

Appendix 500.1

Wind Pressure Tables

REGION	LOCATION / CITY	10 YEARS*	25 YEARS**	50 YEARS***
1	ABBOTSFORD	415	530	620
1	AGGASIZ	570	675	755
1	CAMPBELL RIVER	455	560	640
1	CHILLIWACK	475	605	715
1	COMOX	445	555	645
1	COURTENAY	445	555	645
1	DUNCAN	485	565	625
1	HANEY	360	420	470
1	HOPE	405	525	625
1	LANGLEY	360	430	480
1	MISSION CITY	465	580	675
1	NANAIMO	470	560	635
1	NEW WESTMINSTER	360	420	470
1	NORTH VANCOUVER	360	430	480
1	PORT ALBERNI	470	560	630
1	PORT HARDY	485	565	625
1	PORT McNEILL	485	565	625
1	POWELL RIVER	420	530	620
1	QUALICUM BEACH	460	560	640
1	RICHMOND	360	430	480
1	SIDNEY	460	535	595
1	SQUAMISH	380	480	560
1	TOFINO	540	615	675
1	VANCOUVER	360	430	480
1	VICTORIA	475	560	630
2	100 MILE HOUSE	305	355	390
2	ASHCROFT	280	340	385
2	CACHE CREEK	285	340	380
2	CASTLEGAR	225	285	335
2	CRANBROOK	225	280	325
2	FERNIE	325	410	480
2	GOLDEN	270	310	345

NOTE:

* USE 10 YEAR RETURN PERIOD FOR SIGNS MOUNTED ON THE SIDE OF THE ROADWAY.
(I.E. BREAKAWAY, WOODPOST, ROUND AND SQUARE STEEL POSTS, ETC.)

** USE 25 YEAR RETURN PERIOD FOR SIGNAL AND LUMINAIRE POLES.

*** USE 50 YEAR RETURN PERIOD FOR SIGNS MOUNTED OVERHEAD.
(I.E. SIGN BRIDGES, CANTILEVERS, H POLES, DAVIT SIGN POLES, ETC.)



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No.	Revision	Date	HOURLY MEAN WIND PRESSURES (IN PASCALS) FOR THE PROVINCE OF BRITISH COLUMBIA	
F			Date _____ Approved _____	
E				
D	LANGLEY WIND PRESSURES REVISED	JUNE04	30/09/93 E.L. (Signature on File) Chief Highway Engineer	DRAWING No. 500.3-5.1
C	REGION NUMBERS REVISED	NOV03		
B	REGION 1 WIND PRESSURES REVISED	NOV00		
A	PREVIOUSLY IN CONSTRUCTION STANDARDS	SEPT96		

REGION	LOCATION / CITY	10 YEARS*	25 YEARS**	50 YEARS***
2	GRAND FORKS	265	345	415
2	GREENWOOD	285	375	445
2	KAMLOOPS	305	360	405
2	KELOWNA	340	410	470
2	KIMBERLEY	225	280	325
2	LILLOOET	315	380	430
2	LYTTON	310	380	435
2	MERRITT	315	380	430
2	NAKUSP	235	285	330
2	NELSON	225	280	325
2	OSOYOOS	300	405	495
2	PENTICTON	395	505	590
2	PRINCETON	240	310	365
2	REVELSTOKE	240	285	315
2	SALMON ARM	285	340	380
2	TRAIL	170	230	280
2	VERNON	315	380	430
2	WILLIAMS LAKE	295	340	375
3	BURNS LAKE	305	355	390
3	CHETWYND	320	370	405
3	DAWSON CREEK	310	365	400
3	FORT NELSON	190	230	265
3	FORT ST. JOHN	305	350	385
3	KITIMAT	380	440	485
3	MACKENZIE	245	285	315
3	MASSET	490	565	625
3	MCBRIDE	275	315	350
3	PRINCE GEORGE	210	245	275
3	PRINCE RUPERT	420	485	535
3	QUESNEL	250	285	310
3	SANDSPIT	535	615	680
3	SMITHERS	315	365	400
3	STEWART	325	380	425
3	TERRACE	360	415	460

NOTE:

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B	REGION NUMBERS REVISED	NOV03	DRAWING No. 500.3-5.2	
A	PREVIOUSLY IN CONSTRUCTION STANDARDS	SEPT96		