

Screen D Instrument 8

Winter 2026

DATE	TIME	TEMPERATURE			HUMIDITY			PRECIPITATION			SKY Condition & CLOUD						WIND				PRESSURE			COMMENTS										
		Max Temp. (°C)	Min Temp. (°C)	Present Air Temp. (°C)	Wet bulb Temp. (°C)	Dry bulb Temp. (°C)	F = wick is frozen	Ruler measurement (mm)	Snow Depth (mm)	Snow Water Equivalent (mm)	Rain gauge (mm) T = Trace	M = from melted rain gauge	SKY	low	mid	high	Amount (8ths)	low	mid	high	Cloud type: Use 2-letter cloud abbreviations; double dashes are for layers you cannot see.	Visual Observation	UNBC Weather Station		Barometer (mm Hg)	Barometer Temp. (°C)	Corrected Pressure (hPa)							
Entered from earliest to latest date & time		Each student calculates their own e (hPa) RH% A = Assmann B = Bacharach W = Weksler											Each student calculates their own SWE values from recorded observations.											Each student calculates their own pressures from recorded observations.										
Feb 24	08:10	-4.5	-10.0	-5.5	3.8	F 4.0	0.0	0.0	T	M	OVC	8	4	--	--	--	4	ST	--	--	--	SW	4	214.9	693.0	21		light snow						
Feb 24	12:10	-2.0	-5.0	-2.0	-4.5	U -0.5	2	2	T	M	OVC	8	8	--	--	--	8	ST	--	--	--	S	6	191.9	691.4	22		light snow						
Feb 24	16:05	-0.0	-2.0	0.0	-0.1	F 0.5	15	15	1.2	M	OVC	8	8	--	--	--	8	ST	--	--	--	SW	3	199.2	689.5	21		light snow						
Feb 25	07:48	0.0	-1.5	-0.5	-0.1	F 0.0	108	108	9.4	M	OVC	8	8	--	--	--	8	ST	--	--	--	S	3	190	685.9	21		spitting snow on and off						
Feb 25	12:27	0.5	1.5	0.5	0.6	U 2.6	0	0	0	T	OVC	8	8	--	--	--	8	ST	--	--	--	S	2	197	685.4	22								
Feb 25	16:02	2.0	0.0	1.5	-0.1	U 0.3	0.0	0.0	0.0	--	OVC	4	4	--	--	--	4	ST	AS	--	--	SW	3	210.6	685.9	21		good visibility,						
Feb 26	07:55	3.5	-1.0	0.5	-0.5	F 1.0	0.0	0.0	T	M	FEW	1	1	--	--	--	1	Sc	AC	--	--	S	3	214	686.4	21		Variable winds light snow						
Feb 26	12:10	4.0	-1.0	0	-0.5	U 0	0.0	0.0	0.0	--	OVC	8	8	--	--	--	8	ST	--	--	--	W	2	264	689.1	21		variable wind spitting snow						
Feb 26	16:10	-0.0	-2.0	-2.0	-0.1	F -0.1	31	31	1.6	M	BKN	4	4	--	--	--	4	St	AC	--	--	W	2	241	692.1	22		light snow						
Feb 27	07:41	1.0	-5.0	-4.5	-3.8	F -3.8	72	72	4.8	M	OVC	8	8	--	--	--	8	ST	--	--	--	E	0	131	695.5	21		light snow						
Feb 27	12:15	-1.0	-4.5	-1.0	-2.1	F -1.4	15	15	0.6	M	OVC	8	8	--	--	--	8	St	--	--	--	SE	1	140	696.2	22		light snow						
Feb 27	16:05	0.0	-2.0	-1.5	-1.1	F 0.8	1	1	0.0	M	BKN	7	7	--	--	--	7	St	AS	--	--	SW	1	242	697.9	21		Snow stopped						

DO NOT REMOVE -- LEAVE DATA SHEET WITH CLIPBOARD AT ALL TIMES