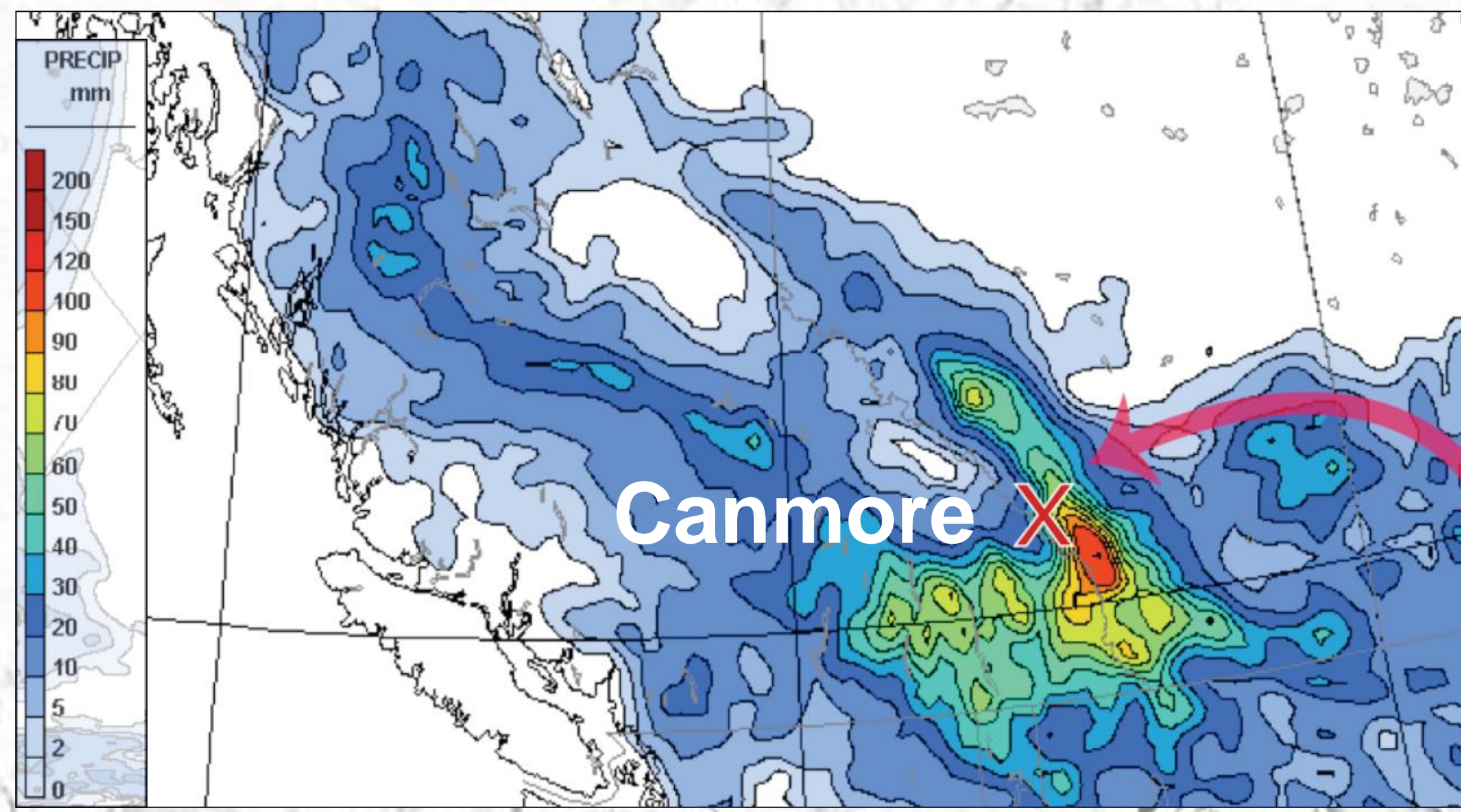
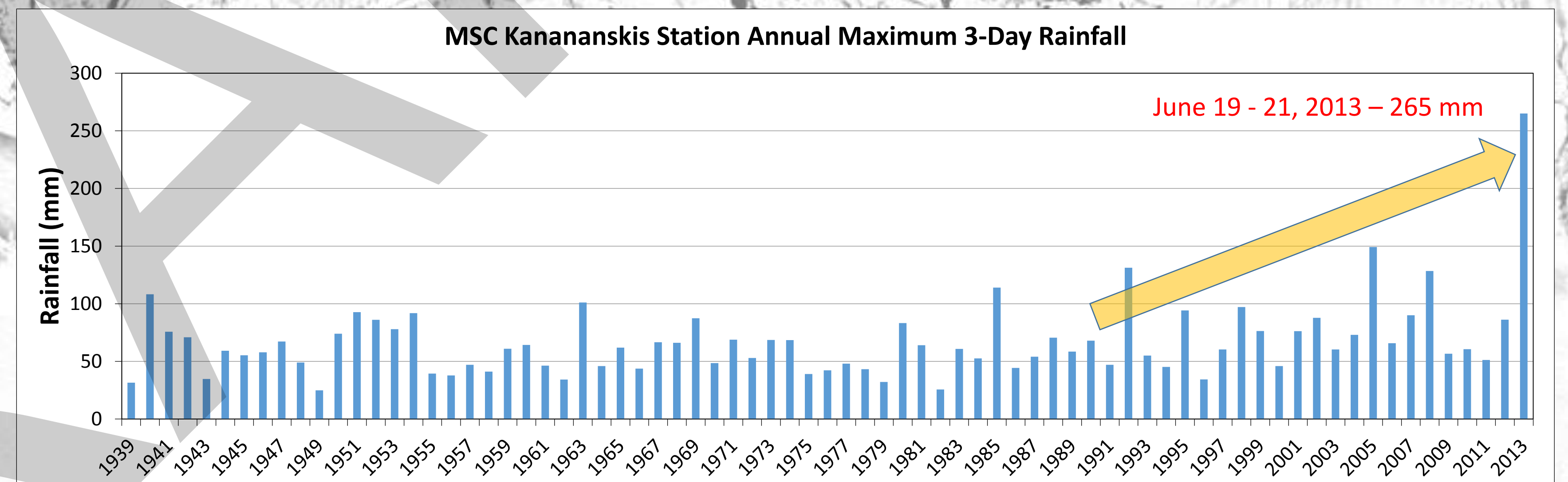
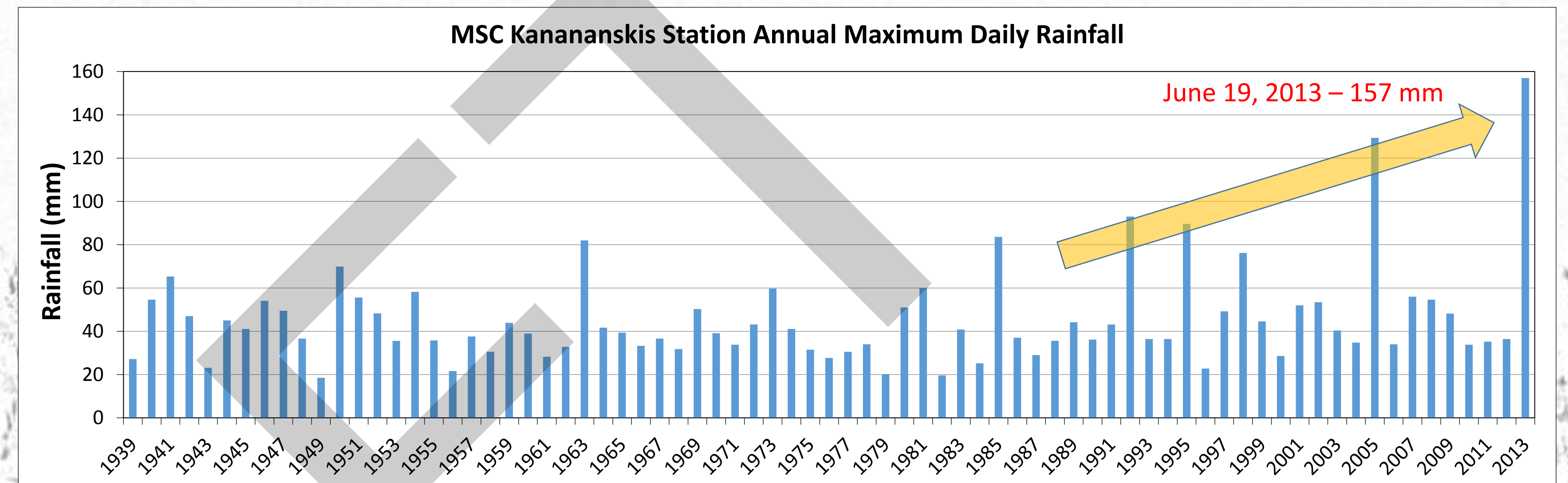


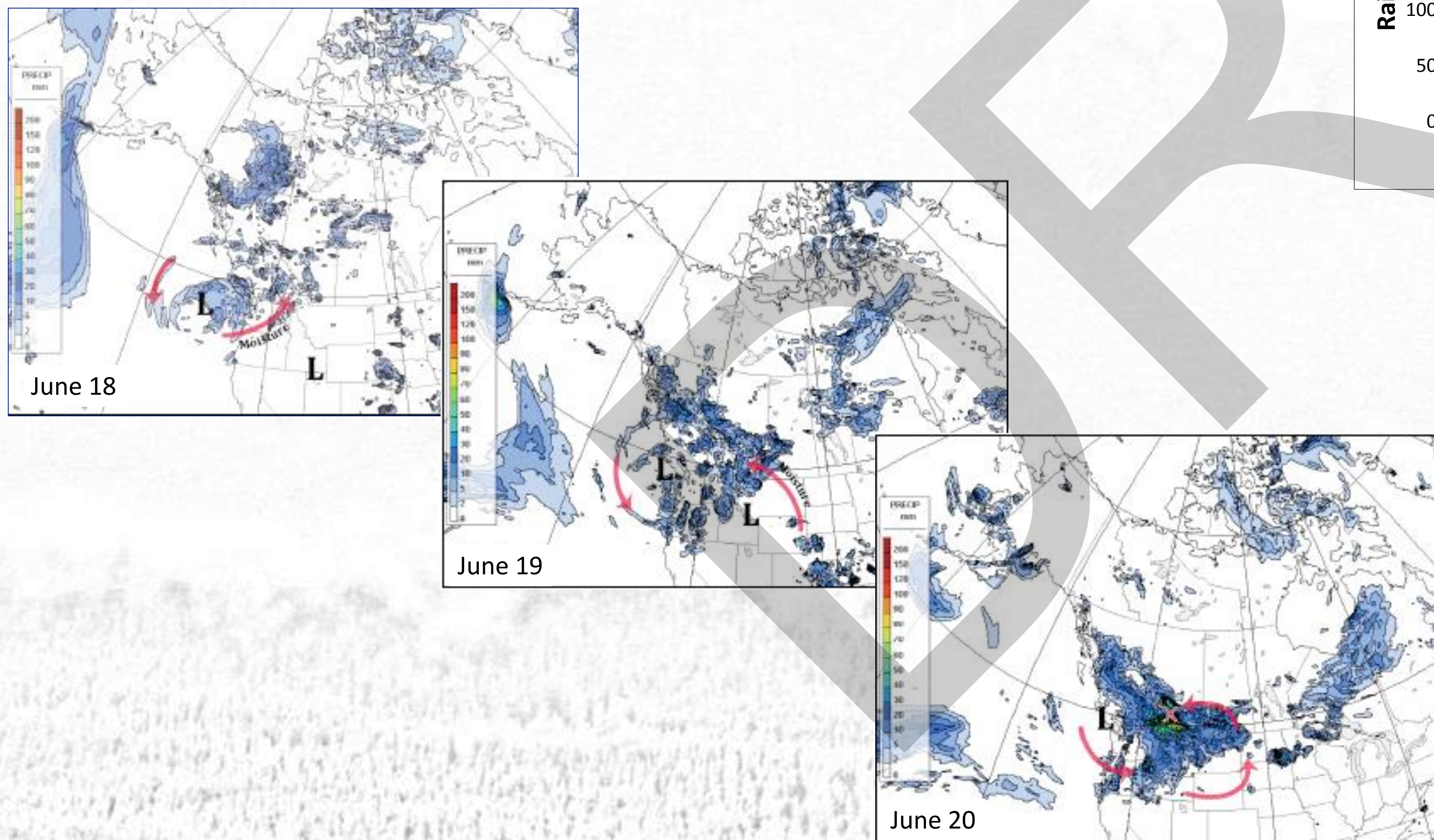
Rainfall on June 19 - 21, 2013



24-hour accumulated precipitation on June 20, 2013.



Three low pressure systems interacted to cause the heavy precipitation in the Canmore region during June 19-21, 2013. The event was rare and extreme because of its long duration and associated large rainfall volume but not in terms of short term rainfall intensity. This resulted in flooding that carried considerable volumes of creek material and significantly eroded the creek banks.



The Meteorological Service of Canada (MSC) Kananaskis weather station is located 22 km east-southeast of the Cougar Creek fan at 1391 m above sea level. The one-day annual maximum total rainfall had an estimated return period of 235 years. The three-day rainfall had an estimated return period of 750 years. Rainfall volume for the Cougar Creek watershed was estimated to be 9.1 Mm³ between 06:00 June 19, 2013 to 06:00 June 22, 2013.