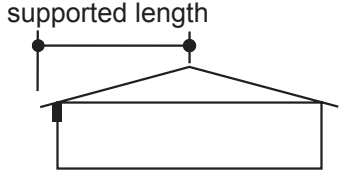


Table 9.1a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 1.0 kPa

Species	Grade	Supported length (m)	38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	1.57	2.55	3.04	1.91	3.10	3.79
		3.0	1.40	2.28	2.79	1.70	2.77	3.39
		3.6	1.28	2.08	2.55	1.56	2.53	3.10
		4.2	1.18	1.92	2.36	1.44	2.34	2.87
		4.8	1.11	1.80	2.20	1.35	2.19	2.68
		5.4	1.04	1.70	2.08	1.27	2.06	2.53
		6.0	0.99	1.61	1.97	1.21	1.96	2.40
Hem-Fir	No.1/No.2	2.4	1.64	2.65	3.04	2.00	3.25	3.98
		3.0	1.47	2.39	2.82	1.79	2.91	3.56
		3.6	1.34	2.18	2.65	1.63	2.65	3.25
		4.2	1.24	2.02	2.47	1.51	2.46	3.01
		4.8	1.16	1.89	2.31	1.41	2.30	2.81
		5.4	1.10	1.78	2.18	1.33	2.17	2.65
		6.0	1.04	1.69	2.07	1.26	2.05	2.52

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.70	2.53	2.89	2.07	3.32	3.80
		3.0	1.52	2.35	2.69	1.85	3.01	3.53
		3.6	1.39	2.21	2.53	1.69	2.75	3.32
		4.2	1.29	2.09	2.40	1.57	2.54	3.11
		4.8	1.20	1.95	2.30	1.46	2.38	2.91
		5.4	1.13	1.84	2.21	1.38	2.24	2.75
		6.0	1.08	1.75	2.13	1.31	2.13	2.61
Northern	No.1/No.2	2.4	1.37	2.22	2.61	1.66	2.70	3.31
		3.0	1.22	1.98	2.43	1.49	2.41	2.96
		3.6	1.11	1.81	2.22	1.36	2.20	2.70
		4.2	1.03	1.68	2.05	1.26	2.04	2.50
		4.8	0.97	1.57	1.92	1.17	1.91	2.34
		5.4	0.91	1.48	1.81	1.11	1.80	2.20
		6.0	0.86	1.40	1.72	1.05	1.71	2.09

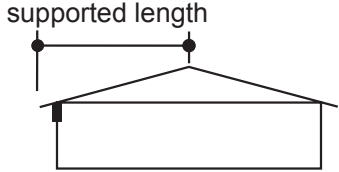
Notes: See notes of Table 9.20b.

Table 9.1b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 1.0 kPa

Species	Grade	Supported length (m)	38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	2.33	3.79	4.64	2.70	4.39	5.38
		3.0	2.08	3.39	4.15	2.42	3.93	4.81
		3.6	1.90	3.09	3.79	2.21	3.59	4.39
		4.2	1.76	2.86	3.51	2.04	3.32	4.07
		4.8	1.65	2.68	3.28	1.91	3.11	3.81
		5.4	1.55	2.52	3.09	1.80	2.93	3.59
		6.0	1.47	2.39	2.93	1.71	2.78	3.40
Hem-Fir	No.1/No.2	2.4	2.44	3.97	4.86	2.84	4.61	5.64
		3.0	2.19	3.55	4.35	2.54	4.12	5.05
		3.6	2.00	3.24	3.97	2.32	3.76	4.61
		4.2	1.85	3.00	3.68	2.14	3.48	4.27
		4.8	1.73	2.81	3.44	2.01	3.26	3.99
		5.4	1.63	2.65	3.24	1.89	3.07	3.76
		6.0	1.55	2.51	3.08	1.79	2.91	3.57

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	2.53	4.11	4.86	2.94	4.77	5.78
		3.0	2.26	3.68	4.51	2.63	4.27	5.23
		3.6	2.07	3.36	4.11	2.40	3.90	4.77
		4.2	1.91	3.11	3.81	2.22	3.61	4.42
		4.8	1.79	2.91	3.56	2.08	3.38	4.13
		5.4	1.69	2.74	3.36	1.96	3.18	3.90
		6.0	1.60	2.60	3.19	1.86	3.02	3.70
Northern	No.1/No.2	2.4	2.03	3.30	4.04	2.36	3.83	4.69
		3.0	1.82	2.95	3.62	2.11	3.43	4.20
		3.6	1.66	2.70	3.30	1.92	3.13	3.83
		4.2	1.54	2.50	3.06	1.78	2.90	3.55
		4.8	1.44	2.33	2.86	1.67	2.71	3.32
		5.4	1.35	2.20	2.70	1.57	2.55	3.13
		6.0	1.28	2.09	2.56	1.49	2.42	2.97

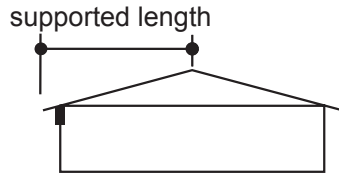
Notes: See notes of Table 9.20b.

Table 9.2a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 1.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	1.35	2.19	2.65	1.64	2.66	3.26
		3.0	1.20	1.96	2.40	1.47	2.38	2.92
		3.6	1.10	1.79	2.19	1.34	2.17	2.66
		4.2	1.02	1.65	2.03	1.24	2.01	2.46
		4.8	0.95	1.55	1.89	1.16	1.88	2.31
		5.4	0.90	1.46	1.79	1.09	1.77	2.17
		6.0	0.85	1.38	1.69	1.04	1.68	2.06
Hem-Fir	No.1/No.2	2.4	1.41	2.29	2.65	1.72	2.79	3.42
		3.0	1.26	2.05	2.46	1.54	2.50	3.06
		3.6	1.15	1.87	2.29	1.40	2.28	2.79
		4.2	1.07	1.73	2.12	1.30	2.11	2.59
		4.8	1.00	1.62	1.99	1.22	1.97	2.42
		5.4	0.94	1.53	1.87	1.15	1.86	2.28
		6.0	0.89	1.45	1.78	1.09	1.77	2.16

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.46	2.21	2.53	1.78	2.89	3.32
		3.0	1.31	2.05	2.35	1.59	2.59	3.08
		3.6	1.19	1.93	2.21	1.45	2.36	2.89
		4.2	1.11	1.80	2.10	1.35	2.19	2.68
		4.8	1.03	1.68	2.01	1.26	2.05	2.50
		5.4	0.98	1.58	1.93	1.19	1.93	2.36
		6.0	0.93	1.50	1.84	1.13	1.83	2.24
Northern	No.1/No.2	2.4	1.17	1.91	2.28	1.43	2.32	2.84
		3.0	1.05	1.71	2.09	1.28	2.08	2.54
		3.6	0.96	1.56	1.91	1.17	1.90	2.32
		4.2	0.89	1.44	1.77	1.08	1.75	2.15
		4.8	0.83	1.35	1.65	1.01	1.64	2.01
		5.4	0.78	1.27	1.56	0.95	1.55	1.90
		6.0	0.74	1.21	1.48	0.90	1.47	1.80

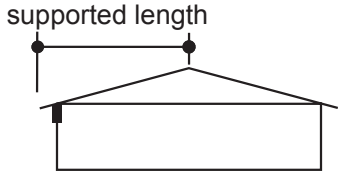
Notes: See notes of Table 9.20b.

Table 9.2b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 1.5 kPa

Species	Grade	Supported length (m)	38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	2.00	3.26	3.99	2.33	3.78	4.63
		3.0	1.79	2.91	3.57	2.08	3.38	4.14
		3.6	1.64	2.66	3.26	1.90	3.08	3.78
		4.2	1.51	2.46	3.01	1.76	2.86	3.50
		4.8	1.42	2.30	2.82	1.64	2.67	3.27
		5.4	1.34	2.17	2.66	1.55	2.52	3.08
		6.0	1.27	2.06	2.52	1.47	2.39	2.93
Hem-Fir	No.1/No.2	2.4	2.10	3.41	4.18	2.44	3.96	4.85
		3.0	1.88	3.05	3.74	2.18	3.54	4.34
		3.6	1.72	2.79	3.41	1.99	3.24	3.96
		4.2	1.59	2.58	3.16	1.84	3.00	3.67
		4.8	1.49	2.41	2.96	1.72	2.80	3.43
		5.4	1.40	2.28	2.79	1.63	2.64	3.24
		6.0	1.33	2.16	2.64	1.54	2.51	3.07

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	2.18	3.54	4.24	2.53	4.10	5.03
		3.0	1.95	3.16	3.87	2.26	3.67	4.50
		3.6	1.78	2.89	3.54	2.06	3.35	4.10
		4.2	1.65	2.67	3.27	1.91	3.10	3.80
		4.8	1.54	2.50	3.06	1.79	2.90	3.55
		5.4	1.45	2.36	2.89	1.68	2.74	3.35
		6.0	1.38	2.24	2.74	1.60	2.60	3.18
Northern	No.1/No.2	2.4	1.75	2.84	3.48	2.03	3.29	4.03
		3.0	1.56	2.54	3.11	1.81	2.95	3.61
		3.6	1.43	2.32	2.84	1.65	2.69	3.29
		4.2	1.32	2.15	2.63	1.53	2.49	3.05
		4.8	1.24	2.01	2.46	1.43	2.33	2.85
		5.4	1.16	1.89	2.32	1.35	2.20	2.69
		6.0	1.10	1.79	2.20	1.28	2.08	2.55

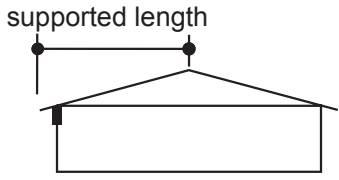
Notes: See notes of Table 9.20b.

Table 9.3a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 2.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	1.20	1.95	2.39	1.46	2.37	2.90
		3.0	1.07	1.74	2.13	1.31	2.12	2.60
		3.6	0.98	1.59	1.95	1.19	1.94	2.37
		4.2	0.91	1.47	1.80	1.10	1.79	2.20
		4.8	0.85	1.38	1.69	1.03	1.68	2.05
		5.4	0.80	1.30	1.59	0.97	1.58	1.94
		6.0	0.76	1.23	1.51	0.92	1.50	1.84
Hem-Fir	No.1/No.2	2.4	1.26	2.04	2.41	1.53	2.49	3.05
		3.0	1.13	1.83	2.24	1.37	2.22	2.72
		3.6	1.03	1.67	2.04	1.25	2.03	2.49
		4.2	0.95	1.54	1.89	1.16	1.88	2.30
		4.8	0.89	1.45	1.77	1.08	1.76	2.15
		5.4	0.84	1.36	1.67	1.02	1.66	2.03
		6.0	0.80	1.29	1.58	0.97	1.57	1.93

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.30	2.01	2.30	1.59	2.58	3.02
		3.0	1.17	1.86	2.13	1.42	2.30	2.80
		3.6	1.06	1.73	2.01	1.29	2.10	2.58
		4.2	0.98	1.60	1.91	1.20	1.95	2.38
		4.8	0.92	1.50	1.82	1.12	1.82	2.23
		5.4	0.87	1.41	1.73	1.06	1.72	2.10
		6.0	0.82	1.34	1.64	1.00	1.63	2.00
Northern	No.1/No.2	2.4	1.05	1.70	2.07	1.27	2.07	2.53
		3.0	0.94	1.52	1.86	1.14	1.85	2.26
		3.6	0.85	1.39	1.70	1.04	1.69	2.07
		4.2	0.79	1.28	1.57	0.96	1.56	1.91
		4.8	0.74	1.20	1.47	0.90	1.46	1.79
		5.4	0.70	1.13	1.39	0.85	1.38	1.69
		6.0	0.66	1.07	1.32	0.80	1.31	1.60

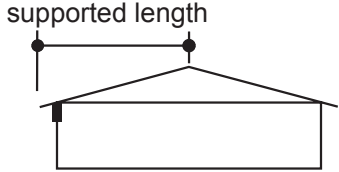
Notes: See notes of Table 9.20b.

Table 9.3b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 2.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	1.78	2.90	3.55	2.07	3.36	4.12
		3.0	1.60	2.59	3.18	1.85	3.01	3.69
		3.6	1.46	2.37	2.90	1.69	2.75	3.36
		4.2	1.35	2.19	2.68	1.57	2.54	3.11
		4.8	1.26	2.05	2.51	1.46	2.38	2.91
		5.4	1.19	1.93	2.37	1.38	2.24	2.75
		6.0	1.13	1.83	2.25	1.31	2.13	2.61
Hem-Fir	No.1/No.2	2.4	1.87	3.04	3.72	2.17	3.53	4.32
		3.0	1.67	2.72	3.33	1.94	3.16	3.87
		3.6	1.53	2.48	3.04	1.77	2.88	3.53
		4.2	1.41	2.30	2.82	1.64	2.67	3.27
		4.8	1.32	2.15	2.63	1.54	2.50	3.06
		5.4	1.25	2.03	2.48	1.45	2.35	2.88
		6.0	1.18	1.92	2.36	1.37	2.23	2.73

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.94	3.15	3.85	2.25	3.65	4.48
		3.0	1.73	2.82	3.45	2.01	3.27	4.00
		3.6	1.58	2.57	3.15	1.84	2.98	3.65
		4.2	1.47	2.38	2.92	1.70	2.76	3.38
		4.8	1.37	2.23	2.73	1.59	2.58	3.16
		5.4	1.29	2.10	2.57	1.50	2.44	2.98
		6.0	1.23	1.99	2.44	1.42	2.31	2.83
Northern	No.1/No.2	2.4	1.56	2.53	3.10	1.81	2.93	3.59
		3.0	1.39	2.26	2.77	1.61	2.62	3.21
		3.6	1.27	2.06	2.53	1.47	2.39	2.93
		4.2	1.18	1.91	2.34	1.36	2.22	2.72
		4.8	1.10	1.79	2.19	1.28	2.07	2.54
		5.4	1.04	1.69	2.06	1.20	1.96	2.39
		6.0	0.98	1.60	1.96	1.14	1.85	2.27

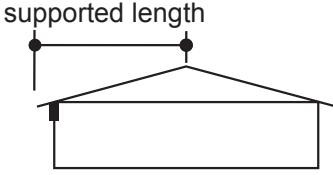
Notes: See notes of Table 9.20b.

Table 9.4a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 2.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	1.09	1.77	2.17	1.33	2.16	2.64
		3.0	0.98	1.59	1.94	1.19	1.93	2.36
		3.6	0.89	1.45	1.77	1.08	1.76	2.16
		4.2	0.83	1.34	1.64	1.00	1.63	2.00
		4.8	0.77	1.25	1.54	0.94	1.53	1.87
		5.4	0.73	1.18	1.45	0.89	1.44	1.76
		6.0	0.69	1.12	1.37	0.84	1.36	1.67
Hem-Fir	No.1/No.2	2.4	1.14	1.86	2.24	1.39	2.26	2.77
		3.0	1.02	1.66	2.04	1.25	2.02	2.48
		3.6	0.93	1.52	1.86	1.14	1.85	2.26
		4.2	0.87	1.41	1.72	1.05	1.71	2.10
		4.8	0.81	1.32	1.61	0.99	1.60	1.96
		5.4	0.76	1.24	1.52	0.93	1.51	1.85
		6.0	0.72	1.18	1.44	0.88	1.43	1.75

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.19	1.86	2.13	1.44	2.34	2.80
		3.0	1.06	1.72	1.98	1.29	2.10	2.57
		3.6	0.97	1.57	1.86	1.18	1.91	2.34
		4.2	0.90	1.46	1.77	1.09	1.77	2.17
		4.8	0.84	1.36	1.67	1.02	1.66	2.03
		5.4	0.79	1.28	1.57	0.96	1.56	1.91
		6.0	0.75	1.22	1.49	0.91	1.48	1.82
Northern	No.1/No.2	2.4	0.95	1.55	1.89	1.16	1.88	2.30
		3.0	0.85	1.38	1.69	1.04	1.68	2.06
		3.6	0.78	1.26	1.55	0.95	1.54	1.88
		4.2	0.72	1.17	1.43	0.88	1.42	1.74
		4.8	0.67	1.09	1.34	0.82	1.33	1.63
		5.4	0.63	1.03	1.26	0.77	1.25	1.54
		6.0	0.60	0.98	1.20	0.73	1.19	1.46

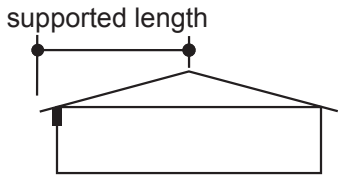
Notes: See notes of Table 9.20b.

Table 9.4b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 2.5 kPa

Species	Grade	Supported length (m)	38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	1.62	2.64	3.23	1.88	3.06	3.75
		3.0	1.45	2.36	2.89	1.69	2.74	3.35
		3.6	1.33	2.15	2.64	1.54	2.50	3.06
		4.2	1.23	1.99	2.44	1.42	2.31	2.84
		4.8	1.15	1.87	2.29	1.33	2.17	2.65
		5.4	1.08	1.76	2.15	1.26	2.04	2.50
		6.0	1.03	1.67	2.04	1.19	1.94	2.37
Hem-Fir	No.1/No.2	2.4	1.70	2.77	3.39	1.98	3.21	3.93
		3.0	1.52	2.48	3.03	1.77	2.87	3.52
		3.6	1.39	2.26	2.77	1.61	2.62	3.21
		4.2	1.29	2.09	2.56	1.49	2.43	2.97
		4.8	1.20	1.96	2.40	1.40	2.27	2.78
		5.4	1.14	1.85	2.26	1.32	2.14	2.62
		6.0	1.08	1.75	2.14	1.25	2.03	2.49

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.76	2.87	3.51	2.05	3.33	4.07
		3.0	1.58	2.56	3.14	1.83	2.98	3.64
		3.6	1.44	2.34	2.87	1.67	2.72	3.33
		4.2	1.33	2.17	2.65	1.55	2.51	3.08
		4.8	1.25	2.03	2.48	1.45	2.35	2.88
		5.4	1.18	1.91	2.34	1.36	2.22	2.72
		6.0	1.12	1.81	2.22	1.29	2.10	2.58
Northern	No.1/No.2	2.4	1.42	2.30	2.82	1.64	2.67	3.27
		3.0	1.27	2.06	2.52	1.47	2.39	2.92
		3.6	1.16	1.88	2.30	1.34	2.18	2.67
		4.2	1.07	1.74	2.13	1.24	2.02	2.47
		4.8	1.00	1.63	1.99	1.16	1.89	2.31
		5.4	0.94	1.53	1.88	1.10	1.78	2.18
		6.0	0.90	1.46	1.78	1.04	1.69	2.07

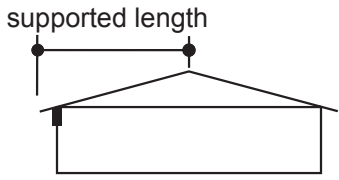
Notes: See notes of Table 9.20b.

Table 9.5a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 3.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	1.01	1.64	2.01	1.23	1.99	2.44
		3.0	0.90	1.47	1.80	1.10	1.78	2.18
		3.6	0.82	1.34	1.64	1.00	1.63	1.99
		4.2	0.76	1.24	1.52	0.93	1.51	1.85
		4.8	0.71	1.16	1.42	0.87	1.41	1.73
		5.4	0.67	1.09	1.34	0.82	1.33	1.63
		6.0	0.64	1.04	1.27	0.78	1.26	1.54
Hem-Fir	No.1/No.2	2.4	1.06	1.72	2.11	1.29	2.09	2.56
		3.0	0.95	1.54	1.88	1.15	1.87	2.29
		3.6	0.86	1.40	1.72	1.05	1.71	2.09
		4.2	0.80	1.30	1.59	0.97	1.58	1.94
		4.8	0.75	1.22	1.49	0.91	1.48	1.81
		5.4	0.71	1.15	1.40	0.86	1.39	1.71
		6.0	0.67	1.09	1.33	0.81	1.32	1.62

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.10	1.75	2.01	1.33	2.17	2.64
		3.0	0.98	1.59	1.86	1.19	1.94	2.37
		3.6	0.89	1.45	1.75	1.09	1.77	2.17
		4.2	0.83	1.35	1.65	1.01	1.64	2.01
		4.8	0.77	1.26	1.54	0.94	1.53	1.88
		5.4	0.73	1.19	1.45	0.89	1.44	1.77
		6.0	0.69	1.13	1.38	0.84	1.37	1.68
Northern	No.1/No.2	2.4	0.88	1.43	1.75	1.07	1.74	2.13
		3.0	0.79	1.28	1.57	0.96	1.55	1.90
		3.6	0.72	1.17	1.43	0.87	1.42	1.74
		4.2	0.66	1.08	1.32	0.81	1.31	1.61
		4.8	0.62	1.01	1.24	0.76	1.23	1.51
		5.4	0.59	0.95	1.17	0.71	1.16	1.42
		6.0	0.56	0.90	1.11	0.68	1.10	1.35

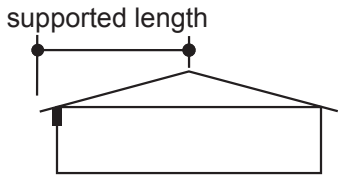
Notes: See notes of Table 9.20b.

Table 9.5b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 3.0 kPa

Species	Grade	Supported length (m)	38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	1.50	2.44	2.99	1.74	2.83	3.47
		3.0	1.34	2.18	2.67	1.56	2.53	3.10
		3.6	1.23	1.99	2.44	1.42	2.31	2.83
		4.2	1.13	1.84	2.26	1.32	2.14	2.62
		4.8	1.06	1.72	2.11	1.23	2.00	2.45
		5.4	1.00	1.63	1.99	1.16	1.89	2.31
		6.0	0.95	1.54	1.89	1.10	1.79	2.19
Hem-Fir	No.1/No.2	2.4	1.57	2.56	3.13	1.83	2.97	3.63
		3.0	1.41	2.29	2.80	1.63	2.65	3.25
		3.6	1.29	2.09	2.56	1.49	2.42	2.97
		4.2	1.19	1.93	2.37	1.38	2.24	2.75
		4.8	1.11	1.81	2.21	1.29	2.10	2.57
		5.4	1.05	1.70	2.09	1.22	1.98	2.42
		6.0	1.00	1.62	1.98	1.16	1.88	2.30

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.63	2.65	3.24	1.89	3.07	3.76
		3.0	1.46	2.37	2.90	1.69	2.75	3.37
		3.6	1.33	2.16	2.65	1.54	2.51	3.07
		4.2	1.23	2.00	2.45	1.43	2.32	2.85
		4.8	1.15	1.87	2.29	1.34	2.17	2.66
		5.4	1.09	1.77	2.16	1.26	2.05	2.51
		6.0	1.03	1.68	2.05	1.20	1.94	2.38
Northern	No.1/No.2	2.4	1.31	2.13	2.60	1.52	2.47	3.02
		3.0	1.17	1.90	2.33	1.36	2.21	2.70
		3.6	1.07	1.74	2.13	1.24	2.01	2.47
		4.2	0.99	1.61	1.97	1.15	1.86	2.28
		4.8	0.93	1.50	1.84	1.07	1.74	2.14
		5.4	0.87	1.42	1.74	1.01	1.64	2.01
		6.0	0.83	1.34	1.65	0.96	1.56	1.91

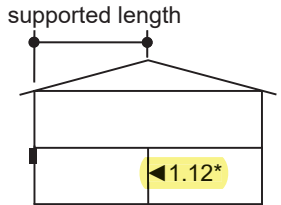
Notes: See notes of Table 9.20b.

Table 9.6a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 1.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	1.00	1.63	2.00	1.22	1.99	2.43
		3.0	0.90	1.46	1.79	1.09	1.78	2.18
		3.6	0.82	1.33	1.63	1.00	1.62	1.99
		4.2	0.76	1.23	1.51	0.92	1.50	1.84
		4.8	0.71	1.15	1.41	0.86	1.40	1.72
		5.4	0.67	1.09	1.33	0.82	1.32	1.62
		6.0	0.64	1.03	1.26	0.77	1.26	1.54
Hem-Fir	No.1/No.2	2.4	1.05	1.71	2.10	1.28	2.08	2.55
		3.0	0.94	1.53	1.88	1.15	1.86	2.28
		3.6	0.86	1.40	1.71	1.05	1.70	2.08
		4.2	0.80	1.29	1.59	0.97	1.57	1.93
		4.8	0.75	1.21	1.48	0.91	1.47	1.80
		5.4	0.70	1.14	1.40	0.85	1.39	1.70
		6.0	0.67	1.08	1.33	0.81	1.32	1.61

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.09	1.77	2.10	1.33	2.16	2.64
		3.0	0.98	1.59	1.94	1.19	1.93	2.36
		3.6	0.89	1.45	1.77	1.08	1.76	2.16
		4.2	0.83	1.34	1.64	1.00	1.63	2.00
		4.8	0.77	1.25	1.54	0.94	1.53	1.87
		5.4	0.73	1.18	1.45	0.89	1.44	1.76
		6.0	0.69	1.12	1.37	0.84	1.36	1.67
Northern	No.1/No.2	2.4	0.88	1.42	1.74	1.07	1.73	2.12
		3.0	0.78	1.27	1.56	0.95	1.55	1.90
		3.6	0.72	1.16	1.42	0.87	1.41	1.73
		4.2	0.66	1.08	1.32	0.81	1.31	1.60
		4.8	0.62	1.01	1.23	0.75	1.22	1.50
		5.4	0.58	0.95	1.16	0.71	1.15	1.41
		6.0	0.55	0.90	1.10	0.67	1.10	1.34

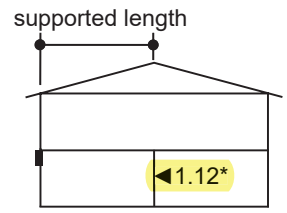
Notes: See notes of Table 9.20b.

Table 9.6b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 1.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	1.49	2.43	2.97	1.73	2.82	3.45
		3.0	1.34	2.17	2.66	1.55	2.52	3.09
		3.6	1.22	1.98	2.43	1.42	2.30	2.82
		4.2	1.13	1.84	2.25	1.31	2.13	2.61
		4.8	1.06	1.72	2.10	1.23	1.99	2.44
		5.4	1.00	1.62	1.98	1.16	1.88	2.30
		6.0	0.95	1.54	1.88	1.10	1.78	2.18
Hem-Fir	No.1/No.2	2.4	1.57	2.55	3.12	1.82	2.96	3.62
		3.0	1.40	2.28	2.79	1.63	2.64	3.24
		3.6	1.28	2.08	2.55	1.49	2.41	2.96
		4.2	1.19	1.93	2.36	1.38	2.23	2.74
		4.8	1.11	1.80	2.21	1.29	2.09	2.56
		5.4	1.05	1.70	2.08	1.21	1.97	2.41
		6.0	0.99	1.61	1.97	1.15	1.87	2.29

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.62	2.64	3.23	1.88	3.06	3.75
		3.0	1.45	2.36	2.89	1.69	2.74	3.35
		3.6	1.33	2.15	2.64	1.54	2.50	3.06
		4.2	1.23	1.99	2.44	1.42	2.31	2.83
		4.8	1.15	1.87	2.28	1.33	2.16	2.65
		5.4	1.08	1.76	2.15	1.26	2.04	2.50
		6.0	1.03	1.67	2.04	1.19	1.94	2.37
Northern	No.1/No.2	2.4	1.30	2.12	2.59	1.51	2.46	3.01
		3.0	1.17	1.89	2.32	1.35	2.20	2.69
		3.6	1.06	1.73	2.12	1.23	2.01	2.46
		4.2	0.99	1.60	1.96	1.14	1.86	2.27
		4.8	0.92	1.50	1.83	1.07	1.74	2.13
		5.4	0.87	1.41	1.73	1.01	1.64	2.01
		6.0	0.82	1.34	1.64	0.96	1.55	1.90

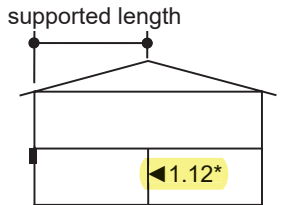
Notes: See notes of Table 9.20b.

Table 9.7a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 1.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	0.94	1.54	1.88	1.15	1.87	2.29
		3.0	0.85	1.37	1.68	1.03	1.67	2.05
		3.6	0.77	1.25	1.54	0.94	1.53	1.87
		4.2	0.71	1.16	1.42	0.87	1.41	1.73
		4.8	0.67	1.09	1.33	0.81	1.32	1.62
		5.4	0.63	1.02	1.25	0.77	1.25	1.53
		6.0	0.60	0.97	1.19	0.73	1.18	1.45
Hem-Fir	No.1/No.2	2.4	0.99	1.61	1.97	1.21	1.96	2.40
		3.0	0.89	1.44	1.76	1.08	1.75	2.15
		3.6	0.81	1.31	1.61	0.98	1.60	1.96
		4.2	0.75	1.22	1.49	0.91	1.48	1.81
		4.8	0.70	1.14	1.39	0.85	1.39	1.70
		5.4	0.66	1.07	1.31	0.80	1.31	1.60
		6.0	0.63	1.02	1.25	0.76	1.24	1.52

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.03	1.67	1.99	1.25	2.03	2.49
		3.0	0.92	1.49	1.83	1.12	1.81	2.22
		3.6	0.84	1.36	1.67	1.02	1.66	2.03
		4.2	0.78	1.26	1.54	0.94	1.53	1.88
		4.8	0.73	1.18	1.44	0.88	1.43	1.76
		5.4	0.68	1.11	1.36	0.83	1.35	1.66
		6.0	0.65	1.05	1.29	0.79	1.28	1.57
Northern	No.1/No.2	2.4	0.82	1.34	1.64	1.00	1.63	1.99
		3.0	0.74	1.20	1.47	0.90	1.46	1.78
		3.6	0.67	1.09	1.34	0.82	1.33	1.63
		4.2	0.62	1.01	1.24	0.76	1.23	1.51
		4.8	0.58	0.95	1.16	0.71	1.15	1.41
		5.4	0.55	0.89	1.09	0.67	1.09	1.33
		6.0	0.52	0.85	1.04	0.63	1.03	1.26

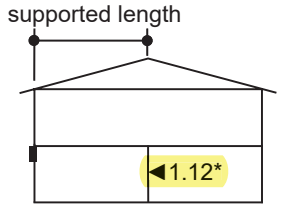
Notes: See notes of Table 9.20b.

Table 9.7b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 1.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	1.41	2.28	2.80	1.63	2.65	3.25
		3.0	1.26	2.04	2.50	1.46	2.37	2.90
		3.6	1.15	1.87	2.28	1.33	2.16	2.65
		4.2	1.06	1.73	2.11	1.23	2.00	2.45
		4.8	0.99	1.62	1.98	1.15	1.87	2.30
		5.4	0.94	1.52	1.87	1.09	1.77	2.16
		6.0	0.89	1.44	1.77	1.03	1.68	2.05
Hem-Fir	No.1/No.2	2.4	1.47	2.40	2.93	1.71	2.78	3.40
		3.0	1.32	2.14	2.62	1.53	2.49	3.05
		3.6	1.20	1.96	2.40	1.40	2.27	2.78
		4.2	1.11	1.81	2.22	1.29	2.10	2.57
		4.8	1.04	1.69	2.07	1.21	1.97	2.41
		5.4	0.98	1.60	1.96	1.14	1.85	2.27
		6.0	0.93	1.52	1.86	1.08	1.76	2.15

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.53	2.48	3.04	1.77	2.88	3.53
		3.0	1.37	2.22	2.72	1.58	2.58	3.15
		3.6	1.25	2.03	2.48	1.45	2.35	2.88
		4.2	1.15	1.88	2.30	1.34	2.18	2.67
		4.8	1.08	1.75	2.15	1.25	2.04	2.49
		5.4	1.02	1.65	2.03	1.18	1.92	2.35
		6.0	0.97	1.57	1.92	1.12	1.80	2.23
Northern	No.1/No.2	2.4	1.23	1.99	2.44	1.42	2.31	2.83
		3.0	1.10	1.78	2.18	1.27	2.07	2.53
		3.6	1.00	1.63	1.99	1.16	1.89	2.31
		4.2	0.93	1.51	1.84	1.08	1.75	2.14
		4.8	0.87	1.41	1.72	1.01	1.63	2.00
		5.4	0.82	1.33	1.63	0.95	1.54	1.89
		6.0	0.78	1.26	1.54	0.90	1.46	1.79

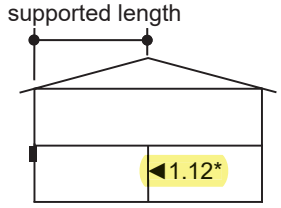
Notes: See notes of Table 9.20b.

Table 9.8a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 2.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	0.89	1.45	1.78	1.09	1.77	2.17
		3.0	0.80	1.30	1.59	0.97	1.58	1.94
		3.6	0.73	1.19	1.45	0.89	1.44	1.77
		4.2	0.68	1.10	1.35	0.82	1.34	1.64
		4.8	0.63	1.03	1.26	0.77	1.25	1.53
		5.4	0.60	0.97	1.19	0.73	1.18	1.44
		6.0	0.57	0.92	1.13	0.69	1.12	1.37
Hem-Fir	No.1/No.2	2.4	0.94	1.52	1.87	1.14	1.85	2.27
		3.0	0.84	1.36	1.67	1.02	1.66	2.03
		3.6	0.77	1.24	1.52	0.93	1.51	1.85
		4.2	0.71	1.15	1.41	0.86	1.40	1.72
		4.8	0.66	1.08	1.32	0.81	1.31	1.61
		5.4	0.63	1.02	1.24	0.76	1.24	1.51
		6.0	0.59	0.96	1.18	0.72	1.17	1.44

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.97	1.58	1.90	1.18	1.92	2.35
		3.0	0.87	1.41	1.73	1.06	1.72	2.10
		3.6	0.79	1.29	1.58	0.97	1.57	1.92
		4.2	0.73	1.19	1.46	0.89	1.45	1.78
		4.8	0.69	1.12	1.37	0.84	1.36	1.66
		5.4	0.65	1.05	1.29	0.79	1.28	1.57
		6.0	0.61	1.00	1.22	0.75	1.22	1.49
Northern	No.1/No.2	2.4	0.78	1.27	1.55	0.95	1.54	1.89
		3.0	0.70	1.13	1.39	0.85	1.38	1.69
		3.6	0.64	1.03	1.27	0.77	1.26	1.54
		4.2	0.59	0.96	1.17	0.72	1.17	1.43
		4.8	0.55	0.90	1.10	0.67	1.09	1.34
		5.4	0.52	0.84	1.03	0.63	1.03	1.26
		6.0	0.49	0.80	0.98	0.60	0.98	1.19

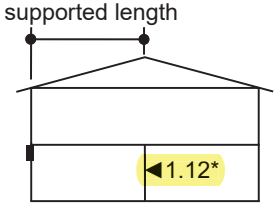
Notes: See notes of Table 9.20b.

Table 9.8b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 2.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	1.33	2.16	2.65	1.54	2.51	3.07
		3.0	1.19	1.93	2.37	1.38	2.24	2.75
		3.6	1.09	1.77	2.16	1.26	2.05	2.51
		4.2	1.01	1.63	2.00	1.17	1.90	2.32
		4.8	0.94	1.53	1.87	1.09	1.77	2.17
		5.4	0.89	1.44	1.77	1.03	1.67	2.05
		6.0	0.84	1.37	1.68	0.98	1.59	1.94
Hem-Fir	No.1/No.2	2.4	1.40	2.27	2.78	1.62	2.63	3.22
		3.0	1.25	2.03	2.48	1.45	2.35	2.88
		3.6	1.14	1.85	2.27	1.32	2.15	2.63
		4.2	1.06	1.71	2.10	1.22	1.99	2.44
		4.8	0.99	1.60	1.96	1.15	1.86	2.28
		5.4	0.93	1.51	1.85	1.08	1.75	2.15
		6.0	0.88	1.43	1.76	1.02	1.66	2.04

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.45	2.35	2.88	1.68	2.73	3.34
		3.0	1.29	2.10	2.57	1.50	2.44	2.99
		3.6	1.18	1.92	2.35	1.37	2.23	2.73
		4.2	1.09	1.78	2.17	1.27	2.06	2.52
		4.8	1.02	1.66	2.03	1.19	1.93	2.36
		5.4	0.96	1.57	1.92	1.12	1.80	2.23
		6.0	0.91	1.47	1.82	1.06	1.67	2.11
Northern	No.1/No.2	2.4	1.16	1.89	2.31	1.35	2.19	2.68
		3.0	1.04	1.69	2.07	1.20	1.96	2.40
		3.6	0.95	1.54	1.89	1.10	1.79	2.19
		4.2	0.88	1.43	1.75	1.02	1.65	2.03
		4.8	0.82	1.33	1.63	0.95	1.55	1.89
		5.4	0.77	1.26	1.54	0.90	1.46	1.79
		6.0	0.73	1.19	1.46	0.85	1.38	1.69

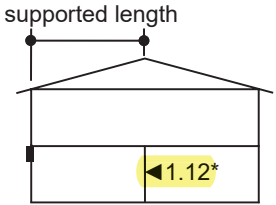
Notes: See notes of Table 9.20b.

Table 9.9a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 2.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	0.85	1.38	1.69	1.04	1.68	2.06
		3.0	0.76	1.24	1.52	0.93	1.51	1.84
		3.6	0.70	1.13	1.38	0.85	1.37	1.68
		4.2	0.64	1.05	1.28	0.78	1.27	1.56
		4.8	0.60	0.98	1.20	0.73	1.19	1.46
		5.4	0.57	0.92	1.13	0.69	1.12	1.37
		6.0	0.54	0.88	1.07	0.66	1.06	1.30
Hem-Fir	No.1/No.2	2.4	0.89	1.45	1.78	1.09	1.77	2.16
		3.0	0.80	1.30	1.59	0.97	1.58	1.93
		3.6	0.73	1.18	1.45	0.89	1.44	1.77
		4.2	0.68	1.10	1.34	0.82	1.33	1.63
		4.8	0.63	1.03	1.26	0.77	1.25	1.53
		5.4	0.60	0.97	1.18	0.72	1.18	1.44
		6.0	0.56	0.92	1.12	0.69	1.12	1.37

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.93	1.50	1.83	1.13	1.83	2.24
		3.0	0.83	1.34	1.65	1.01	1.64	2.00
		3.6	0.76	1.23	1.50	0.92	1.49	1.83
		4.2	0.70	1.14	1.39	0.85	1.38	1.69
		4.8	0.65	1.06	1.30	0.80	1.29	1.58
		5.4	0.62	1.00	1.23	0.75	1.22	1.49
		6.0	0.59	0.95	1.16	0.71	1.14	1.42
Northern	No.1/No.2	2.4	0.74	1.21	1.48	0.90	1.47	1.80
		3.0	0.66	1.08	1.32	0.81	1.31	1.61
		3.6	0.61	0.98	1.21	0.74	1.20	1.47
		4.2	0.56	0.91	1.12	0.68	1.11	1.36
		4.8	0.52	0.85	1.04	0.64	1.04	1.27
		5.4	0.49	0.80	0.98	0.60	0.98	1.20
		6.0	0.47	0.76	0.93	0.57	0.93	1.14

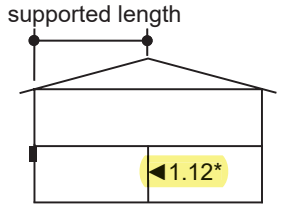
Notes: See notes of Table 9.20b.

Table 9.9b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 2.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	1.27	2.06	2.52	1.47	2.39	2.93
		3.0	1.13	1.84	2.26	1.31	2.14	2.62
		3.6	1.03	1.68	2.06	1.20	1.95	2.39
		4.2	0.96	1.56	1.91	1.11	1.81	2.21
		4.8	0.90	1.46	1.78	1.04	1.69	2.07
		5.4	0.84	1.37	1.68	0.98	1.59	1.95
		6.0	0.80	1.30	1.59	0.93	1.51	1.85
Hem-Fir	No.1/No.2	2.4	1.33	2.16	2.64	1.54	2.51	3.07
		3.0	1.19	1.93	2.37	1.38	2.24	2.74
		3.6	1.08	1.76	2.16	1.26	2.05	2.51
		4.2	1.00	1.63	2.00	1.17	1.89	2.32
		4.8	0.94	1.53	1.87	1.09	1.77	2.17
		5.4	0.89	1.44	1.76	1.03	1.67	2.05
		6.0	0.84	1.37	1.67	0.98	1.58	1.94

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.38	2.24	2.74	1.60	2.59	3.18
		3.0	1.23	2.00	2.45	1.43	2.32	2.84
		3.6	1.12	1.83	2.24	1.30	2.12	2.59
		4.2	1.04	1.69	2.07	1.21	1.96	2.40
		4.8	0.97	1.58	1.94	1.13	1.82	2.25
		5.4	0.92	1.47	1.83	1.06	1.68	2.12
		6.0	0.87	1.37	1.73	1.01	1.57	2.01
Northern	No.1/No.2	2.4	1.10	1.79	2.20	1.28	2.08	2.55
		3.0	0.99	1.61	1.97	1.15	1.86	2.28
		3.6	0.90	1.47	1.79	1.05	1.70	2.08
		4.2	0.83	1.36	1.66	0.97	1.57	1.93
		4.8	0.78	1.27	1.55	0.91	1.47	1.80
		5.4	0.74	1.20	1.47	0.85	1.39	1.70
		6.0	0.70	1.14	1.39	0.81	1.32	1.61

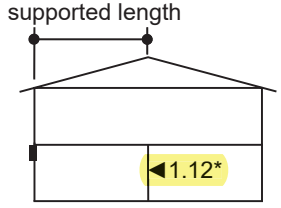
Notes: See notes of Table 9.20b.

Table 9.10a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 3.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	0.81	1.32	1.62	0.99	1.61	1.97
		3.0	0.73	1.18	1.45	0.89	1.44	1.76
		3.6	0.66	1.08	1.32	0.81	1.31	1.61
		4.2	0.62	1.00	1.22	0.75	1.22	1.49
		4.8	0.58	0.94	1.15	0.70	1.14	1.39
		5.4	0.54	0.88	1.08	0.66	1.07	1.31
		6.0	0.51	0.84	1.02	0.63	1.02	1.25
Hem-Fir	No.1/No.2	2.4	0.85	1.39	1.70	1.04	1.69	2.07
		3.0	0.76	1.24	1.52	0.93	1.51	1.85
		3.6	0.70	1.13	1.39	0.85	1.38	1.69
		4.2	0.65	1.05	1.28	0.79	1.28	1.56
		4.8	0.60	0.98	1.20	0.73	1.19	1.46
		5.4	0.57	0.92	1.13	0.69	1.13	1.38
		6.0	0.54	0.88	1.07	0.66	1.07	1.31

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.88	1.44	1.76	1.08	1.75	2.14
		3.0	0.79	1.29	1.57	0.96	1.56	1.92
		3.6	0.72	1.17	1.44	0.88	1.43	1.75
		4.2	0.67	1.09	1.33	0.81	1.32	1.62
		4.8	0.63	1.02	1.24	0.76	1.24	1.51
		5.4	0.59	0.96	1.17	0.72	1.15	1.43
		6.0	0.56	0.91	1.11	0.68	1.07	1.35
Northern	No.1/No.2	2.4	0.71	1.15	1.41	0.86	1.40	1.72
		3.0	0.63	1.03	1.26	0.77	1.26	1.54
		3.6	0.58	0.94	1.15	0.71	1.15	1.40
		4.2	0.54	0.87	1.07	0.65	1.06	1.30
		4.8	0.50	0.82	1.00	0.61	0.99	1.22
		5.4	0.47	0.77	0.94	0.58	0.94	1.15
		6.0	0.45	0.73	0.89	0.55	0.89	1.09

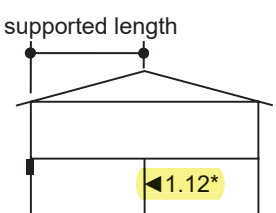
Notes: See notes of Table 9.20b.

Table 9.10b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 3.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	2.4	1.21	1.97	2.41	1.41	2.28	2.80
		3.0	1.08	1.76	2.16	1.26	2.04	2.50
		3.6	0.99	1.61	1.97	1.15	1.86	2.28
		4.2	0.92	1.49	1.82	1.06	1.73	2.11
		4.8	0.86	1.39	1.70	0.99	1.62	1.98
		5.4	0.81	1.31	1.61	0.94	1.52	1.86
		6.0	0.77	1.24	1.52	0.89	1.44	1.77
Hem-Fir	No.1/No.2	2.4	1.27	2.06	2.53	1.47	2.40	2.93
		3.0	1.14	1.85	2.26	1.32	2.14	2.62
		3.6	1.04	1.69	2.06	1.20	1.96	2.40
		4.2	0.96	1.56	1.91	1.11	1.81	2.22
		4.8	0.90	1.46	1.79	1.04	1.69	2.07
		5.4	0.85	1.38	1.69	0.98	1.60	1.96
		6.0	0.80	1.31	1.60	0.93	1.52	1.86

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.32	2.14	2.62	1.53	2.48	3.04
		3.0	1.18	1.91	2.34	1.37	2.22	2.72
		3.6	1.07	1.75	2.14	1.25	2.03	2.48
		4.2	0.99	1.62	1.98	1.15	1.87	2.30
		4.8	0.93	1.50	1.85	1.08	1.71	2.15
		5.4	0.88	1.39	1.75	1.02	1.59	2.03
		6.0	0.83	1.29	1.66	0.97	1.48	1.92
Northern	No.1/No.2	2.4	1.06	1.72	2.10	1.23	1.99	2.44
		3.0	0.94	1.53	1.88	1.10	1.78	2.18
		3.6	0.86	1.40	1.72	1.00	1.63	1.99
		4.2	0.80	1.30	1.59	0.93	1.51	1.84
		4.8	0.75	1.21	1.49	0.87	1.41	1.72
		5.4	0.70	1.14	1.40	0.82	1.33	1.63
		6.0	0.67	1.09	1.33	0.78	1.26	1.54

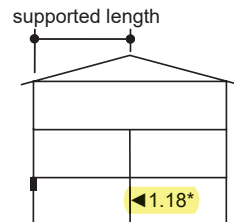
Notes: See notes of Table 9.20b.

Table 9.11a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 1.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	0.86	1.40	1.71	1.05	1.70	2.08
		3.0	0.77	1.25	1.53	0.94	1.52	1.86
		3.6	0.70	1.14	1.40	0.86	1.39	1.70
		4.2	0.65	1.06	1.29	0.79	1.29	1.58
		4.8	0.61	0.99	1.21	0.74	1.20	1.47
		5.4	0.57	0.93	1.14	0.70	1.13	1.39
		6.0	0.54	0.88	1.08	0.66	1.08	1.32
Hem-Fir	No.1/No.2	2.4	0.90	1.47	1.80	1.10	1.79	2.19
		3.0	0.81	1.31	1.61	0.98	1.60	1.96
		3.6	0.74	1.20	1.47	0.90	1.46	1.79
		4.2	0.68	1.11	1.36	0.83	1.35	1.65
		4.8	0.64	1.04	1.27	0.78	1.26	1.55
		5.4	0.60	0.98	1.20	0.73	1.19	1.46
		6.0	0.57	0.93	1.14	0.69	1.13	1.38

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.94	1.52	1.86	1.14	1.85	2.26
		3.0	0.84	1.36	1.66	1.02	1.65	2.03
		3.6	0.76	1.24	1.52	0.93	1.51	1.85
		4.2	0.71	1.15	1.41	0.86	1.40	1.71
		4.8	0.66	1.07	1.32	0.80	1.31	1.60
		5.4	0.62	1.01	1.24	0.76	1.23	1.51
		6.0	0.59	0.96	1.18	0.72	1.16	1.43
Northern	No.1/No.2	2.4	0.75	1.22	1.49	0.91	1.48	1.82
		3.0	0.67	1.09	1.34	0.82	1.33	1.63
		3.6	0.61	1.00	1.22	0.75	1.21	1.48
		4.2	0.57	0.92	1.13	0.69	1.12	1.37
		4.8	0.53	0.86	1.06	0.65	1.05	1.28
		5.4	0.50	0.81	1.00	0.61	0.99	1.21
		6.0	0.47	0.77	0.94	0.58	0.94	1.15

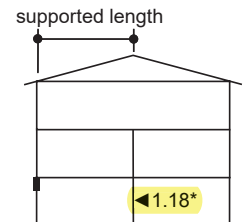
Notes: See notes of Table 9.20b.

Table 9.11b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 1.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	1.28	2.08	2.55	1.49	2.41	2.96
		3.0	1.15	1.86	2.28	1.33	2.16	2.65
		3.6	1.05	1.70	2.08	1.21	1.97	2.41
		4.2	0.97	1.57	1.93	1.12	1.83	2.24
		4.8	0.91	1.47	1.80	1.05	1.71	2.09
		5.4	0.85	1.39	1.70	0.99	1.61	1.97
		6.0	0.81	1.32	1.61	0.94	1.53	1.87
Hem-Fir	No.1/No.2	2.4	1.34	2.18	2.67	1.56	2.53	3.10
		3.0	1.20	1.95	2.39	1.39	2.27	2.77
		3.6	1.10	1.78	2.18	1.27	2.07	2.53
		4.2	1.02	1.65	2.02	1.18	1.91	2.34
		4.8	0.95	1.54	1.89	1.10	1.79	2.19
		5.4	0.90	1.46	1.78	1.04	1.69	2.07
		6.0	0.85	1.38	1.69	0.99	1.60	1.96

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.39	2.26	2.77	1.61	2.62	3.21
		3.0	1.24	2.02	2.48	1.44	2.35	2.87
		3.6	1.14	1.85	2.26	1.32	2.14	2.62
		4.2	1.05	1.71	2.09	1.22	1.98	2.43
		4.8	0.98	1.60	1.96	1.14	1.85	2.27
		5.4	0.93	1.49	1.85	1.08	1.70	2.14
		6.0	0.88	1.39	1.75	1.02	1.59	2.03
Northern	No.1/No.2	2.4	1.12	1.81	2.22	1.30	2.11	2.58
		3.0	1.00	1.62	1.99	1.16	1.88	2.31
		3.6	0.91	1.48	1.81	1.06	1.72	2.11
		4.2	0.84	1.37	1.68	0.98	1.59	1.95
		4.8	0.79	1.28	1.57	0.92	1.49	1.82
		5.4	0.74	1.21	1.48	0.86	1.40	1.72
		6.0	0.71	1.15	1.41	0.82	1.33	1.63

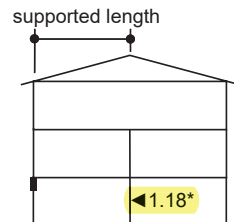
Notes: See notes of Table 9.20b.

Table 9.12a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 1.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	0.83	1.34	1.64	1.01	1.63	2.00
		3.0	0.74	1.20	1.47	0.90	1.46	1.79
		3.6	0.67	1.10	1.34	0.82	1.33	1.63
		4.2	0.62	1.01	1.24	0.76	1.23	1.51
		4.8	0.58	0.95	1.16	0.71	1.16	1.41
		5.4	0.55	0.90	1.10	0.67	1.09	1.33
		6.0	0.52	0.85	1.04	0.64	1.03	1.27
Hem-Fir	No.1/No.2	2.4	0.87	1.41	1.72	1.05	1.71	2.10
		3.0	0.78	1.26	1.54	0.94	1.53	1.88
		3.6	0.71	1.15	1.41	0.86	1.40	1.71
		4.2	0.66	1.06	1.30	0.80	1.30	1.59
		4.8	0.61	1.00	1.22	0.75	1.21	1.48
		5.4	0.58	0.94	1.15	0.70	1.14	1.40
		6.0	0.55	0.89	1.09	0.67	1.08	1.33

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.90	1.46	1.79	1.09	1.77	2.17
		3.0	0.80	1.30	1.60	0.98	1.59	1.94
		3.6	0.73	1.19	1.46	0.89	1.45	1.77
		4.2	0.68	1.10	1.35	0.83	1.34	1.64
		4.8	0.63	1.03	1.26	0.77	1.25	1.54
		5.4	0.60	0.97	1.19	0.73	1.17	1.45
		6.0	0.57	0.92	1.13	0.69	1.09	1.37
Northern	No.1/No.2	2.4	0.72	1.17	1.43	0.88	1.42	1.74
		3.0	0.64	1.05	1.28	0.78	1.27	1.56
		3.6	0.59	0.96	1.17	0.72	1.16	1.42
		4.2	0.54	0.88	1.08	0.66	1.08	1.32
		4.8	0.51	0.83	1.01	0.62	1.01	1.23
		5.4	0.48	0.78	0.96	0.58	0.95	1.16
		6.0	0.46	0.74	0.91	0.55	0.90	1.10

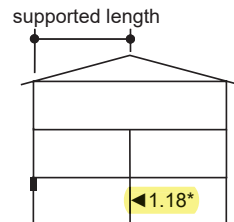
Notes: See notes of Table 9.20b.

Table 9.12b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 1.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	1.23	2.00	2.45	1.43	2.32	2.84
		3.0	1.10	1.79	2.19	1.28	2.07	2.54
		3.6	1.00	1.63	2.00	1.16	1.89	2.32
		4.2	0.93	1.51	1.85	1.08	1.75	2.15
		4.8	0.87	1.41	1.73	1.01	1.64	2.01
		5.4	0.82	1.33	1.63	0.95	1.55	1.89
		6.0	0.78	1.26	1.55	0.90	1.47	1.80
Hem-Fir	No.1/No.2	2.4	1.29	2.10	2.57	1.50	2.43	2.98
		3.0	1.15	1.87	2.30	1.34	2.17	2.66
		3.6	1.05	1.71	2.10	1.22	1.99	2.43
		4.2	0.97	1.58	1.94	1.13	1.84	2.25
		4.8	0.91	1.48	1.81	1.06	1.72	2.11
		5.4	0.86	1.40	1.71	1.00	1.62	1.99
		6.0	0.82	1.33	1.62	0.95	1.54	1.88

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.34	2.17	2.66	1.55	2.52	3.08
		3.0	1.19	1.94	2.38	1.39	2.25	2.76
		3.6	1.09	1.77	2.17	1.27	2.06	2.52
		4.2	1.01	1.64	2.01	1.17	1.90	2.33
		4.8	0.94	1.53	1.88	1.10	1.75	2.18
		5.4	0.89	1.41	1.77	1.03	1.62	2.06
		6.0	0.84	1.32	1.68	0.98	1.51	1.95
Northern	No.1/No.2	2.4	1.07	1.74	2.13	1.24	2.02	2.48
		3.0	0.96	1.56	1.91	1.11	1.81	2.21
		3.6	0.88	1.42	1.74	1.02	1.65	2.02
		4.2	0.81	1.32	1.61	0.94	1.53	1.87
		4.8	0.76	1.23	1.51	0.88	1.43	1.75
		5.4	0.71	1.16	1.42	0.83	1.35	1.65
		6.0	0.68	1.10	1.35	0.79	1.28	1.57

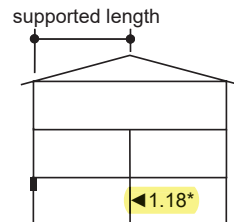
Notes: See notes of Table 9.20b.

Table 9.13a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 2.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	0.80	1.29	1.58	0.97	1.57	1.93
		3.0	0.71	1.16	1.42	0.87	1.41	1.72
		3.6	0.65	1.06	1.29	0.79	1.28	1.57
		4.2	0.60	0.98	1.20	0.73	1.19	1.46
		4.8	0.56	0.91	1.12	0.68	1.11	1.36
		5.4	0.53	0.86	1.06	0.65	1.05	1.28
		6.0	0.50	0.82	1.00	0.61	0.99	1.22
Hem-Fir	No.1/No.2	2.4	0.83	1.36	1.66	1.02	1.65	2.02
		3.0	0.75	1.21	1.49	0.91	1.48	1.81
		3.6	0.68	1.11	1.36	0.83	1.35	1.65
		4.2	0.63	1.02	1.26	0.77	1.25	1.53
		4.8	0.59	0.96	1.17	0.72	1.17	1.43
		5.4	0.56	0.90	1.11	0.68	1.10	1.35
		6.0	0.53	0.86	1.05	0.64	1.04	1.28

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.86	1.40	1.72	1.05	1.71	2.09
		3.0	0.77	1.26	1.54	0.94	1.53	1.87
		3.6	0.71	1.15	1.40	0.86	1.40	1.71
		4.2	0.65	1.06	1.30	0.80	1.29	1.58
		4.8	0.61	0.99	1.22	0.74	1.21	1.48
		5.4	0.58	0.94	1.15	0.70	1.12	1.40
		6.0	0.55	0.88	1.09	0.67	1.04	1.32
Northern	No.1/No.2	2.4	0.69	1.13	1.38	0.84	1.37	1.68
		3.0	0.62	1.01	1.23	0.75	1.23	1.50
		3.6	0.57	0.92	1.13	0.69	1.12	1.37
		4.2	0.52	0.85	1.04	0.64	1.04	1.27
		4.8	0.49	0.80	0.98	0.60	0.97	1.19
		5.4	0.46	0.75	0.92	0.56	0.91	1.12
		6.0	0.44	0.71	0.87	0.53	0.87	1.06

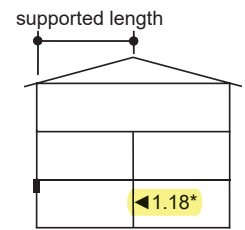
Notes: See notes of Table 9.20b.

Table 9.13b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 2.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	1.18	1.92	2.36	1.37	2.23	2.73
		3.0	1.06	1.72	2.11	1.23	2.00	2.45
		3.6	0.97	1.57	1.92	1.12	1.82	2.23
		4.2	0.89	1.45	1.78	1.04	1.69	2.07
		4.8	0.84	1.36	1.67	0.97	1.58	1.93
		5.4	0.79	1.28	1.57	0.92	1.49	1.82
		6.0	0.75	1.22	1.49	0.87	1.41	1.73
Hem-Fir	No.1/No.2	2.4	1.24	2.02	2.47	1.44	2.34	2.87
		3.0	1.11	1.80	2.21	1.29	2.09	2.56
		3.6	1.01	1.65	2.02	1.18	1.91	2.34
		4.2	0.94	1.53	1.87	1.09	1.77	2.17
		4.8	0.88	1.43	1.75	1.02	1.66	2.03
		5.4	0.83	1.34	1.65	0.96	1.56	1.91
		6.0	0.79	1.28	1.56	0.91	1.48	1.81

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.29	2.09	2.56	1.49	2.42	2.97
		3.0	1.15	1.87	2.29	1.33	2.17	2.66
		3.6	1.05	1.71	2.09	1.22	1.98	2.42
		4.2	0.97	1.58	1.93	1.13	1.82	2.24
		4.8	0.91	1.45	1.81	1.06	1.66	2.10
		5.4	0.86	1.34	1.71	0.99	1.54	1.98
		6.0	0.81	1.26	1.62	0.94	1.44	1.88
Northern	No.1/No.2	2.4	1.03	1.68	2.05	1.20	1.95	2.38
		3.0	0.92	1.50	1.84	1.07	1.74	2.13
		3.6	0.84	1.37	1.68	0.98	1.59	1.95
		4.2	0.78	1.27	1.55	0.91	1.47	1.80
		4.8	0.73	1.19	1.45	0.85	1.38	1.69
		5.4	0.69	1.12	1.37	0.80	1.30	1.59
		6.0	0.65	1.06	1.30	0.76	1.23	1.51

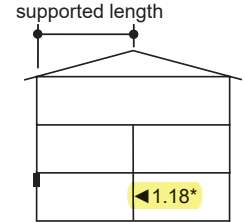
Notes: See notes of Table 9.20b.

Table 9.14a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 2.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	0.77	1.25	1.53	0.93	1.52	1.86
		3.0	0.69	1.12	1.37	0.84	1.36	1.66
		3.6	0.63	1.02	1.25	0.76	1.24	1.52
		4.2	0.58	0.94	1.16	0.71	1.15	1.41
		4.8	0.54	0.88	1.08	0.66	1.07	1.32
		5.4	0.51	0.83	1.02	0.62	1.01	1.24
		6.0	0.49	0.79	0.97	0.59	0.96	1.18
Hem-Fir	No.1/No.2	2.4	0.81	1.31	1.60	0.98	1.59	1.95
		3.0	0.72	1.17	1.43	0.88	1.42	1.74
		3.6	0.66	1.07	1.31	0.80	1.30	1.59
		4.2	0.61	0.99	1.21	0.74	1.20	1.47
		4.8	0.57	0.93	1.13	0.69	1.13	1.38
		5.4	0.54	0.87	1.07	0.65	1.06	1.30
		6.0	0.51	0.83	1.01	0.62	1.01	1.23

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1&2	2.4	0.83	1.36	1.66	1.02	1.65	2.02
		3.0	0.75	1.21	1.49	0.91	1.48	1.81
		3.6	0.68	1.11	1.36	0.83	1.35	1.65
		4.2	0.63	1.02	1.26	0.77	1.25	1.53
		4.8	0.59	0.96	1.17	0.72	1.15	1.43
		5.4	0.56	0.90	1.11	0.68	1.06	1.35
		6.0	0.53	0.84	1.05	0.64	0.99	1.28
Northern	No.1/No.2	2.4	0.67	1.09	1.33	0.81	1.32	1.62
		3.0	0.60	0.97	1.19	0.73	1.18	1.45
		3.6	0.55	0.89	1.09	0.67	1.08	1.32
		4.2	0.51	0.82	1.01	0.62	1.00	1.23
		4.8	0.47	0.77	0.94	0.58	0.94	1.15
		5.4	0.45	0.73	0.89	0.54	0.88	1.08
		6.0	0.42	0.69	0.84	0.52	0.84	1.03

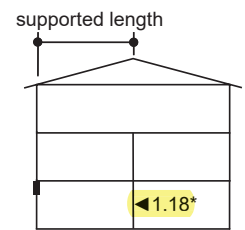
Notes: See notes of Table 9.20b.

Table 9.14b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 2.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	1.14	1.86	2.27	1.33	2.15	2.64
		3.0	1.02	1.66	2.03	1.19	1.93	2.36
		3.6	0.93	1.52	1.86	1.08	1.76	2.15
		4.2	0.86	1.40	1.72	1.00	1.63	2.00
		4.8	0.81	1.31	1.61	0.94	1.52	1.87
		5.4	0.76	1.24	1.52	0.88	1.44	1.76
		6.0	0.72	1.17	1.44	0.84	1.36	1.67
Hem-Fir	No.1/No.2	2.4	1.20	1.95	2.39	1.39	2.26	2.77
		3.0	1.07	1.74	2.13	1.24	2.02	2.48
		3.6	0.98	1.59	1.95	1.14	1.85	2.26
		4.2	0.91	1.47	1.80	1.05	1.71	2.09
		4.8	0.85	1.38	1.69	0.98	1.60	1.96
		5.4	0.80	1.30	1.59	0.93	1.51	1.85
		6.0	0.76	1.23	1.51	0.88	1.43	1.75

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.24	2.02	2.47	1.44	2.34	2.87
		3.0	1.11	1.80	2.21	1.29	2.09	2.56
		3.6	1.01	1.65	2.02	1.18	1.91	2.34
		4.2	0.94	1.52	1.87	1.09	1.73	2.17
		4.8	0.88	1.39	1.75	1.02	1.59	2.03
		5.4	0.83	1.29	1.65	0.96	1.47	1.91
		6.0	0.79	1.20	1.56	0.91	1.38	1.79
Northern	No.1/No.2	2.4	1.00	1.62	1.98	1.16	1.88	2.30
		3.0	0.89	1.45	1.77	1.03	1.68	2.06
		3.6	0.81	1.32	1.62	0.94	1.53	1.88
		4.2	0.75	1.22	1.50	0.87	1.42	1.74
		4.8	0.70	1.14	1.40	0.82	1.33	1.63
		5.4	0.66	1.08	1.32	0.77	1.25	1.53
		6.0	0.63	1.02	1.25	0.73	1.19	1.46

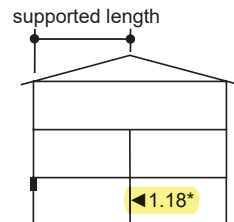
Notes: See notes of Table 9.20b.

Table 9.15a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 3.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	0.74	1.21	1.48	0.90	1.47	1.80
		3.0	0.66	1.08	1.32	0.81	1.31	1.61
		3.6	0.61	0.99	1.21	0.74	1.20	1.47
		4.2	0.56	0.91	1.12	0.68	1.11	1.36
		4.8	0.53	0.85	1.05	0.64	1.04	1.27
		5.4	0.50	0.81	0.99	0.60	0.98	1.20
		6.0	0.47	0.76	0.94	0.57	0.93	1.14
Hem-Fir	No.1/No.2	2.4	0.78	1.27	1.55	0.95	1.54	1.89
		3.0	0.70	1.13	1.39	0.85	1.38	1.69
		3.6	0.64	1.03	1.27	0.77	1.26	1.54
		4.2	0.59	0.96	1.17	0.72	1.17	1.43
		4.8	0.55	0.90	1.10	0.67	1.09	1.33
		5.4	0.52	0.84	1.03	0.63	1.03	1.26
		6.0	0.49	0.80	0.98	0.60	0.97	1.19

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.81	1.31	1.61	0.98	1.60	1.96
		3.0	0.72	1.17	1.44	0.88	1.43	1.75
		3.6	0.66	1.07	1.31	0.80	1.30	1.60
		4.2	0.61	0.99	1.21	0.74	1.21	1.48
		4.8	0.57	0.93	1.14	0.69	1.10	1.38
		5.4	0.54	0.86	1.07	0.66	1.02	1.30
		6.0	0.51	0.80	1.02	0.62	0.95	1.24
Northern	No.1/No.2	2.4	0.65	1.05	1.29	0.79	1.28	1.57
		3.0	0.58	0.94	1.15	0.71	1.15	1.40
		3.6	0.53	0.86	1.05	0.64	1.05	1.28
		4.2	0.49	0.80	0.97	0.60	0.97	1.19
		4.8	0.46	0.74	0.91	0.56	0.91	1.11
		5.4	0.43	0.70	0.86	0.53	0.85	1.05
		6.0	0.41	0.67	0.82	0.50	0.81	0.99

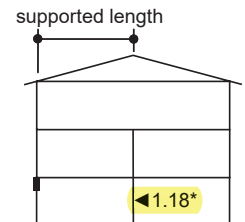
Notes: See notes of Table 9.20b.

Table 9.15b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 3.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	1.11	1.80	2.20	1.28	2.09	2.55
		3.0	0.99	1.61	1.97	1.15	1.87	2.28
		3.6	0.90	1.47	1.80	1.05	1.70	2.09
		4.2	0.84	1.36	1.66	0.97	1.58	1.93
		4.8	0.78	1.27	1.56	0.91	1.47	1.81
		5.4	0.74	1.20	1.47	0.86	1.39	1.70
		6.0	0.70	1.14	1.39	0.81	1.32	1.62
Hem-Fir	No.1/No.2	2.4	1.16	1.88	2.31	1.35	2.19	2.68
		3.0	1.04	1.69	2.06	1.20	1.96	2.40
		3.6	0.95	1.54	1.88	1.10	1.79	2.19
		4.2	0.88	1.42	1.74	1.02	1.65	2.02
		4.8	0.82	1.33	1.63	0.95	1.55	1.89
		5.4	0.77	1.26	1.54	0.90	1.46	1.79
		6.0	0.73	1.19	1.46	0.85	1.38	1.69

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.20	1.95	2.39	1.39	2.27	2.77
		3.0	1.07	1.75	2.14	1.25	2.03	2.48
		3.6	0.98	1.59	1.95	1.14	1.84	2.27
		4.2	0.91	1.45	1.81	1.05	1.66	2.10
		4.8	0.85	1.33	1.69	0.99	1.52	1.96
		5.4	0.80	1.23	1.59	0.93	1.42	1.84
		6.0	0.76	1.16	1.50	0.88	1.33	1.71
Northern	No.1/No.2	2.4	0.96	1.57	1.92	1.12	1.82	2.23
		3.0	0.86	1.40	1.72	1.00	1.63	1.99
		3.6	0.79	1.28	1.57	0.91	1.48	1.82
		4.2	0.73	1.18	1.45	0.85	1.37	1.68
		4.8	0.68	1.11	1.36	0.79	1.29	1.57
		5.4	0.64	1.04	1.28	0.75	1.21	1.48
		6.0	0.61	0.99	1.21	0.71	1.15	1.41

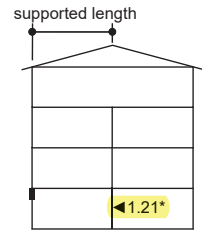
Notes: See notes of Table 9.20b.

Table 9.16a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 1.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	0.78	1.27	1.56	0.95	1.55	1.90
		3.0	0.70	1.14	1.40	0.85	1.39	1.70
		3.6	0.64	1.04	1.27	0.78	1.27	1.55
		4.2	0.59	0.96	1.18	0.72	1.17	1.43
		4.8	0.55	0.90	1.10	0.67	1.10	1.34
		5.4	0.52	0.85	1.04	0.64	1.03	1.27
		6.0	0.50	0.81	0.99	0.60	0.98	1.20
Hem-Fir	No.1/No.2	2.4	0.82	1.34	1.64	1.00	1.63	1.99
		3.0	0.74	1.19	1.46	0.89	1.45	1.78
		3.6	0.67	1.09	1.34	0.82	1.33	1.63
		4.2	0.62	1.01	1.24	0.76	1.23	1.50
		4.8	0.58	0.94	1.16	0.71	1.15	1.41
		5.4	0.55	0.89	1.09	0.67	1.08	1.33
		6.0	0.52	0.84	1.03	0.63	1.03	1.26

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.85	1.38	1.69	1.04	1.68	2.06
		3.0	0.76	1.24	1.52	0.93	1.51	1.84
		3.6	0.70	1.13	1.38	0.85	1.37	1.68
		4.2	0.64	1.05	1.28	0.78	1.27	1.56
		4.8	0.60	0.98	1.20	0.73	1.18	1.46
		5.4	0.57	0.92	1.13	0.69	1.09	1.37
		6.0	0.54	0.86	1.07	0.66	1.02	1.30
Northern	No.1/No.2	2.4	0.68	1.11	1.36	0.83	1.35	1.65
		3.0	0.61	0.99	1.22	0.74	1.21	1.48
		3.6	0.56	0.91	1.11	0.68	1.10	1.35
		4.2	0.52	0.84	1.03	0.63	1.02	1.25
		4.8	0.48	0.79	0.96	0.59	0.96	1.17
		5.4	0.46	0.74	0.91	0.55	0.90	1.10
		6.0	0.43	0.70	0.86	0.53	0.85	1.05

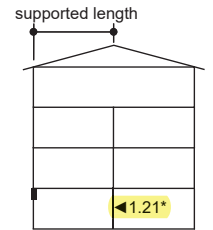
Notes: See notes of Table 9.20b.

Table 9.16b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 1.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	1.17	1.90	2.32	1.35	2.20	2.69
		3.0	1.04	1.69	2.08	1.21	1.97	2.41
		3.6	0.95	1.55	1.90	1.11	1.80	2.20
		4.2	0.88	1.43	1.75	1.02	1.66	2.04
		4.8	0.82	1.34	1.64	0.96	1.55	1.90
		5.4	0.78	1.26	1.55	0.90	1.47	1.80
		6.0	0.74	1.20	1.47	0.86	1.39	1.70
Hem-Fir	No.1/No.2	2.4	1.22	1.99	2.43	1.42	2.31	2.82
		3.0	1.09	1.78	2.18	1.27	2.06	2.53
		3.6	1.00	1.62	1.99	1.16	1.88	2.31
		4.2	0.92	1.50	1.84	1.07	1.74	2.14
		4.8	0.86	1.41	1.72	1.00	1.63	2.00
		5.4	0.82	1.33	1.62	0.95	1.54	1.88
		6.0	0.77	1.26	1.54	0.90	1.46	1.79

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.27	2.06	2.52	1.47	2.39	2.93
		3.0	1.13	1.84	2.26	1.31	2.14	2.62
		3.6	1.03	1.68	2.06	1.20	1.95	2.39
		4.2	0.96	1.56	1.91	1.11	1.78	2.21
		4.8	0.90	1.43	1.78	1.04	1.63	2.07
		5.4	0.84	1.32	1.68	0.98	1.51	1.95
		6.0	0.80	1.23	1.59	0.93	1.42	1.84
Northern	No.1/No.2	2.4	1.02	1.65	2.02	1.18	1.92	2.35
		3.0	0.91	1.48	1.81	1.06	1.71	2.10
		3.6	0.83	1.35	1.65	0.96	1.57	1.92
		4.2	0.77	1.25	1.53	0.89	1.45	1.77
		4.8	0.72	1.17	1.43	0.83	1.36	1.66
		5.4	0.68	1.10	1.35	0.79	1.28	1.57
		6.0	0.64	1.04	1.28	0.75	1.21	1.48

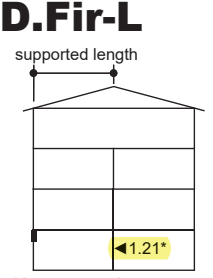
Notes: See notes of Table 9.20b.

Table 9.17a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 1.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	0.76	1.24	1.51	0.93	1.50	1.84
		3.0	0.68	1.11	1.35	0.83	1.35	1.65
		3.6	0.62	1.01	1.24	0.76	1.23	1.50
		4.2	0.58	0.93	1.14	0.70	1.14	1.39
		4.8	0.54	0.87	1.07	0.65	1.06	1.30
		5.4	0.51	0.82	1.01	0.62	1.00	1.23
		6.0	0.48	0.78	0.96	0.59	0.95	1.16
Hem-Fir	No.1/No.2	2.4	0.80	1.30	1.59	0.97	1.58	1.93
		3.0	0.71	1.16	1.42	0.87	1.41	1.73
		3.6	0.65	1.06	1.30	0.79	1.29	1.58
		4.2	0.60	0.98	1.20	0.73	1.19	1.46
		4.8	0.56	0.92	1.12	0.69	1.12	1.37
		5.4	0.53	0.86	1.06	0.65	1.05	1.29
		6.0	0.50	0.82	1.00	0.61	1.00	1.22

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.83	1.34	1.64	1.01	1.63	2.00
		3.0	0.74	1.20	1.47	0.90	1.46	1.79
		3.6	0.67	1.10	1.34	0.82	1.33	1.63
		4.2	0.62	1.01	1.24	0.76	1.23	1.51
		4.8	0.58	0.95	1.16	0.71	1.14	1.41
		5.4	0.55	0.89	1.10	0.67	1.05	1.33
		6.0	0.52	0.83	1.04	0.64	0.98	1.27
Northern	No.1/No.2	2.4	0.66	1.08	1.32	0.81	1.31	1.61
		3.0	0.59	0.96	1.18	0.72	1.17	1.44
		3.6	0.54	0.88	1.08	0.66	1.07	1.31
		4.2	0.50	0.81	1.00	0.61	0.99	1.21
		4.8	0.47	0.76	0.93	0.57	0.93	1.14
		5.4	0.44	0.72	0.88	0.54	0.87	1.07
		6.0	0.42	0.68	0.83	0.51	0.83	1.02

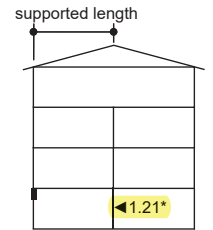
Notes: See notes of Table 9.20b.

Table 9.17b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 1.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	1.13	1.84	2.25	1.31	2.13	2.61
		3.0	1.01	1.64	2.01	1.17	1.91	2.34
		3.6	0.92	1.50	1.84	1.07	1.74	2.13
		4.2	0.86	1.39	1.70	0.99	1.61	1.98
		4.8	0.80	1.30	1.59	0.93	1.51	1.85
		5.4	0.75	1.23	1.50	0.88	1.42	1.74
		6.0	0.72	1.16	1.42	0.83	1.35	1.65
Hem-Fir	No.1/No.2	2.4	1.19	1.93	2.36	1.38	2.24	2.74
		3.0	1.06	1.73	2.11	1.23	2.00	2.45
		3.6	0.97	1.57	1.93	1.12	1.83	2.24
		4.2	0.90	1.46	1.79	1.04	1.69	2.07
		4.8	0.84	1.36	1.67	0.97	1.58	1.94
		5.4	0.79	1.29	1.57	0.92	1.49	1.83
		6.0	0.75	1.22	1.49	0.87	1.42	1.73

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.23	2.00	2.45	1.43	2.32	2.84
		3.0	1.10	1.79	2.19	1.28	2.07	2.54
		3.6	1.00	1.63	2.00	1.16	1.89	2.32
		4.2	0.93	1.50	1.85	1.08	1.71	2.15
		4.8	0.87	1.37	1.73	1.01	1.57	2.01
		5.4	0.82	1.27	1.63	0.95	1.46	1.89
		6.0	0.78	1.19	1.55	0.90	1.37	1.77
Northern	No.1/No.2	2.4	0.99	1.60	1.96	1.14	1.86	2.28
		3.0	0.88	1.43	1.76	1.02	1.66	2.04
		3.6	0.81	1.31	1.60	0.93	1.52	1.86
		4.2	0.75	1.21	1.48	0.87	1.41	1.72
		4.8	0.70	1.13	1.39	0.81	1.32	1.61
		5.4	0.66	1.07	1.31	0.76	1.24	1.52
		6.0	0.62	1.01	1.24	0.72	1.18	1.44

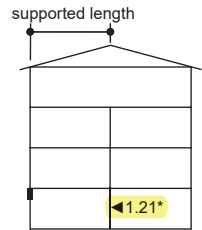
Notes: See notes of Table 9.20b.

Table 9.18a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 2.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	0.74	1.20	1.47	0.90	1.46	1.79
		3.0	0.66	1.07	1.32	0.80	1.31	1.60
		3.6	0.60	0.98	1.20	0.73	1.19	1.46
		4.2	0.56	0.91	1.11	0.68	1.11	1.35
		4.8	0.52	0.85	1.04	0.64	1.03	1.27
		5.4	0.49	0.80	0.98	0.60	0.97	1.19
		6.0	0.47	0.76	0.93	0.57	0.92	1.13
Hem-Fir	No.1/No.2	2.4	0.78	1.26	1.54	0.94	1.53	1.88
		3.0	0.69	1.13	1.38	0.84	1.37	1.68
		3.6	0.63	1.03	1.26	0.77	1.25	1.53
		4.2	0.59	0.95	1.17	0.71	1.16	1.42
		4.8	0.55	0.89	1.09	0.67	1.08	1.33
		5.4	0.52	0.84	1.03	0.63	1.02	1.25
		6.0	0.49	0.80	0.98	0.60	0.97	1.19

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.80	1.31	1.60	0.98	1.59	1.94
		3.0	0.72	1.17	1.43	0.87	1.42	1.74
		3.6	0.66	1.07	1.31	0.80	1.30	1.59
		4.2	0.61	0.99	1.21	0.74	1.20	1.47
		4.8	0.57	0.92	1.13	0.69	1.09	1.38
		5.4	0.54	0.85	1.07	0.65	1.01	1.30
		6.0	0.51	0.80	1.01	0.62	0.95	1.23
Northern	No.1/No.2	2.4	0.64	1.05	1.28	0.78	1.27	1.56
		3.0	0.58	0.94	1.15	0.70	1.14	1.40
		3.6	0.53	0.86	1.05	0.64	1.04	1.27
		4.2	0.49	0.79	0.97	0.59	0.96	1.18
		4.8	0.46	0.74	0.91	0.55	0.90	1.10
		5.4	0.43	0.70	0.86	0.52	0.85	1.04
		6.0	0.41	0.66	0.81	0.50	0.81	0.99

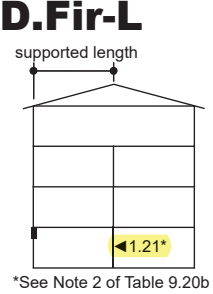
Notes: See notes of Table 9.20b.

Table 9.18b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 2.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	2.4	1.10	1.79	2.19	1.28	2.07	2.54
		3.0	0.98	1.60	1.96	1.14	1.86	2.27
		3.6	0.90	1.46	1.79	1.04	1.69	2.07
		4.2	0.83	1.35	1.66	0.97	1.57	1.92
		4.8	0.78	1.26	1.55	0.90	1.47	1.80
		5.4	0.73	1.19	1.46	0.85	1.38	1.69
		6.0	0.70	1.13	1.38	0.81	1.31	1.61
Hem-Fir	No.1/No.2	2.4	1.15	1.87	2.30	1.34	2.18	2.66
		3.0	1.03	1.68	2.05	1.20	1.95	2.38
		3.6	0.94	1.53	1.87	1.09	1.78	2.18
		4.2	0.87	1.42	1.74	1.01	1.64	2.01
		4.8	0.82	1.33	1.62	0.95	1.54	1.88
		5.4	0.77	1.25	1.53	0.89	1.45	1.78
		6.0	0.73	1.19	1.45	0.85	1.37	1.69

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.20	1.94	2.38	1.39	2.25	2.76
		3.0	1.07	1.74	2.13	1.24	2.02	2.47
		3.6	0.98	1.59	1.94	1.13	1.83	2.25
		4.2	0.90	1.44	1.80	1.05	1.65	2.09
		4.8	0.85	1.32	1.68	0.98	1.51	1.95
		5.4	0.80	1.23	1.59	0.92	1.41	1.83
		6.0	0.76	1.15	1.49	0.88	1.32	1.70
Northern	No.1/No.2	2.4	0.96	1.56	1.91	1.11	1.81	2.21
		3.0	0.86	1.39	1.71	1.00	1.62	1.98
		3.6	0.78	1.27	1.56	0.91	1.48	1.81
		4.2	0.73	1.18	1.44	0.84	1.37	1.67
		4.8	0.68	1.10	1.35	0.79	1.28	1.57
		5.4	0.64	1.04	1.27	0.74	1.21	1.48
		6.0	0.61	0.99	1.21	0.70	1.14	1.40

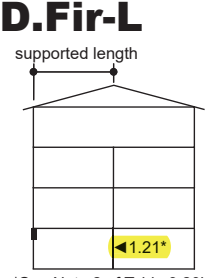
Notes: See notes of Table 9.20b.

Table 9.19a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 2.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	0.72	1.17	1.43	0.88	1.42	1.74
		3.0	0.64	1.05	1.28	0.78	1.27	1.56
		3.6	0.59	0.96	1.17	0.72	1.16	1.42
		4.2	0.54	0.88	1.08	0.66	1.08	1.32
		4.8	0.51	0.83	1.01	0.62	1.01	1.23
		5.4	0.48	0.78	0.96	0.58	0.95	1.16
		6.0	0.46	0.74	0.91	0.55	0.90	1.10
Hem-Fir	No.1/No.2	2.4	0.76	1.23	1.50	0.92	1.49	1.83
		3.0	0.68	1.10	1.34	0.82	1.34	1.64
		3.6	0.62	1.00	1.23	0.75	1.22	1.49
		4.2	0.57	0.93	1.14	0.69	1.13	1.38
		4.8	0.53	0.87	1.06	0.65	1.06	1.29
		5.4	0.50	0.82	1.00	0.61	1.00	1.22
		6.0	0.48	0.78	0.95	0.58	0.94	1.16

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.78	1.27	1.56	0.95	1.55	1.89
		3.0	0.70	1.14	1.39	0.85	1.38	1.69
		3.6	0.64	1.04	1.27	0.78	1.26	1.55
		4.2	0.59	0.96	1.18	0.72	1.15	1.43
		4.8	0.55	0.89	1.10	0.67	1.06	1.34
		5.4	0.52	0.82	1.04	0.63	0.98	1.26
		6.0	0.49	0.77	0.98	0.60	0.92	1.19
Northern	No.1/No.2	2.4	0.63	1.02	1.25	0.76	1.24	1.52
		3.0	0.56	0.91	1.12	0.68	1.11	1.36
		3.6	0.51	0.83	1.02	0.62	1.01	1.24
		4.2	0.47	0.77	0.94	0.58	0.94	1.15
		4.8	0.44	0.72	0.88	0.54	0.88	1.07
		5.4	0.42	0.68	0.83	0.51	0.83	1.01
		6.0	0.40	0.64	0.79	0.48	0.78	0.96

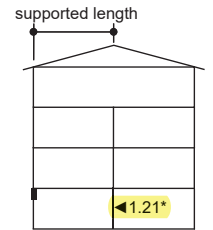
Notes: See notes of Table 9.20b.

Table 9.19b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 2.5 kPa

Species	Grade	Supported length (m)	Size of beam (mm)			Size of beam (mm)		
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	1.07	1.74	2.13	1.24	2.02	2.47
		3.0	0.96	1.56	1.91	1.11	1.81	2.21
		3.6	0.87	1.42	1.74	1.01	1.65	2.02
		4.2	0.81	1.32	1.61	0.94	1.53	1.87
		4.8	0.76	1.23	1.51	0.88	1.43	1.75
		5.4	0.71	1.16	1.42	0.83	1.35	1.65
		6.0	0.68	1.10	1.35	0.79	1.28	1.56
Hem-Fir	No.1/No.2	2.4	1.12	1.83	2.24	1.30	2.12	2.59
		3.0	1.00	1.63	2.00	1.17	1.89	2.32
		3.6	0.92	1.49	1.83	1.06	1.73	2.12
		4.2	0.85	1.38	1.69	0.99	1.60	1.96
		4.8	0.79	1.29	1.58	0.92	1.50	1.83
		5.4	0.75	1.22	1.49	0.87	1.41	1.73
		6.0	0.71	1.15	1.41	0.82	1.33	1.64

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.16	1.89	2.32	1.35	2.19	2.69
		3.0	1.04	1.69	2.07	1.21	1.96	2.40
		3.6	0.95	1.54	1.89	1.10	1.76	2.19
		4.2	0.88	1.39	1.75	1.02	1.59	2.03
		4.8	0.82	1.28	1.64	0.95	1.46	1.90
		5.4	0.78	1.19	1.54	0.90	1.36	1.76
		6.0	0.74	1.11	1.44	0.85	1.29	1.64
Northern	No.1/No.2	2.4	0.93	1.52	1.86	1.08	1.76	2.16
		3.0	0.84	1.36	1.66	0.97	1.57	1.93
		3.6	0.76	1.24	1.52	0.88	1.44	1.76
		4.2	0.71	1.15	1.40	0.82	1.33	1.63
		4.8	0.66	1.07	1.31	0.77	1.24	1.52
		5.4	0.62	1.01	1.24	0.72	1.17	1.44
		6.0	0.59	0.96	1.18	0.69	1.11	1.36

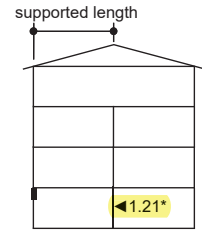
Notes: See notes of Table 9.20b.

Table 9.20a

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 3.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	0.70	1.14	1.40	0.85	1.39	1.70
		3.0	0.63	1.02	1.25	0.76	1.24	1.52
		3.6	0.57	0.93	1.14	0.70	1.13	1.39
		4.2	0.53	0.86	1.06	0.65	1.05	1.28
		4.8	0.50	0.81	0.99	0.60	0.98	1.20
		5.4	0.47	0.76	0.93	0.57	0.93	1.13
		6.0	0.44	0.72	0.88	0.54	0.88	1.07
Hem-Fir	No.1/No.2	2.4	0.74	1.20	1.46	0.90	1.46	1.78
		3.0	0.66	1.07	1.31	0.80	1.30	1.59
		3.6	0.60	0.98	1.20	0.73	1.19	1.46
		4.2	0.56	0.90	1.11	0.68	1.10	1.35
		4.8	0.52	0.85	1.04	0.63	1.03	1.26
		5.4	0.49	0.80	0.98	0.60	0.97	1.19
		6.0	0.47	0.76	0.93	0.57	0.92	1.13

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x140			38x184		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	0.76	1.24	1.52	0.93	1.51	1.85
		3.0	0.68	1.11	1.36	0.83	1.35	1.65
		3.6	0.62	1.01	1.24	0.76	1.23	1.51
		4.2	0.58	0.94	1.15	0.70	1.12	1.40
		4.8	0.54	0.86	1.07	0.66	1.02	1.31
		5.4	0.51	0.80	1.01	0.62	0.95	1.23
		6.0	0.48	0.74	0.96	0.59	0.89	1.15
Northern	No.1/No.2	2.4	0.61	0.99	1.22	0.74	1.21	1.48
		3.0	0.55	0.89	1.09	0.67	1.08	1.33
		3.6	0.50	0.81	0.99	0.61	0.99	1.21
		4.2	0.46	0.75	0.92	0.56	0.91	1.12
		4.8	0.43	0.70	0.86	0.53	0.86	1.05
		5.4	0.41	0.66	0.81	0.50	0.81	0.99
		6.0	0.39	0.63	0.77	0.47	0.77	0.94

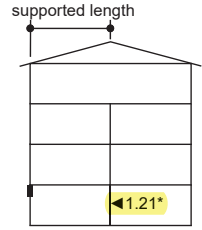
Notes: See notes of Table 9.20b.

Table 9.20b

Maximum Spans (m)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 3.0 kPa

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	2.4	1.04	1.70	2.08	1.21	1.97	2.41
		3.0	0.93	1.52	1.86	1.08	1.76	2.16
		3.6	0.85	1.39	1.70	0.99	1.61	1.97
		4.2	0.79	1.28	1.57	0.92	1.49	1.82
		4.8	0.74	1.20	1.47	0.86	1.39	1.71
		5.4	0.70	1.13	1.39	0.81	1.31	1.61
		6.0	0.66	1.07	1.31	0.77	1.25	1.53
Hem-Fir	No.1/No.2	2.4	1.10	1.78	2.18	1.27	2.06	2.53
		3.0	0.98	1.59	1.95	1.14	1.85	2.26
		3.6	0.89	1.45	1.78	1.04	1.69	2.06
		4.2	0.83	1.35	1.65	0.96	1.56	1.91
		4.8	0.77	1.26	1.54	0.90	1.46	1.79
		5.4	0.73	1.19	1.45	0.85	1.38	1.69
		6.0	0.69	1.12	1.38	0.80	1.29	1.60

Species	Grade	Supported length (m)	Size of beam (mm)					
			38x235			38x286		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	2.4	1.13	1.84	2.26	1.32	2.14	2.62
		3.0	1.01	1.65	2.02	1.18	1.91	2.34
		3.6	0.93	1.49	1.84	1.07	1.70	2.14
		4.2	0.86	1.34	1.71	0.99	1.54	1.98
		4.8	0.80	1.24	1.60	0.93	1.42	1.84
		5.4	0.76	1.15	1.49	0.88	1.32	1.70
		6.0	0.72	1.08	1.39	0.83	1.25	1.59
Northern	No.1/No.2	2.4	0.91	1.48	1.81	1.06	1.72	2.10
		3.0	0.81	1.32	1.62	0.94	1.54	1.88
		3.6	0.74	1.21	1.48	0.86	1.40	1.72
		4.2	0.69	1.12	1.37	0.80	1.30	1.59
		4.8	0.64	1.05	1.28	0.75	1.21	1.49
		5.4	0.61	0.99	1.21	0.70	1.14	1.40
		6.0	0.58	0.94	1.15	0.67	1.09	1.33

Table 10.3a

Maximum Spans, Not Incised (m)

Built-Up Deck Beams

Live Load = 1.9 kPa

Species	Grade	Supported length (m)	Size of beam (mm)	38x140				38x184			
				2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
D.Fir-L	No.1/No.2	1.2	2.35	2.88	3.23	3.48	2.87	3.51	4.05	4.53	
		1.8	1.92	2.35	2.72	3.04	2.34	2.87	3.31	3.70	
		2.4	1.67	2.04	2.35	2.63	2.03	2.48	2.87	3.20	
		3.0	1.49	1.82	2.11	2.35	1.81	2.22	2.56	2.87	
		3.6	1.36	1.67	1.92	2.15	1.65	2.03	2.34	2.62	
		4.2	1.26	1.54	1.78	1.99	1.53	1.88	2.17	2.42	
		4.8	1.18	1.44	1.67	1.86	1.43	1.75	2.03	2.27	
		5.4	1.11	1.36	1.57	1.76	1.35	1.65	1.91	2.14	
Hem-Fir	No.1/No.2	1.2	2.47	2.93	3.23	3.48	3.01	3.68	4.24	4.57	
		1.8	2.02	2.47	2.82	3.04	2.45	3.01	3.47	3.88	
		2.4	1.75	2.14	2.47	2.76	2.12	2.60	3.01	3.36	
		3.0	1.56	1.91	2.21	2.47	1.90	2.33	2.69	3.01	
		3.6	1.43	1.75	2.02	2.25	1.74	2.12	2.45	2.74	
		4.2	1.32	1.62	1.87	2.09	1.61	1.97	2.27	2.54	
		4.8	1.23	1.51	1.75	1.95	1.50	1.84	2.12	2.38	
		5.4	1.16	1.43	1.65	1.84	1.42	1.74	2.00	2.24	

Span values for a supported length of 6.0 m has been removed.

Species	Grade	Supported length (m)	38x140				38x184			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
S-P-F	No.1/No.2	1.2	2.44	2.79	3.07	3.31	3.11	3.67	4.04	4.35
		1.8	2.09	2.44	2.69	2.89	2.54	3.11	3.53	3.80
		2.4	1.81	2.22	2.44	2.63	2.20	2.70	3.11	3.45
		3.0	1.62	1.98	2.26	2.44	1.97	2.41	2.78	3.11
		3.6	1.48	1.81	2.09	2.30	1.80	2.20	2.54	2.84
		4.2	1.37	1.67	1.93	2.16	1.66	2.04	2.35	2.63
		4.8	1.28	1.57	1.81	2.02	1.56	1.91	2.20	2.46
		5.4	1.21	1.48	1.71	1.91	1.47	1.80	2.08	2.32
Northern	No.1/No.2	1.2	2.05	2.51	2.78	2.99	2.50	3.06	3.53	3.93
		1.8	1.68	2.05	2.37	2.61	2.04	2.50	2.88	3.22
		2.4	1.45	1.78	2.05	2.30	1.77	2.16	2.50	2.79
		3.0	1.30	1.59	1.84	2.05	1.58	1.93	2.23	2.50
		3.6	1.19	1.45	1.68	1.87	1.44	1.77	2.04	2.28
		4.2	1.10	1.34	1.55	1.74	1.34	1.64	1.89	2.11
		4.8	1.03	1.26	1.45	1.62	1.25	1.53	1.77	1.97
		5.4	0.97	1.19	1.37	1.53	1.18	1.44	1.67	1.86

Table 10.3a (continued) • **Built-Up Deck Beams - Not Incised**

Species	Grade	Supported length (m)	38x235				38x286			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
D.Fir-L	No.1/No.2	1.2	3.50	4.29	4.96	5.54	4.07	4.98	5.75	6.43
		1.8	2.86	3.50	4.05	4.52	3.32	4.07	4.69	5.25
		2.4	2.48	3.03	3.50	3.92	2.87	3.52	4.07	4.55
		3.0	2.22	2.71	3.13	3.50	2.57	3.15	3.64	4.07
		3.6	2.02	2.48	2.86	3.20	2.35	2.87	3.32	3.71
		4.2	1.87	2.29	2.65	2.96	2.17	2.66	3.07	3.44
		4.8	1.75	2.15	2.48	2.77	2.03	2.49	2.87	3.21
		5.4	1.65	2.02	2.34	2.61	1.92	2.35	2.71	3.03
Hem-Fir	No.1/No.2	1.2	3.67	4.50	5.20	5.72	4.26	5.22	6.03	6.63
		1.8	3.00	3.67	4.24	4.74	3.48	4.26	4.92	5.50
		2.4	2.60	3.18	3.67	4.11	3.02	3.69	4.26	4.77
		3.0	2.32	2.85	3.29	3.67	2.70	3.30	3.81	4.26
		3.6	2.12	2.60	3.00	3.35	2.46	3.02	3.48	3.89
		4.2	1.96	2.41	2.78	3.11	2.28	2.79	3.22	3.60
		4.8	1.84	2.25	2.60	2.91	2.13	2.61	3.02	3.37
		5.4	1.73	2.12	2.45	2.74	2.01	2.46	2.84	3.18

Species	Grade	Supported length (m)	38x235				38x286			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
S-P-F	No.1/No.2	1.2	3.81	4.66	5.16	5.52	4.42	5.41	6.05	6.39
		1.8	3.11	3.81	4.39	4.86	3.61	4.42	5.10	5.70
		2.4	2.69	3.30	3.81	4.26	3.12	3.82	4.42	4.94
		3.0	2.41	2.95	3.40	3.81	2.79	3.42	3.95	4.42
		3.6	2.20	2.69	3.11	3.47	2.55	3.12	3.61	4.03
		4.2	2.03	2.49	2.88	3.22	2.36	2.89	3.34	3.73
		4.8	1.90	2.33	2.69	3.01	2.21	2.70	3.12	3.49
		5.4	1.79	2.20	2.54	2.84	2.08	2.55	2.94	3.29
Northern	No.1/No.2	1.2	3.05	3.74	4.32	4.83	3.54	4.34	5.01	5.60
		1.8	2.49	3.05	3.53	3.94	2.89	3.54	4.09	4.58
		2.4	2.16	2.65	3.05	3.42	2.51	3.07	3.54	3.96
		3.0	1.93	2.37	2.73	3.05	2.24	2.75	3.17	3.54
		3.6	1.76	2.16	2.49	2.79	2.05	2.51	2.89	3.24
		4.2	1.63	2.00	2.31	2.58	1.89	2.32	2.68	3.00
		4.8	1.53	1.87	2.16	2.41	1.77	2.17	2.51	2.80
		5.4	1.44	1.76	2.04	2.28	1.67	2.05	2.36	2.64

Notes: See notes of Table 10.4b.

Table 10.3b Maximum Spans, Incised (m)

Built-Up Deck Beams

Live Load = 1.9 kPa

Species	Grade	Supported length (m)	38x140				38x184			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
D.Fir-L	No.1/No.2	1.2	2.17	2.66	3.07	3.42	2.64	3.24	3.74	4.18
		1.8	1.77	2.17	2.51	2.80	2.16	2.64	3.05	3.41
		2.4	1.54	1.88	2.17	2.43	1.87	2.29	2.64	2.95
		3.0	1.37	1.68	1.94	2.17	1.67	2.05	2.36	2.64
		3.6	1.25	1.54	1.77	1.98	1.53	1.87	2.16	2.41
		4.2	1.16	1.42	1.64	1.83	1.41	1.73	2.00	2.23
		4.8	1.09	1.33	1.54	1.72	1.32	1.62	1.87	2.09
		5.4	1.02	1.25	1.45	1.62	1.25	1.53	1.76	1.97
Hem-Fir	No.1/No.2	1.2	2.28	2.79	3.17	3.42	2.77	3.39	3.92	4.38
		1.8	1.86	2.28	2.63	2.94	2.26	2.77	3.20	3.58
		2.4	1.61	1.97	2.28	2.55	1.96	2.40	2.77	3.10
		3.0	1.44	1.76	2.04	2.28	1.75	2.15	2.48	2.77
		3.6	1.31	1.61	1.86	2.08	1.60	1.96	2.26	2.53
		4.2	1.22	1.49	1.72	1.92	1.48	1.81	2.09	2.34
		4.8	1.14	1.39	1.61	1.80	1.39	1.70	1.96	2.19
		5.4	1.07	1.31	1.52	1.70	1.31	1.60	1.85	2.07

Species	Grade	Supported length (m)	38x140				38x184			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
S-P-F	No.1/No.2	1.2	2.36	2.75	3.02	3.26	2.87	3.51	3.97	4.28
		1.8	1.93	2.36	2.64	2.84	2.34	2.87	3.31	3.70
		2.4	1.67	2.04	2.36	2.58	2.03	2.49	2.87	3.21
		3.0	1.49	1.83	2.11	2.36	1.81	2.22	2.57	2.87
		3.6	1.36	1.67	1.93	2.15	1.66	2.03	2.34	2.62
		4.2	1.26	1.54	1.78	1.99	1.53	1.88	2.17	2.43
		4.8	1.18	1.44	1.67	1.86	1.43	1.76	2.03	2.27
		5.4	1.11	1.36	1.57	1.76	1.35	1.66	1.91	2.14
Northern	No.1/No.2	1.2	1.89	2.32	2.68	2.94	2.30	2.82	3.26	3.64
		1.8	1.55	1.89	2.19	2.44	1.88	2.30	2.66	2.97
		2.4	1.34	1.64	1.89	2.12	1.63	1.99	2.30	2.57
		3.0	1.20	1.47	1.69	1.89	1.46	1.78	2.06	2.30
		3.6	1.09	1.34	1.55	1.73	1.33	1.63	1.88	2.10
		4.2	1.01	1.24	1.43	1.60	1.23	1.51	1.74	1.95
		4.8	0.95	1.16	1.34	1.50	1.15	1.41	1.63	1.82
		5.4	0.89	1.09	1.26	1.41	1.09	1.33	1.54	1.72

Table 10.3b (continued) • **Built-Up Deck Beams - Incised**

Species	Grade	Supported length (m)	38x235				38x286			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
D.Fir-L	No.1/No.2	1.2	3.23	3.96	4.57	5.11	3.75	4.59	5.30	5.93
		1.8	2.64	3.23	3.73	4.17	3.06	3.75	4.33	4.84
		2.4	2.28	2.80	3.23	3.61	2.65	3.25	3.75	4.19
		3.0	2.04	2.50	2.89	3.23	2.37	2.90	3.35	3.75
		3.6	1.86	2.28	2.64	2.95	2.16	2.65	3.06	3.42
		4.2	1.73	2.11	2.44	2.73	2.00	2.45	2.83	3.17
		4.8	1.62	1.98	2.28	2.55	1.87	2.30	2.65	2.96
		5.4	1.52	1.86	2.15	2.41	1.77	2.16	2.50	2.79
Hem-Fir	No.1/No.2	1.2	3.39	4.15	4.79	5.36	3.93	4.81	5.56	6.22
		1.8	2.77	3.39	3.91	4.37	3.21	3.93	4.54	5.08
		2.4	2.40	2.93	3.39	3.79	2.78	3.40	3.93	4.40
		3.0	2.14	2.62	3.03	3.39	2.49	3.05	3.52	3.93
		3.6	1.96	2.40	2.77	3.09	2.27	2.78	3.21	3.59
		4.2	1.81	2.22	2.56	2.86	2.10	2.57	2.97	3.32
		4.8	1.69	2.07	2.40	2.68	1.97	2.41	2.78	3.11
		5.4	1.60	1.96	2.26	2.53	1.85	2.27	2.62	2.93

Species	Grade	Supported length (m)	Size of beam (mm)							
			38x235				38x286			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
S-P-F	No.1/No.2	1.2	3.51	4.30	4.96	5.45	4.07	4.99	5.76	6.31
		1.8	2.87	3.51	4.05	4.53	3.32	4.07	4.70	5.26
		2.4	2.48	3.04	3.51	3.92	2.88	3.53	4.07	4.55
		3.0	2.22	2.72	3.14	3.51	2.58	3.15	3.64	4.07
		3.6	2.03	2.48	2.87	3.20	2.35	2.88	3.32	3.72
		4.2	1.88	2.30	2.65	2.97	2.18	2.67	3.08	3.44
		4.8	1.75	2.15	2.48	2.77	2.04	2.49	2.88	3.22
		5.4	1.65	2.03	2.34	2.62	1.92	2.35	2.71	3.03
Northern	No.1/No.2	1.2	2.82	3.45	3.98	4.45	3.27	4.00	4.62	5.17
		1.8	2.30	2.82	3.25	3.64	2.67	3.27	3.77	4.22
		2.4	1.99	2.44	2.82	3.15	2.31	2.83	3.27	3.65
		3.0	1.78	2.18	2.52	2.82	2.07	2.53	2.92	3.27
		3.6	1.63	1.99	2.30	2.57	1.89	2.31	2.67	2.98
		4.2	1.51	1.84	2.13	2.38	1.75	2.14	2.47	2.76
		4.8	1.41	1.72	1.99	2.23	1.63	2.00	2.31	2.58
		5.4	1.33	1.63	1.88	2.10	1.54	1.89	2.18	2.44

Notes: See notes of Table 10.4b.

Table 10.4a Maximum Spans, Not Incised (m)

Built-Up Deck Beams

Snow Load = 4.0 kPa

Species	Grade	Supported length (m)	38x140				38x184			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
D.Fir-L	No.1/No.2	1.2	1.71	2.09	2.41	2.70	2.08	2.54	2.93	3.28
		1.8	1.39	1.71	1.97	2.20	1.69	2.08	2.40	2.68
		2.4	1.21	1.48	1.71	1.91	1.47	1.80	2.08	2.32
		3.0	1.08	1.32	1.53	1.71	1.31	1.61	1.86	2.08
		3.6	0.98	1.21	1.39	1.56	1.20	1.47	1.69	1.89
		4.2	0.91	1.12	1.29	1.44	1.11	1.36	1.57	1.75
		4.8	0.85	1.04	1.21	1.35	1.04	1.27	1.47	1.64
5.4	0.80	0.98	1.14	1.27	0.98	1.20	1.38	1.55		
Hem-Fir	No.1/No.2	1.2	1.79	2.19	2.52	2.71	2.18	2.67	3.08	3.44
		1.8	1.46	1.79	2.07	2.31	1.78	2.18	2.51	2.81
		2.4	1.26	1.55	1.79	2.00	1.54	1.88	2.18	2.43
		3.0	1.13	1.39	1.60	1.79	1.38	1.69	1.95	2.18
		3.6	1.03	1.26	1.46	1.63	1.26	1.54	1.78	1.99
		4.2	0.96	1.17	1.35	1.51	1.16	1.42	1.65	1.84
		4.8	0.89	1.10	1.26	1.41	1.09	1.33	1.54	1.72
5.4	0.84	1.03	1.19	1.33	1.03	1.26	1.45	1.62		

Species	Grade	Supported length (m)	38x140				38x184			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
S-P-F	No.1/No.2	1.2	1.85	2.18	2.40	2.58	2.25	2.76	3.15	3.40
		1.8	1.51	1.85	2.10	2.26	1.84	2.25	2.60	2.91
		2.4	1.31	1.60	1.85	2.05	1.59	1.95	2.25	2.52
		3.0	1.17	1.44	1.66	1.85	1.43	1.75	2.02	2.25
		3.6	1.07	1.31	1.51	1.69	1.30	1.59	1.84	2.06
		4.2	0.99	1.21	1.40	1.57	1.20	1.48	1.70	1.91
		4.8	0.93	1.13	1.31	1.46	1.13	1.38	1.59	1.78
		5.4	0.87	1.07	1.24	1.38	1.06	1.30	1.50	1.68
Northern	No.1/No.2	1.2	1.49	1.82	2.10	2.33	1.81	2.22	2.56	2.86
		1.8	1.21	1.49	1.72	1.92	1.48	1.81	2.09	2.34
		2.4	1.05	1.29	1.49	1.66	1.28	1.57	1.81	2.02
		3.0	0.94	1.15	1.33	1.49	1.14	1.40	1.62	1.81
		3.6	0.86	1.05	1.21	1.36	1.04	1.28	1.48	1.65
		4.2	0.79	0.97	1.12	1.26	0.97	1.18	1.37	1.53
		4.8	0.74	0.91	1.05	1.18	0.90	1.11	1.28	1.43
		5.4	0.70	0.86	0.99	1.11	0.85	1.04	1.21	1.35

Table 10.4a (continued) • **Built-Up Deck Beams - Not Incised**

Species	Grade	Supported length (m)	38x235				38x286			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
D.Fir-L	No.1/No.2	1.2	2.54	3.11	3.59	4.01	2.94	3.61	4.16	4.66
		1.8	2.07	2.54	2.93	3.28	2.40	2.94	3.40	3.80
		2.4	1.79	2.20	2.54	2.84	2.08	2.55	2.94	3.29
		3.0	1.60	1.97	2.27	2.54	1.86	2.28	2.63	2.94
		3.6	1.47	1.79	2.07	2.32	1.70	2.08	2.40	2.69
		4.2	1.36	1.66	1.92	2.14	1.57	1.93	2.23	2.49
		4.8	1.27	1.55	1.79	2.01	1.47	1.80	2.08	2.33
		5.4	1.20	1.47	1.69	1.89	1.39	1.70	1.96	2.19
Hem-Fir	No.1/No.2	1.2	2.66	3.26	3.76	4.21	3.09	3.78	4.37	4.88
		1.8	2.17	2.66	3.07	3.44	2.52	3.09	3.57	3.99
		2.4	1.88	2.30	2.66	2.98	2.18	2.67	3.09	3.45
		3.0	1.68	2.06	2.38	2.66	1.95	2.39	2.76	3.09
		3.6	1.54	1.88	2.17	2.43	1.78	2.18	2.52	2.82
		4.2	1.42	1.74	2.01	2.25	1.65	2.02	2.33	2.61
		4.8	1.33	1.63	1.88	2.10	1.54	1.89	2.18	2.44
		5.4	1.25	1.54	1.77	1.98	1.46	1.78	2.06	2.30

Species	Grade	Supported length (m)	Size of beam (mm)							
			38x235				38x286			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
S-P-F	No.1/No.2	1.2	2.76	3.38	3.90	4.34	3.20	3.92	4.52	5.06
		1.8	2.25	2.76	3.18	3.56	2.61	3.20	3.69	4.13
		2.4	1.95	2.39	2.76	3.08	2.26	2.77	3.20	3.58
		3.0	1.74	2.14	2.47	2.76	2.02	2.48	2.86	3.20
		3.6	1.59	1.95	2.25	2.52	1.85	2.26	2.61	2.92
		4.2	1.47	1.80	2.08	2.33	1.71	2.09	2.42	2.70
		4.8	1.38	1.69	1.95	2.18	1.60	1.96	2.26	2.53
		5.4	1.30	1.59	1.84	2.05	1.51	1.85	2.13	2.38
Northern	No.1/No.2	1.2	2.21	2.71	3.13	3.50	2.57	3.14	3.63	4.06
		1.8	1.81	2.21	2.55	2.86	2.10	2.57	2.96	3.31
		2.4	1.56	1.92	2.21	2.47	1.82	2.22	2.57	2.87
		3.0	1.40	1.71	1.98	2.21	1.62	1.99	2.30	2.57
		3.6	1.28	1.56	1.81	2.02	1.48	1.82	2.10	2.34
		4.2	1.18	1.45	1.67	1.87	1.37	1.68	1.94	2.17
		4.8	1.11	1.35	1.56	1.75	1.28	1.57	1.82	2.03
		5.4	1.04	1.28	1.47	1.65	1.21	1.48	1.71	1.91

Notes: See notes of Table 10.4b.

Table 10.4b Maximum Spans, Incised (m)

Built-Up Deck Beams

Snow Load = 4.0 kPa

Species	Grade	Supported length (m)	38x140				38x184			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
D.Fir-L	No.1/No.2	1.2	1.57	1.93	2.22	2.49	1.91	2.34	2.71	3.03
		1.8	1.28	1.57	1.82	2.03	1.56	1.91	2.21	2.47
		2.4	1.11	1.36	1.57	1.76	1.35	1.66	1.91	2.14
		3.0	0.99	1.22	1.41	1.57	1.21	1.48	1.71	1.91
		3.6	0.91	1.11	1.28	1.44	1.10	1.35	1.56	1.75
		4.2	0.84	1.03	1.19	1.33	1.02	1.25	1.45	1.62
		4.8	0.79	0.96	1.11	1.24	0.96	1.17	1.35	1.51
5.4	0.74	0.91	1.05	1.17	0.90	1.10	1.28	1.43		
Hem-Fir	No.1/No.2	1.2	1.65	2.02	2.33	2.61	2.01	2.46	2.84	3.17
		1.8	1.35	1.65	1.90	2.13	1.64	2.01	2.32	2.59
		2.4	1.17	1.43	1.65	1.84	1.42	1.74	2.01	2.24
		3.0	1.04	1.28	1.48	1.65	1.27	1.55	1.79	2.01
		3.6	0.95	1.17	1.35	1.51	1.16	1.42	1.64	1.83
		4.2	0.88	1.08	1.25	1.39	1.07	1.31	1.52	1.70
		4.8	0.82	1.01	1.17	1.30	1.00	1.23	1.42	1.59
5.4	0.78	0.95	1.10	1.23	0.95	1.16	1.34	1.50		

Species	Grade	Supported length (m)	38x140				38x184			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
S-P-F	No.1/No.2	1.2	1.71	2.09	2.36	2.54	2.08	2.55	2.94	3.29
		1.8	1.39	1.71	1.97	2.21	1.70	2.08	2.40	2.68
		2.4	1.21	1.48	1.71	1.91	1.47	1.80	2.08	2.32
		3.0	1.08	1.32	1.53	1.71	1.31	1.61	1.86	2.08
		3.6	0.99	1.21	1.39	1.56	1.20	1.47	1.70	1.90
		4.2	0.91	1.12	1.29	1.44	1.11	1.36	1.57	1.76
		4.8	0.85	1.05	1.21	1.35	1.04	1.27	1.47	1.64
		5.4	0.81	0.99	1.14	1.27	0.98	1.20	1.39	1.55
Northern	No.1/No.2	1.2	1.37	1.68	1.94	2.17	1.67	2.04	2.36	2.64
		1.8	1.12	1.37	1.58	1.77	1.36	1.67	1.93	2.15
		2.4	0.97	1.19	1.37	1.53	1.18	1.44	1.67	1.86
		3.0	0.87	1.06	1.23	1.37	1.05	1.29	1.49	1.67
		3.6	0.79	0.97	1.12	1.25	0.96	1.18	1.36	1.52
		4.2	0.73	0.90	1.04	1.16	0.89	1.09	1.26	1.41
		4.8	0.69	0.84	0.97	1.08	0.83	1.02	1.18	1.32
		5.4	0.65	0.79	0.91	1.02	0.79	0.96	1.11	1.24

Table 10.4b (continued) • **Built-Up Deck Beams - Incised**

Species	Grade	Supported length (m)	38x235				38x286			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
D.Fir-L	No.1/No.2	1.2	2.34	2.87	3.31	3.70	2.71	3.32	3.84	4.29
		1.8	1.91	2.34	2.70	3.02	2.22	2.71	3.13	3.50
		2.4	1.65	2.03	2.34	2.62	1.92	2.35	2.71	3.04
		3.0	1.48	1.81	2.09	2.34	1.72	2.10	2.43	2.71
		3.6	1.35	1.65	1.91	2.14	1.57	1.92	2.22	2.48
		4.2	1.25	1.53	1.77	1.98	1.45	1.78	2.05	2.29
		4.8	1.17	1.43	1.65	1.85	1.36	1.66	1.92	2.15
		5.4	1.10	1.35	1.56	1.74	1.28	1.57	1.81	2.02
Hem-Fir	No.1/No.2	1.2	2.45	3.01	3.47	3.88	2.85	3.49	4.03	4.50
		1.8	2.00	2.45	2.83	3.17	2.32	2.85	3.29	3.68
		2.4	1.74	2.12	2.45	2.74	2.01	2.47	2.85	3.18
		3.0	1.55	1.90	2.19	2.45	1.80	2.21	2.55	2.85
		3.6	1.42	1.74	2.00	2.24	1.64	2.01	2.32	2.60
		4.2	1.31	1.61	1.85	2.07	1.52	1.86	2.15	2.41
		4.8	1.23	1.50	1.74	1.94	1.42	1.74	2.01	2.25
		5.4	1.16	1.42	1.64	1.83	1.34	1.64	1.90	2.12

Species	Grade	Supported length (m)	38x235				38x286			
			2-Ply	3-PLY	4-PLY	5-PLY	2-PLY	3-PLY	4-PLY	5-PLY
			S-P-F	No.1/No.2	1.2 1.8 2.4 3.0 3.6 4.2 4.8 5.4	2.54 2.08 1.80 1.61 1.47 1.36 1.27 1.20	3.11 2.54 2.20 1.97 1.80 1.66 1.56 1.47	3.59 2.93 2.54 2.27 2.08 1.92 1.80 1.69	4.02 3.28 2.84 2.54 2.32 2.15 2.01 1.89	2.95 2.41 2.09 1.87 1.70 1.58 1.47 1.39
Northern	No.1/No.2	1.2 1.8 2.4 3.0 3.6 4.2 4.8 5.4	2.04 1.67 1.44 1.29 1.18 1.09 1.02 0.96	2.50 2.04 1.77 1.58 1.44 1.34 1.25 1.18	2.88 2.36 2.04 1.82 1.67 1.54 1.44 1.36	3.22 2.63 2.28 2.04 1.86 1.72 1.61 1.52	2.37 1.93 1.67 1.50 1.37 1.27 1.18 1.12	2.90 2.37 2.05 1.83 1.67 1.55 1.45 1.37	3.35 2.73 2.37 2.12 1.93 1.79 1.67 1.58	3.74 3.06 2.65 2.37 2.16 2.00 1.87 1.76

Notes:

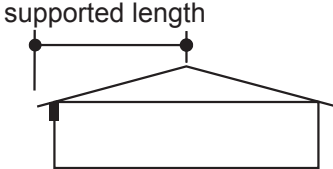
1. Beam depth must be equal to or greater than the joist depth if the joist hangers are used to fasten the beam to the support.
2. Span tables are not valid if joists span continuously over more than two supports. Engineering analysis is required in this situation.
3. Provide a minimum of 70 mm of bearing for beams.

Table 9.1a

Maximum Spans (ft.-in.)

**Lintels With Non-Structural Sheathing
Supporting Roof Only**

Snow Load = 20.9 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	5-2	8-4	10-0	6-3	10-2	12-5
		10	4-7	7-6	9-2	5-7	9-1	11-2
		12	4-2	6-10	8-4	5-1	8-4	10-2
		14	3-11	6-4	7-9	4-9	7-8	9-5
		16	3-8	5-11	7-3	4-5	7-2	8-10
		18	3-5	5-7	6-10	4-2	6-9	8-4
		20	3-3	5-3	6-6	3-11	6-5	7-10
Hem-Fir	No.1/No.2	8	5-5	8-8	10-0	6-7	10-8	13-1
		10	4-10	7-10	9-3	5-10	9-6	11-8
		12	4-5	7-2	8-8	5-4	8-8	10-8
		14	4-1	6-7	8-1	4-11	8-1	9-10
		16	3-10	6-2	7-7	4-8	7-6	9-3
		18	3-7	5-10	7-2	4-4	7-1	8-8
		20	3-5	5-6	6-9	4-2	6-9	8-3

Species	Grade	Supported length (ft.)	Size of beam (in.)			Size of beam (in.)		
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	5-7	8-4	9-6	6-10	10-11	12-6
		10	5-0	7-8	8-10	6-1	9-10	11-7
		12	4-7	7-3	8-4	5-7	9-0	10-11
		14	4-3	6-10	7-11	5-2	8-4	10-3
		16	3-11	6-5	7-6	4-10	7-10	9-7
		18	3-9	6-1	7-3	4-6	7-4	9-0
		20	3-6	5-9	7-0	4-4	7-0	8-7
Northern	No.1/No.2	8	4-6	7-3	8-7	5-5	8-10	10-10
		10	4-0	6-6	8-0	4-11	7-11	9-8
		12	3-8	5-11	7-3	4-5	7-3	8-10
		14	3-5	5-6	6-9	4-1	6-8	8-2
		16	3-2	5-2	6-4	3-10	6-3	7-8
		18	3-0	4-10	5-11	3-8	5-11	7-3
		20	2-10	4-7	5-8	3-5	5-7	6-10

Notes: See notes of Table 9.20b.

Table 9.1b

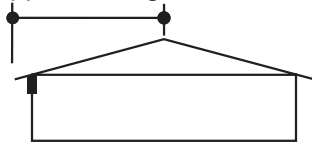
Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 20.9 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L	No.1/No.2	8	7-8	12-5	15-3	8-10	14-5	17-8
		10	6-10	11-1	13-7	7-11	12-11	15-10
		12	6-3	10-2	12-5	7-3	11-9	14-5
		14	5-9	9-5	11-6	6-8	10-11	13-4
		16	5-5	8-9	10-9	6-3	10-2	12-6
		18	5-1	8-3	10-2	5-11	9-7	11-9
		20	4-10	7-10	9-7	5-7	9-1	11-2
Hem-Fir	No.1/No.2	8	8-0	13-0	16-0	9-4	15-1	18-6
		10	7-2	11-8	14-3	8-4	13-6	16-7
		12	6-7	10-8	13-0	7-7	12-4	15-1
		14	6-1	9-10	12-1	7-0	11-5	14-0
		16	5-8	9-3	11-3	6-7	10-8	13-1
		18	5-4	8-8	10-8	6-2	10-1	12-4
		20	5-1	8-3	10-1	5-11	9-7	11-9

supported length



Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	8-4	13-6	15-11	9-8	15-8	18-11
		10	7-5	12-1	14-9	8-7	14-0	17-2
		12	6-9	11-0	13-6	7-10	12-9	15-8
		14	6-3	10-2	12-6	7-3	11-10	14-6
		16	5-10	9-7	11-8	6-10	11-1	13-7
		18	5-6	9-0	11-0	6-5	10-5	12-9
		20	5-3	8-6	10-5	6-1	9-11	12-2
Northern	No.1/No.2	8	6-8	10-10	13-3	7-9	12-7	15-5
		10	6-0	9-8	11-10	6-11	11-3	13-9
		12	5-5	8-10	10-10	6-4	10-3	12-7
		14	5-0	8-2	10-0	5-10	9-6	11-8
		16	4-9	7-8	9-5	5-6	8-11	10-11
		18	4-5	7-3	8-10	5-2	8-5	10-3
		20	4-3	6-10	8-5	4-11	7-11	9-9

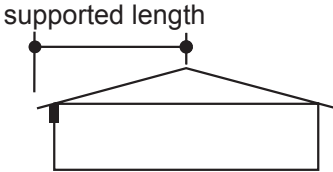
Notes: See notes of Table 9.20b.

Table 9.2a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 31.1 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	4-5	7-2	8-8	5-5	8-9	10-8
		10	3-11	6-5	7-10	4-10	7-10	9-7
		12	3-7	5-10	7-2	4-5	7-2	8-9
		14	3-4	5-5	6-8	4-1	6-7	8-1
		16	3-1	5-1	6-3	3-10	6-2	7-7
		18	2-11	4-9	5-10	3-7	5-10	7-2
		20	2-10	4-6	5-7	3-5	5-6	6-9
Hem-Fir	No.1/No.2	8	4-8	7-6	8-8	5-8	9-2	11-3
		10	4-2	6-9	8-1	5-1	8-2	10-0
		12	3-9	6-2	7-6	4-7	7-6	9-2
		14	3-6	5-8	7-0	4-3	6-11	8-6
		16	3-3	5-4	6-6	4-0	6-6	7-11
		18	3-1	5-0	6-2	3-9	6-1	7-6
		20	2-11	4-9	5-10	3-7	5-10	7-1

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-10	7-3	8-4	5-10	9-6	10-11
		10	4-4	6-9	7-8	5-3	8-6	10-1
		12	3-11	6-4	7-3	4-9	7-9	9-6
		14	3-8	5-11	6-11	4-5	7-2	8-9
		16	3-5	5-6	6-7	4-2	6-9	8-3
		18	3-2	5-2	6-4	3-11	6-4	7-9
		20	3-0	4-11	6-0	3-8	6-0	7-4
Northern	No.1/No.2	8	3-10	6-3	7-6	4-8	7-7	9-4
		10	3-5	5-7	6-10	4-2	6-10	8-4
		12	3-2	5-1	6-3	3-10	6-3	7-7
		14	2-11	4-9	5-10	3-7	5-9	7-1
		16	2-9	4-5	5-5	3-4	5-5	6-7
		18	2-7	4-2	5-1	3-1	5-1	6-3
		20	2-5	3-11	4-10	3-0	4-10	5-11

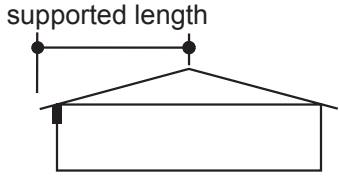
Notes: See notes of Table 9.20b.

Table 9.2b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 31.1 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	6-7	10-8	13-1	7-8	12-5	15-2
		10	5-11	9-7	11-8	6-10	11-1	13-7
		12	5-4	8-9	10-8	6-3	10-1	12-5
		14	5-0	8-1	9-11	5-9	9-4	11-6
		16	4-8	7-7	9-3	5-5	8-9	10-9
		18	4-5	7-1	8-9	5-1	8-3	10-1
		20	4-2	6-9	8-3	4-10	7-10	9-7
Hem-Fir	No.1/No.2	8	6-11	11-2	13-9	8-0	13-0	15-11
		10	6-2	10-0	12-3	7-2	11-8	14-3
		12	5-8	9-2	11-2	6-6	10-7	13-0
		14	5-3	8-6	10-4	6-1	9-10	12-0
		16	4-11	7-11	9-8	5-8	9-2	11-3
		18	4-7	7-6	9-2	5-4	8-8	10-7
		20	4-4	7-1	8-8	5-1	8-3	10-1

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	7-2	11-7	13-11	8-3	13-6	16-6
		10	6-5	10-5	12-9	7-5	12-1	14-9
		12	5-10	9-6	11-7	6-9	11-0	13-6
		14	5-5	8-9	10-9	6-3	10-2	12-6
		16	5-1	8-2	10-1	5-10	9-6	11-8
		18	4-9	7-9	9-6	5-6	9-0	11-0
		20	4-6	7-4	9-0	5-3	8-6	10-5
Northern	No.1/No.2	8	5-9	9-4	11-5	6-8	10-10	13-3
		10	5-2	8-4	10-2	5-11	9-8	11-10
		12	4-8	7-7	9-4	5-5	8-10	10-10
		14	4-4	7-0	8-7	5-0	8-2	10-0
		16	4-1	6-7	8-1	4-8	7-8	9-4
		18	3-10	6-2	7-7	4-5	7-2	8-10
		20	3-7	5-11	7-3	4-2	6-10	8-4

Notes: See notes of Table 9.20b.

Table 9.3a

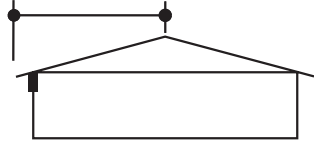
Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 41.8 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L	No.1/No.2	8	3-11	6-5	7-10	4-9	7-9	9-6
		10	3-6	5-9	7-0	4-3	6-11	8-6
		12	3-3	5-3	6-5	3-11	6-4	7-9
		14	3-0	4-10	5-11	3-7	5-11	7-2
		16	2-9	4-6	5-6	3-5	5-6	6-9
		18	2-7	4-3	5-3	3-2	5-2	6-4
		20	2-6	4-1	4-11	3-0	4-11	6-0
Hem-Fir	No.1/No.2	8	4-2	6-8	7-11	5-0	8-2	10-0
		10	3-8	6-0	7-4	4-6	7-4	8-11
		12	3-4	5-6	6-8	4-1	6-8	8-2
		14	3-1	5-1	6-2	3-10	6-2	7-7
		16	2-11	4-9	5-10	3-7	5-9	7-1
		18	2-9	4-6	5-6	3-4	5-5	6-8
		20	2-7	4-3	5-2	3-2	5-2	6-4

supported length



Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-3	6-7	7-6	5-2	8-5	9-11
		10	3-10	6-1	7-0	4-8	7-7	9-2
		12	3-6	5-8	6-7	4-3	6-11	8-5
		14	3-3	5-3	6-3	3-11	6-5	7-10
		16	3-0	4-11	6-0	3-8	6-0	7-4
		18	2-10	4-8	5-8	3-6	5-8	6-11
		20	2-8	4-5	5-5	3-3	5-4	6-7
Northern	No.1/No.2	8	3-5	5-7	6-10	4-2	6-9	8-4
		10	3-1	5-0	6-1	3-9	6-1	7-5
		12	2-10	4-7	5-7	3-5	5-6	6-9
		14	2-7	4-3	5-2	3-2	5-2	6-3
		16	2-5	3-11	4-10	2-11	4-10	5-10
		18	2-3	3-9	4-7	2-9	4-6	5-6
		20	2-2	3-6	4-4	2-8	4-3	5-3

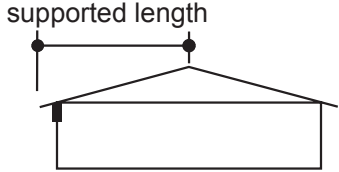
Notes: See notes of Table 9.20b.

Table 9.3b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 41.8 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	5-10	9-6	11-8	6-10	11-0	13-6
		10	5-3	8-6	10-5	6-1	9-10	12-1
		12	4-9	7-9	9-6	5-7	9-0	11-0
		14	4-5	7-2	8-10	5-2	8-4	10-3
		16	4-2	6-9	8-3	4-10	7-10	9-7
		18	3-11	6-4	7-9	4-6	7-4	9-0
		20	3-8	6-0	7-4	4-4	7-0	8-7
Hem-Fir	No.1/No.2	8	6-2	10-0	12-3	7-1	11-7	14-2
		10	5-6	8-11	10-11	6-4	10-4	12-8
		12	5-0	8-2	10-0	5-10	9-5	11-7
		14	4-8	7-6	9-3	5-5	8-9	10-9
		16	4-4	7-1	8-8	5-0	8-2	10-0
		18	4-1	6-8	8-2	4-9	7-9	9-5
		20	3-11	6-4	7-9	4-6	7-4	9-0

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	6-4	10-4	12-8	7-5	12-0	14-8
		10	5-8	9-3	11-4	6-7	10-9	13-2
		12	5-2	8-5	10-4	6-0	9-9	12-0
		14	4-10	7-10	9-7	5-7	9-1	11-1
		16	4-6	7-4	8-11	5-3	8-6	10-5
		18	4-3	6-11	8-5	4-11	8-0	9-9
		20	4-0	6-6	8-0	4-8	7-7	9-3
Northern	No.1/No.2	8	5-1	8-4	10-2	5-11	9-7	11-9
		10	4-7	7-5	9-1	5-4	8-7	10-6
		12	4-2	6-9	8-4	4-10	7-10	9-7
		14	3-10	6-3	7-8	4-6	7-3	8-11
		16	3-7	5-10	7-2	4-2	6-10	8-4
		18	3-5	5-6	6-9	3-11	6-5	7-10
		20	3-3	5-3	6-5	3-9	6-1	7-5

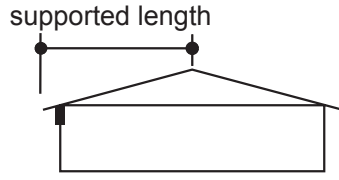
Notes: See notes of Table 9.20b.

Table 9.4a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 52.2 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	3-7	5-10	7-2	4-4	7-1	8-8
		10	3-2	5-2	6-4	3-11	6-4	7-9
		12	2-11	4-9	5-10	3-7	5-9	7-1
		14	2-8	4-5	5-5	3-4	5-4	6-7
		16	2-6	4-1	5-0	3-1	5-0	6-2
		18	2-5	3-11	4-9	2-11	4-9	5-9
		20	2-3	3-8	4-6	2-9	4-6	5-6
Hem-Fir	No.1/No.2	8	3-9	6-1	7-4	4-7	7-5	9-1
		10	3-4	5-6	6-8	4-1	6-8	8-2
		12	3-1	5-0	6-1	3-9	6-1	7-5
		14	2-10	4-7	5-8	3-5	5-7	6-11
		16	2-8	4-4	5-3	3-3	5-3	6-5
		18	2-6	4-1	5-0	3-1	4-11	6-1
		20	2-5	3-10	4-9	2-11	4-8	5-9

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-11	6-1	7-0	4-9	7-8	9-2
		10	3-6	5-8	6-6	4-3	6-11	8-5
		12	3-2	5-2	6-1	3-10	6-3	7-8
		14	2-11	4-9	5-10	3-7	5-10	7-1
		16	2-9	4-6	5-6	3-4	5-5	6-8
		18	2-7	4-3	5-2	3-2	5-2	6-3
		20	2-6	4-0	4-11	3-0	4-10	5-11
Northern	No.1/No.2	8	3-1	5-1	6-3	3-10	6-2	7-7
		10	2-10	4-6	5-7	3-5	5-6	6-9
		12	2-7	4-2	5-1	3-1	5-0	6-2
		14	2-4	3-10	4-8	2-10	4-8	5-9
		16	2-2	3-7	4-5	2-8	4-4	5-4
		18	2-1	3-5	4-2	2-6	4-1	5-0
		20	2-0	3-3	3-11	2-5	3-11	4-9

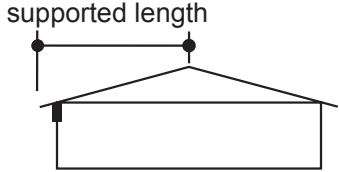
Notes: See notes of Table 9.20b.

Table 9.4b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 52.2 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	5-4	8-8	10-7	6-2	10-1	12-4
		10	4-9	7-9	9-6	5-6	9-0	11-0
		12	4-4	7-1	8-8	5-1	8-2	10-1
		14	4-0	6-7	8-0	4-8	7-7	9-4
		16	3-9	6-1	7-6	4-4	7-1	8-8
		18	3-7	5-9	7-1	4-1	6-8	8-2
		20	3-4	5-6	6-8	3-11	6-4	7-9
Hem-Fir	No.1/No.2	8	5-7	9-1	11-1	6-6	10-6	12-11
		10	5-0	8-1	9-11	5-10	9-5	11-7
		12	4-7	7-5	9-1	5-4	8-7	10-6
		14	4-3	6-10	8-5	4-11	8-0	9-9
		16	3-11	6-5	7-10	4-7	7-5	9-2
		18	3-9	6-1	7-5	4-4	7-0	8-7
		20	3-6	5-9	7-0	4-1	6-8	8-2

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	5-9	9-5	11-6	6-9	10-11	13-4
		10	5-2	8-5	10-4	6-0	9-9	11-11
		12	4-9	7-8	9-5	5-6	8-11	10-11
		14	4-5	7-1	8-8	5-1	8-3	10-1
		16	4-1	6-8	8-2	4-9	7-9	9-5
		18	3-10	6-3	7-8	4-6	7-3	8-11
		20	3-8	5-11	7-3	4-3	6-11	8-5
Northern	No.1/No.2	8	4-8	7-7	9-3	5-5	8-9	10-9
		10	4-2	6-9	8-3	4-10	7-10	9-7
		12	3-10	6-2	7-7	4-5	7-2	8-9
		14	3-6	5-8	7-0	4-1	6-7	8-1
		16	3-3	5-4	6-6	3-10	6-2	7-7
		18	3-1	5-0	6-2	3-7	5-10	7-2
		20	2-11	4-9	5-10	3-5	5-6	6-9

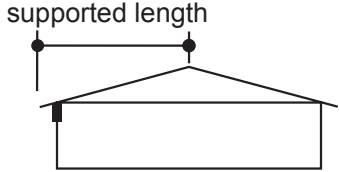
Notes: See notes of Table 9.20b.

Table 9.5a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 62.7 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	3-4	5-5	6-7	4-0	6-7	8-0
		10	3-0	4-10	5-11	3-7	5-10	7-2
		12	2-8	4-5	5-5	3-3	5-4	6-7
		14	2-6	4-1	5-0	3-1	4-11	6-1
		16	2-4	3-10	4-8	2-10	4-8	5-8
		18	2-2	3-7	4-5	2-8	4-4	5-4
		20	2-1	3-5	4-2	2-7	4-2	5-1
Hem-Fir	No.1/No.2	8	3-6	5-8	6-11	4-3	6-10	8-5
		10	3-1	5-1	6-2	3-9	6-2	7-6
		12	2-10	4-7	5-8	3-5	5-7	6-10
		14	2-7	4-3	5-3	3-2	5-2	6-4
		16	2-5	4-0	4-11	3-0	4-10	5-11
		18	2-4	3-9	4-7	2-10	4-7	5-7
		20	2-2	3-7	4-4	2-8	4-4	5-4

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-7	5-9	6-7	4-4	7-1	8-8
		10	3-3	5-3	6-1	3-11	6-4	7-9
		12	2-11	4-9	5-9	3-7	5-10	7-1
		14	2-9	4-5	5-5	3-4	5-4	6-7
		16	2-7	4-2	5-1	3-1	5-0	6-2
		18	2-5	3-11	4-9	2-11	4-9	5-10
		20	2-3	3-8	4-6	2-9	4-6	5-6
Northern	No.1/No.2	8	2-11	4-8	5-9	3-6	5-8	7-0
		10	2-7	4-2	5-2	3-2	5-1	6-3
		12	2-4	3-10	4-8	2-10	4-8	5-8
		14	2-2	3-7	4-4	2-8	4-4	5-3
		16	2-0	3-4	4-1	2-6	4-0	4-11
		18	1-11	3-1	3-10	2-4	3-10	4-8
		20	1-10	3-0	3-8	2-3	3-7	4-5

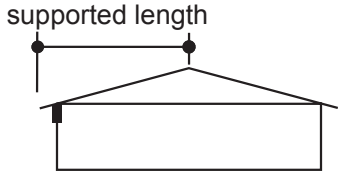
Notes: See notes of Table 9.20b.

Table 9.5b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting Roof Only

Snow Load = 62.7 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	4-11	8-0	9-10	5-9	9-3	11-4
		10	4-5	7-2	8-9	5-1	8-4	10-2
		12	4-0	6-6	8-0	4-8	7-7	9-3
		14	3-9	6-1	7-5	4-4	7-0	8-7
		16	3-6	5-8	6-11	4-0	6-7	8-0
		18	3-3	5-4	6-6	3-10	6-2	7-7
		20	3-1	5-1	6-2	3-7	5-10	7-2
Hem-Fir	No.1/No.2	8	5-2	8-5	10-3	6-0	9-9	11-11
		10	4-7	7-6	9-2	5-4	8-8	10-8
		12	4-3	6-10	8-5	4-11	7-11	9-9
		14	3-11	6-4	7-9	4-6	7-4	9-0
		16	3-8	5-11	7-3	4-3	6-11	8-5
		18	3-5	5-7	6-10	4-0	6-6	7-11
		20	3-3	5-4	6-6	3-9	6-2	7-6

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	5-4	8-8	10-8	6-2	10-1	12-4
		10	4-9	7-9	9-6	5-7	9-0	11-1
		12	4-4	7-1	8-8	5-1	8-3	10-1
		14	4-1	6-7	8-1	4-8	7-7	9-4
		16	3-9	6-2	7-6	4-5	7-2	8-9
		18	3-7	5-10	7-1	4-2	6-9	8-3
		20	3-5	5-6	6-9	3-11	6-5	7-10
Northern	No.1/No.2	8	4-4	7-0	8-6	5-0	8-1	9-11
		10	3-10	6-3	7-8	4-5	7-3	8-10
		12	3-6	5-8	7-0	4-1	6-7	8-1
		14	3-3	5-3	6-5	3-9	6-1	7-6
		16	3-0	4-11	6-0	3-6	5-9	7-0
		18	2-10	4-8	5-8	3-4	5-5	6-7
		20	2-9	4-5	5-5	3-2	5-1	6-3

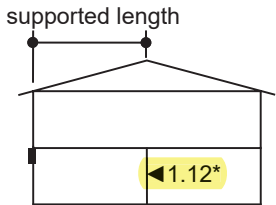
Notes: See notes of Table 9.20b.

Table 9.6a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 20.9 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)			Size of beam (in.)		
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  supported length *See Note 2 of Table 9.20b	No.1/No.2	8	3-4	5-4	6-7	4-0	6-6	8-0
		10	2-11	4-9	5-10	3-7	5-10	7-2
		12	2-8	4-4	5-4	3-3	5-4	6-6
		14	2-6	4-1	5-0	3-0	4-11	6-0
		16	2-4	3-9	4-8	2-10	4-7	5-8
		18	2-2	3-7	4-4	2-8	4-4	5-4
		20	2-1	3-5	4-2	2-6	4-1	5-1
Hem-Fir	No.1/No.2	8	3-5	5-7	6-11	4-2	6-10	8-4
		10	3-1	5-0	6-2	3-9	6-1	7-6
		12	2-10	4-7	5-7	3-5	5-7	6-10
		14	2-7	4-3	5-2	3-2	5-2	6-4
		16	2-5	4-0	4-10	3-0	4-10	5-11
		18	2-4	3-9	4-7	2-10	4-7	5-7
		20	2-2	3-7	4-4	2-8	4-4	5-4

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-7	5-10	6-11	4-4	7-1	8-8
		10	3-2	5-2	6-4	3-11	6-4	7-9
		12	2-11	4-9	5-10	3-7	5-9	7-1
		14	2-8	4-5	5-5	3-4	5-4	6-7
		16	2-6	4-1	5-0	3-1	5-0	6-2
		18	2-5	3-11	4-9	2-11	4-9	5-9
		20	2-3	3-8	4-6	2-9	4-6	5-6
Northern	No.1/No.2	8	2-10	4-8	5-9	3-6	5-8	6-11
		10	2-7	4-2	5-1	3-2	5-1	6-3
		12	2-4	3-10	4-8	2-10	4-8	5-8
		14	2-2	3-6	4-4	2-8	4-4	5-3
		16	2-0	3-4	4-1	2-6	4-0	4-11
		18	1-11	3-1	3-10	2-4	3-9	4-8
		20	1-10	2-11	3-7	2-3	3-7	4-5

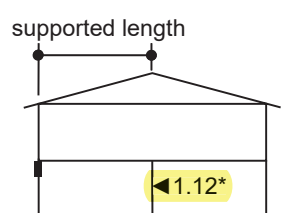
Notes: See notes of Table 9.20b.

Table 9.6b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 20.9 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-Ply	3-Ply	1-Ply	2-Ply	3-Ply
D.Fir-L supported length  *See Note 2 of Table 9.20b	No.1/No.2	8	4-11	8-0	9-9	5-8	9-3	11-4
		10	4-5	7-2	8-9	5-1	8-3	10-2
		12	4-0	6-6	8-0	4-8	7-7	9-3
		14	3-8	6-0	7-5	4-4	7-0	8-7
		16	3-6	5-8	6-11	4-0	6-6	8-0
		18	3-3	5-4	6-6	3-10	6-2	7-7
		20	3-1	5-0	6-2	3-7	5-10	7-2
Hem-Fir	No.1/No.2	8	5-2	8-4	10-3	6-0	9-8	11-11
		10	4-7	7-6	9-2	5-4	8-8	10-7
		12	4-2	6-10	8-4	4-10	7-11	9-8
		14	3-11	6-4	7-9	4-6	7-4	9-0
		16	3-8	5-11	7-3	4-3	6-10	8-5
		18	3-5	5-7	6-10	4-0	6-6	7-11
		20	3-3	5-3	6-6	3-9	6-2	7-6

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	5-4	8-8	10-7	6-2	10-1	12-4
		10	4-9	7-9	9-6	5-6	9-0	11-0
		12	4-4	7-1	8-8	5-1	8-2	10-1
		14	4-0	6-7	8-0	4-8	7-7	9-4
		16	3-9	6-1	7-6	4-4	7-1	8-8
		18	3-7	5-9	7-1	4-1	6-8	8-2
		20	3-4	5-6	6-8	3-11	6-4	7-9
Northern	No.1/No.2	8	4-3	6-11	8-6	5-0	8-1	9-10
		10	3-10	6-3	7-7	4-5	7-3	8-10
		12	3-6	5-8	6-11	4-1	6-7	8-1
		14	3-3	5-3	6-5	3-9	6-1	7-6
		16	3-0	4-11	6-0	3-6	5-8	7-0
		18	2-10	4-8	5-8	3-4	5-4	6-7
		20	2-8	4-5	5-5	3-2	5-1	6-3

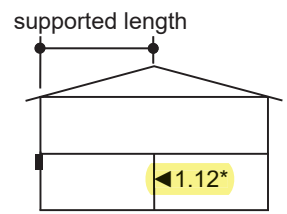
Notes: See notes of Table 9.20b.

Table 9.7a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 31.1 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  supported length *See Note 2 of Table 9.20b	No.1/No.2	8	3-1	5-0	6-2	3-9	6-2	7-6
		10	2-9	4-6	5-6	3-4	5-6	6-9
		12	2-6	4-1	5-0	3-1	5-0	6-2
		14	2-4	3-10	4-8	2-10	4-8	5-8
		16	2-2	3-7	4-4	2-8	4-4	5-4
		18	2-1	3-4	4-1	2-6	4-1	5-0
		20	2-0	3-2	3-11	2-5	3-11	4-9
Hem-Fir	No.1/No.2	8	3-3	5-3	6-6	3-11	6-5	7-10
		10	2-11	4-9	5-9	3-6	5-9	7-0
		12	2-8	4-4	5-3	3-3	5-3	6-5
		14	2-5	4-0	4-11	3-0	4-10	5-11
		16	2-4	3-9	4-7	2-10	4-7	5-7
		18	2-2	3-6	4-4	2-8	4-3	5-3
		20	2-1	3-4	4-1	2-6	4-1	5-0

Species	Grade	Supported length (ft.)	Size of beam (in.)			Size of beam (in.)		
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-4	5-6	6-6	4-1	6-8	8-2
		10	3-0	4-11	6-0	3-8	5-11	7-4
		12	2-9	4-6	5-6	3-4	5-5	6-8
		14	2-7	4-2	5-1	3-1	5-0	6-2
		16	2-5	3-10	4-9	2-11	4-8	5-9
		18	2-3	3-8	4-6	2-9	4-5	5-5
		20	2-2	3-6	4-3	2-7	4-3	5-2
Northern	No.1/No.2	8	2-8	4-5	5-5	3-3	5-4	6-7
		10	2-5	3-11	4-10	2-11	4-9	5-10
		12	2-2	3-7	4-5	2-8	4-4	5-4
		14	2-1	3-4	4-1	2-6	4-0	4-11
		16	1-11	3-1	3-10	2-4	3-9	4-8
		18	1-10	2-11	3-7	2-2	3-7	4-4
		20	1-9	2-9	3-5	2-1	3-5	4-2

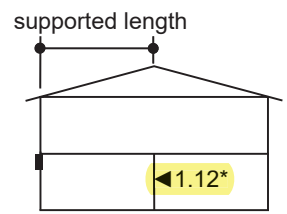
Notes: See notes of Table 9.20b.

Table 9.7b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 31.1 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  supported length *See Note 2 of Table 9.20b	No.1/No.2	8	4-7	7-6	9-2	5-4	8-8	10-8
		10	4-2	6-8	8-3	4-9	7-9	9-6
		12	3-9	6-1	7-6	4-4	7-1	8-8
		14	3-6	5-8	6-11	4-1	6-7	8-1
		16	3-3	5-4	6-6	3-9	6-2	7-6
		18	3-1	5-0	6-1	3-7	5-10	7-1
		20	2-11	4-9	5-10	3-5	5-6	6-9
Hem-Fir	No.1/No.2	8	4-10	7-10	9-8	5-7	9-1	11-2
		10	4-4	7-0	8-7	5-0	8-2	10-0
		12	3-11	6-5	7-10	4-7	7-5	9-1
		14	3-8	5-11	7-3	4-3	6-11	8-5
		16	3-5	5-7	6-10	4-0	6-5	7-11
		18	3-3	5-3	6-5	3-9	6-1	7-5
		20	3-1	5-0	6-1	3-7	5-9	7-1

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	5-0	8-2	10-0	5-10	9-5	11-7
		10	4-6	7-3	8-11	5-2	8-5	10-4
		12	4-1	6-8	8-2	4-9	7-9	9-5
		14	3-9	6-2	7-6	4-5	7-2	8-9
		16	3-7	5-9	7-1	4-1	6-8	8-2
		18	3-4	5-5	6-8	3-11	6-4	7-9
		20	3-2	5-2	6-4	3-8	5-11	7-4
Northern	No.1/No.2	8	4-0	6-6	8-0	4-8	7-7	9-3
		10	3-7	5-10	7-2	4-2	6-9	8-4
		12	3-3	5-4	6-6	3-10	6-2	7-7
		14	3-0	4-11	6-1	3-6	5-9	7-0
		16	2-10	4-7	5-8	3-4	5-4	6-7
		18	2-8	4-4	5-4	3-1	5-1	6-2
		20	2-7	4-2	5-1	2-11	4-10	5-10

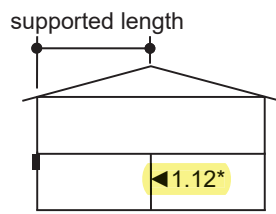
Notes: See notes of Table 9.20b.

Table 9.8a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 41.8 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  supported length *See Note 2 of Table 9.20b	No.1/No.2	8	2-11	4-9	5-10	3-7	5-10	7-1
		10	2-8	4-3	5-3	3-2	5-2	6-4
		12	2-5	3-11	4-9	2-11	4-9	5-10
		14	2-3	3-7	4-5	2-8	4-5	5-4
		16	2-1	3-4	4-2	2-6	4-1	5-0
		18	1-11	3-2	3-11	2-5	3-10	4-9
		20	1-10	3-0	3-8	2-3	3-8	4-6
Hem-Fir	No.1/No.2	8	3-1	5-0	6-2	3-9	6-1	7-5
		10	2-9	4-6	5-6	3-4	5-5	6-8
		12	2-6	4-1	5-0	3-1	5-0	6-1
		14	2-4	3-9	4-8	2-10	4-7	5-8
		16	2-2	3-6	4-4	2-8	4-4	5-3
		18	2-1	3-4	4-1	2-6	4-1	5-0
		20	1-11	3-2	3-10	2-4	3-10	4-9

Species	Grade	Supported length (ft.)	Size of beam (in.)			Size of beam (in.)		
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-2	5-2	6-3	3-11	6-4	7-9
		10	2-10	4-8	5-8	3-6	5-8	6-11
		12	2-7	4-3	5-2	3-2	5-2	6-4
		14	2-5	3-11	4-10	2-11	4-9	5-10
		16	2-3	3-8	4-6	2-9	4-5	5-6
		18	2-2	3-5	4-3	2-7	4-2	5-2
		20	2-0	3-3	4-0	2-5	4-0	4-11
Northern	No.1/No.2	8	2-7	4-2	5-1	3-1	5-1	6-2
		10	2-3	3-9	4-7	2-9	4-6	5-6
		12	2-1	3-5	4-2	2-7	4-2	5-1
		14	1-11	3-2	3-10	2-4	3-10	4-8
		16	1-10	2-11	3-7	2-2	3-7	4-5
		18	1-8	2-9	3-5	2-1	3-4	4-2
		20	1-7	2-8	3-3	2-0	3-2	3-11

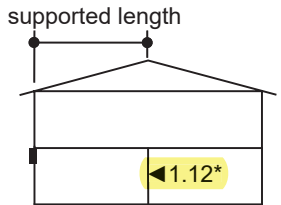
Notes: See notes of Table 9.20b.

Table 9.8b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 41.8 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-Ply	3-Ply	1-Ply	2-Ply	3-Ply
D.Fir-L  *See Note 2 of Table 9.20b	No.1/No.2	8	4-4	7-1	8-8	5-1	8-3	10-1
		10	3-11	6-4	7-9	4-6	7-4	9-0
		12	3-7	5-10	7-1	4-2	6-9	8-3
		14	3-4	5-4	6-7	3-10	6-3	7-7
		16	3-1	5-0	6-2	3-7	5-10	7-2
		18	2-11	4-9	5-10	3-5	5-6	6-9
		20	2-9	4-6	5-6	3-2	5-2	6-5
Hem-Fir	No.1/No.2	8	4-7	7-5	9-1	5-4	8-8	10-7
		10	4-1	6-8	8-2	4-9	7-9	9-6
		12	3-9	6-1	7-5	4-4	7-1	8-8
		14	3-6	5-8	6-11	4-0	6-6	8-0
		16	3-3	5-3	6-5	3-9	6-1	7-6
		18	3-1	5-0	6-1	3-7	5-9	7-1
		20	2-11	4-8	5-9	3-4	5-6	6-8

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-9	7-8	9-5	5-6	8-11	10-11
		10	4-3	6-11	8-5	4-11	8-0	9-10
		12	3-10	6-4	7-8	4-6	7-4	8-11
		14	3-7	5-10	7-2	4-2	6-9	8-3
		16	3-4	5-5	6-8	3-11	6-4	7-9
		18	3-2	5-2	6-4	3-8	5-11	7-4
		20	3-0	4-10	6-0	3-6	5-6	6-11
Northern	No.1/No.2	8	3-10	6-2	7-7	4-5	7-2	8-9
		10	3-5	5-6	6-9	3-11	6-5	7-10
		12	3-1	5-1	6-2	3-7	5-10	7-2
		14	2-11	4-8	5-9	3-4	5-5	6-8
		16	2-8	4-4	5-4	3-1	5-1	6-3
		18	2-6	4-1	5-1	2-11	4-9	5-10
		20	2-5	3-11	4-9	2-10	4-6	5-7

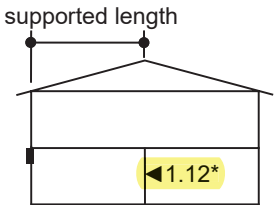
Notes: See notes of Table 9.20b.

Table 9.9a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 52.2 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)			Size of beam (in.)		
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	2-10	4-6	5-7	3-5	5-6	6-9
		10	2-6	4-1	5-0	3-0	4-11	6-1
		12	2-3	3-8	4-6	2-9	4-6	5-6
		14	2-1	3-5	4-2	2-7	4-2	5-1
		16	2-0	3-3	3-11	2-5	3-11	4-9
		18	1-10	3-0	3-8	2-3	3-8	4-6
		20	1-9	2-10	3-6	2-2	3-6	4-3
Hem-Fir	No.1/No.2	8	2-11	4-9	5-10	3-7	5-10	7-1
		10	2-7	4-3	5-3	3-2	5-2	6-4
		12	2-5	3-11	4-9	2-11	4-9	5-10
		14	2-3	3-7	4-5	2-8	4-5	5-4
		16	2-1	3-4	4-1	2-6	4-1	5-0
		18	1-11	3-2	3-11	2-5	3-10	4-9
		20	1-10	3-0	3-8	2-3	3-8	4-6

*See Note 2 of Table 9.20b

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-0	4-11	6-0	3-8	6-0	7-4
		10	2-9	4-5	5-5	3-4	5-4	6-7
		12	2-6	4-0	4-11	3-0	4-11	6-0
		14	2-4	3-9	4-7	2-9	4-6	5-7
		16	2-2	3-6	4-3	2-7	4-3	5-2
		18	2-0	3-3	4-0	2-6	4-0	4-11
		20	1-11	3-1	3-10	2-4	3-9	4-8
Northern	No.1/No.2	8	2-5	3-11	4-10	3-0	4-10	5-11
		10	2-2	3-6	4-4	2-8	4-4	5-3
		12	2-0	3-3	3-11	2-5	3-11	4-10
		14	1-10	3-0	3-8	2-3	3-8	4-5
		16	1-9	2-10	3-5	2-1	3-5	4-2
		18	1-7	2-8	3-3	2-0	3-3	3-11
		20	1-6	2-6	3-1	1-10	3-1	3-9

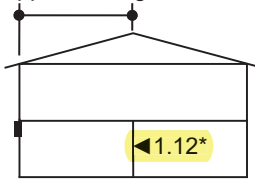
Notes: See notes of Table 9.20b.

Table 9.9b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 52.2 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L supported length 	No.1/No.2	8	4-2	6-9	8-3	4-10	7-10	9-7
		10	3-9	6-0	7-5	4-4	7-0	8-7
		12	3-5	5-6	6-9	3-11	6-5	7-10
		14	3-2	5-1	6-3	3-8	5-11	7-3
		16	2-11	4-9	5-10	3-5	5-7	6-9
		18	2-9	4-6	5-6	3-3	5-3	6-5
		20	2-8	4-3	5-3	3-1	4-11	6-1
Hem-Fir	No.1/No.2	8	4-4	7-1	8-8	5-1	8-3	10-1
		10	3-11	6-4	7-9	4-6	7-4	9-0
		12	3-7	5-9	7-1	4-2	6-9	8-3
		14	3-4	5-4	6-7	3-10	6-3	7-7
		16	3-1	5-0	6-2	3-7	5-10	7-1
		18	2-11	4-9	5-9	3-4	5-6	6-9
		20	2-9	4-6	5-6	3-2	5-2	6-4

*See Note 2 of Table 9.20b

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-6	7-4	9-0	5-3	8-6	10-5
		10	4-0	6-7	8-0	4-8	7-7	9-4
		12	3-8	6-0	7-4	4-3	6-11	8-6
		14	3-5	5-7	6-10	4-0	6-5	7-11
		16	3-2	5-2	6-4	3-8	6-0	7-4
		18	3-0	4-10	6-0	3-6	5-6	6-11
		20	2-10	4-6	5-8	3-4	5-2	6-7
Northern	No.1/No.2	8	3-7	5-11	7-3	4-2	6-10	8-4
		10	3-3	5-3	6-5	3-9	6-1	7-6
		12	3-0	4-10	5-11	3-5	5-7	6-10
		14	2-9	4-5	5-5	3-2	5-2	6-4
		16	2-7	4-2	5-1	3-0	4-10	5-11
		18	2-5	3-11	4-10	2-10	4-7	5-7
		20	2-4	3-9	4-7	2-8	4-4	5-4

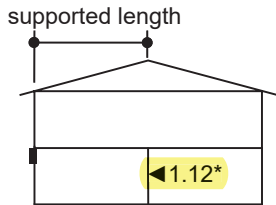
Notes: See notes of Table 9.20b.

Table 9.10a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 62.7 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)			Size of beam (in.)		
			2x6			2x8		
			1-Ply	2-Ply	3-Ply	1-Ply	2-Ply	3-Ply
D.Fir-L 	No.1/No.2	8	2-8	4-4	5-4	3-3	5-3	6-6
		10	2-5	3-11	4-9	2-11	4-9	5-9
		12	2-2	3-7	4-4	2-8	4-4	5-3
		14	2-0	3-3	4-0	2-5	4-0	4-11
		16	1-11	3-1	3-9	2-4	3-9	4-7
		18	1-9	2-11	3-7	2-2	3-6	4-4
		20	1-8	2-9	3-4	2-1	3-4	4-1
Hem-Fir	No.1/No.2	8	2-10	4-7	5-7	3-5	5-6	6-9
		10	2-6	4-1	5-0	3-1	4-11	6-1
		12	2-3	3-9	4-7	2-9	4-6	5-6
		14	2-1	3-5	4-3	2-7	4-2	5-2
		16	2-0	3-3	3-11	2-5	3-11	4-10
		18	1-10	3-0	3-9	2-3	3-8	4-6
		20	1-9	2-11	3-6	2-2	3-6	4-3

*See Note 2 of Table 9.20b

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-11	4-9	5-9	3-6	5-9	7-0
		10	2-7	4-3	5-2	3-2	5-2	6-3
		12	2-4	3-10	4-9	2-11	4-8	5-9
		14	2-2	3-7	4-4	2-8	4-4	5-4
		16	2-1	3-4	4-1	2-6	4-1	5-0
		18	1-11	3-2	3-10	2-4	3-9	4-8
		20	1-10	3-0	3-8	2-3	3-6	4-5
Northern	No.1/No.2	8	2-4	3-9	4-8	2-10	4-7	5-8
		10	2-1	3-5	4-2	2-6	4-1	5-1
		12	1-11	3-1	3-9	2-4	3-9	4-7
		14	1-9	2-10	3-6	2-2	3-6	4-3
		16	1-8	2-8	3-3	2-0	3-3	4-0
		18	1-7	2-6	3-1	1-11	3-1	3-9
		20	1-6	2-5	2-11	1-10	2-11	3-7

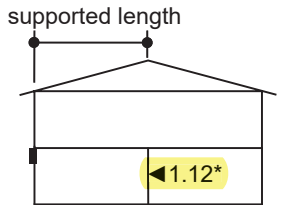
Notes: See notes of Table 9.20b.

Table 9.10b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 1 Storey & Roof

Snow Load = 62.7 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  supported length *See Note 2 of Table 9.20b	No.1/No.2	8	4-0	6-5	7-11	4-7	7-6	9-2
		10	3-7	5-9	7-1	4-1	6-8	8-3
		12	3-3	5-3	6-5	3-9	6-1	7-6
		14	3-0	4-11	6-0	3-6	5-8	6-11
		16	2-10	4-7	5-7	3-3	5-4	6-6
		18	2-8	4-4	5-3	3-1	5-0	6-1
		20	2-6	4-1	5-0	2-11	4-9	5-10
		Hem-Fir	No.1/No.2	8	4-2	6-9	8-4	4-10
10	3-9			6-1	7-5	4-4	7-0	8-7
12	3-5			5-6	6-9	3-11	6-5	7-10
14	3-2			5-1	6-3	3-8	5-11	7-3
16	2-11			4-9	5-10	3-5	5-7	6-10
18	2-9			4-6	5-6	3-3	5-3	6-5
20	2-8			4-3	5-3	3-1	5-0	6-1

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10	2x12				
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-4	7-0	8-7	5-0	8-2	10-0
		10	3-10	6-3	7-8	4-6	7-3	8-11
		12	3-6	5-9	7-0	4-1	6-8	8-2
		14	3-3	5-4	6-6	3-9	6-2	7-6
		16	3-1	4-11	6-1	3-7	5-7	7-1
		18	2-11	4-7	5-9	3-4	5-2	6-8
		20	2-9	4-3	5-5	3-2	4-10	6-4
Northern	No.1/No.2	8	3-6	5-8	6-11	4-0	6-6	8-0
		10	3-1	5-0	6-2	3-7	5-10	7-2
		12	2-10	4-7	5-8	3-3	5-4	6-6
		14	2-7	4-3	5-3	3-0	4-11	6-1
		16	2-5	4-0	4-11	2-10	4-7	5-8
		18	2-4	3-9	4-7	2-8	4-4	5-4
		20	2-2	3-7	4-4	2-7	4-2	5-1

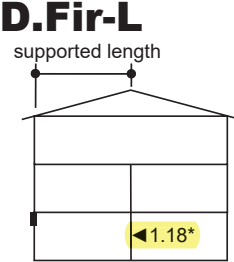
Notes: See notes of Table 9.20b.

Table 9.11a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 20.9 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	2-10	4-7	5-7	3-5	5-7	6-10
		10	2-6	4-1	5-0	3-1	5-0	6-1
		12	2-4	3-9	4-7	2-10	4-7	5-7
		14	2-2	3-6	4-3	2-7	4-3	5-2
		16	2-0	3-3	4-0	2-5	3-11	4-10
		18	1-11	3-1	3-9	2-3	3-9	4-7
		20	1-9	2-11	3-7	2-2	3-6	4-4
Hem-Fir	No.1/No.2	8	3-0	4-10	5-11	3-7	5-10	7-2
		10	2-8	4-4	5-3	3-3	5-3	6-5
		12	2-5	3-11	4-10	2-11	4-9	5-10
		14	2-3	3-8	4-5	2-9	4-5	5-5
		16	2-1	3-5	4-2	2-7	4-2	5-1
		18	2-0	3-3	3-11	2-5	3-11	4-9
		20	1-10	3-1	3-9	2-3	3-8	4-6

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-1	5-0	6-1	3-9	6-1	7-5
		10	2-9	4-6	5-6	3-4	5-5	6-8
		12	2-6	4-1	5-0	3-1	4-11	6-1
		14	2-4	3-9	4-7	2-10	4-7	5-7
		16	2-2	3-6	4-4	2-8	4-3	5-3
		18	2-1	3-4	4-1	2-6	4-1	4-11
		20	1-11	3-2	3-10	2-4	3-9	4-8
Northern	No.1/No.2	8	2-6	4-0	4-11	3-0	4-10	6-0
		10	2-2	3-7	4-5	2-8	4-4	5-4
		12	2-0	3-3	4-0	2-5	4-0	4-10
		14	1-10	3-0	3-8	2-3	3-8	4-6
		16	1-9	2-10	3-6	2-1	3-5	4-3
		18	1-8	2-8	3-3	2-0	3-3	4-0
		20	1-7	2-6	3-1	1-11	3-1	3-9

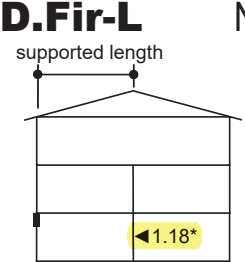
Notes: See notes of Table 9.20b.

Table 9.11b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing
Supporting 2 Storeys & Roof

Snow Load = 20.9 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-Ply	3-Ply	1-Ply	2-Ply	3-Ply
D.Fir-L 	No.1/No.2	8	4-2	6-10	8-4	4-11	7-11	9-8
		10	3-9	6-1	7-6	4-4	7-1	8-8
		12	3-5	5-7	6-10	4-0	6-6	7-11
		14	3-2	5-2	6-4	3-8	6-0	7-4
		16	3-0	4-10	5-11	3-5	5-7	6-10
		18	2-10	4-7	5-7	3-3	5-3	6-6
		20	2-8	4-4	5-3	3-1	5-0	6-2
Hem-Fir	No.1/No.2	8	4-5	7-2	8-9	5-1	8-4	10-2
		10	3-11	6-5	7-10	4-7	7-5	9-1
		12	3-7	5-10	7-2	4-2	6-9	8-4
		14	3-4	5-5	6-8	3-10	6-3	7-8
		16	3-1	5-1	6-2	3-7	5-11	7-2
		18	2-11	4-9	5-10	3-5	5-6	6-9
		20	2-9	4-6	5-7	3-3	5-3	6-5

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-7	7-5	9-1	5-4	8-7	10-6
		10	4-1	6-8	8-2	4-9	7-8	9-5
		12	3-9	6-1	7-5	4-4	7-0	8-7
		14	3-5	5-7	6-10	4-0	6-6	8-0
		16	3-3	5-3	6-5	3-9	6-1	7-5
		18	3-1	4-11	6-1	3-6	5-7	7-0
		20	2-11	4-7	5-9	3-4	5-3	6-8
Northern	No.1/No.2	8	3-8	5-11	7-3	4-3	6-11	8-6
		10	3-3	5-4	6-6	3-10	6-2	7-7
		12	3-0	4-10	5-11	3-6	5-8	6-11
		14	2-9	4-6	5-6	3-3	5-3	6-5
		16	2-7	4-3	5-2	3-0	4-11	6-0
		18	2-5	4-0	4-10	2-10	4-7	5-8
		20	2-4	3-9	4-7	2-8	4-4	5-4

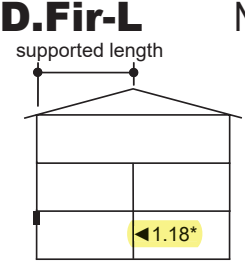
Notes: See notes of Table 9.20b.

Table 9.12a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 31.1 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)			Size of beam (in.)		
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	2-9	4-5	5-5	3-4	5-4	6-7
		10	2-5	3-11	4-10	2-11	4-10	5-10
		12	2-3	3-7	4-5	2-8	4-5	5-4
		14	2-1	3-4	4-1	2-6	4-1	5-0
		16	1-11	3-1	3-10	2-4	3-9	4-8
		18	1-10	2-11	3-7	2-2	3-7	4-5
		20	1-9	2-9	3-5	2-1	3-5	4-2
Hem-Fir	No.1/No.2	8	2-10	4-7	5-8	3-6	5-7	6-11
		10	2-7	4-2	5-1	3-1	5-0	6-2
		12	2-4	3-9	4-7	2-10	4-7	5-7
		14	2-2	3-6	4-3	2-7	4-3	5-2
		16	2-0	3-3	4-0	2-5	4-0	4-10
		18	1-11	3-1	3-9	2-4	3-9	4-7
		20	1-10	2-11	3-7	2-2	3-7	4-4

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-11	4-9	5-10	3-7	5-10	7-2
		10	2-8	4-3	5-3	3-2	5-2	6-5
		12	2-5	3-11	4-9	2-11	4-9	5-10
		14	2-3	3-7	4-5	2-9	4-5	5-5
		16	2-1	3-5	4-2	2-6	4-1	5-1
		18	2-0	3-2	3-11	2-5	3-10	4-9
		20	1-10	3-0	3-8	2-3	3-7	4-6
Northern	No.1/No.2	8	2-4	3-10	4-8	2-11	4-8	5-9
		10	2-1	3-5	4-2	2-7	4-2	5-1
		12	1-11	3-2	3-10	2-4	3-10	4-8
		14	1-9	2-11	3-7	2-2	3-6	4-4
		16	1-8	2-9	3-4	2-0	3-4	4-1
		18	1-7	2-7	3-2	1-11	3-1	3-10
		20	1-6	2-5	3-0	1-10	2-11	3-7

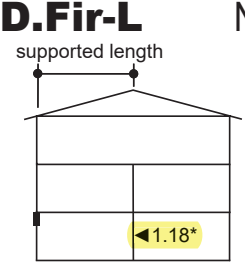
Notes: See notes of Table 9.20b.

Table 9.12b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 31.1 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	4-0	6-7	8-0	4-8	7-7	9-4
		10	3-7	5-10	7-2	4-2	6-10	8-4
		12	3-4	5-4	6-7	3-10	6-3	7-7
		14	3-1	4-11	6-1	3-6	5-9	7-0
		16	2-10	4-8	5-8	3-4	5-5	6-7
		18	2-8	4-4	5-4	3-1	5-1	6-3
		20	2-7	4-2	5-1	3-0	4-10	5-11
Hem-Fir	No.1/No.2	8	4-3	6-10	8-5	4-11	8-0	9-9
		10	3-9	6-2	7-6	4-5	7-2	8-9
		12	3-5	5-7	6-10	4-0	6-6	8-0
		14	3-2	5-2	6-4	3-9	6-0	7-5
		16	3-0	4-10	5-11	3-6	5-8	6-11
		18	2-10	4-7	5-7	3-3	5-4	6-6
		20	2-8	4-4	5-4	3-1	5-1	6-2

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-5	7-1	8-9	5-1	8-3	10-1
		10	3-11	6-4	7-10	4-7	7-5	9-1
		12	3-7	5-10	7-1	4-2	6-9	8-3
		14	3-4	5-5	6-7	3-10	6-3	7-8
		16	3-1	5-0	6-2	3-7	5-9	7-2
		18	2-11	4-8	5-10	3-5	5-4	6-9
		20	2-9	4-4	5-6	3-3	5-0	6-5
Northern	No.1/No.2	8	3-6	5-9	7-0	4-1	6-8	8-1
		10	3-2	5-1	6-3	3-8	5-11	7-3
		12	2-10	4-8	5-9	3-4	5-5	6-8
		14	2-8	4-4	5-3	3-1	5-0	6-2
		16	2-6	4-0	4-11	2-11	4-8	5-9
		18	2-4	3-10	4-8	2-9	4-5	5-5
		20	2-3	3-7	4-5	2-7	4-2	5-2

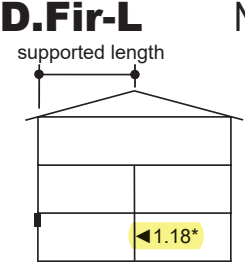
Notes: See notes of Table 9.20b.

Table 9.13a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 41.8 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)			
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	2x6	2x8		
				1-PLY	2-PLY	3-PLY
				2-7	4-3	5-2
				2-4	3-10	4-8
				2-2	3-6	4-3
				2-0	3-2	3-11
				1-10	3-0	3-8
				1-9	2-10	3-6
				1-8	2-8	3-3
				3-2	5-2	6-4
				2-10	4-7	5-8
				2-7	4-3	5-2
				2-5	3-11	4-9
				2-3	3-8	4-6
		2-1	3-5	4-3		
		2-0	3-3	4-0		
Hem-Fir	No.1/No.2	8	2-9	4-5	5-5	
		10	2-5	4-0	4-10	
		12	2-3	3-8	4-5	
		14	2-1	3-4	4-1	
		16	1-11	3-2	3-10	
		18	1-10	3-0	3-8	
		20	1-9	2-10	3-5	
				3-4	5-5	6-8
		3-0	4-10	5-11		
		2-9	4-5	5-5		
		2-6	4-1	5-0		
		2-4	3-10	4-8		
		2-3	3-7	4-5		
		2-1	3-5	4-2		

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-10	4-7	5-8	3-5	5-7	6-10
		10	2-6	4-1	5-1	3-1	5-0	6-2
		12	2-4	3-9	4-7	2-10	4-7	5-7
		14	2-2	3-6	4-3	2-7	4-3	5-2
		16	2-0	3-3	4-0	2-5	4-0	4-10
		18	1-11	3-1	3-9	2-4	3-8	4-7
		20	1-10	2-11	3-7	2-2	3-5	4-4
Northern	No.1/No.2	8	2-3	3-8	4-6	2-9	4-6	5-6
		10	2-0	3-4	4-1	2-6	4-0	4-11
		12	1-10	3-0	3-8	2-3	3-8	4-6
		14	1-9	2-10	3-5	2-1	3-5	4-2
		16	1-7	2-7	3-2	1-11	3-2	3-11
		18	1-6	2-6	3-0	1-10	3-0	3-8
		20	1-5	2-4	2-10	1-9	2-10	3-6

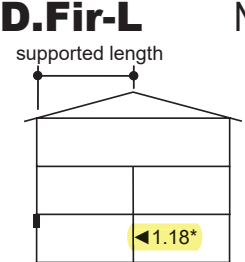
Notes: See notes of Table 9.20b.

Table 9.13b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 41.8 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)					
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	2x10			2x12		
			1-Ply	2-Ply	3-Ply	1-Ply	2-Ply	3-Ply
		10	3-11	6-4	7-9	4-6	7-4	9-0
		12	3-6	5-8	6-11	4-0	6-7	8-0
		14	3-2	5-2	6-4	3-8	6-0	7-4
		16	2-11	4-9	5-10	3-5	5-6	6-9
		18	2-9	4-6	5-6	3-2	5-2	6-4
		20	2-7	4-2	5-2	3-0	4-11	6-0
			2-5	4-0	4-11	2-10	4-8	5-8
		Hem-Fir	No.1/No.2	8	4-1	6-7	8-1	4-9
10	3-8			5-11	7-3	4-3	6-10	8-5
12	3-4			5-5	6-7	3-10	6-3	7-8
14	3-1			5-0	6-2	3-7	5-10	7-1
16	2-11			4-8	5-9	3-4	5-5	6-8
18	2-9			4-5	5-5	3-2	5-1	6-3
20	2-7			4-2	5-2	3-0	4-10	5-11

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-3	6-10	8-5	4-11	7-11	9-9
		10	3-9	6-2	7-6	4-5	7-1	8-9
		12	3-5	5-7	6-10	4-0	6-6	7-11
		14	3-2	5-2	6-4	3-8	6-0	7-4
		16	3-0	4-9	5-11	3-6	5-5	6-11
		18	2-10	4-5	5-7	3-3	5-1	6-6
		20	2-8	4-1	5-4	3-1	4-9	6-2
Northern	No.1/No.2	8	3-5	5-6	6-9	3-11	6-5	7-10
		10	3-0	4-11	6-0	3-6	5-9	7-0
		12	2-9	4-6	5-6	3-2	5-3	6-5
		14	2-7	4-2	5-1	3-0	4-10	5-11
		16	2-5	3-11	4-9	2-9	4-6	5-6
		18	2-3	3-8	4-6	2-7	4-3	5-3
		20	2-2	3-6	4-3	2-6	4-0	4-11

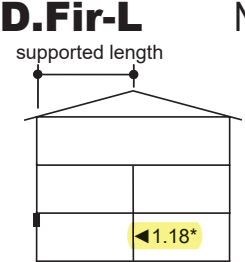
Notes: See notes of Table 9.20b.

Table 9.14a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing
Supporting 2 Storeys & Roof

Snow Load = 52.2 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	2-6	4-1	5-0	3-1	5-0	6-1
		10	2-3	3-8	4-6	2-9	4-5	5-5
		12	2-1	3-4	4-1	2-6	4-1	5-0
		14	1-11	3-1	3-9	2-4	3-9	4-7
		16	1-9	2-11	3-7	2-2	3-6	4-4
		18	1-8	2-9	3-4	2-1	3-4	4-1
		20	1-7	2-7	3-2	1-11	3-2	3-10
Hem-Fir	No.1/No.2	8	2-8	4-4	5-3	3-3	5-3	6-5
		10	2-4	3-10	4-8	2-11	4-8	5-9
		12	2-2	3-6	4-4	2-8	4-3	5-3
		14	2-0	3-3	4-0	2-5	3-11	4-10
		16	1-10	3-0	3-9	2-3	3-8	4-6
		18	1-9	2-10	3-6	2-2	3-6	4-3
		20	1-8	2-9	3-4	2-0	3-4	4-1

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-9	4-5	5-5	3-4	5-5	6-8
		10	2-5	4-0	4-10	3-0	4-10	5-11
		12	2-3	3-8	4-5	2-9	4-5	5-5
		14	2-1	3-4	4-1	2-6	4-1	5-0
		16	1-11	3-2	3-10	2-4	3-9	4-8
		18	1-10	2-11	3-8	2-3	3-6	4-5
		20	1-9	2-9	3-5	2-1	3-3	4-2
Northern	No.1/No.2	8	2-2	3-7	4-4	2-8	4-4	5-4
		10	2-0	3-2	3-11	2-5	3-11	4-9
		12	1-10	2-11	3-7	2-2	3-7	4-4
		14	1-8	2-8	3-4	2-0	3-3	4-0
		16	1-7	2-6	3-1	1-11	3-1	3-9
		18	1-6	2-5	2-11	1-9	2-11	3-7
		20	1-5	2-3	2-9	1-8	2-9	3-4

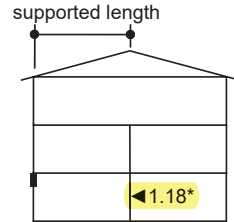
Notes: See notes of Table 9.20b.

Table 9.14b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 52.2 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	3-9	6-1	7-6	4-4	7-1	8-8
		10	3-4	5-5	6-8	3-11	6-4	7-9
		12	3-1	5-0	6-1	3-7	5-9	7-1
		14	2-10	4-7	5-8	3-3	5-4	6-7
		16	2-8	4-4	5-3	3-1	5-0	6-1
		18	2-6	4-1	5-0	2-11	4-9	5-9
		20	2-4	3-10	4-9	2-9	4-6	5-6
Hem-Fir	No.1/No.2	8	3-11	6-5	7-10	4-7	7-5	9-1
		10	3-6	5-9	7-0	4-1	6-8	8-1
		12	3-3	5-3	6-5	3-9	6-1	7-5
		14	3-0	4-10	5-11	3-5	5-7	6-10
		16	2-9	4-6	5-6	3-3	5-3	6-5
		18	2-7	4-3	5-3	3-1	4-11	6-1
		20	2-6	4-0	4-11	2-11	4-8	5-9

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-1	6-7	8-1	4-9	7-8	9-5
		10	3-8	5-11	7-3	4-3	6-10	8-5
		12	3-4	5-5	6-7	3-10	6-3	7-8
		14	3-1	5-0	6-2	3-7	5-8	7-1
		16	2-11	4-7	5-9	3-4	5-2	6-8
		18	2-9	4-3	5-5	3-2	4-10	6-3
		20	2-7	3-11	5-2	3-0	4-6	5-10
Northern	No.1/No.2	8	3-3	5-4	6-6	3-10	6-2	7-7
		10	2-11	4-9	5-10	3-5	5-6	6-9
		12	2-8	4-4	5-4	3-1	5-0	6-2
		14	2-6	4-0	4-11	2-10	4-8	5-8
		16	2-4	3-9	4-7	2-8	4-4	5-4
		18	2-2	3-6	4-4	2-6	4-1	5-0
		20	2-1	3-4	4-1	2-5	3-11	4-9

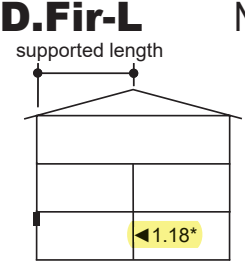
Notes: See notes of Table 9.20b.

Table 9.15a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 62.7 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	2-5	4-0	4-10	3-0	4-10	5-11
		10	2-2	3-7	4-4	2-8	4-4	5-3
		12	2-0	3-3	4-0	2-5	3-11	4-10
		14	1-10	3-0	3-8	2-3	3-8	4-6
		16	1-9	2-10	3-5	2-1	3-5	4-2
		18	1-8	2-8	3-3	2-0	3-3	3-11
		20	1-7	2-6	3-1	1-11	3-1	3-9
Hem-Fir	No.1/No.2	8	2-7	4-2	5-1	3-1	5-1	6-2
		10	2-3	3-9	4-7	2-9	4-6	5-6
		12	2-1	3-5	4-2	2-6	4-2	5-1
		14	1-11	3-2	3-10	2-4	3-10	4-8
		16	1-10	2-11	3-7	2-2	3-7	4-5
		18	1-8	2-9	3-5	2-1	3-4	4-2
		20	1-7	2-8	3-3	2-0	3-2	3-11

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-8	4-4	5-3	3-3	5-3	6-5
		10	2-4	3-10	4-9	2-11	4-8	5-9
		12	2-2	3-6	4-4	2-8	4-3	5-3
		14	2-0	3-3	4-0	2-5	3-11	4-10
		16	1-10	3-1	3-9	2-3	3-7	4-6
		18	1-9	2-10	3-6	2-2	3-4	4-3
		20	1-8	2-8	3-4	2-0	3-2	4-1
Northern	No.1/No.2	8	2-2	3-5	4-3	2-7	4-2	5-2
		10	1-11	3-1	3-9	2-4	3-9	4-7
		12	1-9	2-10	3-5	2-1	3-5	4-2
		14	1-7	2-7	3-2	1-11	3-2	3-11
		16	1-6	2-5	3-0	1-10	3-0	3-8
		18	1-5	2-4	2-10	1-9	2-10	3-5
		20	1-4	2-2	2-8	1-8	2-8	3-3

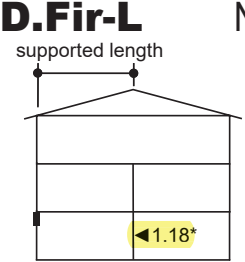
Notes: See notes of Table 9.20b.

Table 9.15b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 2 Storeys & Roof

Snow Load = 62.7 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L supported length  *See Note 2 of Table 9.20b	No.1/No.2	8	3-8	5-11	7-3	4-3	6-10	8-5
		10	3-3	5-3	6-6	3-9	6-1	7-6
		12	3-0	4-10	5-11	3-5	5-7	6-10
		14	2-9	4-5	5-6	3-2	5-2	6-4
		16	2-7	4-2	5-1	3-0	4-10	5-11
		18	2-5	3-11	4-10	2-10	4-7	5-7
		20	2-4	3-9	4-7	2-8	4-4	5-4
Hem-Fir	No.1/No.2	8	3-10	6-2	7-7	4-5	7-2	8-9
		10	3-5	5-6	6-9	3-11	6-5	7-10
		12	3-1	5-1	6-2	3-7	5-10	7-2
		14	2-11	4-8	5-9	3-4	5-5	6-8
		16	2-8	4-4	5-4	3-1	5-1	6-3
		18	2-6	4-1	5-1	2-11	4-9	5-10
		20	2-5	3-11	4-9	2-10	4-6	5-7

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-11	6-5	7-10	4-7	7-5	9-1
		10	3-6	5-9	7-0	4-1	6-8	8-2
		12	3-3	5-3	6-5	3-9	6-0	7-5
		14	3-0	4-9	5-11	3-5	5-5	6-11
		16	2-9	4-4	5-7	3-3	5-0	6-5
		18	2-8	4-1	5-3	3-1	4-8	6-0
		20	2-6	3-10	4-11	2-11	4-4	5-7
Northern	No.1/No.2	8	3-2	5-2	6-4	3-8	6-0	7-4
		10	2-10	4-7	5-8	3-3	5-4	6-6
		12	2-7	4-2	5-2	3-0	4-10	6-0
		14	2-5	3-11	4-9	2-9	4-6	5-6
		16	2-3	3-8	4-5	2-7	4-3	5-2
		18	2-1	3-5	4-2	2-5	4-0	4-10
		20	2-0	3-3	4-0	2-4	3-9	4-7

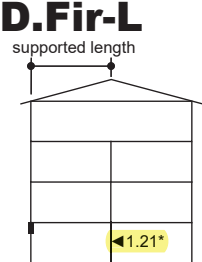
Notes: See notes of Table 9.20b.

Table 9.16a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 20.9 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	2-7	4-2	5-1	3-2	5-1	6-3
		10	2-4	3-9	4-7	2-10	4-7	5-7
		12	2-1	3-5	4-2	2-7	4-2	5-1
		14	1-11	3-2	3-10	2-4	3-10	4-8
		16	1-10	2-11	3-7	2-3	3-7	4-5
		18	1-9	2-9	3-5	2-1	3-5	4-2
		20	1-8	2-8	3-3	2-0	3-3	3-11
Hem-Fir	No.1/No.2	8	2-8	4-5	5-4	3-3	5-4	6-6
		10	2-5	3-11	4-10	2-11	4-9	5-10
		12	2-2	3-7	4-5	2-8	4-4	5-4
		14	2-0	3-4	4-1	2-6	4-0	4-11
		16	1-11	3-1	3-10	2-4	3-9	4-7
		18	1-10	2-11	3-7	2-2	3-7	4-4
		20	1-8	2-9	3-5	2-1	3-4	4-2

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-10	4-6	5-7	3-5	5-6	6-9
		10	2-6	4-1	5-0	3-0	4-11	6-1
		12	2-3	3-8	4-6	2-9	4-6	5-6
		14	2-1	3-5	4-2	2-7	4-2	5-1
		16	2-0	3-3	3-11	2-5	3-11	4-9
		18	1-10	3-0	3-8	2-3	3-7	4-6
		20	1-9	2-10	3-6	2-2	3-4	4-3
Northern	No.1/No.2	8	2-3	3-8	4-6	2-9	4-5	5-5
		10	2-0	3-3	4-0	2-5	4-0	4-10
		12	1-10	3-0	3-8	2-3	3-7	4-5
		14	1-8	2-9	3-4	2-1	3-4	4-1
		16	1-7	2-7	3-2	1-11	3-2	3-10
		18	1-6	2-5	3-0	1-10	2-11	3-7
		20	1-5	2-4	2-10	1-9	2-10	3-5

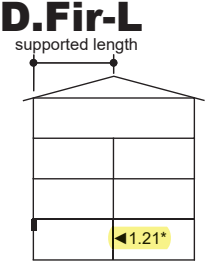
Notes: See notes of Table 9.20b.

Table 9.16b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 20.9 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-Ply	3-Ply	1-Ply	2-Ply	3-Ply
D.Fir-L 	No.1/No.2	8	3-10	6-3	7-7	4-5	7-3	8-10
		10	3-5	5-7	6-10	4-0	6-5	7-11
		12	3-1	5-1	6-3	3-8	5-11	7-3
		14	2-11	4-8	5-9	3-4	5-5	6-8
		16	2-8	4-5	5-5	3-2	5-1	6-3
		18	2-7	4-2	5-1	3-0	4-10	5-11
		20	2-5	3-11	4-10	2-10	4-7	5-7
Hem-Fir	No.1/No.2	8	4-0	6-6	8-0	4-8	7-7	9-3
		10	3-7	5-10	7-2	4-2	6-9	8-3
		12	3-3	5-4	6-6	3-10	6-2	7-7
		14	3-0	4-11	6-0	3-6	5-9	7-0
		16	2-10	4-7	5-8	3-4	5-4	6-7
		18	2-8	4-4	5-4	3-1	5-1	6-2
		20	2-6	4-1	5-1	2-11	4-9	5-10

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-2	6-9	8-3	4-10	7-10	9-7
		10	3-9	6-0	7-5	4-4	7-0	8-7
		12	3-5	5-6	6-9	3-11	6-5	7-10
		14	3-2	5-1	6-3	3-8	5-10	7-3
		16	2-11	4-8	5-10	3-5	5-4	6-9
		18	2-9	4-4	5-6	3-3	4-11	6-5
		20	2-8	4-1	5-3	3-1	4-8	6-0
Northern	No.1/No.2	8	3-4	5-5	6-8	3-10	6-3	7-8
		10	3-0	4-10	5-11	3-6	5-8	6-11
		12	2-9	4-5	5-5	3-2	5-2	6-3
		14	2-6	4-1	5-0	2-11	4-9	5-10
		16	2-4	3-10	4-8	2-9	4-5	5-5
		18	2-3	3-7	4-5	2-7	4-2	5-2
		20	2-1	3-5	4-2	2-5	4-0	4-10

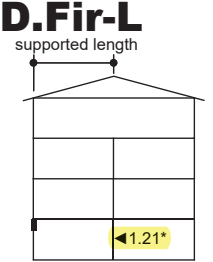
Notes: See notes of Table 9.20b.

Table 9.17a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 31.1 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)								
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8 10 12 14 16 18 20	2x6			2x8					
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY			
			2-6	4-1	5-0	3-0	4-11	6-1			
			2-3	3-8	4-5	2-9	4-5	5-5			
			2-0	3-4	4-1	2-6	4-0	4-11			
			1-11	3-1	3-9	2-4	3-9	4-7			
			1-9	2-10	3-6	2-2	3-6	4-3			
			1-8	2-8	3-4	2-0	3-3	4-0			
			1-7	2-7	3-2	1-11	3-1	3-10			
			Hem-Fir	No.1/No.2	8 10 12 14 16 18 20	2-7	4-3	5-3	3-2	5-2	6-4
						2-4	3-10	4-8	2-10	4-8	5-8
						2-2	3-6	4-3	2-7	4-3	5-2
						2-0	3-3	3-11	2-5	3-11	4-9
						1-10	3-0	3-8	2-3	3-8	4-6
1-9	2-10	3-6				2-1	3-5	4-3			
1-8	2-8	3-4				2-0	3-3	4-0			

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-9	4-5	5-5	3-4	5-4	6-7
		10	2-5	3-11	4-10	2-11	4-10	5-10
		12	2-3	3-7	4-5	2-8	4-5	5-4
		14	2-1	3-4	4-1	2-6	4-1	5-0
		16	1-11	3-1	3-10	2-4	3-9	4-8
		18	1-10	2-11	3-7	2-2	3-5	4-5
		20	1-9	2-9	3-5	2-1	3-3	4-2
Northern	No.1/No.2	8	2-2	3-6	4-4	2-8	4-4	5-3
		10	1-11	3-2	3-10	2-4	3-10	4-9
		12	1-9	2-11	3-6	2-2	3-6	4-4
		14	1-8	2-8	3-3	2-0	3-3	4-0
		16	1-6	2-6	3-1	1-10	3-0	3-9
		18	1-5	2-4	2-11	1-9	2-10	3-6
		20	1-5	2-3	2-9	1-8	2-9	3-4

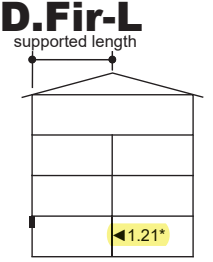
Notes: See notes of Table 9.20b.

Table 9.17b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 31.1 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-Ply	3-Ply	1-Ply	2-Ply	3-Ply
 <p>D.Fir-L supported length</p> <p>*See Note 2 of Table 9.20b</p>	No.1/No.2	8	3-9	6-0	7-5	4-4	7-0	8-7
		10	3-4	5-5	6-7	3-10	6-3	7-8
		12	3-0	4-11	6-0	3-6	5-9	7-0
		14	2-10	4-7	5-7	3-3	5-4	6-6
		16	2-8	4-3	5-3	3-1	4-11	6-1
		18	2-6	4-0	4-11	2-10	4-8	5-9
		20	2-4	3-10	4-8	2-9	4-5	5-5
Hem-Fir	No.1/No.2	8	3-11	6-4	7-9	4-6	7-4	9-0
		10	3-6	5-8	6-11	4-1	6-7	8-1
		12	3-2	5-2	6-4	3-8	6-0	7-4
		14	2-11	4-9	5-10	3-5	5-7	6-10
		16	2-9	4-6	5-6	3-2	5-2	6-4
		18	2-7	4-3	5-2	3-0	4-11	6-0
		20	2-6	4-0	4-11	2-10	4-8	5-8

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	4-0	6-7	8-0	4-8	7-7	9-4
		10	3-7	5-10	7-2	4-2	6-10	8-4
		12	3-4	5-4	6-7	3-10	6-3	7-7
		14	3-1	4-11	6-1	3-6	5-7	7-0
		16	2-10	4-6	5-8	3-4	5-2	6-7
		18	2-8	4-2	5-4	3-1	4-9	6-3
		20	2-7	3-11	5-1	3-0	4-6	5-10
Northern	No.1/No.2	8	3-3	5-3	6-5	3-9	6-1	7-6
		10	2-11	4-8	5-9	3-4	5-6	6-8
		12	2-8	4-4	5-3	3-1	5-0	6-1
		14	2-5	4-0	4-10	2-10	4-7	5-8
		16	2-3	3-9	4-7	2-8	4-4	5-3
		18	2-2	3-6	4-4	2-6	4-1	5-0
		20	2-1	3-4	4-1	2-5	3-10	4-9

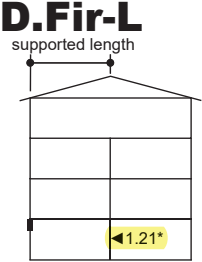
Notes: See notes of Table 9.20b.

Table 9.18a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 41.8 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-PLY	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	2-5	3-11	4-10	2-11	4-10	5-10
		10	2-2	3-6	4-4	2-8	4-3	5-3
		12	2-0	3-3	3-11	2-5	3-11	4-10
		14	1-10	3-0	3-8	2-3	3-8	4-5
		16	1-9	2-9	3-5	2-1	3-5	4-2
		18	1-7	2-8	3-3	2-0	3-2	3-11
		20	1-6	2-6	3-1	1-10	3-0	3-9
Hem-Fir	No.1/No.2	8	2-7	4-2	5-1	3-1	5-0	6-2
		10	2-3	3-8	4-6	2-9	4-6	5-6
		12	2-1	3-5	4-2	2-6	4-1	5-0
		14	1-11	3-2	3-10	2-4	3-10	4-8
		16	1-10	2-11	3-7	2-2	3-7	4-4
		18	1-8	2-9	3-5	2-1	3-4	4-1
		20	1-7	2-7	3-2	1-11	3-2	3-11

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-8	4-3	5-3	3-2	5-3	6-5
		10	2-4	3-10	4-8	2-10	4-8	5-8
		12	2-2	3-6	4-3	2-7	4-3	5-3
		14	2-0	3-3	4-0	2-5	3-11	4-10
		16	1-10	3-0	3-8	2-3	3-7	4-6
		18	1-9	2-10	3-6	2-2	3-4	4-3
		20	1-8	2-7	3-4	2-0	3-1	4-0
Northern	No.1/No.2	8	2-1	3-5	4-3	2-7	4-2	5-1
		10	1-11	3-1	3-9	2-4	3-9	4-7
		12	1-9	2-10	3-5	2-1	3-5	4-2
		14	1-7	2-7	3-2	1-11	3-2	3-10
		16	1-6	2-5	3-0	1-10	2-11	3-7
		18	1-5	2-3	2-10	1-9	2-9	3-5
		20	1-4	2-2	2-8	1-8	2-8	3-3

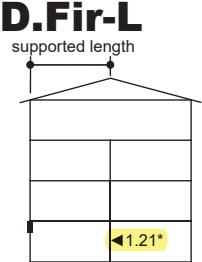
Notes: See notes of Table 9.20b.

Table 9.18b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 41.8 psf

Species	Grade	Supported length (ft.)	2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	3-7	5-10	7-2	4-2	6-10	8-4
		10	3-3	5-3	6-5	3-9	6-1	7-5
		12	2-11	4-9	5-10	3-5	5-7	6-10
		14	2-9	4-5	5-5	3-2	5-2	6-4
		16	2-7	4-2	5-1	3-0	4-10	5-11
		18	2-5	3-11	4-9	2-10	4-6	5-7
		20	2-3	3-9	4-7	2-8	4-4	5-3
Hem-Fir	No.1/No.2	8	3-9	6-2	7-6	4-5	7-2	8-9
		10	3-5	5-6	6-9	3-11	6-5	7-10
		12	3-1	5-0	6-2	3-7	5-10	7-2
		14	2-10	4-8	5-8	3-4	5-5	6-7
		16	2-8	4-4	5-4	3-1	5-1	6-2
		18	2-6	4-1	5-0	2-11	4-9	5-10
		20	2-5	3-11	4-9	2-9	4-6	5-6

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-11	6-4	7-10	4-7	7-5	9-1
		10	3-6	5-8	7-0	4-1	6-7	8-1
		12	3-2	5-2	6-4	3-9	6-0	7-5
		14	3-0	4-9	5-11	3-5	5-5	6-10
		16	2-9	4-4	5-6	3-3	5-0	6-5
		18	2-7	4-0	5-2	3-0	4-7	6-0
		20	2-6	3-9	4-11	2-11	4-4	5-7
Northern	No.1/No.2	8	3-2	5-1	6-3	3-8	5-11	7-3
		10	2-10	4-7	5-7	3-3	5-4	6-6
		12	2-7	4-2	5-1	3-0	4-10	5-11
		14	2-5	3-10	4-9	2-9	4-6	5-6
		16	2-3	3-7	4-5	2-7	4-2	5-2
		18	2-1	3-5	4-2	2-5	3-11	4-10
		20	2-0	3-3	4-0	2-4	3-9	4-7

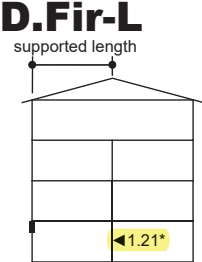
Notes: See notes of Table 9.20b.

Table 9.19a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 52.2 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
D.Fir-L 	No.1/No.2	8	2-4	3-10	4-8	2-10	4-8	5-9
		10	2-1	3-5	4-2	2-7	4-2	5-1
		12	1-11	3-2	3-10	2-4	3-10	4-8
		14	1-9	2-11	3-7	2-2	3-6	4-4
		16	1-8	2-9	3-4	2-0	3-4	4-1
		18	1-7	2-7	3-2	1-11	3-1	3-10
		20	1-6	2-5	3-0	1-10	2-11	3-7
		Hem-Fir	No.1/No.2	8	2-6	4-0	4-11	3-0
10	2-3			3-7	4-5	2-8	4-5	5-4
12	2-0			3-3	4-0	2-6	4-0	4-11
14	1-10			3-1	3-9	2-3	3-8	4-6
16	1-9			2-10	3-6	2-2	3-6	4-3
18	1-8			2-8	3-3	2-0	3-3	4-0
20	1-7			2-7	3-1	1-11	3-1	3-10

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-7	4-2	5-1	3-1	5-1	6-3
		10	2-4	3-9	4-7	2-10	4-6	5-7
		12	2-1	3-5	4-2	2-7	4-2	5-1
		14	1-11	3-2	3-10	2-4	3-9	4-8
		16	1-10	2-11	3-7	2-2	3-6	4-5
		18	1-9	2-8	3-5	2-1	3-3	4-2
		20	1-7	2-6	3-3	2-0	3-0	3-11
Northern	No.1/No.2	8	2-1	3-4	4-1	2-6	4-1	5-0
		10	1-10	3-0	3-8	2-3	3-8	4-6
		12	1-8	2-9	3-4	2-1	3-4	4-1
		14	1-7	2-6	3-1	1-11	3-1	3-9
		16	1-5	2-4	2-11	1-9	2-11	3-6
		18	1-4	2-3	2-9	1-8	2-9	3-4
		20	1-4	2-1	2-7	1-7	2-7	3-2

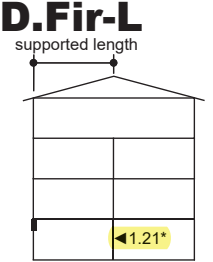
Notes: See notes of Table 9.20b.

Table 9.19b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 52.2 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)											
 <p>D.Fir-L supported length</p> <p>*See Note 2 of Table 9.20b</p>	No.1/No.2	8	2x10 1-Ply	3-6	2-Ply	5-9	3-Ply	7-0	2x12 1-Ply	4-1	2-Ply	6-8	3-Ply	8-1
		10	3-2	5-1	6-3	3-8	5-11	7-3						
		12	2-10	4-8	5-9	3-4	5-5	6-8						
		14	2-8	4-4	5-3	3-1	5-0	6-2						
		16	2-6	4-0	4-11	2-11	4-8	5-9						
		18	2-4	3-10	4-8	2-9	4-5	5-5						
		20	2-3	3-7	4-5	2-7	4-2	5-2						
		Hem-Fir	No.1/No.2	8	3-8	6-0	7-4	4-3	6-11	8-6				
				10	3-4	5-4	6-7	3-10	6-3	7-7				
				12	3-0	4-11	6-0	3-6	5-8	6-11				
				14	2-9	4-6	5-7	3-3	5-3	6-5				
				16	2-7	4-3	5-2	3-0	4-11	6-0				
				18	2-5	4-0	4-11	2-10	4-8	5-8				
				20	2-4	3-9	4-8	2-8	4-4	5-5				

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-10	6-2	7-7	4-5	7-2	8-10
		10	3-5	5-7	6-10	4-0	6-5	7-11
		12	3-1	5-1	6-2	3-7	5-9	7-2
		14	2-11	4-7	5-9	3-4	5-3	6-8
		16	2-8	4-2	5-4	3-2	4-10	6-3
		18	2-7	3-11	5-1	2-11	4-6	5-9
		20	2-5	3-8	4-9	2-10	4-3	5-5
Northern	No.1/No.2	8	3-1	5-0	6-1	3-7	5-9	7-1
		10	2-9	4-5	5-5	3-2	5-2	6-4
		12	2-6	4-1	5-0	2-11	4-9	5-9
		14	2-4	3-9	4-7	2-8	4-4	5-4
		16	2-2	3-6	4-4	2-6	4-1	5-0
		18	2-1	3-4	4-1	2-4	3-10	4-9
		20	1-11	3-2	3-10	2-3	3-8	4-6

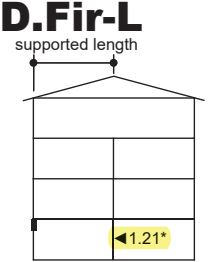
Notes: See notes of Table 9.20b.

Table 9.20a

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 62.7 psf

Species	Grade	Supported length (ft.)	2x6			2x8		
			1-Ply	2-Ply	3-Ply	1-Ply	2-Ply	3-Ply
D.Fir-L  <small>*See Note 2 of Table 9.20b</small>	No.1/No.2	8	2-4	3-9	4-7	2-10	4-7	5-7
		10	2-1	3-4	4-1	2-6	4-1	5-0
		12	1-11	3-1	3-9	2-3	3-9	4-7
		14	1-9	2-10	3-6	2-1	3-5	4-3
		16	1-8	2-8	3-3	2-0	3-3	3-11
		18	1-6	2-6	3-1	1-10	3-0	3-9
		20	1-5	2-4	2-11	1-9	2-11	3-6
Hem-Fir	No.1/No.2	8	2-5	3-11	4-10	2-11	4-9	5-10
		10	2-2	3-6	4-4	2-8	4-3	5-3
		12	2-0	3-2	3-11	2-5	3-11	4-9
		14	1-10	3-0	3-8	2-3	3-7	4-5
		16	1-8	2-9	3-5	2-1	3-5	4-2
		18	1-7	2-7	3-2	2-0	3-2	3-11
		20	1-6	2-6	3-0	1-10	3-0	3-8

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x6			2x8		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	2-6	4-1	5-0	3-1	4-11	6-1
		10	2-3	3-8	4-5	2-9	4-5	5-5
		12	2-1	3-4	4-1	2-6	4-0	4-11
		14	1-11	3-1	3-9	2-4	3-8	4-7
		16	1-9	2-10	3-6	2-2	3-4	4-3
		18	1-8	2-7	3-4	2-0	3-1	4-0
		20	1-7	2-5	3-2	1-11	2-11	3-9
Northern	No.1/No.2	8	2-0	3-3	4-0	2-5	4-0	4-10
		10	1-10	2-11	3-7	2-2	3-7	4-4
		12	1-8	2-8	3-3	2-0	3-3	4-0
		14	1-6	2-6	3-0	1-10	3-0	3-8
		16	1-5	2-4	2-10	1-9	2-10	3-5
		18	1-4	2-2	2-8	1-8	2-8	3-3
		20	1-3	2-1	2-6	1-7	2-6	3-1

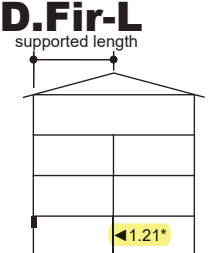
Notes: See notes of Table 9.20b.

Table 9.20b

Maximum Spans (ft.-in.)

Lintels With Non-Structural Sheathing Supporting 3 Storeys & Roof

Snow Load = 62.7 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)							
 <p>D. Fir-L supported length</p> <p>*See Note 2 of Table 9.20b</p>	No.1/No.2	8	2x10 1-Ply 3-5	2-Ply 5-7	3-Ply 6-10	2x12 1-Ply 4-0	2-Ply 6-6	3-Ply 7-11		
		10	3-1	5-0	6-1	3-7	5-9	7-1		
		12	2-10	4-7	5-7	3-3	5-3	6-6		
		14	2-7	4-2	5-2	3-0	4-11	6-0		
		16	2-5	3-11	4-10	2-10	4-7	5-7		
		18	2-3	3-9	4-7	2-8	4-4	5-3		
		20	2-2	3-6	4-4	2-6	4-1	5-0		
		Hem-Fir	No.1/No.2	8	3-7	5-10	7-2	4-2	6-9	8-4
				10	3-3	5-3	6-5	3-9	6-1	7-5
				12	2-11	4-9	5-10	3-5	5-6	6-9
14	2-9			4-5	5-5	3-2	5-1	6-3		
16	2-6			4-2	5-1	2-11	4-9	5-10		
18	2-5			3-11	4-9	2-9	4-6	5-6		
20	2-3			3-8	4-6	2-8	4-3	5-3		

Species	Grade	Supported length (ft.)	Size of beam (in.)					
			2x10			2x12		
			1-Ply	2-PLY	3-PLY	1-PLY	2-PLY	3-PLY
S-P-F	No.1/No.2	8	3-9	6-1	7-5	4-4	7-0	8-7
		10	3-4	5-5	6-7	3-10	6-3	7-8
		12	3-0	4-11	6-1	3-6	5-7	7-0
		14	2-10	4-5	5-7	3-3	5-1	6-6
		16	2-8	4-1	5-3	3-1	4-8	6-1
		18	2-6	3-9	4-11	2-11	4-4	5-7
		20	2-4	3-7	4-7	2-9	4-1	5-3
Northern	No.1/No.2	8	3-0	4-10	5-11	3-6	5-8	6-11
		10	2-8	4-4	5-4	3-1	5-0	6-2
		12	2-5	4-0	4-10	2-10	4-7	5-8
		14	2-3	3-8	4-6	2-7	4-3	5-3
		16	2-1	3-5	4-2	2-5	4-0	4-11
		18	2-0	3-3	4-0	2-4	3-9	4-7
		20	1-11	3-1	3-9	2-2	3-7	4-4

Table 10.3a Maximum Spans, Not Incised (ft.-in.)

Built-Up Deck Beams

Live Load = 39.7 psf

Species	Grade	Supported length (ft.)	2x6				2x8			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
D.Fir-L	No.1/No.2	4	7-9	9-6	10-7	11-5	9-5	11-6	13-4	14-10
		6	6-4	7-9	8-11	10-0	7-8	9-5	10-10	12-2
		8	5-5	6-8	7-8	8-7	6-7	8-1	9-4	10-6
		10	4-10	5-11	6-10	7-8	5-11	7-3	8-4	9-4
		12	4-5	5-5	6-3	7-0	5-5	6-7	7-8	8-6
		14	4-1	5-0	5-10	6-6	5-0	6-1	7-1	7-11
		16	3-10	4-8	5-5	6-1	4-8	5-9	6-7	7-5
		18	3-7	4-5	5-1	5-9	4-5	5-5	6-3	7-0
Hem-Fir	No.1/No.2	4	8-1	9-7	10-7	11-5	9-10	12-1	13-11	15-0
		6	6-7	8-1	9-3	10-0	8-1	9-10	11-5	12-9
		8	5-8	7-0	8-1	9-0	6-11	8-6	9-10	11-0
		10	5-1	6-3	7-2	8-1	6-2	7-7	8-9	9-10
		12	4-8	5-8	6-7	7-4	5-8	6-11	8-0	9-0
		14	4-3	5-3	6-1	6-10	5-3	6-5	7-5	8-3
		16	4-0	4-11	5-8	6-4	4-11	6-0	6-11	7-9
		18	3-9	4-8	5-4	6-0	4-7	5-8	6-6	7-4

Span values for a supported length of 20 ft. has been removed.

Species	Grade	Supported length (ft.)	Size of beam (in.)							
			2x6				2x8			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
S-P-F	No.1/No.2	4	8-0	9-2	10-1	10-10	10-3	12-1	13-3	14-3
		6	6-10	8-0	8-10	9-6	8-4	10-3	11-7	12-6
		8	5-11	7-3	8-0	8-7	7-2	8-10	10-2	11-3
		10	5-3	6-6	7-5	8-0	6-5	7-10	9-1	10-2
		12	4-10	5-11	6-10	7-6	5-10	7-2	8-4	9-3
		14	4-5	5-5	6-4	7-1	5-5	6-8	7-8	8-7
		16	4-2	5-1	5-11	6-7	5-1	6-3	7-2	8-0
		18	3-11	4-10	5-7	6-3	4-9	5-10	6-9	7-7
Northern	No.1/No.2	4	6-9	8-3	9-1	9-10	8-2	10-0	11-7	12-11
		6	5-6	6-9	7-9	8-7	6-8	8-2	9-6	10-7
		8	4-9	5-9	6-8	7-6	5-9	7-1	8-2	9-1
		10	4-3	5-2	6-0	6-8	5-2	6-4	7-3	8-2
		12	3-10	4-9	5-5	6-1	4-8	5-9	6-8	7-5
		14	3-7	4-4	5-1	5-8	4-4	5-4	6-2	6-11
		16	3-4	4-1	4-9	5-3	4-1	5-0	5-9	6-5
		18	3-2	3-10	4-5	5-0	3-10	4-8	5-5	6-1

Table 10.3a (continued) • **Built-Up Deck Beams - Not Incised**

Species	Grade	Supported length (ft.)	2x10				2x12			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
D.Fir-L	No.1/No.2	4	11-6	14-1	16-3	18-2	13-4	16-4	18-10	21-1
		6	9-5	11-6	13-3	14-10	10-11	13-4	15-5	17-3
		8	8-1	9-11	11-5	12-10	9-5	11-6	13-4	14-10
		10	7-3	8-10	10-3	11-5	8-5	10-3	11-11	13-4
		12	6-7	8-1	9-4	10-5	7-8	9-5	10-10	12-2
		14	6-1	7-6	8-8	9-8	7-1	8-8	10-0	11-3
		16	5-8	7-0	8-1	9-1	6-8	8-2	9-5	10-6
		18	5-5	6-7	7-7	8-6	6-3	7-8	8-10	9-11
Hem-Fir	No.1/No.2	4	12-1	14-9	17-1	18-9	14-0	17-2	19-9	21-9
		6	9-10	12-1	13-11	15-7	11-5	14-0	16-2	18-1
		8	8-6	10-5	12-0	13-5	9-10	12-1	13-11	15-7
		10	7-7	9-4	10-9	12-0	8-10	10-10	12-6	13-11
		12	6-11	8-6	9-10	11-0	8-0	9-10	11-5	12-9
		14	6-5	7-10	9-1	10-2	7-5	9-1	10-6	11-9
		16	6-0	7-4	8-6	9-6	6-11	8-6	9-10	11-0
		18	5-8	6-11	8-0	8-11	6-7	8-0	9-3	10-5

Species	Grade	Supported length (ft.)	Size of beam (in.)							
			2x10				2x12			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
S-P-F	No.1/No.2	4	12-6	15-4	16-11	18-1	14-6	17-9	19-10	21-0
		6	10-2	12-6	14-5	15-11	11-10	14-6	16-9	18-8
		8	8-9	10-9	12-5	13-11	10-2	12-6	14-5	16-2
		10	7-10	9-8	11-2	12-5	9-1	11-2	12-11	14-5
		12	7-2	8-9	10-2	11-4	8-4	10-2	11-9	13-2
		14	6-8	8-2	9-5	10-6	7-8	9-5	10-11	12-2
		16	6-2	7-7	8-9	9-10	7-2	8-10	10-2	11-5
		18	5-10	7-2	8-3	9-3	6-9	8-4	9-7	10-9
Northern	No.1/No.2	4	10-0	12-3	14-2	15-10	11-8	14-3	16-5	18-5
		6	8-2	10-0	11-7	12-11	9-6	11-8	13-5	15-0
		8	7-1	8-8	10-0	11-2	8-2	10-0	11-7	13-0
		10	6-4	7-9	8-11	10-0	7-4	9-0	10-4	11-7
		12	5-9	7-1	8-2	9-1	6-8	8-2	9-5	10-7
		14	5-4	6-6	7-6	8-5	6-2	7-7	8-9	9-9
		16	5-0	6-1	7-1	7-11	5-9	7-1	8-2	9-2
		18	4-8	5-9	6-8	7-5	5-5	6-8	7-9	8-8

Notes: See notes of Table 10.4b

Table 10.3b

Maximum Spans, Incised (ft.-in.)

Built-Up Deck Beams

Live Load = 39.7 psf

Species	Grade	Supported length (ft.)	2x6				2x8			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
D.Fir-L	No.1/No.2	4	7-1	8-9	10-1	11-3	8-8	10-7	12-3	13-8
		6	5-10	7-1	8-3	9-2	7-1	8-8	10-0	11-2
		8	5-0	6-2	7-1	7-11	6-1	7-6	8-8	9-8
		10	4-6	5-6	6-4	7-1	5-5	6-8	7-9	8-8
		12	4-1	5-0	5-9	6-6	5-0	6-1	7-0	7-10
		14	3-9	4-7	5-4	6-0	4-7	5-8	6-6	7-3
		16	3-6	4-4	5-0	5-7	4-4	5-3	6-1	6-10
		18	3-4	4-1	4-8	5-3	4-1	5-0	5-9	6-5
Hem-Fir	No.1/No.2	4	7-6	9-2	10-5	11-3	9-1	11-2	12-10	14-4
		6	6-1	7-6	8-8	9-8	7-5	9-1	10-6	11-9
		8	5-3	6-5	7-5	8-4	6-5	7-10	9-1	10-1
		10	4-8	5-9	6-8	7-5	5-8	7-0	8-1	9-1
		12	4-3	5-3	6-1	6-9	5-2	6-5	7-5	8-3
		14	3-11	4-10	5-7	6-3	4-10	5-11	6-10	7-8
		16	3-8	4-6	5-3	5-10	4-6	5-6	6-5	7-2
		18	3-6	4-3	4-11	5-6	4-3	5-2	6-0	6-9

Species	Grade	Supported length (ft.)	2x6				2x8			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
S-P-F	No.1/No.2	4	7-9	9-0	9-11	10-8	9-5	11-6	13-0	14-0
		6	6-4	7-9	8-8	9-4	7-8	9-5	10-10	12-2
		8	5-5	6-8	7-8	8-5	6-7	8-1	9-4	10-6
		10	4-10	5-11	6-11	7-8	5-11	7-3	8-5	9-4
		12	4-5	5-5	6-3	7-0	5-5	6-7	7-8	8-7
		14	4-1	5-0	5-10	6-6	5-0	6-1	7-1	7-11
		16	3-10	4-8	5-5	6-1	4-8	5-9	6-7	7-5
		18	3-7	4-5	5-1	5-9	4-5	5-5	6-3	7-0
Northern	No.1/No.2	4	6-3	7-7	8-9	9-8	7-7	9-3	10-8	11-11
		6	5-1	6-3	7-2	8-0	6-2	7-7	8-9	9-9
		8	4-4	5-4	6-2	6-11	5-4	6-6	7-6	8-5
		10	3-11	4-9	5-6	6-2	4-9	5-10	6-9	7-6
		12	3-7	4-4	5-0	5-8	4-4	5-4	6-2	6-10
		14	3-3	4-0	4-8	5-2	4-0	4-11	5-8	6-4
		16	3-1	3-9	4-4	4-10	3-9	4-7	5-4	5-11
		18	2-11	3-7	4-1	4-7	3-6	4-4	5-0	5-7

Table 10.3b (continued) • **Built-Up Deck Beams - Incised**

Species	Grade	Supported length (ft.)	2x10				2x12			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
D.Fir-L	No.1/No.2	4	10-7	13-0	15-0	16-9	12-4	15-1	17-5	19-5
		6	8-8	10-7	12-3	13-8	10-0	12-4	14-2	15-11
		8	7-5	9-2	10-7	11-10	8-8	10-7	12-3	13-8
		10	6-8	8-2	9-5	10-7	7-9	9-6	10-11	12-3
		12	6-1	7-5	8-7	9-8	7-1	8-8	10-0	11-2
		14	5-7	6-11	8-0	8-11	6-6	8-0	9-3	10-4
		16	5-3	6-5	7-5	8-4	6-1	7-6	8-8	9-8
		18	4-11	6-1	7-0	7-10	5-9	7-1	8-2	9-1
Hem-Fir	No.1/No.2	4	11-1	13-7	15-9	17-7	12-11	15-10	18-3	20-5
		6	9-1	11-1	12-10	14-4	10-6	12-11	14-11	16-8
		8	7-10	9-7	11-1	12-5	9-1	11-2	12-10	14-5
		10	7-0	8-7	9-11	11-1	8-1	9-11	11-6	12-10
		12	6-5	7-10	9-0	10-1	7-5	9-1	10-6	11-9
		14	5-11	7-3	8-4	9-4	6-10	8-5	9-8	10-10
		16	5-6	6-9	7-10	8-9	6-5	7-10	9-1	10-2
		18	5-2	6-5	7-4	8-3	6-0	7-5	8-7	9-7

Species	Grade	Supported length (ft.)	Size of beam (in.)							
			2x10				2x12			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
S-P-F	No.1/No.2	4	11-6	14-1	16-3	17-10	13-4	16-4	18-11	20-9
		6	9-5	11-6	13-4	14-10	10-11	13-4	15-5	17-3
		8	8-1	9-11	11-6	12-10	9-5	11-6	13-4	14-11
		10	7-3	8-11	10-3	11-6	8-5	10-4	11-11	13-4
		12	6-7	8-1	9-4	10-6	7-8	9-5	10-10	12-2
		14	6-1	7-6	8-8	9-8	7-1	8-8	10-1	11-3
		16	5-9	7-0	8-1	9-1	6-8	8-2	9-5	10-6
		18	5-5	6-7	7-8	8-6	6-3	7-8	8-10	9-11
Northern	No.1/No.2	4	9-3	11-4	13-1	14-7	10-9	13-2	15-2	16-11
		6	7-7	9-3	10-8	11-11	8-9	10-9	12-5	13-10
		8	6-6	8-0	9-2	10-3	7-6	9-3	10-8	11-11
		10	5-10	7-1	8-3	9-2	6-9	8-3	9-7	10-8
		12	5-4	6-6	7-6	8-5	6-2	7-6	8-9	9-9
		14	4-11	6-0	6-11	7-9	5-8	7-0	8-1	9-0
		16	4-7	5-7	6-6	7-3	5-4	6-6	7-6	8-5
		18	4-4	5-4	6-1	6-10	5-0	6-2	7-1	7-11

Notes: See notes of Table 10.4b

Table 10.4a

Maximum Spans, Not Incised (ft.-in.)

Built-Up Deck Beams

Snow Load = 83.5 psf

Species	Grade	Supported length (ft.)	Size of beam (in.)				Size of beam (in.)			
			2x6				2x8			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
D.Fir-L	No.1/No.2	4	5-7	6-10	7-11	8-10	6-10	8-4	9-8	10-9
		6	4-7	5-7	6-6	7-3	5-7	6-10	7-10	8-9
		8	3-11	4-10	5-7	6-3	4-9	5-10	6-9	7-7
		10	3-6	4-4	5-0	5-7	4-3	5-3	6-1	6-9
		12	3-2	3-11	4-6	5-1	3-11	4-9	5-6	6-2
		14	2-11	3-7	4-2	4-8	3-7	4-5	5-1	5-9
		16	2-9	3-5	3-11	4-5	3-4	4-2	4-9	5-4
		18	2-7	3-2	3-8	4-2	3-2	3-11	4-6	5-0
Hem-Fir	No.1/No.2	4	5-10	7-2	8-3	8-11	7-2	8-9	10-1	11-3
		6	4-9	5-10	6-9	7-7	5-10	7-2	8-3	9-3
		8	4-1	5-0	5-10	6-6	5-0	6-2	7-1	7-11
		10	3-8	4-6	5-2	5-10	4-6	5-6	6-4	7-1
		12	3-4	4-1	4-9	5-4	4-1	5-0	5-9	6-6
		14	3-1	3-10	4-5	4-11	3-9	4-8	5-4	6-0
		16	2-11	3-7	4-1	4-7	3-6	4-4	5-0	5-7
		18	2-9	3-4	3-10	4-4	3-4	4-1	4-9	5-3

Species	Grade	Supported length (ft.)	Size of beam (in.)							
			2x6				2x8			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
S-P-F	No.1/No.2	4	6-1	7-2	7-10	8-6	7-5	9-1	10-4	11-2
		6	5-0	6-1	6-10	7-5	6-0	7-5	8-6	9-7
		8	4-3	5-3	6-0	6-9	5-2	6-4	7-4	8-3
		10	3-10	4-8	5-5	6-0	4-8	5-8	6-7	7-4
		12	3-6	4-3	4-11	5-6	4-3	5-2	6-0	6-9
		14	3-2	3-11	4-7	5-1	3-11	4-10	5-7	6-3
		16	3-0	3-8	4-3	4-9	3-8	4-6	5-2	5-10
		18	2-10	3-6	4-0	4-6	3-5	4-3	4-11	5-6
Northern	No.1/No.2	4	4-11	6-0	6-11	7-8	5-11	7-3	8-5	9-5
		6	4-0	4-11	5-8	6-4	4-10	5-11	6-10	7-8
		8	3-5	4-2	4-10	5-5	4-2	5-1	5-11	6-7
		10	3-1	3-9	4-4	4-10	3-9	4-7	5-3	5-11
		12	2-9	3-5	3-11	4-5	3-5	4-2	4-10	5-5
		14	2-7	3-2	3-8	4-1	3-2	3-10	4-5	5-0
		16	2-5	2-11	3-5	3-10	2-11	3-7	4-2	4-8
		18	2-3	2-9	3-3	3-7	2-9	3-5	3-11	4-5

Table 10.4a (continued) • **Built-Up Deck Beams - Not Incised**

Species	Grade	Supported length (ft.)	2x10				2x12			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
D.Fir-L	No.1/No.2	4	8-4	10-2	11-9	13-2	9-8	11-10	13-8	15-3
		6	6-10	8-4	9-7	10-9	7-11	9-8	11-2	12-6
		8	5-10	7-2	8-3	9-3	6-9	8-4	9-7	10-9
		10	5-3	6-5	7-5	8-3	6-1	7-5	8-7	9-7
		12	4-9	5-10	6-9	7-7	5-6	6-9	7-10	8-9
		14	4-5	5-5	6-3	7-0	5-1	6-3	7-3	8-1
		16	4-1	5-1	5-10	6-6	4-9	5-10	6-9	7-7
		18	3-11	4-9	5-6	6-2	4-6	5-6	6-5	7-2
Hem-Fir	No.1/No.2	4	8-9	10-8	12-4	13-10	10-2	12-5	14-4	16-0
		6	7-2	8-9	10-1	11-3	8-3	10-2	11-8	13-1
		8	6-2	7-6	8-8	9-9	7-1	8-9	10-1	11-3
		10	5-6	6-9	7-9	8-8	6-4	7-10	9-0	10-1
		12	5-0	6-2	7-1	7-11	5-10	7-1	8-3	9-2
		14	4-8	5-8	6-7	7-4	5-4	6-7	7-7	8-6
		16	4-4	5-4	6-2	6-10	5-0	6-2	7-1	8-0
		18	4-1	5-0	5-9	6-6	4-9	5-10	6-9	7-6

Species	Grade	Supported length (ft.)	Size of beam (in.)							
			2x10				2x12			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
S-P-F	No.1/No.2	4	9-1	11-1	12-9	14-3	10-6	12-10	14-10	16-7
		6	7-5	9-1	10-5	11-8	8-7	10-6	12-1	13-7
		8	6-4	7-9	9-0	10-1	7-5	9-1	10-5	11-8
		10	5-8	7-0	8-1	9-0	6-7	8-1	9-4	10-5
		12	5-2	6-4	7-4	8-3	6-0	7-5	8-6	9-6
		14	4-10	5-11	6-10	7-7	5-7	6-10	7-11	8-10
		16	4-6	5-6	6-4	7-1	5-2	6-5	7-5	8-3
		18	4-3	5-2	6-0	6-8	4-11	6-0	6-11	7-9
Northern	No.1/No.2	4	7-3	8-11	10-3	11-6	8-5	10-4	11-11	13-4
		6	5-11	7-3	8-5	9-4	6-11	8-5	9-9	10-10
		8	5-1	6-3	7-3	8-1	5-11	7-3	8-5	9-4
		10	4-7	5-7	6-5	7-3	5-3	6-6	7-6	8-5
		12	4-2	5-1	5-11	6-7	4-10	5-11	6-10	7-8
		14	3-10	4-9	5-5	6-1	4-6	5-6	6-4	7-1
		16	3-7	4-5	5-1	5-8	4-2	5-1	5-11	6-7
		18	3-5	4-2	4-10	5-4	3-11	4-10	5-7	6-3

Notes: See notes of Table 10.4b

Table 10.4b

Maximum Spans, Incised (ft.-in.)

Built-Up Deck Beams

Snow Load = 83.5 psf

Species	Grade	Supported length (ft.)	2x6				2x8			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
D.Fir-L	No.1/No.2	4	5-2	6-4	7-4	8-2	6-3	7-8	8-11	9-11
		6	4-3	5-2	5-11	6-8	5-2	6-3	7-3	8-1
		8	3-7	4-5	5-1	5-9	4-5	5-5	6-3	7-0
		10	3-3	3-11	4-7	5-1	3-11	4-10	5-7	6-3
		12	2-11	3-7	4-2	4-8	3-7	4-5	5-1	5-8
		14	2-9	3-4	3-10	4-4	3-4	4-1	4-8	5-3
		16	2-6	3-1	3-7	4-0	3-1	3-10	4-5	4-11
		18	2-5	2-11	3-5	3-10	2-11	3-7	4-2	4-8
Hem-Fir	No.1/No.2	4	5-5	6-8	7-8	8-7	6-7	8-1	9-4	10-5
		6	4-5	5-5	6-3	7-0	5-5	6-7	7-7	8-6
		8	3-9	4-8	5-4	6-0	4-7	5-8	6-7	7-4
		10	3-5	4-2	4-10	5-4	4-1	5-1	5-10	6-7
		12	3-1	3-9	4-5	4-11	3-9	4-7	5-4	6-0
		14	2-10	3-6	4-1	4-6	3-6	4-3	4-11	5-6
		16	2-8	3-3	3-9	4-3	3-3	4-0	4-7	5-2
		18	2-6	3-1	3-7	4-0	3-1	3-9	4-4	4-10

Species	Grade	Supported length (ft.)	Size of beam (in.)							
			2x6				2x8			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
S-P-F	No.1/No.2	4	5-7	6-10	7-9	8-4	6-10	8-4	9-8	10-9
		6	4-7	5-7	6-6	7-3	5-7	6-10	7-10	8-10
		8	3-11	4-10	5-7	6-3	4-9	5-10	6-9	7-7
		10	3-6	4-4	5-0	5-7	4-3	5-3	6-1	6-9
		12	3-2	3-11	4-6	5-1	3-11	4-9	5-6	6-2
		14	2-11	3-8	4-2	4-8	3-7	4-5	5-1	5-9
		16	2-9	3-5	3-11	4-5	3-4	4-2	4-9	5-4
		18	2-7	3-2	3-8	4-2	3-2	3-11	4-6	5-0
Northern	No.1/No.2	4	4-6	5-6	6-4	7-1	5-6	6-8	7-9	8-8
		6	3-8	4-6	5-2	5-10	4-6	5-6	6-4	7-1
		8	3-2	3-10	4-5	5-0	3-10	4-8	5-5	6-1
		10	2-10	3-5	4-0	4-5	3-5	4-2	4-10	5-5
		12	2-7	3-2	3-8	4-1	3-1	3-10	4-5	4-11
		14	2-4	2-11	3-4	3-9	2-11	3-6	4-1	4-7
		16	2-2	2-9	3-2	3-6	2-8	3-4	3-10	4-3
		18	2-1	2-7	2-11	3-4	2-6	3-1	3-7	4-0

Table 10.4b (continued) • **Built-Up Deck Beams - Incised**

Species	Grade	Supported length (ft.)	2x10				2x12			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
D.Fir-L	No.1/No.2	4	7-8	9-5	10-10	12-2	8-11	10-11	12-7	14-1
		6	6-3	7-8	8-10	9-11	7-3	8-11	10-3	11-6
		8	5-5	6-7	7-8	8-6	6-3	7-8	8-10	9-11
		10	4-10	5-11	6-10	7-8	5-7	6-10	7-11	8-10
		12	4-5	5-5	6-3	7-0	5-1	6-3	7-3	8-1
		14	4-1	5-0	5-9	6-5	4-9	5-9	6-8	7-6
		16	3-10	4-8	5-5	6-0	4-5	5-5	6-3	7-0
		18	3-7	4-5	5-1	5-8	4-2	5-1	5-11	6-7
Hem-Fir	No.1/No.2	4	8-1	9-10	11-5	12-9	9-4	11-5	13-3	14-9
		6	6-7	8-1	9-4	10-5	7-8	9-4	10-9	12-1
		8	5-8	6-11	8-0	9-0	6-7	8-1	9-4	10-5
		10	5-1	6-2	7-2	8-0	5-10	7-2	8-4	9-4
		12	4-7	5-8	6-6	7-4	5-4	6-7	7-7	8-6
		14	4-3	5-3	6-1	6-9	4-11	6-1	7-0	7-10
		16	4-0	4-11	5-8	6-4	4-8	5-8	6-7	7-4
		18	3-9	4-7	5-4	6-0	4-4	5-4	6-2	6-11

Species	Grade	Supported length (ft.)	2x10				2x12			
			2-Ply	3-PLY	4-PLY	5-Ply	2-PLY	3-PLY	4-PLY	5-Ply
S-P-F	No.1/No.2	4	8-4	10-3	11-9	13-2	9-8	11-10	13-8	15-4
		6	6-10	8-4	9-8	10-9	7-11	9-8	11-2	12-6
		8	5-10	7-2	8-4	9-3	6-10	8-4	9-8	10-9
		10	5-3	6-5	7-5	8-4	6-1	7-5	8-7	9-8
		12	4-9	5-10	6-9	7-7	5-7	6-10	7-10	8-9
		14	4-5	5-5	6-3	7-0	5-2	6-4	7-3	8-2
		16	4-2	5-1	5-10	6-7	4-10	5-11	6-10	7-7
		18	3-11	4-9	5-6	6-2	4-6	5-7	6-5	7-2
Northern	No.1/No.2	4	6-8	8-2	9-6	10-7	7-9	9-6	11-0	12-3
		6	5-6	6-8	7-9	8-8	6-4	7-9	9-0	10-0
		8	4-8	5-9	6-8	7-5	5-5	6-8	7-9	8-8
		10	4-2	5-2	5-11	6-8	4-10	6-0	6-11	7-9
		12	3-10	4-8	5-5	6-1	4-5	5-5	6-4	7-1
		14	3-6	4-4	5-0	5-7	4-1	5-0	5-10	6-6
		16	3-4	4-1	4-8	5-3	3-10	4-9	5-5	6-1
		18	3-1	3-10	4-5	4-11	3-7	4-5	5-2	5-9

Notes:

1. Beam depth must be equal to or greater than the joist depth if joist hangers are used to fasten the beam to the support.
2. Span tables are not valid if joists span continuously over more than two supports. Engineering analysis is required in this situation.
3. Provide a minimum of 2-3/4" of bearing for beams.