

SNOW LOADS

MUNICIPAL or RURAL AREA	GROUND SNOW LOAD (kPa)		TOTAL	GROUND SNOW/RAIN LOAD psf	DESIGN LOAD		ELEVATION		LATITUDE and LONGITUDE	
	S(s)	S(r)			kPa	psf	Metres	Feet		
BRISCO	2.8	0.2	3.0	63	1.7	36	794	2605	50° 116°	50'N 16'W
BULL RIVER	2.7	0.2	2.9	61	1.7	35	754	2478	49° 115°	28'N 27'W
CANAL FLATS	2.5	0.2	2.7	56	1.6	33	818	2683	50° 115°	9'N 49'W
COLUMBIA LAKE	2.5	0.2	2.7	56	1.6	33	810	2657	50° 115°	25'N 55'W
CRANBROOK	3.0	0.2	3.2	67	1.8	39	918	3013	49° 115°	30'N 46'W
EDGEWATER	2.7	0.2	2.9	61	1.7	35	797	2614	50° 116°	42'N 8'W
ELKFORD	3.7	0.3	4.0	84	2.3	49	1273	4175	50° 114°	1'N 55'W
ELKO	3.6	0.2	3.8	79	2.2	46	941	3086	49° 115°	18'N 7'W
FAIRMONT	2.5	0.2	2.7	56	1.6	33	810	2658	50° 115°	19'N 52'W
FERNIE	4.5	0.2	4.7	98	2.7	56	1012	3320	49° 115°	30'N 4'W
FERNIE SKI HILL	5.8	0.3	6.1	127	3.5	73	1372	4502	49° 115°	30'N 10'N
FORT STEELE	2.5	0.2	2.7	56	1.6	33	770	2525	49° 115°	37'N 38'W
GALLOWAY	3.3	0.2	3.5	73	2.0	42	869	2850	49° 115°	22'N 14'W
GRASMERE	2.7	0.2	2.9	61	1.7	35	832	2730	49° 115°	5'N 6'W
HOSMER	4.1	0.2	4.3	90	2.5	51	1049	3440	49° 114°	35'N 57'W
INVERMERE	2.5	0.2	2.7	56	1.6	33	825	2707	50° 116°	31'N 2'W
JAFFRAY	2.7	0.2	2.9	61	1.7	35	825	2705	49° 115°	22'N 18'W
KIMBERLEY	4.4	0.2	4.6	96	2.6	54	1300	4265	49° 115°	41'N 59'W
MEADOWBROOK	3.8	0.2	4.0	84	2.3	48	1219	3984	49° 115°	41'N 59'W
MOYIE	2.7	0.2	2.9	61	1.7	35	930	3050	49° 115°	17'N 50'W
NATAL	3.8	0.2	4.0	84	2.3	48	1134	3720	49° 114°	43'N 51'W
PANORAMA	2.8	0.2	3.0	63	1.7	36	1067	3501	50° 116°	32'N 8'W
RADIUM HOT SPRINGS	2.7	0.2	2.9	61	1.7	35	900	2953	50° 116°	38'N 4'W
ROOSEVILLE	2.7	0.2	2.9	61	1.7	35	823	2700	49° 115°	0'N 3'W
SKOOKUMCHUCK	2.4	0.2	2.6	54	1.5	32	797	2615	49° 115°	55'N 44'W
SPARWOOD	3.8	0.2	4.0	84	2.3	48	1140	3740	49° 114°	43'N 53'W
SPILLIMACHEEN	2.8	0.2	3.0	63	1.8	37	793	2600	50° 116°	54'N 22'W
TA TA CREEK	2.4	0.2	2.6	54	1.5	32	884	2900	49° 115°	47'N 46'W
WARDNER	2.7	0.2	2.9	61	1.7	35	750	2460	49° 115°	24'N 26'W
WASA	2.4	0.2	2.6	54	1.5	32	773	2535	49° 115°	46'N 44'W
WILMER	2.7	0.2	2.9	61	1.7	35	878	2880	50° 116°	32'N 4'W
WINDERMERE	2.5	0.2	2.7	56	1.6	33	857	2810	50° 115°	28'N 58'W
WYCLIFFE	3.0	0.2	3.2	67	1.8	39	884	2900	49° 115°	36'N 51'W

DEFINITIONS: Snow Component - S(s) Rain Component- (S(r)) Kilopascal – kPa Pounds per Square Foot - psf