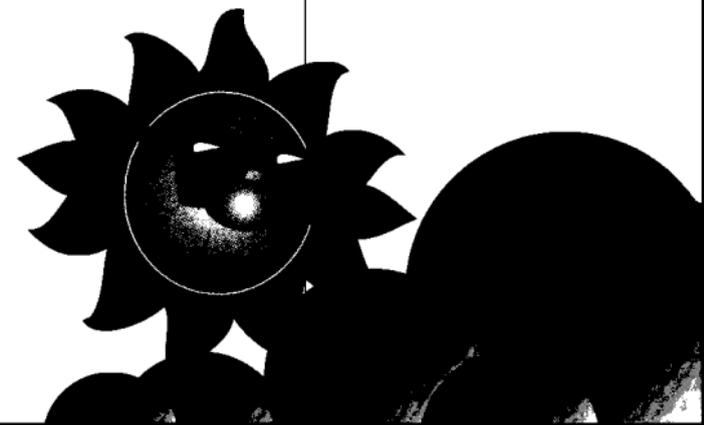
1954: A freak lightning flash killed 2 registered Holstein cattle south of Picton, ON. Eleven other cows were badly burned. The lightning burned all the straw from under the animals, destroyed the milking machine. The barn's windows were blown out by the blast. The farmer suspected that lightning struck 2 lightning rods at each end of the barn, and the flashes met in the interior.

30

2012: Clean-up continued across Nova Scotia, Newfoundland, and Labrador following a wicked wind, snow, and rain storm that cut power to thousands and disrupted flights, ferries and highway traffic. The intense nor'easter brought nearly 40 cm of snow to parts of the region. A storm surge of heights almost 1 m resulted in minor flooding along the Atlantic coastline.

31

New Year's Eve



WEATHER QUIZ ANSWERS

- January: 1) Wet and heavy
- February: 1) Alberta
- March: 3) herbies
- April: 1) April
- May: 2) storms
- June: 4) sinking of the ocean liner *Titanic*
- July: 3) Saskatchewan
- August: 4) Quebec
- September: 1) Death Valley, CA
- October: 1) the East Coast
- November: 4) precipitation wetting objects but not enough to raise an umbrella
- December: 2) 4 days