

APPENDIX I
SEAW SNOW LOAD ANALYSIS - APPENDIX A

GROUND SNOW LOADS			GROUND SNOW LOADS		
COUNTY	Elevation ¹ (FT)	Recommended Ground Snow Load ² (PSF)	COUNTY	Elevation ¹ (FT)	Recommended Ground Snow Load ² (PSF)
1. ADAMS			7. COLUMBIA		
Lind	1390	20	* Dayton	1613	25
Othello	1038	17	Starbuck	645	15
* Ritzville	1825	18			
Washtucna	1024	15	8. COWLITZ		
			Castle Rock	50	19
2. ASOTIN			Kalama	210	24
Anatone	3570	120	* Kelso	80	18
* Asotin	770	22	Longview	21	18
Clarkston	820	20	Toutle	492 ³	34
3. BENTON			9. DOUGLAS		
Benton City	494	15	Bridgeport	829	36
Kennewick	400	15	East Wenatchee	800	22
* Prosser	665	15	Mansfield	2262	57
Plymouth	289	15	Rock Island	650	25
Richland	359	15	* Waterville	2622	88
4. CHELAN			10. FERRY		
Ardenvoir	1280	81	Curlew	1800	50
Blewett	2320 ³	95	Inchelium	1560	112
Chelan	1130	45	Keller	1498	23
Entiat	800	40	Laurier	1645 ³	86
Holden	3224	221	* Republic	2600	54
Lake Wenatchee	1868	160			
Leavenworth	1180	120	11. FRANKLIN		
Peshastin	1010	55	Connell	840	15
Plain	1870	122	Kahlotus	901	18
Stehekin	1120	165	* Pasco	383	15
Stevens Pass Ski Area	4060 ³	400			
* Wenatchee	780	22	12. GARFIELD		
			* Pomeroy	1855	28
5. CLALLAM					
Fairholm	600 ³	53	13. GRANT		
Forks	300	36	Coulee City	1585	24
La Push	10	30	* Ephrata	1250	24
Neah Bay	20	15	Grand Coulee	1640	18
* Port Angeles	32	20	Hartline	1905	29
Sekiu	80	40	Mattawa	778	15
Sequim	183	20	Moses Lake	1060	15
			Quincy	1295	34
6. CLARK			Soap Lake	1074	20
Amboy	400	25	Warden	1305	18
Battle Ground	295	16			
Camas	150	20			
Orchards	230	20			
* Vancouver	150	20			
Washougal	65	20			

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14. GRAYS HARBOR		
Aberdeen	10	15
Elma	50	18
Hoquiam	20	15
Humptulips	131	28
McCleary	257	18
* Montesano	66	15
Oakville	90	15
Ocean Shores	10	15
Quinalt	221	45
Taholah	17	30
Westport	12	15
15. ISLAND		
* Coupeville	80	17
Freeland	110	15
Oak Harbor	120	17
16. JEFFERSON		
Brinnon	77	30
Leland	200 ³	30
* Port Townsend	120	20
Queets	30	30
Quilcene	20	25
17. KING		
Auburn	85	20
Bellevue	100	20
Bothell	90	20
Black Diamond	650	24
Carnation	75	25
Duvall	140	25
Enumclaw	720	25
Fall City	90	30
Humphrey	1200 ³	84
Issaquah	100 ³	20
Kent	50	20
Kirkland	180	20
Lester	1620	100
North Bend	442	33
Palmer	880 ³	55
Renton	15	20
* Seattle	350	20
Skykomish	931	80
Stevens Pass Ski Area	4060 ³	400
Vashon Island	375	17
18. KITSAP		
Bremerton	100	15
* Port Orchard	140	15
Poulsbo	15	18

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19. KITTITAS		
Cle Elum	1905	88
Easton	2160	150
* Ellensburg	1540	34
Kittitas	1647	37
Lake CleElum	2223	188
Lake Kachess	2260	227
Lake Keechelus	2517	320
Liberty	2680	92
Roslyn	2280	130
Snoqualmie Pass		
Ski Area	3000	433
Vantage	640 ³	18
Wymer	1300 ³	29
20. KLICKITAT		
Appleton	2308	104
Bickleton	3020	31
Centerville	1605	41
Glenwood	1895	108
* Goldendale	1633	20
Klickitat	447	45
Lyle	140	45
Satus Pass	3146	120
Trout Lake	1900	166
White Salmon	640	52
Wishram	180	36
21. LEWIS		
Centralia	189	20
* Chehalis	226	20
Mineral	1770	88
Morton	940	57
Mossyrock	698	34
Onalaska	505	25
Packwood	1051	100
Pe Ell	412	34
Randle	880	78
Toledo	110	19
Vader	175	19
22. LINCOLN		
* Davenport	2369	56
Harrington	2140	41
Odessa	1544	23
Reardan	2496	37
Sprague	1899	34
Wilbur	2163	32

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23. MASON		
Belfair	43	15
Lake Cushman	733	114
Hoodsport	40	30
Lilliwaup	10	30
Matlock	443 ³	48
* Shelton	6	22
24. OKANOGAN		
Brewster	820	33
Conconully	2300	61
Coulee Dam	1145	18
Mazama	2111 ³	105
Methow	1153	49
Nespelem	1820	29
* Okanogan	860	25
Omak	837	25
Oroville	930	29
Tonasket	940	25
Twisp	1614	64
Winthrop	1760	91
25. PACIFIC		
Ilwaco	11	15
Lebam	190	15
Long Beach	10	15
Naselle	12	15
Raymond	14	15
* South Bend	80	15
26. PEND OREILLE		
Cusick	2050	68
Ione	2090	63
Metaline Falls	2100	70
* Newport	2166	80
27. PIERCE		
Ashford	1770	150
Buckley	726	18
Carbonado	1180	60
Chinook Pass	5432 ³	760
Crystal Mountain Ski Area	4380	438
DuPont	245	15
Eatonville	810	15
Elbe	1211	99
Greenwater	1720	118
Kapowsin	629	35
McMillin Reservoir	580 ³	18
Longmire	2757	193
Orting	215	18
Paradise	5440 ³	600
Puyallup	40	18

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27. PIERCE (continued)		
Roy	310	18
Sunrise	6385	760
* Tacoma	380	21
28. SAN JUAN		
Deer Harbor	60 ³	20
* Friday Harbor	91	20
Lopez	40 ³	20
Olga	60 ³	20
Orcas	60	20
Roche Harbor	55	20
Rosario	90	20
29. SKAGIT		
Anacortes	100	15
Blanchard	5	17
Burlington	30	17
Concrete	435	57
La Conner	50	15
Lyman	86 ³	21
Marblemount	310	60
McMurray	280	17
* Mount Vernon	180	15
Rockport	275	50
Sedro Woolley	55	15
30. SKAMANIA		
Carson	520	50
North Bonneville	57	50
Skamania	55	50
Spirit Lake	3198	384
Stabler	947	171
* Stevenson	103	50
Willard	1260	73
31. SNOHOMISH		
Arlington	120	17
Darrington	549	110
* Everett	110	15
Index	532	37
Granite Falls	391	18
Marysville	20	16
Monroe	55	19
Monte Cristo	2756 ³	220
Mountain Terrace	440	20
Oso	200 ³	20
Silverton	1520 ³	114
Stanwood	5	15
Startup	140	18
Sultan	114	18
Verlot/Robe	1000 ³	60

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City		
32. SPOKANE		
Cheney	2400	36
Deer Park	2130	59
Medical Lake	2420	36
Mount Spokane		
Ski Area Bottom	4600 ³	120
Top	5800 ³	151
* Spokane	2000	39
Rockford	2361	32
33. STEVENS		
Boundary	1400 ³	48
Chewelah	1671	50
* Colville	1610 ³	46
Hunters	1560 ³	64
Kettle Falls	1625	45
Northport	1328 ³	47
Springdale	2070	56
Wellpinit	2400	80
34. THURSTON		
Littlerock	150	15
* Olympia	130	15
Rochester	60	15
Tenino	290	15
Tumwater	220	15
Vail	464 ³	22
Yelm	340	18
35. WAHKIAKUM		
* Cathlamet	53	22
Grays River	27	15
Skamokawa	26	15
36. WALLA WALLA		
Attalia	380 ³	15
Waitsburg	1260	30
* Walla Walla	1000	18

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City		
37. WHATCOM		
Acme	310	22
* Bellingham	100	15
Blaine	45	16
Deming	210	24
Diablo	910	100
Ferndale	60	20
Glacier	900	74
Lawrence	145 ³	24
Lynden	103	24
Maple Falls	643	77
Mt. Baker Ski Area	4200 ³	588
Newhalem	510	129
Nooksack	84	24
Sumas	36	24
Wickersham	310	28
38. WHITMAN		
* Colfax	1962	26
Lacrosse	1481	15
Palouse	2426	36
Pullman	2400	30
Rosalia	2232	36
St. John	1980 ³	41
Tekoa	2494	39
39. YAKIMA		
American River	2800	165
Goose Prairie	3266	172
Grandview	800 ³	15
Naches	1470	38
Rimrock Lake	2950	110
Sunnyside	770	15
Toppenish	760	17
Wapato	855	17
White Swan	973	37
White Pass Ski Area	4720	244
* Yakima	1066	19

* Denotes County Seat

¹ Source unless noted: U. S. Geological Survey, Geographic Names Information System, U.S.G.S. Earth Science Information Center, Spokane, WA.

² In no case should the roof design live load be less than the minimum as required by the *1994 Uniform Building Code* Section 1605 nor less than required by the local Building Official.

³ Source of elevation: U.S.G.S. map per U.S.G.S. Earth Science Information Center, Spokane, WA.