

Weather type	500 hPa pattern	Surface temperature anomaly	Diurnal temperature range	Pressure anomaly	Wind direction	Relative humidity	Specific humidity
Cold dry (CD)	strong trough	strong negative	low–average	positive	N/NE		low
Chinook (Ch)	ridge	strong positive			W/SW strong	low	
Cold-front transition (Tr)	variable		high		variable		
Cool wet (CW)	large cyclone in southern Alberta	negative	low	negative	E/SE	high	high
Warm, high-pressure (Ht)	strong ridge	positive	high	positive	S/SW light		high