

DECEMBER

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

January

FEBRUARY

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	<p>1885 Regina recorded its lowest temperature ever: -50°. On this date in 1974, the city also reported its highest sea-level air pressure: 106.40 kPa.</p> <p>1</p> <p>New Year's Day</p>	<p>1993 A slight thaw, followed by plummeting sub-zero temperatures, turned Nova Scotia roads and sidewalks into sheets of ice, making travel dangerous and resulting in 3 deaths.</p> <p>2</p>	<p>1993 The third major snowfall of the season paralysed British Columbia's Lower Mainland. Vancouver Airport was forced to close, which meant the hockey game between the Canucks and the Tampa Bay Lightning had to be cancelled.</p> <p>3</p>	<p>1994 Some residents of Happy Valley and Goose Bay, NF, suffered a serious water shortage after leaving their water running to prevent pipes from freezing in -30° temperatures.</p> <p>4</p>	<p>1994 Strong westerly winds and blizzard conditions on the west coast of Newfoundland created problems for travellers. A passenger ferry that left North Sydney, NS, took 40 hours to reach Channel-Port aux Basques, NF—a crossing that normally takes 6 hours.</p> <p>5</p> <p>Full Moon</p>	<p>1956 A major sleet storm downed power lines in western Prince Edward Island. More than 2,800 utility poles fell, and some areas had to wait 6 months before power was restored.</p> <p>6</p>
<p>1994 This was the start of an 8-day deep freeze in the Yukon. Minimum temperatures at Dawson dipped to -50.3°. Piston-engine aircraft were unable to service the city, and road travel was not recommended due to the extreme wind chill.</p> <p>7</p>	<p>1989 The sudden arrival of warm weather, along with heavy rain and high winds, caused the ice to break up on Lake Simcoe near Barrie, ON. Hundreds of people ice-fishing were caught by surprise, and 14 had to be rescued by helicopter.</p> <p>8</p>	<p>1992 Planners of a special 17-day fête des neiges, held the year of Montréal's 350th birthday bash, breathed a collective sigh of relief when the city received a 12-cm snowfall.</p> <p>9</p>	<p>1987 While Easterners were digging out of yet another snowstorm, Calgarians were mowing their lawns, riding their bikes, and sunning themselves in outdoor cafés. The temperature soared to 17°, about 2° higher than at Las Vegas. Skiers were lamenting the July-like weather.</p> <p>10</p>	<p><i>Weather Quiz</i> <i>Niphaeplepsia is what form of weather malady?</i> (a) snowblindness (b) frostbite (c) thunderstruck (d) weather migraine (e) prickly heat (See inside front cover for answer.)</p> <p>11</p>	<p>1984 A local snow squall created a massive 200-car pileup on the Queen Elizabeth Highway near Burlington, ON, injuring 89 people.</p> <p>12</p>	<p>1918 During a brutal snowstorm, strong winds hit southwestern Ontario, fanning a huge fire in the town of Listowel. A number of trains were stranded throughout the region in 5-m snowdrifts and temperatures cold enough to freeze the wheels to the tracks.</p> <p>13</p> <p>Last Quarter</p>
<p>1671 Québec City received the season's first snowfall, marking what was probably its shortest winter ever. By mid-March, spring had settled in. The absence of cold weather caused food spoilage, resulting in considerable hardship.</p> <p>14</p>	<p>1753 A Hudson's Bay explorer, stationed at York Factory, would often fill a hogshead with water from the river when he got up in the morning, then leave it on the ice to see how long it took to freeze. On this day, his journal indicates the hogshead was solid by 10 AM.</p> <p>15</p>	<p>1982 A week-long cold spell that had taken the lives of more than 260 people in the United States, continued to hold Ontario in its icy grip. A snowstorm near London, ON, left 2 candidates for the Ontario NDP leadership campaign temporarily stranded after their car's accelerator pedal froze.</p> <p>16</p>	<p>1974 Canada's greatest 1-day snowfall, 118.1 cm was recorded at Lakelse Lake, BC.</p> <p>17</p>	<p>1982 High winds cut power to the electrically heated houses of Labrador City, causing water pipes to freeze, and forcing more than 2,000 people from their homes. The Newfoundland government declared the city a disaster area.</p> <p>18</p>	<p>1994 Between 31 December 1993 and 19 January 1994, Yellowknife endured a record 20 consecutive days when the minimum temperature was less than or equal to -37°.</p> <p>19</p>	<p>1935 In Vancouver, temperatures dipped to -15.6° and snowfall exceeded 40 cm. A quick thaw, followed by 267 mm of rain over the next 4 days, caused extensive roof damage across the city including the collapse of the Forum. Vancouver's main hockey and curling rink.</p> <p>20</p> <p>New Moon</p>

<p>1989 A Maritime storm, accompanied by high winds, dumped as much as 30 cm of snow on the region, disrupting transportation and power. Several residents of Bayside, NS, along with Lands and Forests Department officers, braved the snow and wind to rescue a 295-kg moose from a bog.</p>	<p>1995 Warm southerly air wafled across the Yukon and western Arctic, pushing temperatures 15° to 25° above normal, just when the Ford Motor Company arrived in Yellowknife for cold-weather testing of vehicles. They were looking for -30° mornings, but instead temperatures hovered around -10°.</p>	<p>1987 Along Québec's North Shore, fierce 130 km/h winds whipped more than 30 cm of snow into huge drifts. At Baie-Comeau and Sept-Îles, the storm blew down signs and TV antennas, damaged a hospital, and overturned a transport truck.</p>	<p>1958 An unusual Arctic mild spell occurred, with temperatures of 0.0° at Alert, -1.1° at Eureka, -3.9° at Isachsen, and -5.0° at Resolute. These were higher than any temperatures ever reported in the high Arctic from November to April.</p>	<p>1875 The RCMP's commanding officer at Swan River, MB, requested a supply of reliable thermometers for the barrack rooms, reasoning that "When the men go to bed I think they should know if it is cold enough to freeze their ears if left exposed, as was the case with Sub-Constable McCrum."</p>	<p>1994 How cold was it? It was so cold that steam fog rising from Halifax Harbour turned the bridges linking Halifax-Dartmouth to ice, causing havoc to commuters. Halifax International Airport set a new all-time record-low minimum temperature of -28.5°.</p>	<p>1995 Southern Ontario finally saw the sun after 17 consecutive days of cloud. It turned out to be the cloudiest January in Toronto since 1949. Warton recorded only 30 hours of sunshine—the lowest number in its 23-year history.</p>
<p>1870 The ship <i>City of Boston</i> sailed from Halifax and disappeared during a storm with 191 passengers aboard.</p>	<p>1985 Western Canada was in the midst of a cold snap. In a 24-hour period, 21 watermains broke in Edmonton. In Regina, letter-carriers were given the option of discontinuing their walks as wind chills reached -65° or 2650 W/m².</p>	<p>1867 At Fort Chimo, PQ, a Hudson's Bay Company factor recorded: "The river frozen over at last and well it might with the thermometer 42°F below zero this morning. Men hauling home fire wood and all got frost bitten."</p>	<p>1987 A fierce winter storm buried the Maritimes under up to 67 cm of snow. The storm cut all transportation links to Prince Edward Island. Moncton was the hardest hit, and the emergency was aggravated when the city's snow-clearing crews reported in sick.</p>			<p>First Quarter</p>

JANUARY

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

February

MARCH

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				<p>1992 In the midst of the worst blizzard in decades to hit the Maritimes, fire ripped through 5 businesses in Charlottetown's downtown core, leaving almost an entire city block in ruins. Charlottetown Airport received a record for this day of 38 cm of snow. Winds gusted to 111 km/h.</p> <p style="text-align: right;">1</p>	<p>1916 Victoria's greatest 1-day snowfall totalled 53.3 cm. Snowdrifts exceeded 175 cm along the coast of Vancouver Island up to Nanaimo. Cars and stalled transit vehicles clogged the streets, and the fire department had to resort to horse-drawn wagons.</p> <p style="text-align: right;">2</p>	<p>1947 Snag, YT, had the lowest temperature ever recorded in Canada, -63°. The freezing of one's breath produced hissing, and dental fillings popped out. A layer of fog hovered above the dog teams.</p> <p style="text-align: right;">3</p>
					<p>Groundhog Day</p>	
<p>1916 The centre block of the Parliament buildings was an ice-encrusted ruin after being destroyed by fire during the night. Firefighters' coats were frozen stiff, and soldiers' uniforms were white with frozen spray as they fought the blaze in -13° temperatures and brisk winds.</p> <p style="text-align: right;">4</p>	<p>1792 A Hudson's Bay Company factor at York Factory wrote in his journal: "They [Indians] also inform me that the winter set in so early upwards that many swans and other waterfowl were froze in the lakes and they found many of the former not fledged, likewise they say that the snow is remarkable deep."</p> <p style="text-align: right;">5</p>	<p>1978 Regina's 4-day blizzard was underway with blowing snow and 100 km/h gusts. By the 9th, snowdrifts reached the rooftops and many livestock perished. Though the city was snowbound, there was only a trace of snowfall at the airport.</p> <p style="text-align: right;">6</p>	<p>1987 Mild 16° temperatures and dry weather contributed to a huge range fire that killed cattle and destroyed 1,600 ha of grassland south of Calgary.</p> <p style="text-align: right;">7</p>	<p>1947 Southern Saskatchewan was reeling from a series of blizzards that began on 30 January and continued to this day. For 10 days, all highways into Regina were blocked. Railway officials declared conditions the worst in Canadian rail history. One train lay buried in a snowdrift 1 km long and 8 m deep.</p> <p style="text-align: right;">8</p>	<p>1934 It was bitterly cold in southern Ontario and for only the second time in recorded history, Lake Ontario froze over completely. The first was in February 1875. Even in severe winters, Lake Ontario is normally less than one-quarter ice covered.</p> <p style="text-align: right;">9</p>	<p>1987 Rick Hansen's "Man in Motion" tour was travelling 100 km a day across Saskatchewan. Rather than the frigid landscape typical of winter here, the tour was met by sunny skies, above-zero temperatures, and no wind. Snowless fields, grazing cattle, and T-shirted spectators were typical sights on the Prairies in the El Niño winter of 1987.</p> <p style="text-align: right;">10</p>
<p>Full Moon</p>						
<p>1851 The brig <i>Science</i> of St. John's, NF, went down off Sable Island with its cargo of molasses.</p> <p style="text-align: right;">11</p>	<p>1993 In southern Québec, ice fog made roads slippery and reduced visibility to zero, causing a number of car accidents and 1 death.</p> <p style="text-align: right;">12</p>	<p>1993 An ice jam formed on the St. Lawrence River, 40 km east of Montréal, causing water levels to rise 3 to 4 m above normal from near Sorel to Montréal. Five icebreakers worked to clear the jam, which was quite severe as the ice was piled up from the bottom.</p> <p style="text-align: right;">13</p>	<p>1982 The world's largest offshore oil rig, <i>Ocean Ranger</i>, sank off the coast of Newfoundland, resulting in 84 deaths and at a cost of \$60 M. Maximum wind speed was estimated at 145 km/h and highest waves at 21 m.</p> <p style="text-align: right;">14</p>	<p>1995 Up to 30 cm of snow fell on Victoria and Vancouver on the 13th and 14th. On Vancouver Island, strong winds downed several trees and thousands of homes were without electricity. In Victoria, the storm was responsible for 4 deaths and a record number of broken bones. Traffic was snarled for hours in Vancouver, ruining Valentine's Day plans for many commuters. Part of the problem was the length of time it took to convert city trucks from salting to ploughing.</p> <p style="text-align: right;">15</p>	<p>1988 A blizzard brought 20 cm of snow to Iqaluit, NT, on the 14th and 15th. Winds gusting to over 100 km/h had caused enormous drifting by the 16th. "I knew I was in trouble," one resident said, "when I saw my neighbour walk past my second-storey window."</p> <p style="text-align: right;">16</p>	<p>1993 The second storm in less than a week pounded the Maritimes with heavy rain, snow, and hurricane-force winds. Halifax International Airport set a new 24-hour precipitation record of 74.1 mm for the month of February. Winds gusting to 135 km/h toppled fuel storage tanks in Chéticamp, NS, spilling 70,000 L of gasoline into a safety dyke.</p> <p style="text-align: right;">17</p>
	<p>Last Quarter</p>		<p>Valentine's Day</p>			

1986
Chinooks continued to hamper the Winter Olympics after they opened at Calgary on the 13th. On 13 and 18 February, wind speeds exceeded 200 km/h at the 2,200-m level of Mount Allan. On the 21st, at Canada Olympic Park, winds in excess of 100 km/h whipped dust, sand, and tiny pebbles from nearby hills onto the ski-jumping course and bobsled run, forcing cancellation of these events for the day.

18

New Moon

Weather Quiz
What weather phenomenon kills more people in the developed world than any other natural phenomenon?
(a) lightning
(b) drought
(c) hurricanes
(d) tornadoes
(e) floods
(See inside front cover for answer.)

19

Family Day - Alberta

1843
A sudden storm overtook Prince Edward Island's ice boats during their regular crossing between "the Capes." Passengers and crew spent the night huddled under their boats on the ice.

20

1987
Unseasonably warm temperatures prevailed across Vancouver Island and the southern British Columbia mainland for most of February. Anxious commercial flower growers resorted to spraying growth retardants on daffodils to delay blooming until Easter.

21

1982
A series of severe winter storms crippled Prince Edward Island and the Madeleine Islands, PQ, from the 22nd to the 26th. Winds reaching 80 km/hr whipped the 60 cm of snow into 7-m drifts, leaving residents marooned and transportation links with the mainland severed.

22

1990
The worst fire in Canadian history began burning at Hagersville, ON, on the 12th, involving 14 million litres on a 3.6-ha site. Heavy rains hampered fire fighting on the ground, and poor visibility kept water bombers, loaded with fire retardant, grounded. Freezing temperatures followed, further hindering firefighters' efforts.

23

1868
In southwestern Ontario, a severe 2-day snowstorm ended, leaving drifts up to 4 m deep. Of particular interest to residents was that the snow contained a high concentration of black particles, thought to be volcanic in origin.

24

1905
In Donaldston, PE, a farmer had to dig a 20-m tunnel to reach livestock trapped in the barn by heavy snowfall.

25

1958
Thousands of Manitoba residents between Winnipeg and the United States border were thrust into darkness after one of the region's biggest power blackouts. Many customers were without utilities for more than 8 hours when freezing rain, icing, and strong winds toppled transmission lines.

26

First Quarter

1992
Abnormally warm temperatures (some 20° above normal) brought about a very early breakup of the Peace River during the evening. The resulting ice jams caused serious flooding in the town of Peace River, AB. A state of emergency and an evacuation were declared on the 28th.

27

1952
A United States Air Force C-47 was forced to crash land in Sydney, NS, after 40 kg of ice built up behind each propeller during a flight through a wild blizzard in zero visibility. All 22 passengers and crew parachuted to safety.

28

1989
British Columbia fish farms suffered an estimated \$4 M damage; the result of cold Arctic outbreaks during the month. The coast experienced temperatures of -10° to -15°, and the mainland inlets reported winds in the range of 90 to 190 km/h.

29

FEBRUARY

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

March

APRIL

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1777 After a mild winter, a 4-day blizzard struck Prince of Wales's Fort (Churchill). Samuel Hearne wrote to a friend: "The snow was higher than the house, consequently all the windows of the upper storey as well as lower storey were entirely blocked up ... The depth of drift in the yard is about 22 feet."	1965 Lucien Rivard, convicted drug smuggler, escaped from a Montréal jail after obtaining a garden hose, supposedly to flood the penitentiary skating rink. The weather was cloudy, with light winds from the southeast, and temperatures 5° above freezing. It seems Rivard used the hose to scale the wall.
1868 The <i>Sarnia Observer</i> reported on a fire that destroyed the Barnum & Van Amburgh's museum and menagerie. Strong northwesterly winds spread the flames rapidly. Some of the museum's animals were rescued, others, like the giraffe that tumbled down near the doorway, and a tiger that exited from a basement window and was shot by police, were not so lucky.	1991 Exactly 20 years to the day of Montréal's "Storm of the Century," southern Québec was hit with 15 to 25 cm of snow, ice pellets, and freezing precipitation. For the first time in 10 years, Québec City's public transport system was brought to a halt.	1910 An avalanche in Rogers Pass, BC, killed 62 railway workers who had been using picks and shovels to clear snow from an earlier slide across the CPR main line. As a result, the CPR authorized the drilling of the 8-km Connaught Tunnel straight through the granite core of the mountain to avoid the pass altogether.	1987 For the second day in a row, training runs for the women's World Cup downhill event were called off at Mount Allan. A chinook bringing 12° temperatures and high winds melted much of the snow base, leaving slush and water in the finish area. Though conditions improved for the race on the 8th, journalists dubbed the course "Mount Mushmore."	1942 The S.S. <i>Independence Hall</i> , with tins of sodium as cargo, grounded on Sable Island, NS. Within hours, massive ocean waves broke the ship in two, sending 9 men overboard. Two years later, as gales continuously uncovered the tins, they would rise to the surface and wash ashore. Curious beachcombers were often injured after accidentally causing the tins to explode.	1988 A fierce storm with snow, rain, freezing rain, and wind speeds exceeding 100 km/h struck the Atlantic provinces. Gander's 2-day snowfall of 63 cm forced the closing of schools, businesses, and highways. High seas sank a 21-m fishing boat just east of Sable Island. All 5 aboard perished.	1970 The first Arctic Winter Games were held under normal weather conditions at Yellowknife from the 9th to the 14th. Afternoon and nighttime temperatures averaged -10° and -20°, respectively. Snow on the ground amounted to 33 cm.
		Full Moon				
1989 Soon after takeoff from the Dryden Airport, an Air Ontario jet, with snow- and ice-encrusted wings, crashed in dense bush. Of the 69 people aboard, 24 died. Rescuers had to plough through 1 m of snow to reach the survivors.	1905 An express train reached St. John's after taking 5 weeks to make the round trip to Channel-Port aux Basques. At times, snowdrifts covered the train and were piled higher than the telegraph poles. Workers managed to keep railway snowploughs operating by tearing up railway ties and using them for fuel.	1857 A train approaching the swing bridge over the Desjardins's Canal, connecting Burlington Bay to Dundas, ON, accidentally left the track. Its wheels quickly chewed through the wooden beams, sending the train 12 m below into the ice-covered canal. Of the 93 passengers, only 12 survived.	1993 The "Storm of the Century" paralysed the eastern United States and Canada. In Canada, the hardest hit areas were eastern Ontario, southern Québec, and the Maritimes, where hurricane-force winds caused blizzard conditions. The wind at Grand-Étang, Cape Breton Island, reached 211 km/h. In Nova Scotia, wind-driven snow followed by heavy rains caused extensive flooding, power outages, flight delays, and cancellations of ferry crossings.	1986 Freezing rain and rain whipped across the Maritimes on 14 and 15 March. At one point, almost half of Halifax was without power. Firefighters and police were kept busy responding to malfunctioning fire alarms and motor vehicle accidents.	1973 Across southern Ontario the temperature rose to 21°, but fell rapidly as a storm brought 38 cm of snow, accompanied by 130 km/h winds. Flood waters inundated shore properties along Lake St. Clair. Several storm-related traffic fatalities occurred.	1936 Two days of high temperatures and heavy rains caused an unusually early spring breakup, ice jams, and flooding in most parts of New Brunswick. An ice jam downstream caused the Saint John River to rise 8.9 m above normal at Fredericton. At the height of the flood, ice entered downtown Fredericton and took out the railway bridge.
MARCH		Last Quarter		Breeze		

1984

An ice storm left a dozen rural communities, between Charlottetown and Summerside, without electrical power for as long as 5 days. About 100 ice-coated utility poles toppled or were knocked down by falling trees.

17

St. Patrick's Day

1991

Three fishermen died when a Canadian Coast Guard vessel rammed into their trawler in rain and thick fog 20 km off Port Dover on Lake Erie.

18

1993

Between the 19th and the 21st, a series of storms hit the British Columbia coast, north of Vancouver Island. Winds of 90 km/h generated from the first storm contributed to the capsizing of an 11-m fishing boat near Calvert Island. One of the 3 crew members aboard died.

19

New Moon

1983

Iqaluit, NT, established a record low for this day when the temperature plummeted to -40.2°.

20

Spring Equinox 03:03 EST

1993

A storm over Frobisher Bay trapped 7 students and a teacher from Iqaluit, NT, over the weekend. Erratic winds hampered rescue planes and blew snowmobiles and sleds around. All were found unharmed.

21

1985

A snowstorm that caused extremely poor driving conditions was responsible for at least 1 death and the closure of the Trans-Canada Highway between Swift Current and Maple Creek, SK, for about 6 hours. The storm forced Steve Fonyo to take the day off from his run across Canada in aid of cancer research.

22

1961

The United Nations World Meteorological Organization in Geneva, Switzerland, designated this date each year to promote the science and service of meteorology.

23

World Meteorology Day

1876

Following a severe snowstorm in Hamilton, the *Spectator* reported: "One of the most unpleasant storms of the season commenced this morning and lasted all day. The consequence is that our local columns are rather uninteresting today, and any amount of kicking would not induce our reporter to go outside and hunt for items."

24

31

1974 One of the greatest depths of accumulated snow anywhere in Canada was the 483 cm on the ground at Whistler Roundhouse, BC—a pack deep enough to bury a 1-storey building.

1904

A fierce blizzard struck southern Manitoba on the 24th and 25th. Winnipeg reported 30 cm of snow, 100-km/h winds, and -18° temperatures. Five transcontinental trains were snowbound between Winnipeg and Calgary. Hundreds of stranded immigrants overflowed the Immigration building.

25

1988

After weeks of mild weather, a vicious blizzard paralysed Alberta between Ponoka and Calgary, closing major highways for 2 days. Nakiska, located in the foothills west of Calgary and host of the Winter Olympics just a few weeks prior, was buried under 45 cm of snow.

26

1991

Strong winds, severe thunderstorms, and heavy rains plagued southern Ontario while heavy snowfalls buried the north. Central Ontario hydro failures left thousands without electricity for up to 3 days. Sarnia was hit with winds of 159 km/h; a record for the area. Tornadoes were reported around Sarnia and Belleville.

27

First Quarter

1993

Extremely low readings of stratospheric ozone combined with sunny skies over eastern Canada during the week resulted in UV indices more typical of mid-May. In Toronto, the UV index climbed to 6.4. A more typical reading for this time of year would be 4.5.

28

Weather Quiz

Which cloud is often mistaken for a UFO?
(a) altocumulus lenticularis
(b) scud
(c) roll cloud
(d) cumulus congestus
(e) cap cloud or pileus cloud
(See inside front cover for answer.)

29

1848

As a result of a wind-driven ice jam near Buffalo, Niagara Falls ran dry. The sudden silence startled hundreds from their sleep and filled churches with those who leared the end of the world. Others walked out onto the river bed to hunt for artifacts. By 1 April, the river and the falls had returned to normal.

30

MARCH

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

April

MAY

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	<p>1873 The White Star steamer <i>Atlantic</i> struck Moris Rock, near Halifax. More than 500 people lost their lives. The temperature that day ranged from a high of 3.3° to a low of -1.3° with snow flurries.</p> <p>1</p>	<p>1987 Flood waters and ice took out railway bridges at Perth-Andover, NB, on the 2nd and on the Ste-Anne River east of Trois-Rivières, PQ, on the 1st. In 1986, the covered bridge at Anse-St-Jean on the Saguenay (the one on the \$1000 bill) met a similar fate.</p> <p>2</p>	<p>1975 A late-winter storm forced 200 employees of Canada's weather service to stay overnight at its headquarters in Downsview, ON. Blowing and drifting snow, plus stalled and abandoned vehicles, blocked all exits from the parking lot.</p> <p>3</p>	<p>1995 A spring snowstorm that created whiteout conditions and black ice resulted in a series of spectacular chain-reaction collisions on Highway 400 at Barrie, ON. Within a span of 4 minutes, more than 70 crumpled vehicles lay scattered across both north and south lanes of the highway just 300 m apart. Four people, including a baby, were killed; 35 were hospitalized.</p> <p>4</p>	<p>1989 While floods and ice jams occurred along the Red River in Minnesota and North Dakota, Manitoba farmers prepared for the worst flooding since 1979. However, thanks to abnormally dry April weather, the floods did not materialize.</p> <p>5</p>	<p><i>Weather Quiz</i> What place has more rainbows than any other place in the world? (a) Singapore (b) Tampa (c) Glasgow (d) Honolulu (e) Kathmandu (See inside front cover for answer.)</p> <p>6</p>
				Full Moon Passover	Good Friday	
<p>1977 The Toronto Blue Jays played their inaugural home game before 44,649 fans. At the start of the game, there was light, continuous snow, winds were southeast at 22 km/h, and there was a -10° wind chill. Blue Jays 9, White Sox 5.</p> <p>7</p>	<p>1867 From the <i>Ottawa Times</i>, "In Montreal some excitement was created yesterday by several sleighs crossing the ice from St. Lambert's. The ice is in a very rotten state, and the feat was rather fool-hardy. Nevertheless, it succeeded. A large crowd lined the wharves to witness the performance."</p> <p>8</p>	<p>1606 As Nova Scotia's early French settlers set sail in search of a warmer and more southerly site for a permanent settlement, they encountered fog and strong northeasterly winds. When the vessel ran aground, the men went ashore and watched it disintegrate on the rocks.</p> <p>9</p>	<p>1985 An early April snowstorm blanketed Ontario and paralysed Québec and the Maritimes. Several snowfall records were set: 44.4 cm at Sept-Îles, PQ, and 75 cm at Charlo, NB. St. John's, NF, received 70 mm of rain, flooding parts of the city and causing short-circuiting to many homes and schools.</p> <p>10</p>	<p>1992 A severe storm struck southern and central Ontario. Freezing rain fell east of Toronto, marble-sized hail to the west, and as much as 30 cm of snow to the north. A portion of the downtown was closed when chunks of ice fell from the CN Tower. Lightning caused fires and power outages. Pearson International Airport set 2 new precipitation records for April: a 1-hour total of 24 mm and a 1-day total of 55.8 mm.</p> <p>11</p>	<p>1855 A gale passed through Montréal, blowing down fences, chimneys, and homes. In the raging St. Lawrence River, the <i>Iron Duke</i>, anchored at Longueuil, drifted from its moorings and sank. Earlier, the wind had similar destructive effects across southern Ontario, where trees were uprooted.</p> <p>12</p>	<p>1858 Toronto Island was formed when strong lake winds breached the narrow isthmus connecting the harbour's outer peninsula to the mainland. Winds were east-northeast at 40 km/h over the city but were much stronger over the water.</p> <p>13</p>
Easter Sunday Daylight Saving Time Begins			Last Quarter			
<p>1863 The PEI <i>Islander</i> newspaper printed a pedestrian's recommendation for sidewalks: "It was ludicrous as well as painful to see on last Sabbath, ladies of all ages ... floundering about in the mud like swine in a hog sty."</p> <p>14</p>	<p>1912 On the night of the 14th to 15th, the <i>Titanic</i> collided with an iceberg 700 km southeast of Newfoundland. At least 1,500 of the 2,200 aboard drowned in the worst accident ever caused by an iceberg. St. John's had clear skies with light winds.</p> <p>15</p>	<p>1981 Dust storms generated by 100-km/h winds created near-zero visibility on Highway 11 at Craik, SK, leading to 2 multi-vehicle accidents. In Regina, the wall of a building under construction collapsed onto the street, snarling rush-hour traffic.</p> <p>16</p>	<p>1967 Continuous snowfall across southern Alberta left a record depth of 70 cm at Lethbridge by the 20th. With a 3-day snowstorm following on the 27th, southern Alberta was declared a disaster area as thousands of cattle starved to death on the open range, unable to forage for food in the deep snow. Army units were dispatched to assist in snow clearing. There was some good news—the revenue minister announced that the income tax deadline for residents of southern Alberta was extended 2 weeks to 15 May.</p> <p>17</p>	<p>1976 Montréal had one of its warmest April days ever as the temperature climbed to 28°. The Hotel Bonaventure started its Great Easter Balloon Race early after balloons began to pop in the heat. In Ottawa, the temperature reached 30°—an April record.</p> <p>18</p>	<p>1992 Snowfalls up to 42 cm and as much as 85 mm of precipitation caused widespread disruption in southeastern Saskatchewan and southern Manitoba. Power lines were downed, flights delayed, and traffic snarled. At least 4 traffic deaths were attributed to the Easter Sunday storm.</p> <p>19</p>	<p>1865 "The wet weather seems to keep drunkards out of sight of the police, so that, save a few 'old offenders,' to whom drunkenness is of daily occurrence, nobody was so unlucky as to be in the cells last night." <i>The Daily Globe</i>, Toronto.</p> <p>20</p>
			New Moon			

1985
The worst April snowstorm in 30 years struck Alberta, dumping 40 to 50 cm of snow on the province. At least 5 deaths near Calgary were attributed to the storm. The snow was unusually wet, the temperatures were near freezing, and the winds were 30 to 50 km/h.

21

1932
During an electrical storm, 52 wild geese were struck by lightning as they flew over Elgin, MB. The jolt killed the birds, sending them crashing to the ground. After being collected, they were distributed to townspeople for goose dinners.

22

1947
The 5,000-tonne Greek freighter *Affias* ran aground on Sable Island's offshore bars during thick fog. High winds and huge waves slammed the vessel until it sank. After a wild storm in the summer of 1955, the *Affias* rose but vanished again 6 months later.

23

1934
Several days of continuous rainfall from 16 to 24 April led to flooding throughout New Brunswick. Washouts inundated sections of railway lines and highways. In the flats below Fredericton, hundreds of families were forced to vacate their flooded homes.

24

1854
A tornadic whirlwind was observed in downtown Toronto, "about 1/2 mile northwest of the lunatic asylum." Nearly 6 hours later, two fishermen were swept away at Niagara-on-the-Lake, by waves 2 to 3 m high.

25

1866
Three Indians, bringing supplies from Soda Creek to Fort Alexandra, BC, were thrown into the icy waters when a large piece of floating ice struck their canoe. One man made it ashore, but a father and his 12-year-old son succumbed to the frigid water.

26

1991
A 2-day, late-winter storm left more than 80 cm of snow in the area of Lloydminster, SK. Transportation was brought to a halt, and hydro was out for 2 days.

27

Earth Day

First Quarter

1992
Ice jams in Hay River, NT, caused water levels to rise over 5 m above normal, flooding low-lying areas. Residents of the west channel were evacuated for a day. On the east channel, a coast guard vessel was forced over its dock by ice, and an aeroplane, buildings, and stored cargo were damaged.

28

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

29

1993
Lobster season was delayed in parts of northern Nova Scotia, Prince Edward Island, and New Brunswick due to the worst ice conditions in more than 20 years. Although the 1.3-m thick ice floe across the Northumberland Strait moved back and forth in the wind, it did not break up for 2 weeks.

30

APRIL

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

May

JUNE

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			<p>1871 An order-in-council authorized the minister of marine and fisheries to spend \$5,000 for meteorological observations. This was the beginning of the Meteorological Service of Canada. Initially, its functions were limited to making selected weather and magnetic observations; in 1876 the service issued weather forecasts.</p>	<p>1886 A spectacular late-season snowfall of 38.1 cm at Edmonton, AB, remains the area's greatest May snowfall on record.</p>	<p>1979 An ice jam on the Yukon River caused severe flooding in Dawson, YT. Flood waters 2 m high submerged several historic sites and damaged 80% of the town's buildings.</p>	<p>1971 Heavy rains led to an earth cave-in at St-Jean-Vianney, 200 km north of Québec City. A bus, several cars, and 35 homes were dumped into a crater 600 m wide and 30 m deep, killing 31 people.</p>
					Full Moon	
<p>1990 A seasonally rare windstorm along the Pacific coast capsized small boats and downed trees and power lines in the Victoria area. Inland, winds gusting to 100 km/h brought down more than 350 spans (35 km) of power lines and fanned a brush fire out of control in the Prince George area.</p>	<p>1990 The Toronto Blue Jays and Detroit Tigers set a SkyDome record of 10 home runs—one short of matching the major-league record. Some thought that the almost 50,000 warm bodies beneath the closed roof on this warm day raised the humidity, and that the moist air made the balls fly farther.</p>	<p>1715 Manitoba's Hayes River thawed inland before its mouth was clear of ice, causing a flash flood at York Factory. Governor James Knight and his entire garrison were forced "to leave the factory & to take our selves to ye woods and gett on trees ... the water rising above nine foot upon the land and continued up for six days ... The ice lay heap'd and crowded at least twenty foot higher than the factory ..."</p>	<p>1904 Brandon suffered its worst flood since 1882 as a result of heavy late-winter snows and a sudden thaw. Downtown streets were under 1 m of water and several houses were washed away.</p>	<p>1926 Very warm temperatures prevailed for the past 2 months over the Yukon and Mackenzie Valley. The Porcupine River, flowing west through northern Yukon, jammed with broken ice and rose almost 10 m above normal at Old Crow, inundating the village and airport and cutting off power and communications. In the Mackenzie Valley, temperatures were in the 20s, and a thunderstorm with hail passed over Fort Simpson.</p>	<p>1991 A strong dust devil formed near Bridgewater, NS, under sunny, dry conditions. The vigorous wind caused considerable damage to a camper trailer and uprooted a nearby tree.</p>	<p>1990 In Toronto, strong winds brought down trees, branches, and power lines. Winds were so powerful that elevators to the observation deck at the CN Tower had to be slowed from a 58-second ride to a 4-minute ride. The elevator to the space deck (447 m) was closed.</p>
					Last Quarter	
<p>1992 People feared for the safety of a buffalo herd when the Teihul River, east of Fort Smith, NT, flooded, isolating many of the animals. The area was a popular calving ground, and since it was calving season, there were concerns about getting feed to the animals.</p>	<p>1838 From the diary of Jane Ellice (wife of the private secretary to John Lambton, governor-general of British North America) while nearing the Banks of Newfoundland: "So foggy that the deck was quite wet all day—very, very cold too. We must be near some ice bergs the cabins were like dripping wells; beds & every thing else dripping wet."</p>	<p>1864 Severe flooding occurred in Cobourg, ON, when Perry's Mill was unable to keep the waste gates open along Factory Creek during a heavy rain. As the water rushed over the broken banks, it tore trees up by the roots and sent fences, bridges, and rails towards Lake Ontario. The surging waters carried away 3 unfortunate people.</p>	<p>1868 "Distress in P.E.I.—in consequence of the long and severe winter on the Island, there is great distress among the farmers ... hundreds of farmers are without seed grain or potatoes, having given it all to their cattle. This being all expended, the cattle are dying in large numbers every day, and starvation is staring the poor farmers and their families in the face ..." <i>Sarnia Observer</i></p>	<p>1986 Melting snow and heavy precipitation caused the Winisk River to flood. About 140 of the 170 inhabitants of Winisk, ON, were evacuated. Two people died, and only 7 of 60 buildings remained intact. The entire community was destroyed and had to be reestablished 30 km south of its original location.</p>	<p>1991 In Annapolis Valley, NS, temperatures in the high 20s caused fruit blossoms to open rapidly on the 17th. When frost occurred on the 19th, 10-60% of the apple blossoms suffered severe damage, and another 25-30% were ruined following frost on the 23rd. Other soft fruit crops were also injured by the freeze.</p>	<p>1950 The highest Red River flood in modern times crested at 9.2 m above normal near Winnipeg, forcing the evacuation of 100,000 people. Damage to 5,000 homes and buildings was estimated at \$100 M.</p>
Mother's Day					New Moon	

Atosh...

<p>1898 In London, ON, lightning struck the home of J.B. Allenby. The family awoke and hastened to his room and were horrified to find him lying in bed with his whiskers and hair ablaze.</p>	<p>1992 At Edmonton, a record snowfall of 7.2 cm at the Municipal Airport and 11 cm at the International Airport broke the previous records for the day. Up to 15 cm of snow fell just outside the city, and some forestry stations in west-central Alberta reported up to 30 cm.</p>	<p>1992 In northern New Brunswick, May's hot, dry weather allowed forest fires to thrive. Near Kedgwick, fires ignited by lightning on the 21st and nourished by strong winds destroyed 3,035 ha of woodland and required 350 volunteers, 10 water bombers, 4 helicopters, 32 bulldozers, and numerous mobile water tankers to bring them under control.</p>	<p>1933 A tornado at Ceylon, SK, lifted a garage and deposited it on the roof of a house.</p>	<p>1990 A burst beaver dam sent a 2 1/2 m-high by 100 m-wide wall of water through downtown Haliburton, ON, at about 1 PM. The waves lasted nearly an hour, overturning cars, washing away small buildings, and flooding homes.</p>	<p>1803 Quote from Alexander Henry's journal, "Set off for Portage la Prairie. We found much water on the plains. Mosquitoes by the millions."</p>	<p>1896 A tornado carved a path of destruction through a portion of Windsor, ON. Timber several metres long was observed to travel horizontally along the ground for a distance of 200 m. A horse, rolled and pushed 250 m through two fences and over a large ditch, survived uninjured.</p>
<p>1992 Temperatures dipped as low as -6° in the Annapolis Valley, NS, destroying up to 90% of the apple buds in low-lying areas. One grower successfully warded off the frost by drawing warmer air down among his trees from a giant fan he had installed in his orchard earlier in the month.</p>	<p>1992 <i>Weather Quiz</i> The wind speed produced by the average sneeze is: (a) 5 km/h—light air (b) 16 km/h—gentle breeze (c) 63 km/h—gale force (d) 120 km/h—hurricane force (e) 200 km/h—tornado force (See inside front cover for answer.)</p>	<p>1991 At least 9 tornadoes touched down in southern Saskatchewan as thunderstorms rolled through. Fortunately, there was no loss of life or significant damage. West of Swift Current, the ground was covered with hailstones to a depth of 14 cm.</p>	<p>1894 Flooding along the Fraser River washed out bridges and railroad beds above Yale, BC. In the days following, the flooding became severe, as lowlands throughout the entire Pacific Northwest were inundated. The waters did not begin to recede until 10 June. The CPR estimated a loss of \$1 M.</p>	<p>1990 An amateur sailor, attempting to row 5,000 km across the Atlantic Ocean in a homemade boat, gave up the idea after travelling only 3 or 4 km and running into 4-m swells in the mouth of Halifax harbour.</p>	<p>1880 A tornado in the vicinity of Florence, ON (east of Wallaceburg), uprooted trees, unroofed buildings, and carried cows into adjoining fields, leaving them with broken legs and their horns knocked off.</p>	<p>First Quarter</p>

MAY

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

June

JULY

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						<p>1988 Canadian and Soviet members of Operation Polar Bridge arrived at Ellesmere Island, completing their 79-day, 1700-km ski trip across the North Pole from the USSR. Staff at the Eureka weather station hosted a reception. Weather at Eureka was sunny with light winds and a late afternoon temperature of 4°.</p> <p>Full Moon</p>
<p>1941 A low-flying RCAF bomber was on a patrol sweep in foggy weather when it struck one of Sable Island's radio beacon poles, shearing off the plane's wing. All 5 men aboard died when the bomber crashed about 150 m off shore.</p> <p>2</p>	<p>1989 It was opening night at the new SkyDome in Toronto. Ontario Premier David Peterson pointed a laser beam skyward and opened the stadium's retractable roof—letting in a deluge of water from a rainstorm. Performers were drenched, and many of the 50,000 spectators abandoned their seats in search of shelter.</p> <p>3</p>	<p>1961 A 10-day heat wave with afternoon temperatures above 32° began in Regina. Across western Canada, June 1961 is remembered as one of the hottest, driest months in history. By the end of June, grain-growing areas were locked into a serious drought.</p> <p>4</p>	<p>1956 A tornado hit Westlock, AB, destroying farm buildings and uprooting trees. The tornado lifted a stable, complete with a 635-kg bull, and set it down 20 m away. The bull survived the ordeal unharmed.</p> <p>5</p>	<p>1859 The steamship <i>Edinburgh</i> collided with an iceberg 300 km east of St. John's. Water rushed in through a gash in the forward plates. With all hands baling and working continuously at the pumps, the ship made it to land.</p> <p>6</p>	<p>1988 Regina imposed rationing after setting a daily water consumption record of 245 million litres the previous day. Temperatures hovered above 35° for 4 days.</p> <p>7</p>	<p>1836 From the journal of Alexander Ross, at the Red River settlement: "On the 7th of June we had a heavy fall of snow and on the following day the ice was the thickness of a penny piece in the water."</p> <p>8</p>
World Environment Week			World Environment Day			Last Quarter
<p>1816 At Québec City, temperatures fell below freezing every night from the 6th to the 10th and snow fell frequently, "the whole of the surrounding country ... having, within twelve days of the summer solstice, the appearance of the middle of December." <i>Québec Gazette</i></p> <p>9</p>	<p>1880 Near Listowel, ON, a tornado 200 m in width levelled everything in its track. It lifted 1 man and carried him along at a "2.40 gait." As he came to a bridge, he caught hold and held on for dear life. He said "the sensation is most peculiar when being rushed helplessly along at so fearful a rate" and thought "it was the nearest thing he had come across to a bad attack of nightmare." He was reported "glad he saved his bacon."</p> <p>10</p>	<p>1991 Violent thunderstorms caused extensive damage throughout southern Saskatchewan. At Regina, winds gusting to 140 km/h kicked up so much dust that visibility was reduced to zero. Tornadoes were reported at Assiniboia, Gravelbourg, and Regina.</p> <p>11</p>	<p>1990 The province declared states of emergency in several northern Alberta towns and counties after more than 150 mm of rain in 3 days caused extensive flooding from Grande Prairie to Fort Vermillion. Hundreds of people had to be evacuated from low-lying areas as swollen rivers and creeks caused the worst flooding ever recorded in northern Alberta. In the British Columbia interior, rains set off more floods and over 200 mudslides, claiming 9 lives and causing over \$10 M in damages.</p> <p>12</p>	<p>1886 Vancouver, the last stop for the new CPR railroad, grew rapidly. Workers cleared forests, leaving heaps of branches and stumps to dry in the hot sun at the edge of every road and clearing. On 13 June, a fire that started in the woods burnt down the city, taking many lives.</p> <p>13</p>	<p>1984 Six vessels from the tall ships fleet were forced into Prince Edward Island ports during a storm. The ships were among 50 that left Halifax on the 12th on their way to Gaspé and Québec City. Of the 6 forced to shore, 4 were from the United States and 2 from Holland.</p> <p>14</p>	<p>1988 A hot spell in Québec contributed to the deaths of 77 elderly people in Montréal on the 15th, a day in which new all-time June maximum temperatures were established at a number of stations in the province.</p> <p>15</p>

1923
At Rosetown, SK, a boy fell to his death when a tornado carried the house he was in through the air. Another house was turned completely around on its foundation with the family still inside.

16

1991
Ice conditions along the north coast of Newfoundland were the worst in 25 years. The pack ice was 3 to 5 m thick and unusually hard. Icebergs and ice flows up to 3 km in diameter were common. The sail from St. John's to Botwood, which normally took 1 to 2 days, took 3 weeks, and coastal ferry services were severely affected.

17

1866
The *Jennie P. King*, a 45-m barque, sailed Lake Erie from Toledo for Buffalo with a load of oak. The vessel ran into a violent storm with gale-force winds at Long Point. Giant waves crashed over the decks and eventually turned the boat completely over. Of the 14 passengers and crew aboard, 13 were lost.

18

1962
Observers photographed a well-developed funnel cloud southwest of Yellowknife, the most northerly Canadian location where this unusual phenomenon has ever been reported.

19

1874
An 8-hour storm, described as the greatest thunderstorm that Manitoba had ever seen, brought torrential rain and terrific lightning. The lightning killed 7 people, and 250 mounted police horses stampeded.

20

Weather Quiz
Canada holds the world record for which of the following?
(a) the most snow in one year
(b) the lowest temperature
(c) the highest wind speed
(d) the lowest rainfall
(e) none of the above
(See inside front cover for answer.)

21

1992
Severe thunderstorms crossing southern Manitoba produced numerous funnel clouds and at least 3 tornadoes, causing between \$1 M and \$2 M damage. One of the tornadoes stayed on the ground for 26 km. Near Stonewall, 120 mm of rain fell in less than 30 minutes.

22

New Moon Father's Day

Summer Solstice 22:24 EDT

1993
Moncton, NB, received a record 2-day rainfall for June totalling 84.6 mm over the 22nd and 23rd. Wind gusts up to 100 km/hr in southeastern New Brunswick, Prince Edward Island, and central Nova Scotia knocked down trees and caused power outages.

23

1992
Heavy rains of between 70 and 140 mm fell from the 19th to the 23rd in an area stretching from La Pocatière to Mont-Joli, PQ. During the night of the 23rd, the Rivière du Loup overflowed its banks, flooding the countryside. Close to 1 m of water inundated some farmland, causing severe crop damage.

24

1964
Huge hailstones, most the size of baseballs but some as large as grapefruit, fell along a narrow path about 8 km in length near Keewatin, ON, causing minor damage to automobiles. One hour prior to the hailstorm, a small tornado uprooted trees about 80 km west of Keewatin.

25

1959
A fierce storm with high tides and heavy rainfall struck the Northumberland area of New Brunswick. Flood waters were 0.6 m deep on the Newcastle waterfront. At Escuminac, many fishermen died after the storm wrecked their boats.

26

1988
Heavy rain in the Yukon caused highway closures. Repairs to some roads took as long as 3 weeks. Three years before, Whitehorse recorded its all-time one-day rainfall record—45 mm—on this day.

27

1993
As a 2-day heavy rainfall was tapering off, a beaver dam failed on a plateau above Prince George, BC, releasing about 3500 m³ of water. The flood spewed mud, logs, and other debris onto residential streets and lawns.

28

1963
A remarkable 1-day snowfall of 111.8 cm occurred at Livingston Ranger Station, AB. For 11 years, this stood as the greatest all-time 1-day snowfall ever recorded in Canada.

29

30
1990
A thunderstorm with powerful winds, heavy rain, and loonie-sized hail struck London, uprooting huge trees and downing powerlines; 450 tenants were evacuated from 3 apartment buildings after winds ripped off huge chunks of the roofs.

First Quarter St. Jean Baptiste Day

Discovery Day - Newfoundland

JUNE

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

July

AUGUST

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	<p>1867 High winds hampered the accuracy of forty competitors in a Fredericton rifle contest. "It was the dulllest holiday that could be imagined, so dull that even a dog fight would have been hailed with delight." <i>The Gleaner</i>, Chatham, 6 July 1867.</p> <p>1</p> <p>Full Moon Canada Day</p>	<p>1990 In Edmonton, rainfall of 110 mm over 24 hours caused storm sewers to blow their lids and extensive flood damage to roads, bridges, and farmland. Five rivers in central Alberta recorded their highest-ever peak flow, including the Blindman River, which peaked at 410 m³ per second. The previous high was 180.</p> <p>2</p>	<p>1947 A tornado at Windygates, MB, destroyed all buildings on 2 farms and demolished a school. It then moved into North Dakota where it caused 11 deaths and 30 injuries.</p> <p>3</p>	<p>1974 More than 250 icebergs drifted ashore along eastern Newfoundland, a record number for so late in the year. In 1974, nearly 1,400 icebergs entered the Grand Banks, one as far south as 42°N.</p> <p>4</p>	<p>1989 A tree branch that broke off during a severe thunderstorm in southern Manitoba impaled a 21-year-old man. He was sleeping in a tent at Grand Beach when the 12-cm-thick branch penetrated his stomach and protruded from his back. Miraculously, the wood splinters missed all his vital organs, and he survived.</p> <p>5</p>	<p>1986 Oppressively hot and humid air set new daily temperature records in Toronto and area. Afternoon readings reached 34.3°, and the humidex was 41°. Nighttime temperatures stayed above an uncomfortable 20°. The intense heat caused roads to buckle, resulting in numerous traffic accidents. This day was the 50th anniversary of the infamous heat wave that left 458 dead across Ontario.</p> <p>6</p>
<p>1978 In 9 hours, 100 mm of rain fell at Radville, SK, causing Long Creek to overflow its banks. Hundreds of hectares of farmland were flooded, and basements collapsed from the pressure of the water.</p> <p>7</p> <p>Last Quarter</p>	<p>1986 The barque <i>Raffaella</i>, from Genoa, Italy, bound for Bathurst, NB, struck one of Sable Island's bars during dense fog and strong winds. Five men, including the captain, hung on to the overturned wreck while seven others made it to shore for help. The men were rescued with the use of a rocket apparatus—the first time such an item was used by Sable's rescue crew to save lives.</p> <p>8</p>	<p>1927 A tornado destroyed a number of buildings at Kerrobert, SK. The hail that followed cut across the province devastating 350,000 ha of crop from Eyebrow (northwest of Moose Jaw) through Indian Head to Moosomin. The hailstones ranged in size from beans to teacups.</p> <p>9</p>	<p>1994 Severe thunderstorms spawned tornadoes over western Manitoba. An F3 (severe) tornado touched down for 30 minutes near Birtle, 100 km northwest of Brandon, leaving a path of destruction over 10 km long. Crops, farm equipment, and buildings suffered extensive damage.</p> <p>10</p>	<p>1972 Heavy rainfall over the lower Fraser Valley caused flash flooding, washouts, and flooded basements along the mountains north of Vancouver. Hollyburn Ridge recorded a new daily rainfall record for July, 167.4 mm, and the third wettest day in its history. On 12 July, the climate station received an additional 94 mm for a 48-hour total of 261 mm.</p> <p>11</p>	<p>1988 Thunderstorms knocked out more than 20 transformers in and around Yarmouth, NS. At Little Bay, basements and streets were flooded, and 1 house burned after being struck by lightning.</p> <p>12</p>	<p>1988 Mud and rock slides, brought on by heavy rains, closed the Alaska Highway at several locations in northern British Columbia and the Yukon. Continuing heavy rainfall prevented the reopening of the highway until early on the 17th.</p> <p>13</p>
<p>1987 A ferocious 2-hour thunderstorm lashed Montréal with 102 mm of rain. A flash flood caused scores of accidents, killing 2 people and inflicting widespread property damage. The storm knocked out electricity and halted subway and commuter trains, stranding hundreds downtown overnight.</p> <p>14</p> <p>New Moon</p>	<p>1928 Near Constance, SK, hailstones as big as teacups lashed a ranch, killing more than 750 animals, including 3 horses. A shepherd escaped injury by covering his head with a saddle.</p> <p>15</p>	<p>1950 The highest temperature ever recorded at Eureka, NT, 19.4°, occurred on this date.</p> <p>16</p>	<p>1923 A tornado destroyed homes and barns causing an estimated \$1 M damage in Tuxford and Lumsden, SK. The twister carried a woman nearly 1 km and left her unconscious. A man who lost his trousers later discovered them swinging from a tree 2 km away.</p> <p>17</p>	<p>1991 Severe thunderstorms across northwestern Ontario produced torrential rains and winds gusting to 160 km/h. In 15 minutes, the storm ripped down 165,000 ha of mature forest south of Red Lake, tearing between 20 and 30 million trees out of the ground or snapping them off at the base. Never before had an Ontario storm destroyed so many trees.</p> <p>18</p>	<p>1867 A terrific thunderstorm with heavy rain passed over Kingston, ON. When lightning struck the chimney of a home, it moved the cook stove from its position, rolled up the floor of the garret like a scroll, tore a hole in the bedroom wall, and set the house on fire. Outside, lightning split a large stone, hurling a piece of it 10 m away.</p> <p>19</p>	<p>1962 A 13,000-tonne British ore-carrier collided with a 6,000-tonne vessel in heavy fog on the St. Lawrence about 90 km downstream from Québec. The ore-carrier and its crew of 49 sank quickly, leaving only the foremast and stack above water.</p> <p>20</p>

1819
Arctic explorer Sir Edward Parry sailed from England in May of 1819 in search of the Northwest Passage. On 21 July, looking westward toward Lancaster Sound from Baffin Bay, he saw 130 km of heavy ice and treacherous "middle pack," and around him he counted 88 towering icebergs. He managed to force his way through the treacherous ice successfully.

21

1993
A brief thunderstorm with heavy rain, very strong winds, lightning and pea-sized hail hit Kings County, PE. Lightning struck the Caledonia Presbyterian Church, 3 km northeast of Mount Vernon, shattering the steeple tower and demolishing the church's sound system.

22

1986
A thin, white funnel cloud, with winds up to 116 km/h, touched down at St. Malo, MB. Damage was confined to a welding shop, 2 garages, and several grain bins. The funnel appeared white because of the way the sunlight hit it.

23

1867
A violent thunderstorm at St-Pierre, east of Québec City, sent a bolt of lightning through a house, tearing up the solid foundation "as if by an earthquake." The storm blew a woman out of her house, tearing off her boots and cutting her feet. The house was a complete wreck.

24

1993
Hay farmers in British Columbia's southern interior were waiting for prolonged dry weather so they could cut their first crop. Kelowna had received 21 days of precipitation during the first 25 days of July, breaking its record of 17 set in 1983. The weekly rainfall total of 35.8 mm was greater than the usual monthly average of 33.7 mm.

25

1578
From the journal of Martin Frobisher: "In this storm, there fell much snow with such bitter cold air that we could scarce see one another ... Every man persuaded himself that the winter must be extreme where there be found so unseasonable a summer."

26

Weather Quiz
Which country has the highest participation rate for golf in the world?
(a) United States
(b) Scotland
(c) Switzerland
(d) Canada
(e) Japan
(See inside front cover for answer.)

27

1975
Hurricane Blanche moved across the Atlantic region after a prolonged dry spell, bringing rainfall totals to near normal. In a 6-hour period almost half of the month's total rainfall (158 mm), fell at Chatham, NB. In Nova Scotia, winds up to 115 km/h downed a number of power lines and trees.

28

1916
A forest fire in northern Ontario, ignited by lightning, engulfed the towns of Cochrane and Matheson, killing at least 233 persons.

29

1834
A 15-minute storm at Thunder Bay, ON, dumped torrents of rain and hail. Violent winds drove the hail through several panes of glass and blew ladders off the roofs at the Hudson's Bay Company post.

30

1987
In 1 hour of rage and fury, a series of tornadoes struck Edmonton, killing 27, injuring more than 200, and leaving 400 homeless. The storm, the most destructive in Canadian history (to that date), toppled transmission towers and blew apart a giant oil tank. Damage was estimated at \$250 M.

31

JULY

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

August

SEPTEMBER

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				<p>1857 An account from the papers of the Palliser expedition: "While encamped for dinner [at Pembina River, AB] a violent wind sprang up from south-west, bringing with it dense clouds, among which the lightning played vividly ... Along with this wind came ... myriads of grasshoppers ... suddenly the insects began to fall as thickly as snow ... the fall of grasshoppers was ... sufficient to cause us much discomfort from the blows they gave us on the face, as they came down with great rapidity before the wind."</p>	<p>1992 A hailstorm battered the towns of Nobleford and Monarch, near Lethbridge, AB. The hail knocked birds out of trees and caused extensive damage to property and crops. Hail the size of golf balls lay as deep as 30 cm on area highways. Officials called out snowploughs to clear roads.</p>	<p>1991 Central areas of the Yukon received 1-day rainfall totals between 30 and 70 mm over the 3rd and 4th. The storm washed out the Dempster Highway at the upper Peel River. The highway remained closed to traffic for several days.</p>
<p>1994 As players at the Canadian little league championship game in Ancaster, ON, returned to field after a 10-minute rain delay, lightning struck, killing 1 athlete instantly. The force shredded the 19-year-old's cap. The other 23 players were treated for shock.</p>	<p>1993 Low snow pack and a dry summer resulted in 450 forest fires in the Northwest Territories since 1 January. On 4 August, 85 fires continued to burn. Northwesterly winds transported the smoke from the fires over most of Alberta. In some areas, the combination of fog and smoke reduced visibility to less than 1 km. Later, on the 19th, 2 new fires started when game wardens and Native people burned the carcasses of more than 100 bison that had died of anthrax in the Mackenzie Bison Sanctuary.</p> <p>Civic Holiday / Heritage Day - Alberta British Columbia Day - BC</p>	<p>1879 The Bouctouche tornado struck St. Mary's, NB, ravaging the village and demolishing everything in its path. The twister killed 7 people, injured several, and left many others homeless. Losses amounted to \$100,000.</p> <p>Last Quarter</p>	<p>Weather Quiz Which province is the leading consumer, per capita, of ice cream? (a) Prince Edward Island (b) Québec (c) Manitoba (d) British Columbia (e) Ontario (See inside front cover for answer.)</p>	<p>1901 Cylindrical hail, like pieces of round lead pencils measuring 9.5 mm long, fell on the St. Lawrence River.</p>	<p>1981 According to a newspaper report, a lightning victim near London survived because of the religious chain he wore around his neck. The blast hurled the man 2 m in the air, shredding his clothes and blowing off his right running shoe.</p>	<p>1973 The most northerly funnel cloud sighting in Canada was made on Upper Garry Lake, NT, just south of the Arctic Circle.</p>
<p>1986 Canadian fishermen rescued 152 Tamil refugees who had endured heavy rain, fog, and rough seas of 1 to 2 m off St. Shotts, NF.</p>	<p>1993 Children were turning up at Winnipeg health clinics with their eyes swollen shut from mosquito bites. Heavy rains during the week caused the mosquito population to explode to 6 times the average.</p>	<p>1990 Torrential rains, up to 135 mm, fell on the Beauce region, PQ. Streams overflowed their banks, flooding streets and basements and washing away bridges. In St-Georges, a mudslide flooded a hospital basement.</p>	<p>1989 Tornadoes are an extremely rare event in the Maritimes, so it was quite a surprise when 3 funnels touched down in New Brunswick. In Carlisle, 25 km east of Hartland, a tornado uprooted trees and ripped a barn apart but cracked only 2 of the 24 glass storm windows stored inside.</p> <p>New Moon</p>	<p>1973 Residents and campers at Fort St. John, BC, endured 3 days of snow when more than 20 cm fell during a mid-month storm. Temperatures during the surprise storm hovered near freezing.</p>	<p>1990 Approximately \$5 M in flood and structural damage resulted from severe thunderstorms that dumped over 100 mm of rain at Calgary over the 16th and 17th. The roof of one shopping centre collapsed, and lightning tore a hole in the roof of another mall.</p>	<p>1980 Heavy rains and winds above 100 km/h lashed the Maritimes, causing power outages, disrupting ferry services, and damaging the Prince Edward Island tobacco crop.</p>

1860

It was an oppressively hot and humid day in Québec City as Canadian ministers awaited the arrival of the Prince of Wales on the first royal tour in Canadian history. Dressed in ceremonial uniforms for the occasion, they perspired profusely, looking (as one newspaper reporter put it) "as uncomfortable as so many pigs in armour."

18

1984

A storm at Prince Albert, SK, with winds gusting to 163 km/h, damaged homes, flipped 7 light planes, and downed trees and power lines. At least 75% of the city was without power.

19

1852

The Great Lakes steamer *Atlantic* sank off Long Point in Lake Erie, ON, after colliding in dense fog with the freighter *Ogdensburg*. A total of 300 lives and \$250,000 in gold coins (worth \$60 M in 1991) were lost.

20

1992

Snow began to fall in southern and central Alberta on the 21st, leaving as much as 60 cm by the time it ended on the 23rd. It was Edmonton's earliest snowfall since record-keeping began in 1884. The weight of the snow broke tree branches, which downed power lines, and caused severe crop damage.

21

1990

Around 8 PM, according to hundreds of Islanders, a UFO flashed across the Prince Edward Island sky. A family in Ebenezer claimed the object landed in a field near their home.

22

1993

A tornado at Hoodoo Lakes, BC, carved out a path 1 km long and 60 m wide. The twister lifted heavy farm equipment, moved buildings and fences, damaged trees, and scattered a 1-m high stack of lumber.

23

1873

A calamitous hurricane swept Cape Breton island destroying 1,200 fishing vessels, thousands of trees, and damaging countless bridges, breakwaters, wharves, and 900 buildings. The storm also claimed 500 lives. Downed telegraph lines between Toronto and Halifax had prevented storm warnings from getting through.

24

Discovery Day - Yukon

First Quarter

1928

Canada's first major air disaster occurred when a Ford Trimotor flew into Puget Sound in bad weather. Seven people died.

25

1845

Alexander Muir's account of a storm off Cape Breton Island: "A perfect hurricane with torrents of rain ... did not last above two hours ... the passengers were obliged to sit down on the floor, and hold on—the one by the other—and allow pots, pans, trunks, tables, chairs to tumble over and over them."

26

1973

A hailstone weighing 290 g and measuring 114 mm in diameter—the largest ever documented in Canada—fell at Cedoux, SK. Its mass on impact was estimated at 450 g.

27

1980

A torrential downpour produced a record 24-hour rainfall of 83.5 mm in Edmonton. South of the city at Leduc, the rain flooded hundreds of basements and stranded dozens of motorists, prompting officials to declare a state of emergency.

28

Full Moon

1991

Extensive flooding forced hundreds of people to flee their homes along the British Columbia coast, north of Vancouver, after 50 to 75 mm of rain fell during the 29th and 30th. At Howe Sound, flood waters and mudslides caused an estimated \$4 M damage. Squamish received 126.9 mm of rain on the 29th alone, sending a torrent of flood water right through the centre of town and resulting in \$500,000 damage.

29

1988

Vicki Keith completed a 51-km swim of Lake Ontario, setting a new women's world-distance record for the butterfly stroke (38 km) and becoming the first person to swim across all 5 of the Great Lakes. Conditions were ideal, with calm waters, light winds, and water temperatures in the 17° to 19° range.

30

1881

The hot, dry weather prevalent in Ontario during August caused the earth to harden and streams and wells to dry up. The heat ruined pastures and severely damaged root, fruit, and corn crops. Smoke, extremely dense at times, filled the air for weeks as brush fires moved destructively through the southern part of the province.

31

AUGUST

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

September

OCTOBER

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>1860 In Ottawa, the Prince of Wales (the future King Edward VII) laid the cornerstone of the Parliament buildings. Dignitaries undoubtedly appreciated the day's fine weather considering they and the prince had been drenched during the official welcoming ceremony the previous evening.</p> <p style="text-align: right;">1</p>	<p>1912 The first Calgary Stampede opened under partly cloudy skies. Winds were light from the north, and the day's high was a slightly cool 19°.</p> <p style="text-align: right;">2</p> <p>Labour Day</p>	<p>1865 At Cariboo, BC, a heavy 24-hour rainfall turned Williams Creek into a raging river, flooding everything in its path. The flood waters filled mining shafts and caused cave-ins on most of the claims at Barkerville and Cameronton. The flooding also destroyed homes and machinery. Mining operations were impeded for months, and in some cases abandoned altogether.</p> <p style="text-align: right;">3</p>	<p>Weather Quiz Which is the driest continent? (a) Asia (b) Africa (c) Australia (d) North America (e) Antarctica (See inside front cover for answer.)</p> <p style="text-align: right;">4</p> <p>Last Quarter</p>	<p>1994 An American fishing vessel sank just outside of Canadian waters during a severe Marilime storm as winds gusted to near hurricane-force. Four crew men were lost. In southern New Brunswick, damage to herring-fishing equipment exceeded \$2 M, and several pleasure boats sank.</p> <p style="text-align: right;">5</p> <p>New Moon</p>	<p>1990 A tornado touched down near the hamlet of McGregor, 15 km south of Windsor, as severe thunderstorms moved across southwestern Ontario, dumping 75 to 110 mm of rain. The storm uprooted trees, caused minor flooding, and knocked out power to thousands of homes in Essex County.</p> <p style="text-align: right;">6</p>	<p>1839 A new stagecoach was established on the line between Charlottetown and Georgetown, PE. It could carry 8 to 10 passengers and was equipped with an awning, "which can be let down or rolled up, according to the state of the weather."</p> <p style="text-align: right;">7</p>
<p>1759 Weather forced General Wolfe to cancel his plans to land an army of 3,600 men on the north shore above Québec City. Heavy rain and gale-force winds continued through the night.</p> <p style="text-align: right;">8</p>	<p>1919 Alexander Graham Bell's experimental hydrofoil boat, the cigar-shaped HD-4, set a world water-speed record of 114.04 km/h on Cape Breton's Bras d'Or Lake. Cape Breton weather was cool and cloudy with light northerly winds and calm water. The high at Sydney was 13°.</p> <p style="text-align: right;">9</p>	<p>1942 A tornado struck north of Killarney, MB. It sucked a woman out of a window, tore clothes off children, and dug up a farmer's potato crop. Near Boissevain, MB, the tornado cleared off a field of stooked grain. Later in the day, straw fell from the clouds during a heavy rainfall at Belmont and Baldur.</p> <p style="text-align: right;">10</p>	<p>1976 A 64-year-old American canoeist was stranded 18 days on the northern coast of Somerset Island, NT, after his plane failed to show up as planned. After his rescue he remarked, "You feel so darn good you'd like to sneak up on a polar bear, kick him in the tail, and outrun him."</p> <p style="text-align: right;">11</p>	<p>1993 Officials declared a state of emergency for farmers in east central Saskatchewan after a heavy snowfall on the 11th and 12th flattened crops. On the morning of the 13th, the Porcupine Plain area reported 30 cm of snow on the ground.</p> <p style="text-align: right;">12</p> <p>New Moon</p>	<p>1759 Wolfe defeated Montcalm on the Plains of Abraham at Québec City. His forces had ascended the cliffs at Anse-au-Foulon during the night under clear but dark skies, while the moon was in its last quarter. A participant reported "fine weather, the night calm, and silence over all" at the beginning of the operation.</p> <p style="text-align: right;">13</p>	<p>1818 The first recorded wreck at Long Point, ON, was the schooner <i>Young Phoenix</i>. Bound for Port Talbot, ON, from Buffalo, New York, the schooner took on water during bad weather. The large group of Irish immigrants aboard made it safely to shore, but the boat sank with their only earthly possessions.</p> <p style="text-align: right;">14</p> <p>Rosh Hashanah</p>
<p>1770 The first instrumented reading of air temperature for Newfoundland was taken by George Cartwright at Ranger Lodge near Battle Harbour on the southern Labrador Coast. Cartwright's new thermometer registered 84°F (29°C) at noon.</p> <p style="text-align: right;">15</p>	<p>1868 Barkerville, BC, the centre of one of the greatest gold rushes in history at that time, was in the midst of a dry spell when fire broke out in one of the buildings. The blaze destroyed the settlement; property losses were estimated at \$670,000. By late October, Barkerville had been completely rebuilt.</p> <p style="text-align: right;">16</p>	<p>1932 A tropical storm struck the Maritimes, destroying 300,000 barrels of apples in Nova Scotia's Annapolis Valley and smashing countless lobster traps in Prince Edward Island.</p> <p style="text-align: right;">17</p>	<p>1984 Dense fog prevented Pope John Paul II from landing at Fort Simpson, NT. This deeply disappointed about 3,000 Indians and Inuit who had been awaiting his arrival. However, true to his word, Pope John returned 3 years later on 28 September 1987 and celebrated mass with a brilliant rainbow serving as a backdrop.</p> <p style="text-align: right;">18</p>	<p>1583 Sir Humphrey Gilbert, the founding father of Newfoundland, was travelling home to England from Newfoundland aboard the <i>Squirrel</i> when a raging storm struck. Huge waves took the frigate and her crew down.</p> <p style="text-align: right;">19</p>	<p>1955 A hurricane that originated in the tropics and moved northeastward along the Atlantic brought 48 hours of rain to western Newfoundland. Ingonish Beach, NS, received a total of 127.5 mm, and Stephenville, NF, recorded 100 mm.</p> <p style="text-align: right;">20</p> <p>First Quarter</p>	<p>1942 A massive rainstorm hit the Maritimes on the 20th. By the 21st, Halifax had received 239 mm of rain, a 1-day record for eastern Canada. On the 22nd, Charlottetown received 164 mm, its greatest 1-day rainfall ever. After 4 days, totals exceeded 350 mm at St. John's, and 275 mm at Charlottetown.</p> <p style="text-align: right;">21</p>

1865

"For three weeks past more rain has fallen in British Columbia than has ever been known in any previous season ... [there were] serious apprehensions ... that cereals as well as the hay crops would be entirely destroyed, and ranch owners became very uneasy. Fortunately the weather cleared up yesterday." *The Cariboo Sentinel*, Barkerville, 23 September 1865

22

Autumnal Equinox 14:00 EDT

1986

At Whitehorse, YT, nearly 7 cm of snow fell on this day, 16 cm on the next, and 9 cm on the third. The 3-day total of 32 cm surpassed Whitehorse's average for any given month and was a quarter of the normal winter total.

23

Yom Kippur

1883

The schooner *William H. Vanderbilt* was travelling on Lake Erie with a hull full of iron ore when a storm hit, driving the ship ashore at Long Point, ON. Although the crew of 9 was rescued, the schooner was not as lucky. Salvagers managed to remove 300 tonnes of iron ore over the next 4 years.

24

1986

Southwestern Saskatchewan was in the midst of a 3-day storm that dumped more than 150 mm of rain on the area. Consul was swamped with 157.5 mm in a 48-hour period ending on the 26th.

25

1985

Rain in Toronto delayed the start of the baseball game between the Red Sox and the Blue Jays for 3 hours and 18 minutes—one of the longest delays in baseball history.

26

1990

An intense storm, with winds of 100 km/h, moved rapidly up the British Columbia coast. Two fishing boats were unable to reach safety in time and floundered off Vancouver Island. Several lives were lost, and one person was rescued. A freighter was forced to dump its cargo of logs after developing a severe list.

27

Full Moon

1985

Welcome rains from Hurricane *Gloria* helped douse forest fires in Nova Scotia and replenished wells, streams, and watering holes left dry by several months of below-normal precipitation. In northern New Brunswick, rainfalls were between 30 and 75 mm, and peak winds ranged from 90 to 100 km/h.

28

1983

Heavy fog on the Trans-Canada Highway east of Montréal resulted in a fiery accident that claimed five lives.

29

1981

Saint John, NB, received a trace of snow, its first September snowfall since records began in 1871.

30

SEPTEMBER

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

October

NOVEMBER

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		<p>1890 The sun shone on Sir John A. Macdonald as he spoke to crowds at a picnic in Halifax, NS. It was a cool but otherwise fine day for picnicking and politicking. There were clear skies, with light winds and an afternoon high of 14.4°.</p> <p style="text-align: right;">1</p>	<p>1867 The 2nd of October was long known as the day nothing happened in the weather. But in 1967, a windstorm, with gusts over 100 km/h, caused considerable damage as it moved across Newfoundland. Western areas were especially hard hit, as winds uprooted trees, downed power lines, damaged buildings, flipped a plane over, swamped boats, and left 2 longliners in distress.</p> <p style="text-align: right;">2</p>	<p>1994 A storm downed power lines, clogged roads, forced schools to close, and dumped up to 50 cm of snow on parts of southern Alberta. Drifts near Milk River were 1.5 m high. The blizzard also delayed trucks carrying stage equipment for the Rolling Stones concert in Edmonton.</p> <p style="text-align: right;">3</p>	<p>1980 At Olympic Stadium, rain postponed the start of the National League pennant-clinching game between the Expos and the Phillies for 3 hours and 10 minutes—the second-longest rain delay in baseball history.</p> <p style="text-align: right;">4</p>	<p>1994 Environment Canada set up a "Rolling Stones Weather Line." The service, sponsored by <i>The Edmonton Journal</i>, provided forecasts to over 2,600 of the 120,000 fans attending the outdoor concerts on 4 and 5 October in Edmonton. Both the forecasts and the weather were near perfect on concert nights.</p> <p style="text-align: right;">5</p>
<p>1992 A vicious 2-day wind- and rainstorm struck eastern Newfoundland. Hardest hit was the Avalon Peninsula, where downed power lines left hundreds of residents without electricity. Buildings, boats, and wharves suffered extensive damage. A ferry and a large cruise ship were forced to drop anchor and ride out the storm. Gander received a record snowfall of 19.4 cm on the 7th.</p> <p style="text-align: right;">6</p>	<p>1825 A long, dry summer contributed to the outbreak of the Miramichi fire, which demolished 15,500 km² of land north of the Miramichi River and destroyed the towns of Douglastown and Newcastle, NB. Casualty estimates ranged from 200 to 500.</p> <p style="text-align: right;">7</p>	<p>1985 An early snowstorm struck Manitoba and northwestern Ontario. Snowfall ranged from 10 to 30 cm. Following the blizzard, temperatures plunged to -15°.</p> <p style="text-align: right;">8</p>	<p>1900 An unusually long and severe rainstorm, beginning on the 8th and lasting until the 12th, caused extensive flooding in southwestern New Brunswick. The 5-day rainfall totals were 212 mm at Fredericton and 213 mm at Saint John. Bridges and railway property suffered extensive damage. Catamarans could be seen on Fredericton roads, which were covered by as much as 1 m of water.</p> <p style="text-align: right;">9</p>	<p>1989 Temperatures plunged from 18° to 4° in a mere 10 minutes as a vicious windstorm swept through central Alberta flipping trailers and planes, and felling trees and power lines. A woman was thrown into the sink and her head jammed inside a cupboard. Her 10 dogs flew upside-down through the air as the wind toppled her mobile home. Near Bassano, zero visibility from wind-blown dust caused a 14-vehicle pileup.</p> <p style="text-align: right;">10</p>	<p>1741 Captain Christopher Middleton, explorer, recorded the following while at Churchill, MB: "The wine with which the officers drank the aforesaid healths, and which was good port wine, froze in the glass as soon as poured out of the bottle ... By the end of the month, the snow was 12 feet deep and the men had to use axes to hack ice off the inside walls of the Factor's house."</p> <p style="text-align: right;">11</p>	<p>1934 The temperature in Regina soared to 31.1°, an October record until it was broken on 1 October 1992 (32.0°). The fine weather drew many people from their offices. With little else but fine weather on people's minds, the YMCA decided to postpone its \$7,500-fundraising drive to the 22nd, when they hoped for "heavier" weather.</p> <p style="text-align: right;">12</p>
<p>1984 In southern Ontario, officials issued a health warning when stagnant airflow pushed the pollution index to 49. In Montréal, dense morning fog reduced visibility to near zero, resulting in numerous accidents.</p> <p style="text-align: right;">13</p>	<p>1989 A massive updraft carried a skydiver near Fort Erie, ON, 450 m upwards, above a huge, lightning-filled, grey storm cloud. Fearing that he wouldn't be able to breathe in the cloud, he cut his chute and free-fell 600 m before opening his second chute. After landing, he suffered some broken bones when the wind reinflated his chute and dragged him 60 m through a fence and some saplings.</p> <p style="text-align: right;">14</p>	<p>1954 Hurricane <i>Hazel</i> made its way across the Lake Ontario basin on the 15th and 16th. Toronto received 214 mm of rain during 72 hours. Eighty people lost their lives, and wind and flood damage exceeded \$25 M.</p> <p style="text-align: right;">15</p>	<p>1991 Strong winds caused widespread damage and power outages in much of southern British Columbia. In the Vancouver area, 2 docked freighters collided. The wind also pushed a parked commercial passenger aircraft into the side of a terminal building at Vancouver Airport. Temperatures plunged from 14° to 4° in 10 minutes at Kamloops, and wind gusts reached 156 km/h at Vernon.</p> <p style="text-align: right;">16</p>	<p>1992 A low temperature reading of -30.5° at Old Crow set a record for the earliest -30° reading ever recorded in the Yukon. The daytime high of -20.4° set a new low maximum temperature record. During the next 2 days, the temperature dipped to -32.0°.</p> <p style="text-align: right;">17</p>	<p>1990 A portion of King Street was closed and streetcars diverted after strong winds blew metal brackets off the roof of the First Canadian Place, Toronto's tallest building. Repair crews had to wait for winds to subside before fixing the roof.</p> <p style="text-align: right;">18</p>	<p><i>Weather Quiz</i> Which of the following moves the fastest? (a) snowflakes in a blizzard (b) a hurricane (c) a large hailstone (d) the winner of the Queen's Plate (e) ice pellets (See inside front cover for answer.)</p> <p style="text-align: right;">19</p>
	<p>Thanksgiving</p>				<p>Last Quarter</p>	<p>New Moon</p>
						<p>First Quarter</p>

1825
September and October
1825 were unusually
rainy and cold in southern
Manitoba. Two days of
bitterly cold winds and heavy snow,
beginning about 20 October, choked the
water in the rivers. Ice formed rapidly,
even on the large lakes. The soggy
ground and excessive snow contributed
to record flooding the following spring.

20

1987
Kejimikujik weather station
in southern Nova Scotia
recorded 25 mm of acid rain
with a pH of 3.2—halfway between the
acidity of apples and weak vinegar. A pH
of 4.7 is enough to cause environmental
damage. A pH of less than 4.0 is
considered very serious.

21

1993
Residents of southern and
central Ontario were
cleaning up after a fierce
windstorm the previous day.
Winds downed trees and power lines,
damaged buildings, and caused water
levels to rise rapidly along the eastern
end of Lake Erie. At Gore Bay (Manitoulin
Island), winds gusted to 102 km/h—the
strongest ever recorded at that location
in October.

22

1918
The Princess Sophia
grounded on Vanderbilt
Reef off the British
Columbia coast and sank
2 days later. High seas, low visibility,
and 90-km/h winds prevented rescuers
from reaching the ship. All 343 people on
board perished. The only survivor was an
English setter that managed to swim to
shore.

23

1933
An early storm surprised
Ottawa and Montréal with
a record 21 cm of snow.
The snowstorm downed
trees and telephone poles, and travel by
bus between Ottawa and Toronto
increased from about 4 hours to 11 1/2
hours. On a positive note, the snowmelt
replenished water levels of the Ottawa,
Gatineau, and Rideau Rivers. Mill- and
power-plant operators appreciated the
increase in river flows.

24

1989
Mild weather in southern
and central Ontario brought
heavy fog and extreme
pollution to Toronto. South
Etobicoke was hardest hit, with a
pollution index of 73 on the morning of
the 26th. Pollution levels between 50
and 99 are considered poor. On the 25th,
dense fog reduced visibility to less than
200 m at Pearson International Airport,
paralysing Toronto's air and automobile
traffic.

25

1994
A rare tornado occurrence at
4:30 AM in Prince George,
BC, caused nearly \$1 M
damage. Striking only 3 blocks
from the centre of the city, and carving a
path 4 km long, the tornado snapped trees
and damaged buildings, vehicles, fences,
and hydro lines.

26

Full Moon

1984
A section of the Trans-
Canada Highway west of
Winnipeg had to be closed
for a few hours after a storm
left 4.6 cm of snow and 10 mm of rain in
the city. Blowing snow, icy roads, and
poor visibility caused a number of cars
to slide off the highways in Brandon and
Dauphin.

27

1991
A major windstorm
developed over the
southern Maritimes and
offshore waters. The hurricane-force
winds lasted over 48 hours. Extraordinary
waves generated by the winds reached a
maximum height of 30.7 m—the highest
ever recorded by an instrument anywhere
in the world—and averaged 17.4 m off
Nova Scotia. The ferry *Caribou* became
stranded in Sydney harbour and was
unable to dock for 2 nights.

28

1984
A cold spell across the
Yukon, Northwest
Territories, Alberta, and
British Columbia shattered
previous October cold temperature
records. The mercury at Ogilvie, YT,
dipped to -42°, the lowest ever recorded
in Canada for October. Other records: -6°
at Vancouver, -36° at High Level, AB, and
-31° at Red Deer.

29

1991
The Canadian Forces
C-130 Hercules, with 18
aboard, crashed on its
final approach to the runway
near Alert, NT. Forty-eight hours later,
12 paramedics parachuted into the crash
site to rescue the 13 survivors. The
paramedics battled Arctic darkness,
constant cloud cover, and blinding snow.
They also braved temperatures of -23°,
46 km/h winds, and a windchill of -60°.

30

1851
Five days of flooding
commenced along New
Brunswick's Saint John River.
Rapidly rising water at Grand
Falls prompted officials to telegraph
Fredericton, warning of the flood danger.
The warning allowed many residents to
save personal belongings by stacking
them on wharves, but residential damage
and the loss of lumber could not be
prevented.

31

Start of Standard Time

November

OCTOBER

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

DECEMBER

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					<p>1993 Montréalers awoke to 13 cm of snow after a storm dumped 15 to 26 cm throughout the St. Lawrence River Valley. Areas from Montréal to Gaspé reported power outages and traffic accidents. The storm caused 1 traffic-related death.</p> <p style="text-align: right;">1</p>	<p>1978 A 5-day rainfall, totalling 300 to 400 mm, finally ended, but not before producing serious flooding along the northern British Columbia coast. At Terrace, mudslides destroyed valuable salmon spawning grounds and broke the only natural gas line that served the area. Residents were evacuated by boat.</p> <p style="text-align: right;">2</p>
<p>1991 The Edmonton Eskimos grabbed first place in the CFL's Western Division with a 28-18 victory over the Winnipeg Blue Bombers. The game, held in Winnipeg, took place on a field that had been reduced in size due to ice left over from an earlier glaze storm. Instead of the usual 110 by 65 yards, the field measured 90 by 59.5 yards, with smaller 10-yard end zones. To make things worse, the temperature at game time was -13°, and winds gusted to 50 km/h.</p> <p style="text-align: right;">3</p> <p>Last Quarter</p>	<p>1994 A storm dumped 5 to 10 cm of snow on greater Vancouver and downed trees and power lines. Three people died on a snowy highway near Hope, BC.</p> <p style="text-align: right;">4</p>	<p>1990 Heavy snowfall in northern and central Ontario left a 1-day record for November: 50 cm at Gore Bay. Near Georgian Bay, up to 2 cm of freezing rain coated orchard trees causing them to snap under the weight. In several areas, power outages lasted 2 days.</p> <p style="text-align: right;">5</p>	<p>1994 Officials at Toronto's Woodbine Racetrack had to cancel the final 6 races of the day when winds up to 90 km/h toppled trees and power lines and pushed horses sideways. In Ottawa, up to 10,000 customers were without power when the wind blew trees on to power lines.</p> <p style="text-align: right;">6</p>	<p>1994 New Brunswick's worst windstorm in 25 years, with gusts up to 100 km/h, tore up huge sections of forests, leaving the downed trees in a tangled mess. One million cords of wood—enough to keep a large pulp mill going for a year, and worth about \$10 M—were damaged. Winds were responsible for power outages and interruptions throughout the province.</p> <p style="text-align: right;">7</p>	<p>1994 Over 50,000 homes were without hydro after a windstorm battered boats and brought down trees and power lines along the British Columbia coast. Vancouver Island experienced wind gusts up to 165 km/h, and waves as high as 4.5 m high were reported in the Strait of Georgia.</p> <p style="text-align: right;">8</p>	<p>1819 From Kingston, ON, to Québec City, noon skies were as dark as night because of immense fires in Ontario and Michigan. During the afternoon, a thunderstorm showered soot and soapy rain on Montréal.</p> <p style="text-align: right;">9</p>
<p>1986 Winnipeg dug out from beneath 35.8 cm of snow left by a monster 32-hour storm that dumped 30 to 50 cm of the white stuff and created 2-m drifts in southern Manitoba and northwestern Ontario. In Winnipeg, officials pulled buses and ploughs off the roads and closed the airport. Clean-up costs were \$2.5 M—a quarter of the city's annual snow-removal budget.</p> <p style="text-align: right;">10</p>	<p>1940 An Armistice Day storm on the Great Lakes caused the wreck of 3 large ships and several small craft, resulting in 69 deaths. Sustained winds reached 130 km/h.</p> <p style="text-align: right;">11</p> <p>New Moon Remembrance Day</p>	<p>1912 The paddlewheel steamer <i>Mayflower</i> sank in Lake Kamanisseg, ON, during a blinding snowstorm. It had been transporting the body of a dead man to Combermere. Three survivors clung to the coffin in the icy waters and floated ashore. Nine others aboard the steamer died.</p> <p style="text-align: right;">12</p>	<p>1990 Heavy rain along the British Columbia coast from the 8th to the 13th caused extensive flooding, washouts, and mudslides. The eastern half of the Fraser Valley and northern Vancouver Island were hardest hit. Seven people died, and damage estimates were over \$10 M. Hope received an incredible 6-day total of 442 mm.</p> <p style="text-align: right;">13</p>	<p>1975 Saint John, NB, experienced its worst flood ever after heavy rain from the 13th to the 17th clogged sewers and drainage ditches, backing up water onto roads and into basements. An all-time, 24-hour rainfall record of 154.4 mm was set during this period.</p> <p style="text-align: right;">14</p>	<p>1987 A storm with snow and winds to 100 km/h developed off the coast of Newfoundland. On the 17th, the trawler <i>Hosanna I</i> disappeared without a trace about 400 km southeast of Cape Race. High winds and seas hampered the search for the 34 crew members. None of the crew survived.</p> <p style="text-align: right;">15</p>	<p>1989 Thunderstorms spawned a series of uncommon, late-season tornadoes in southern Québec. Nearly \$2 M damage occurred in St-Hilaire as a tornado, packing winds over 200 km/h, cut a swath 500 m wide and over 1 km long, tearing roofs off buildings and overturning cars. High winds knocked out power to 100,000 customers in Montréal and western Québec.</p> <p style="text-align: right;">16</p>

1922
The steamer *City of Oresden* broke up in 15-m waves encountered during a storm on Lake Erie at Long Point. These were Prohibition days, and the ship was in the midst of smuggling 1,000 cases and 500 kegs of whisky. Very little of the illegal cargo was ever discovered by police since it was grabbed and hidden as quickly as it washed ashore.

17

1929
A 4.6-m tidal wave, caused by an earthquake in the Gulf of St. Lawrence, struck the Burin Peninsula of Newfoundland. Tonnes of rock and gravel were ripped off the sea floor. The wave killed 27 people, destroyed 500 homes, and smashed 180 fishing boats. Damage was estimated at \$1 M. Nobody heard about the catastrophe for 4 days because of downed telegraph lines.

18

1813
A hurricane, the earliest known to have entered Canadian waters, crossed Nova Scotia.

19

1989
High winds, snow, and freezing rain disrupted power and transportation across southern Ontario. In Toronto, winds gusting to 91 km/h caused 90-minute delays at Pearson International Airport, blew the roof off a building, and caused 20-minute power outages throughout the city.

20

1987
A storm with gale-force winds swept into the Maritimes, capsizing 2 fishing vessels. High, "confused" seas off West Dover, NS, claimed the lives of 3 fishermen in 1 of the boats. Five others, returning from a shopping trip in Prince Edward Island, lost their lives after waves swamped their boat off the Magdalen Islands.

21

1994
Two months of unusually warm fall temperatures caused spring flowers to bloom and birds to delay migration in southern and central Ontario. Snow finally fell on this day. It was the latest date for a first snowfall in Toronto since 28 November 1849. At the same time, Vancouver's north shore ski areas were experiencing fabulous skiing conditions with a snow base over 120 cm deep.

22

1875
The Grey Cup took place in a deep freeze at Calgary. A temperature of -11° and winds over 20 km/h produced a wind chill of -22°. To the delight of 33,000 spectators, a female intruder provided pre-game entertainment when she cavorted shoeless and topless: the coldest streaker in North American history!

23

1890
At Charlottetown, there was only a trace of snow. It was the city's coldest day of the month so far, with a low of -8.3° and a high of -2.2°. Earlier that day, a consulting engineer had reported favourably on the proposed tunnel to the mainland and was confident it could be built "at moderate cost."

24

1988
An earthquake measuring 6.2 on the Richter scale, with an epicentre 35 km south of Chicoutimi, shook Québec and parts of eastern Canada and the United States as far west as Michigan. Some areas of Québec suffered power outages, while west of Montréal a cave-in occurred on a main rail line. Total damage was under \$2 M.

25

1854
The 750-tonne ship *Arcadia* was headed for New York with a cargo of glass, lead, iron, and silks when it struck the northeast bar of Sable Island, NS, during thick fog. All 147 passengers and 21 crew were rescued.

26

1993
Football fans enjoyed above-normal temperatures and plenty of sunshine during Grey Cup weekend in Calgary. Temperatures rose to 10° on the 27th, which was pleasant compared to the previous weekend when snow and cold temperatures had plagued the CFL playoffs in Calgary.

27

Weather Quiz
Of the following, who did not begin their career as a weathercaster?
(a) Suzanne Sommers
(b) David Letterman
(c) Pat Sajak
(d) Diane Sawyer
(e) Danny De Vito
(See inside front cover for answer.)

28

1988
In southwestern Yukon, 2 days of heavy snowfall followed by rain created havoc when it froze on the highways. The Alaska Highway and Haines Road were closed through Haines Junction due to a record, 24-hour snowfall for November of 50 cm. Avalanches closed the Klondike Highway south of Whitehorse to Skagway for 3 days.

29

1867
The ship *Stag* dropped anchor in the St. Lawrence, near Trois-Pistoles, during a gale. Ice surrounded the ship, cutting its bow the following day. It sank two days later, taking with it a load of grain and 300 tonnes of government rifles.

30

First Quarter

Full Moon

NOVEMBER

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

December

JANUARY

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>1944 The first heavy storm of winter struck much of southern Ontario. Winds created snowdrifts 1 to 1.5 m high and turned highways into sheets of ice. For the first time in its history, the London Street Railway bus service had to quit operating due to snow.</p> <p style="text-align: right;">1</p>	<p>1799 The last shipwreck of the 18th century to occur on Sable Island was the <i>Francis</i>. While carrying 40 people from England to Halifax, a "hurricane" drove the ship onto one of Sable's shoals and broke it up. All perished.</p> <p style="text-align: right;">2</p>	<p>1985 Southern districts of Ontario and Québec cleaned up following a violent windstorm that buffeted central Canada on the 1st and 2nd. Winds piled up water at the eastern end of Lake Erie and this, combined with 4-m waves, caused extensive flooding. The storm swept into Québec on election day, bringing a wave of bad weather.</p> <p style="text-align: right;">3</p>	<p>Weather Quiz <i>In Nova Scotia, a fungus is:</i> (a) a fish stew (b) a foggy, windy day (c) an old, unseaworthy ship (d) a deep blueberry pie (e) a day with freezing rain (See inside front cover for answer.)</p> <p style="text-align: right;">4</p>	<p>1993 Cross-border shoppers were stranded in North Dakota as a storm with snow and freezing drizzle caused the closure of highway I-29.</p> <p style="text-align: right;">5</p>	<p>1867 A severe windstorm in southwestern Ontario sank the steamer <i>Hera</i> and grounded the <i>River King</i> in the St. Clair River. The wind caused considerable damage to buildings in London, Hamilton, and Toronto. In London, a large tree crashed into a school shortly after the teacher dismissed the children early.</p> <p style="text-align: right;">6</p>	<p>1867 "A poor unfortunate man ... was assisting in the slaughtering of some hogs ... and on his way home with a butcher's knife in his pocket he slipped on the ice on the street and fell, the knife entering his side and causing death in half an hour ..." <i>The Woodstock Sentinel</i>, Ontario</p> <p style="text-align: right;">7</p>
<p style="text-align: center;">Last Quarter</p>					Hanukkah	
<p>1994 The first major storm of the winter season struck eastern Newfoundland beginning the night of 7 December. St. John's received 24 cm of snow and 39 mm of rain, with wind gusts up to 126 km/h. Sagona Island in Fortune Bay recorded the peak gust at 158 km/h. Wet snow combined with strong winds brought down power and telephone lines. For a while, 50,000 homes were without power, most of which was not restored for 48 hours.</p> <p style="text-align: right;">8</p>	<p>1937 Parts of London and Lambton County, ON, were left isolated, following 7 consecutive days with snow, amounting to 23 cm. Mail couriers and doctors were in need of horse-drawn cutters, and workers were being offered as much as \$1 an hour to clear the roads.</p> <p style="text-align: right;">9</p>	<p>1993 At Victoria, winds over 90 km/h disrupted island ferry service for the second time in a week. The wind also blew building materials from a roof onto pedestrians below and caused a brick wall under construction to collapse onto parked cars. Local power outages were common.</p> <p style="text-align: right;">10</p>	<p>1992 A near-record snowfall of up to 60 cm buried southern Ontario between London and Ottawa on the 10th and 11th. Trees and power lines were downed, schools and businesses closed, and transportation severely disrupted. The Metro Zoo closed for the first time in its 18-year history, and the Ontario Science Centre closed early for the first time in its 23-year history.</p> <p style="text-align: right;">11</p>	<p>1927 The worst snowstorm in a decade hit the Vancouver area on the 11th. Between the 7th and the 15th, a series of 3 storms plastered the city with almost 65 cm of snow. Six snowsweepers used over 4 tonnes of Java swamp cane to clean the streetcar tracks.</p> <p style="text-align: right;">12</p>	<p>1983 The worst ice storm in 22 years struck southern Québec. Hydro lines collapsed under the weight of ice, leaving half a million customers without electricity for 36 hours or more in Montréal. Surfaces were covered with slush, ice, and water from a deluge of 67 mm.</p> <p style="text-align: right;">13</p>	<p>1867 "It is now all but certain that the good and benevolent people of the Niagara Peninsula, as well as the scallywags and sinners, and those who take, read, and appropriate newspapers without paying for them, will soon be favoured with some good sleighing ... It has also been snowing since Saturday, one flake every minute, and if it keeps on will certainly cover the ground before spring..." <i>The Evening Journal</i>, St. Catharines</p> <p style="text-align: right;">14</p>
<p style="text-align: center;">New Moon</p>						
<p>1964 The "Great Blizzard" struck parts of the Prairie provinces with heavy snow, sustained winds of 50 to 90 km/h, and bitterly cold -34° temperatures. Lost livestock numbered over 1,000, and 3 people froze to death.</p> <p style="text-align: right;">15</p>	<p>1876 From the <i>Winnipeg Free Press</i>: "Travelling on the plains was impossible and in the city was attended with the very greatest difficulty. The fine snow was so blinding that even in the city citizens lost their way."</p> <p style="text-align: right;">16</p>	<p>1990 The 20-m longliner, <i>Strails Pride II</i>, sank about 75 km northeast of St. John's. Winds were from the southeast at 83 km/h, and seas were rough. Three of the 6 crew members were rescued. Eight other seamen died after the <i>Nadine</i>, a 30-m dragger, sank in the Gulf of St. Lawrence near the Magdalen Islands.</p> <p style="text-align: right;">17</p>	<p>1990 A major winter storm swept across northeastern British Columbia and most of Alberta over the 17th and 18th. On the 19th, Grande Prairie set a daily record low of -45°. Blizzard conditions lasted up to 8 hours in northern regions. Wind chill warnings were in effect for central Alberta as temperatures hovered around -30°. Edmonton set new 1-hour and 1-day records for electrical consumption.</p> <p style="text-align: right;">18</p>	<p>1993 The average temperature in the Yukon was 15 to 20° above normal over the 18th and 19th. Record daily high temperatures were set at Haines Junction (10.7°), and Burwash Landing (8.1°), and tied at Whitehorse (4.5°). Haines Junction was actually the warmest spot in Canada on the 19th.</p> <p style="text-align: right;">19</p>	<p>1985 During the last 2 weeks of 1985, fog blanketed the western half of British Columbia, disrupting transportation and forcing thousands to cancel holiday travel plans. Vancouver had 16 days of fog in December; the normal number is 6.</p> <p style="text-align: right;">20</p>	<p>1973 High winds, warm temperatures, and over 50 mm of rain from the 20th to the 22nd caused ice jams and flooding throughout New Brunswick. In southwestern areas, strong winds caused power failures and downed trees.</p> <p style="text-align: right;">21</p>
<p style="text-align: center;">First Quarter</p>						Winter Solstice 09:06 EST

1994
Above-normal temperatures prevailed across all of North America on the first day of winter. It is very unusual for all major cities in Canada to be reporting above-freezing temperatures on the same winter day. For residents of southern Ontario, balmy temperatures removed any hope of a white Christmas.

22

1853
Beginning shortly after dark, a southeast gale struck Prince Edward Island with hurricane-force winds, felling trees and buildings by the score. The *Islander* reported, "We regret to have to record the most disastrous storm ever experienced in the Colony."

23

1993
Whitehorse received 12 cm of snow and temperatures hovered near the freezing mark on Christmas Eve. While not a record, the timing was incredible. Earlier in the week, the lack of snow in the area had caused the postponement of the official opening of a new downhill ski-lift near the city.

24

1939
Winnipeg experienced its second "green" Christmas this century; the first one being in 1913. Under warm sunshine, the thermometer was 10° above zero, tempting golfers and bowlers to the greens and tennis players to the courts. The unseasonable weather did not dampen the yuletide spirit. The city sparkled with Christmas lights, and the mild weather brought a throng of country visitors into Winnipeg.

25

1937
The lower Fraser Valley of British Columbia was in the midst of a 3-day snowstorm that crippled the area. Electric power outages were common as distribution substations and hydro lines were knocked out or damaged. Chilliwack received 76 cm of snow.

26

1990
A vicious blizzard worked its way down from the Peace River district to the Alberta-United States border with strong winds, bitterly cold temperatures, and drifting snow. The blizzard lasted 14 to 17 hours in the Coronation and Medicine Hat regions. The storm stranded thousands of motorists across the province. Road-clearing crews battled against drifting snow and extreme cold. At -40°, it was so cold that pieces chipped off the blades of the road graders.

27

1969
Montréal experienced a record snowfall from the 26th to the 28th. During a 60-hour storm, 70 cm of snow fell, snarling traffic for days. Storm-related deaths numbered 15. Apart from 3 flights to the Caribbean, no aircraft departed from Montréal Dorval. High winds, drifting snow, and freezing temperatures hampered firefighters as they battled a rash of fires.

28

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

29

1992
A cold snap since Christmas Day left Edmonton enveloped in a thick, grey fog formed when water vapour from heating systems turned into ice crystals in the frigid air. The ice fog was so thick in parts of the city that Edmontonians rarely saw the sun. One woman claimed, "It's so cold my hair spray froze on the way to work."

30

1775
In a howling snowstorm, defenders at Québec City repulsed a predawn attack by a force of nearly 2,000 Americans led by Benedict Arnold.

31

Full Moon

Christmas Day

Boxing Day

January – (a) snowblindness
February – (a) lightning
March – (a) altocumulus lenticularis
April – (d) Honolulu
May – (e) 200-km/h — tornado force
June – (e) none of the above
July – (d) Canada
August – (c) Manitoba
September – (e) Antarctica
October – (c) a large hailstone
November – (e) Danny De Vito
December – (d) a deep blueberry pie

Quiz appears in calendar grids —
a different day each month.

*Weather Quiz
Answers*