

Colorado fires brought Bow Valley rain

LYNN MARTEL CANMORE

Responding to some concerns shared by one of his post-doctoral students, Canmore resident Dr. John Pomeroy was driving around town at midnight as Wednesday rolled into Thursday, June 20.

As director of the University of Saskatchewan's hydrology department and Canada research chair in water resources and climate change, Pomeroy and his team have been maintaining streamflow and snowmelt research sites in Kananaskis Country for the past decade. Located 45 minutes' drive east of Canmore, the researchers' sites were established by the federal government in the 1960s and then shut down in the 1980s.

"I wanted to see what was happening at Cougar Creek, so I went to the upper and lower parts within Canmore," Pomeroy said. "I had suggested recently that it was at high risk and knew that the storm was massive and so likely to cause flooding."

Fortunately, the Town of Canmore already had diggers moving boulders in place in effort to channel the rapidly rising Cougar Creek flow.

It might almost seem ironic that as Colorado residents struggle through intense and destructive forest fires, the storm that flooded Canmore and a massive swath of southern Alberta originated in that U.S. state.

Sucking up warm, humid air from the central US, the storm travelled north then stalled around the Montana/Alberta border. There it rotated counter-clockwise,

trapped between the Rockies and a high pressure system to the north, and so its winds blew toward the west — opposite the prevailing direction. This forced the clouds to rise and cool, which then squeezed the moisture out of them — an event known as a cold low.

"Cold lows cause most floods in the Alberta foothills," Pomeroy said.

Conditions on the ground added to the destructive force of the storm in several ways. Since rain had already fallen for a couple of days previous to its arrival, the soil was saturated. In some places frozen ground was recorded just 50 centimetres down that was unable to absorb the rain. Also at higher elevations, plenty of the winter — and late spring — snowpack remained. Once the rain fell on the snow, the relatively warm humid air associated with rain condensed on the snowpack and released large amounts of energy which melted the snow very rapidly. Strong winds (felt as far as Golden, B.C., two hours' drive northwest) helped this process.

At the same time, the rainfall from the storm was unusually heavy for the Rockies. As it fell on quickly saturating and/or snow-covered slopes, gravity pushed the water overland, creating new channels with enough force to take enormous obstacles with it — from boulders to old-growth trees to backyard sheds and hot tubs, and downstream from Canmore, even houses.

But, while Cougar, Carrot, Stoneworks and Exshaw creeks all flooded, the Bow

River did not flood in Canmore, Pomeroy pointed out. The intense rainfall however, did raise groundwater levels, flooding parts of central Canmore.

By the time Alberta Environment issued a Flood Warning at 8:45 a.m. for tributaries of the Bow River upstream of Calgary, including Cougar Creek, residents whose houses were on the verge of tumbling into the massive, raging torrent had fortunately been evacuated by the town more than three hours earlier.

Despite the fact that hundreds of houses have been built on the Cougar Creek alluvial fan in the last 25 years, and that the country's main transportation corridors, the Trans-Canada Highway and the CP Railway cross directly in its path, neither the Province nor the federal government maintain any real-time gauges in Cougar Creek — or many other equally significant tributaries of the Bow River.

"Cougar Creek was ungauged and also had no weather station in it," Pomeroy said. "There was no direct information on what was coming down the creek."

By extension, there was no information coming from on Exshaw Creek, Carrot Creek, Three Sisters Creek or Stoneworks Creek.

"The Town was on the spot," Pomeroy said. "But there are no weather stations or stream gauges in the Cougar Creek watershed and there are relatively few high elevation stations around it. As a result, there is limited capacity to monitor what's happening in tributaries such as Cougar Creek."

Add to that, Alberta's government has been dragging its heels and shelving studies and recommendations concerning flood-related research and mapping for decades. Successive Alberta governments have not just permitted, but encouraged building on flood plains — or in the case of Cougar Creek, alluvial fans.

"It (flooding) was guaranteed to happen," Pomeroy said. "It's been happening there for the last 10,000 years. It's all alluvial fan."

Building in flood plains is irresponsible, Pomeroy said, adding that as climate change is predicted — and is already creating — heavier rains, more precipitation falling as rain instead of snow and rain falling on top of snow, patterns that are different to what we've become accustomed to enjoying over the past 100 years, flood awareness and mitigation are becoming increasingly crucial priorities.

Alberta, he said, has simply not been built to accommodate future — and obviously present — climate conditions.

On top of that, Canada's federal and provincial governments have not established adequate co-ordinated weather and climate-related information gathering and sharing.

"It would be good if they worked together in a more co-ordinated manner to ensure integrated weather and flood forecasts, updated mapping of flood plains, increased flood defenses along vulnerable creeks as well as the big rivers, and implemented multiple objective reservoir management so our dams are operated for flood protection as well as hydroelectricity, and dealt with the causes of climate change in a more effective manner," Pomeroy said.

ELECTION WAS A FRAUD. THE PRESS FROM DAY ONE SABOTAGED ME AND I WAS DISCRIMINATED 100% WITH NOT GETTING ONE LINE IN THE NEWSPAPER OR I MINUTE ON TV LIKE EVERYBODY ELSE. THEY WERE SAYING ABOUT ME THAT I AM RUNNING A LOW BUDGET CAMPAIGN AND I GOT 280 000 PEOPLE TO SEE MY WEBSITE. THEY EVEN SAID THAT MY WEBSITE IS THE WORST WEBSITE OF ALL THE CANDIDATE WEBSITES AND THAT DAY I GOT A RECORD 41 000 PEOPLE LOOKING AT MY WEBSITE AND THE COMMENTS I GOT WERE THAT IT IS A VERY CONSTRUCTIVE WEBSITE. THIS IS ELECTION FRAUD BECAUSE I WILL NEVER KNOW HOW MANY PEOPLE VOTED FOR ME.

AT LAST THANK YOU

www Statistics for: 2 websites

Reported period Month Oct 2013
First visit 01 Jan 2013 - 02:37
Last visit 08 Nov 2013 - 22:47

Month	Unique visitors	Number of visits	Hits
Sep 2013	1386	1677	2237
Oct 2013	3174	4295	7060
Sep 2013	438	529	793
Oct 2013	2481	3325	4923

CHANGE IS ALWAYS ON MY MIND

ELECT MILAN PAPEZ FOR MAYOR
We must change our political landscape in Calgary. We must create more plebiscites for Calgarians to get more involved in city politics. A plebiscite for secondary suites is excellent example.

Budget cuts by City of Calgary, Government of Alberta and Government of Canada put the City of Calgary into crisis. Harvard educated professor mayor Nenshi turned Calgary's crisis into a total catastrophe. Mayor Nenshi, parachuted into City Hall is telling us all beautiful fairy tales and City Council is doing nothing but listening to the mayor Nenshi bedtime stories. Mayor Nenshi knows nothing about anything and City Council is always out to lunch. We now have C-trains jammed up on 7th avenue, our freeways Deerfoot Trail and Crowchild Trail are parking lots and every street is a traffic jam. We have a six-lane tunnel at Airport Road that goes nowhere. The city limits end at 68 street east because of the sour gas wells and the tunnel goes nowhere but to mayor Nenshi's back yard.

At one of the council meetings, I told Mayor Nenshi and City Council and I even gave it to them in writing.

A. Not to waste 500 million dollars on the airport tunnel when 68 street is the city limits and will be for a very long time because of the sour gas wells instead of finally finishing the C-train tunnel downtown that we desperately need.

We now have an airport tunnel that is a monument to Mayor Nenshi's stupidity.

B. How to increase the C-trains capacity at no cost which is done every 3rd or 4th C-train to turn around at Anderson and Brentwood and not continue to the end of the line empty. By doing this we will simply add 3 or 4 trains into operation every hour.

C. To improve traffic congestion on Deerfoot and Crowchild trails and limit the amount of cars in downtown Calgary we must demand from the province to pay for a single track of C-train to run from the last station in Calgary to Okotoks, Airdrie, and Cochrane. We should also be talking with the railways to run trains to these towns.

Mayor Nenshi and city council have failed to protect Calgarians today and in the future from floods. We could have prevented this flood damage by simply following the strategy developed by the government of Alberta in the 1970's. Firstly no one will build on the flood plains and secondly relocate everybody from the flood plains. A trailer home park and many homes already been moved in Calgary. The cancellation of this project because of budget cuts so we save a few dollars on our taxes only to pay out billions for our mistake.

The multimillion-dollar disaster control center is a total failure because of provincial and federal governments who do not have a weather and climate monitoring in Banff, Canmore and Kananaskis areas because of budget cuts, Mayor Nenshi and City Council should jump 10 feet high and demand that this must change immediately.

The Alberta emergency alarm started for the City of Calgary at 08:45 am. However, the diggers were digging dikes in Canmore at supertime the night before. The evacuation order went out at midnight for Canmore and the flood washed the first homes away. The 08:45 am alarm for Calgary is a criminal act by the Government of Alberta and issuing building permits in the flood plains is the biggest fraud in Calgary's history.

We must immediately begin a nonstop negotiation with provincial and federal governments to establish adequate coordinated weather and climate related information gathering and sharing.

We must have mandated operational procedure for railway transporting dangerous, poisonous and flammable goods through Calgary so Calgary will not turn into a Hiroshima. My major objective is to change the spending habits of city hall on projects we do not need and to improve transit and traffic congestion. I moved to Calgary in 1968. I worked in the development of commercial properties and I am currently working in sales and promotion. My roots are in Calgary, if elected my commitment will be to the people.

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MILAN

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MAYORS: Campaigns to unseat Nenshi

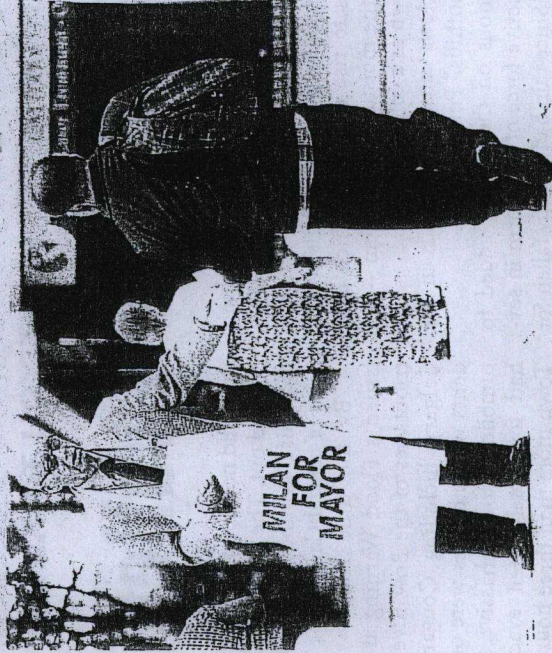
■ Milan Papez Sr. — Cal-

garians may have seen Papez around, handing out his campaign pamphlets to downtown passersby. His one-sheet brochure calls floodway building "the biggest fraud in Calgary's history," and decries LRT construction and the \$295-million Airport Trail tunnel.

"Mayor Nenshi knows nothing about anything and city council is still out to lunch," Papez's brochure reads.

The salesman and his son have for years wandered downtown Calgary sidewalks on various advocacy campaigns. In 2002, the Alberta Human Rights Commission ruled one Papez pamphlet was "virulently anti-Semitic and anti-Asian." Papez has recently demonstrated against Nenshi, wearing a shirt that claims the mayor is "brainwashing" people. "Why deny it? We are fighting for the rights of the people," Papez said, explaining that his key beef is the airport tunnel.

Colleen De Neve/Calgary Herald
Calgary mayoral candidate Milan Papez says in his campaign pamphlets that "city council is out to lunch."



or in Canada has never published or reported our side of the story, ever. The fact that the Human Rights Commission never accepted our defense and the fact that we wrote and produced a play about the Holocaust the Human Rights Commission never accepted our defense and their ruthless fraudulent decision had catastrophic affect on my whole family especially my children. The fact remains that mayor Nenshi was brainwashing Calgarians by building an airport tunnel going nowhere except to Nenshi's backyard and he was only pretending to take good care of the flood when the Alberta Emergency Alarm was 12 hours late at 08:45 AM. As of today, we still have nobody monitoring the flow of water in the mountains. Nenshi does not even know that the flood was fueled by fires in Colorado. The selling of land for profit in the flood plains is a crime. The issuing of building permits in the flood plains is a crime. The fraudulent 2002 Alberta Human Rights Commission decision of my son and me being anti-Semitic and anti Asian is a crime.

Jon Lord is a candidate for mayor who is guilty by association of crimes committed by the City of Calgary when the city issued building permits in the flood plains and by the Alberta Governments crimes against humanity with the torturing of 20 000 people with schizophrenia and torturing their families with nowhere to go. Jon Lord should be in a maximum-security prison for his crimes. Mayor Nenshi and the whole city council should be in a maximum-security prison for issuing building permits in the flood plains exactly the same punishment that Prime Minister Harper wants for the not criminally responsible. Sending people to prison Prime Minister Harper who are not criminally responsible is a crime against humanity and for that, you Prime Minister Harper should be in a super-maximum-security prison.



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