Southwest Type 5 GP, Type 5 MD, Type 7 GP and Type 7 HD

Floor Assembly UL D-949 (1, 1 1/2, 2 and 3 hour restrained/unrestrained assembly ratings)

Use 1 hour unrestrained beam rating for 1 to 2 hour restrained assembly rating *

Use 1 1/2 hour unrestrained beam rating for 3 hour restrained assembly rating *

Use beam ratings equal to assembly ratings for all unrestrained assembly ratings

Columns Bolded in Gray qualify for 1/2 flange tip thicknesses* 1/4 inch minimum

Full Flange Tip Thicknesses (NWC)				Unrestrained		Full Flange Tip Thicknesses (LWC)			
1 Hr	1.5 Hr	2 Hr	3 Hr	**Member**	**W/D**	1 Hr	1.5 Hr	2 Hr	3 Hr
0.53	0.79	1.15	1.77	W6x9	0.39	0.53	0.79	1.15	1.77
0.47	0.71	1.02	1.58	W6x12	0.51	0.47	0.71	1.02	1.58
0.42	0.62	0.90	1.39	W6x16	0.66	0.42	0.62	0.90	1.39
0.39	0.58	0.84	1.29	W6x19	0.76	0.39	0.58	0.84	1.29
0.41	0.62	0.90	1.38	W6x20	0.67	0.41	0.62	0.90	1.38
0.37	0.55	0.80	1.23	W6x26	0.82	0.37	0.55	0.80	1.23
0.54	0.81	1.17	1.80	W8x10	0.37	0.54	0.81	1.17	1.80
0.49	0.74	1.06	1.64	W8x13	0.47	0.49	0.74	1.06	1.64
0.46	0.69	1.00	1.54	W8x15	0.54	0.46	0.69	1.00	1.54
0.45	0.67	0.97	1.50	W8x18	0.57	0.45	0.67	0.97	1.50
0.42	0.62	0.90	1.39	W8x21	0.66	0.42	0.62	0.90	1.39
0.41	0.61	0.88	1.36	W8x24	0.69	0.41	0.61	0.88	1.36
0.38	0.56	0.81	1.25	W8x28	0.8	0.38	0.56	0.81	1.25
0.38	0.57	0.82	1.26	W8x31	0.79	0.38	0.57	0.82	1.26
0.35	0.53	0.77	1.18	W8x35	0.88	0.35	0.53	0.77	1.18
0.33	0.49	0.71	1.09	W8x40	1	0.33	0.49	0.71	1.09
0.29	0.44	0.64	0.98	W8x48	1.18	0.29	0.44	0.64	0.98
0.26	0.39	0.57	0.87	W8x58	1.41	0.26	0.39	0.57	0.87
0.24	0.36	0.51	0.79	W8x67	1.61	0.24	0.36	0.51	0.79
0.54	0.80	1.16	1.79	W10x12	0.38	0.54	0.80	1.16	1.79
0.49	0.73	1.05	1.62	W10x15	0.48	0.49	0.73	1.05	1.62
0.46	0.69	1.00	1.54	W10x17	0.54	0.46	0.69	1.00	1.54
0.44	0.66	0.96	1.47	W10x19	0.59	0.44	0.66	0.96	1.47
0.44	0.66	0.96	1.47	W10x22	0.59	0.44	0.66	0.96	1.47
0.41	0.61	0.88	1.36	W10x26	0.69	0.41	0.61	0.88	1.36
0.38	0.57	0.82	1.26	W10x30	0.79	0.38	0.57	0.82	1.26
0.38	0.57	0.83	1.28	W10x33	0.77	0.38	0.57	0.83	1.28
0.35	0.52	0.76	1.17	W10x39	0.9	0.35	0.52	0.76	1.17
0.32	0.48	0.70	1.07	W10x46	1.03	0.32	0.48	0.70	1.07
0.33	0.49	0.71	1.10	W10x49	0.99	0.33	0.49	0.71	1.10
0.31	0.47	0.67	1.04	W10x54	1.09	0.31	0.47	0.67	1.04
0.29	0.44	0.63	0.97	W10x60	1.2	0.29	0.44	0.63	0.97
0.27	0.40	0.58	0.89	W10x68	1.36	0.27	0.40	0.58	0.89
0.25	0.37	0.54	0.83	W10x77	1.52	0.25	0.37	0.54	0.83
0.23	0.34	0.49	0.75	W10x88	1.72	0.23	0.34	0.49	0.75
0.21	0.31	0.45	0.69	W10x100	1.93	0.21	0.31	0.45	0.69
0.19	0.29	0.41	0.64	W10x112	2.14	0.19	0.29	0.41	0.64
0.53	0.79	1.14	1.75	W12x14	0.4	0.53	0.79	1.14	1.75
0.50	0.75	1.08	1.67	W12x16	0.45	0.50	0.75	1.08	1.67
0.46	0.70	1.01	1.55	W12x19	0.53	0.46	0.70	1.01	1.55
0.43	0.65	0.94	1.45	W12x22	0.61	0.43	0.65	0.94	1.45
0.44	0.66	0.95	1.46	W12x26	0.6	0.44	0.66	0.95	1.46

1/16 = .06 **1/8 = .12** **3/16 = .18** **1/4 = .25** **5/16 = .31** **3/8 = .375** **7 /16 = .43** **1/2 = .50** **9/16 = .56** **5/8 = .62** **11/16 = .68** **3/4 = .75** **13/16 = .81** **7/8 = .87** **15/16 = .93**

Southwest Type 5GP, Type 5 MD, Type 7 GP & Type 7 HD

Floor Assembly UL D-949 (1, 1 1/2, 2 and 3 hour restrained/unrestrained assembly ratings)

Use 1 hour unrestrained beam rating for 1 to 2 hour restrained assembly rating *

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Use beam ratings equal to assembly ratings for all unrestrained assembly ratings

Columns Bolded in Gray qualify for 1/2 flange tip thicknesses * 1/4 inch minimum

Full Flange Tip Thicknesses (NWC)						Full Flange Tip Thicknesses (LWC)			
1 Hr	1.5 Hr	2 Hr	3 Hr	**Member**	**W/D**	1 Hr	1.5 Hr	2 Hr	3 Hr
0.41	0.61	0.88	1.36	W12x30	0.69	0.41	0.61	0.88	1.36
0.38	0.57	0.82	1.26	W12x35	0.79	0.38	0.57	0.82	1.26
0.36	0.54	0.78	1.21	W12x40	0.85	0.36	0.54	0.78	1.21
0.34	0.51	0.73	1.13	W12x45	0.95	0.34	0.51	0.73	1.13
0.32	0.48	0.69	1.07	W12x50	1.04	0.32	0.48	0.69	1.07
0.33	0.49	0.71	1.10	W12x53	0.99	0.33	0.49	0.71	1.10
0.32	0.48	0.69	1.07	W12x54	1.04	0.32	0.48	0.69	1.07
0.31	0.47	0.68	1.04	W12x58	1.08	0.31	0.47	0.68	1.04
0.31	0.47	0.67	1.04	W12x65	1.09	0.31	0.47	0.67	1.04
0.29	0.44	0.63	0.97	W12x72	1.2	0.29	0.44	0.63	0.97
0.27	0.41	0.59	0.91	W12x79	1.32	0.27	0.41	0.59	0.91
0.26	0.39	0.56	0.86	W12x87	1.44	0.26	0.39	0.56	0.86
0.24	0.36	0.52	0.81	W12x96	1.57	0.24	0.36	0.52	0.81
0.23	0.34	0.49	0.75	W12x106	1.73	0.23	0.34	0.49	0.75
0.21	0.31	0.45	0.69	W12x120	1.94	0.21	0.31	0.45	0.69
0.19	0.28	0.41	0.63	W12x136	2.17	0.19	0.28	0.41	0.63
0.18	0.26	0.38	0.58	W12x152	2.4	0.18	0.26	0.38	0.58
0.16	0.24	0.35	0.54	W12x170	2.66	0.16	0.24	0.35	0.54
0.15	0.22	0.32	0.50	W12x190	2.93	0.15	0.22	0.32	0.50
0.14	0.21	0.30	0.46	W12x210	3.21	0.14	0.21	0.30	0.46
0.13	0.19	0.28	0.43	W12x230	3.47	0.13	0.19	0.28	0.43
0.12	0.18	0.26	0.40	W12x262	3.76	0.12	0.18	0.26	0.40
0.11	0.17	0.24	0.37	W12x279	4.1	0.11	0.17	0.24	0.37
0.10	0.16	0.23	0.35	W12x305	4.41	0.10	0.16	0.23	0.35
0.10	0.15	0.21	0.33	W12x336	4.78	0.10	0.15	0.21	0.33
0.47	0.70	1.02	1.56	W14x22	0.52	0.47	0.70	1.02	1.56
0.43	0.65	0.94	1.45	W14x26	0.61	0.43	0.65	0.94	1.45
0.43	0.64	0.92	1.42	W14x30	0.63	0.43	0.64	0.92	1.42
0.40	0.60	0.87	1.34	W14x34	0.71	0.40	0.60	0.87	1.34
0.38	0.57	0.82	1.26	W14x38	0.79	0.38	0.57	0.82	1.26
0.36	0.54	0.78	1.21	W14x43	0.85	0.36	0.54	0.78	1.21
0.34	0.51	0.74	1.14	W14x48	0.94	0.34	0.51	0.74	1.14
0.32	0.48	0.70	1.07	W14x53	1.03	0.32	0.48	0.70	1.07
0.31	0.47	0.68	1.05	W14x61	1.07	0.31	0.47	0.68	1.05
0.29	0.44	0.64	0.98	W14x68	1.19	0.29	0.44	0.64	0.98
0.28	0.42	0.60	0.93	W14x74	1.28	0.28	0.42	0.60	0.93
0.26	0.39	0.57	0.87	W14x82	1.41	0.26	0.39	0.57	0.87
0.28	0.42	0.61	0.94	W14x90	1.27	0.28	0.42	0.61	0.94
0.26	0.40	0.57	0.88	W14x99	1.39	0.26	0.40	0.57	0.88
0.25	0.37	0.53	0.82	W14x109	1.53	0.25	0.37	0.53	0.82
0.23	0.35	0.50	0.77	W14x120	1.67	0.23	0.35	0.50	0.77
0.22	0.32	0.47	0.72	W14x132	1.83	0.22	0.32	0.47	0.72

1/16 = .06 **1/4 = .25** **7/16 = .43** **5/8 = .62** **13/16 = .81**

1/8 = .12 **5/16 = .31** **1/2 = .50** **11/16 = .68** **7/8 = .87**

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Columns Bolded in Gray qualify for 1/2 flange tip thicknesses * 1/4 inch minimum

Full Flange Tip Thicknesses (NWC)						Full Flange Tip Thicknesses (LWC)			
1 Hr	1.5 Hr	2 Hr	3 Hr	**Member**	**W/D**	1 Hr	1.5 Hr	2 Hr	3 Hr
0.21	0.31	0.45	0.69	W14x145	1.94	0.21	0.31	0.45	0.69
0.19	0.29	0.42	0.65	W14x159	2.11	0.19	0.29	0.42	0.65
0.18	0.28	0.40	0.61	W14x176	2.25	0.18	0.28	0.40	0.61
0.18	0.27	0.39	0.60	W14x193	2.32	0.18	0.27	0.39	0.60
0.16	0.24	0.34	0.52	W14x211	2.74	0.16	0.24	0.34	0.52
0.15	0.22	0.32	0.49	W14x233	3	0.15	0.22	0.32	0.49
0.14	0.20	0.29	0.45	W14x257	3.27	0.14	0.20	0.29	0.45
0.13	0.19	0.27	0.42	W14x283	3.57	0.13	0.19	0.27	0.42
0.12	0.18	0.25	0.39	W14x311	3.88	0.12	0.18	0.25	0.39
0.11	0.16	0.24	0.36	W14x342	4.21	0.11	0.16	0.24	0.36
0.10	0.15	0.22	0.34	W14x370	4.51	0.10	0.15	0.22	0.34
0.10	0.15	0.21	0.32	W14x398	4.8	0.10	0.15	0.21	0.32
0.09	0.14	0.20	0.31	W14x426	5.09	0.09	0.14	0.20	0.31
0.09	0.13	0.19	0.29	W14x455	5.38	0.09	0.13	0.19	0.29
0.08	0.12	0.18	0.27	W14x500	5.82	0.08	0.12	0.18	0.27
0.08	0.11	0.16	0.25	W14x550	6.3	0.08	0.11	0.16	0.25
0.07	0.11	0.15	0.24	W14x605	6.8	0.07	0.11	0.15	0.24
0.46	0.68	0.99	1.52	W16x26	0.55	0.46	0.68	0.99	1.52
0.42	0.63	0.91	1.40	W16x31	0.65	0.42	0.63	0.91	1.40
0.41	0.61	0.88	1.36	W16x36	0.69	0.41	0.61	0.88	1.36
0.39	0.58	0.84	1.29	W16x40	0.76	0.39	0.58	0.84	1.29
0.36	0.54	0.78	1.21	W16x45	0.85	0.36	0.54	0.78	1.21
0.34	0.51	0.74	1.14	W16x50	0.94	0.34	0.51	0.74	1.14
0.31	0.47	0.68	1.05	W16x67	1.07	0.31	0.47	0.68	1.05
0.31	0.47	0.68	1.05	W16x77	1.07	0.31	0.47	0.68	1.05
0.29	0.43	0.62	0.96	W16x89	1.22	0.29	0.43	0.62	0.96
0.24	0.36	0.53	0.81	W16x100	1.56	0.24	0.36	0.53	0.81
0.42	0.62	0.90	1.39	W18x35	0.66	0.42	0.62	0.90	1.39
0.39	0.58	0.84	1.29	W18x40	0.76	0.39	0.58	0.84	1.29
0.36	0.54	0.78	1.20	W18x46	0.86	0.36	0.54	0.78	1.20
0.36	0.54	0.77	1.19	W18x50	0.87	0.36	0.54	0.77	1.19
0.34	0.51	0.73	1.13	W18x55	0.95	0.34	0.51	0.73	1.13
0.32	0.48	0.70	1.07	W18x60	1.03	0.32	0.48	0.70	1.07
0.31	0.46	0.66	1.02	W18x65	1.11	0.31	0.46	0.66	1.02
0.29	0.43	0.63	0.97	W18x71	1.21	0.29	0.43	0.63	0.97
0.31	0.46	0.66	1.02	W18x76	1.11	0.31	0.46	0.66	1.02
0.29	0.43	0.62	0.95	W18x88	1.24	0.29	0.43	0.62	0.95
0.26	0.40	0.57	0.88	W18x97	1.39	0.26	0.40	0.57	0.88
0.25	0.37	0.54	0.83	W18x106	1.52	0.25	0.37	0.54	0.83
0.23	0.35	0.50	0.77	W18x119	1.68	0.23	0.35	0.50	0.77
0.39	0.59	0.85	1.32	W21x44	0.73	0.39	0.59	0.85	1.32
0.37	0.55	0.79	1.22	W21x50	0.83	0.37	0.55	0.79	1.22

1/16 = .06 **1/4 = .25** **7/16 = .43** **5/8 = .62** **13/16 = .81**

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Columns Bolded in Gray qualify for 1/2 flange tip thicknesses * 1/4 inch minimum

Full Flange Tip Thicknesses (NWC)						Full Flange Tip Thicknesses (LWC)			
1 Hr	1.5 Hr	2 Hr	3 Hr	**Member**	**W/D**	1 Hr	1.5 Hr	2 Hr	3 Hr
0.34	0.51	0.74	1.14	W21x57	0.93	0.34	0.51	0.74	1.14
0.34	0.51	0.74	1.14	W21x62	0.94	0.34	0.51	0.74	1.14
0.32	0.48	0.70	1.07	W21x68	1.03	0.32	0.48	0.70	1.07
0.29	0.43	0.62	0.95	W21x83	1.24	0.29	0.43	0.62	0.95
0.28	0.42	0.60	0.93	W21x93	1.29	0.28	0.42	0.60	0.93
0.27	0.40	0.57	0.88	W21x101	1.38	0.27	0.40	0.57	0.88
0.26	0.39	0.57	0.87	W21x111	1.41	0.26	0.39	0.57	0.87
0.25	0.37	0.53	0.82	W21x122	1.54	0.25	0.37	0.53	0.82
0.23	0.35	0.50	0.77	W21x132	1.66	0.23	0.35	0.50	0.77
0.22	0.32	0.47	0.72	W21x147	1.83	0.22	0.32	0.47	0.72
0.37	0.55	0.80	1.23	W24x55	0.82	0.37	0.55	0.80	1.23
0.35	0.52	0.75	1.15	W24x62	0.92	0.35	0.52	0.75	1.15
0.34	0.51	0.74	1.14	W24x68	0.93	0.34	0.51	0.74	1.14
0.32	0.49	0.70	1.08	W24x76	1.02	0.32	0.49	0.70	1.08
0.30	0.45	0.66	1.01	W24x84	1.13	0.30	0.45	0.66	1.01
0.28	0.42	0.61	0.94	W24x94	1.26	0.28	0.42	0.61	0.94
0.29	0.43	0.62	0.96	W24x104	1.22	0.29	0.43	0.62	0.96
0.27	0.40	0.58	0.89	W24x117	1.36	0.27	0.40	0.58	0.89
0.25	0.37	0.54	0.83	W24x131	1.52	0.25	0.37	0.54	0.83
0.23	0.35	0.50	0.77	W24x146	1.68	0.23	0.35	0.50	0.77
0.21	0.32	0.46	0.71	W24x162	1.85	0.21	0.32	0.46	0.71
0.32	0.49	0.70	1.08	W27x84	1.02	0.32	0.49	0.70	1.08
0.30	0.45	0.66	1.01	W27x94	1.13	0.30	0.45	0.66	1.01
0.29	0.43	0.62	0.96	W27x102	1.23	0.29	0.43	0.62	0.96
0.27	0.40	0.58	0.89	W27x114	1.36	0.27	0.40	0.58	0.89
0.25	0.37	0.53	0.82	W27x146	1.53	0.25	0.37	0.53	0.82
0.23	0.35	0.50	0.77	W27x161	1.68	0.23	0.35	0.50	0.77
0.21	0.32	0.46	0.71	W27x178	1.85	0.21	0.32	0.46	0.71
0.31	0.46	0.67	1.03	W30x99	1.1	0.31	0.46	0.67	1.03
0.29	0.44	0.63	0.97	W30x108	1.2	0.29	0.44	0.63	0.97
0.28	0.42	0.60	0.93	W30x116	1.28	0.28	0.42	0.60	0.93
0.27	0.40	0.58	0.89	W30x124	1.37	0.27	0.40	0.58	0.89
0.25	0.38	0.55	0.85	W30x132	1.46	0.25	0.38	0.55	0.85
0.23	0.35	0.50	0.77	W30x173	1.66	0.23	0.35	0.50	0.77
0.22	0.33	0.47	0.72	W30x191	1.82	0.22	0.33	0.47	0.72
0.20	0.30	0.44	0.67	W30x211	2	0.20	0.30	0.44	0.67
0.29	0.44	0.64	0.98	W33x118	1.19	0.29	0.44	0.64	0.98
0.27	0.41	0.60	0.92	W33x130	1.31	0.27	0.41	0.60	0.92
0.26	0.39	0.57	0.87	W33x141	1.41	0.26	0.39	0.57	0.87
0.25	0.37	0.54	0.83	W33x152	1.51	0.25	0.37	0.54	0.83
0.22	0.33	0.48	0.74	W33x201	1.78	0.22	0.33	0.48	0.74

1/16 = .06	**1/4 = .25**	**7/16 = .43**	**5/8 = .62**	**13/16 = .81**
1/8 = .12	**5/16 = .31**	**1/2 = .50**	**11/16 = .68**	**7/8 = .87**
3/16 = .18	**3/8 = .375**	**9/16 = .56**	**3/4 = .75**	**15/16 = .93**

Southwest Type 5 GP, Type 5 MD, Type 7 GP and Type 7 HD

Floor Assembly UL D-949 (1, 1 1/2, 2 and 3 hour restrained and unrestrained assembly ratings

Columns Bolded in Gray qualify for 1/2 flange tip thicknesses

Full Flange Tip Thicknesses (NWC & LWC)							1/2 Flange Tip Thicknesses (NWC & LWC)				
1 Hour	1 -1/2 Hour	2 Hour	3 Hour	4 Hour	Member	W/D	1 Hour	1 -1/2 Hour	2 Hour	3 Hour	4 Hour
0.20	0.30	0.44	0.68	0.88	33x221	1.97	0.20	0.30	0.44	0.75	1.05
0.19	0.29	0.41	0.64	0.83	33x241	2.13	0.19	0.29	0.41	0.70	0.99
0.18	0.27	0.39	0.60	0.77	33x263	2.33	0.18	0.27	0.39	0.66	0.92
0.17	0.25	0.36	0.56	0.72	33x291	2.55	0.17	0.25	0.36	0.61	0.86
0.15	0.23	0.34	0.52	0.67	33x318	2.77	0.15	0.23	0.34	0.57	0.80
0.14	0.21	0.31	0.48	0.62	33x354	3.05	0.14	0.21	0.31	0.53	0.74
0.13	0.20	0.29	0.45	0.58	33x387	3.31	0.13	0.20	0.29	0.49	0.69
0.28	0.41	0.60	0.93	1.20	36x135	1.29	0.28	0.41	0.60	1.02	1.43
0.26	0.38	0.56	0.86	1.12	36x150	1.43	0.26	0.38	0.56	0.95	1.33
0.25	0.37	0.54	0.83	1.08	36x160	1.51	0.25	0.37	0.54	0.91	1.28
0.24	0.35	0.51	0.80	1.03	36x170	1.6	0.24	0.35	0.51	0.87	1.23
0.22	0.34	0.49	0.75	0.98	36x182	1.72	0.22	0.34	0.49	0.83	1.16
0.22	0.32	0.47	0.73	0.94	36x194	1.81	0.22	0.32	0.47	0.80	1.12
0.20	0.30	0.44	0.68	0.89	36x210	1.96	0.20	0.30	0.44	0.75	1.05
0.20	0.31	0.44	0.69	0.89	36x230	1.95	0.20	0.31	0.44	0.75	1.06
0.19	0.28	0.41	0.64	0.83	36x232	2.15	0.19	0.28	0.41	0.70	0.98
0.19	0.29	0.42	0.65	0.85	36x245	2.08	0.19	0.29	0.42	0.72	1.01
0.18	0.26	0.38	0.59	0.76	36x256	2.37	0.18	0.26	0.38	0.65	0.91
0.19	0.28	0.41	0.63	0.82	36x260	2.18	0.19	0.28	0.41	0.69	0.97
0.18	0.26	0.38	0.59	0.77	36x280	2.35	0.18	0.26	0.38	0.65	0.92
0.17	0.25	0.36	0.56	0.73	36x300	2.5	0.17	0.25	0.36	0.62	0.87
0.16	0.23	0.34	0.53	0.68	36x328	2.73	0.16	0.23	0.34	0.58	0.81
0.15	0.22	0.32	0.49	0.64	36x359	2.97	0.15	0.22	0.32	0.54	0.76
0.14	0.20	0.29	0.45	0.59	36x393	3.25	0.14	0.20	0.29	0.50	0.70
0.12	0.19	0.27	0.42	0.54	36x439	3.57	0.12	0.19	0.27	0.46	0.65
0.11	0.16	0.23	0.36	0.47	36x527	4.22	0.11	0.16	0.23	0.40	0.56
0.09	0.14	0.20	0.31	0.40	36x650	5.08	0.09	0.14	0.20	0.34	0.48
0.08	0.12	0.17	0.26	0.34	36x798	6.09	0.08	0.12	0.17	0.29	0.40
0.26	0.40	0.57	0.89	1.15	40x149	1.37	0.26	0.40	0.57	0.97	1.37
0.24	0.37	0.53	0.82	1.07	40x167	1.53	0.24	0.37	0.53	0.90	1.27
0.23	0.35	0.50	0.77	1.00	40x183	1.66	0.23	0.35	0.50	0.85	1.19
0.23	0.35	0.50	0.78	1.01	40x199	1.64	0.23	0.35	0.50	0.86	1.21
0.21	0.31	0.45	0.70	0.91	40x211	1.9	0.21	0.31	0.45	0.77	1.08
0.22	0.33	0.48	0.74	0.96	40x215	1.76	0.22	0.33	0.48	0.81	1.14
0.19	0.29	0.42	0.65	0.84	40x235	2.1	0.19	0.29	0.42	0.71	1.00
0.20	0.30	0.43	0.67	0.87	40x249	2.02	0.20	0.30	0.43	0.73	1.03
0.18	0.26	0.38	0.59	0.77	40x264	2.36	0.18	0.26	0.38	0.65	0.91
0.18	0.27	0.40	0.61	0.80	40x277	2.25	0.18	0.27	0.40	0.67	0.95
0.17	0.25	0.37	0.57	0.74	40x278	2.48	0.17	0.25	0.37	0.62	0.88
0.17	0.26	0.38	0.58	0.75	40x297	2.41	0.17	0.26	0.38	0.64	0.90
0.16	0.24	0.35	0.55	0.71	40x324	2.61	0.16	0.24	0.35	0.60	0.84
0.15	0.22	0.32	0.50	0.65	40x327	2.89	0.15	0.22	0.32	0.55	0.77
0.15	0.22	0.32	0.50	0.65	40x331	2.9	0.15	0.22	0.32	0.55	0.77
0.15	0.22	0.32	0.50	0.65	40x362	2.9	0.15	0.22	0.32	0.55	0.77
0.15	0.22	0.32	0.49	0.63	40x372	2.98	0.15	0.22	0.32	0.54	0.75
0.13	0.20	0.28	0.44	0.57	40x392	3.38	0.13	0.20	0.28	0.48	0.68
0.19	0.28	0.41	0.64	0.83	40x397	2.15	0.19	0.28	0.41	0.70	0.98
0.13	0.19	0.28	0.44	0.56	40x431	3.42	0.13	0.19	0.28	0.48	0.67
0.11	0.17	0.25	0.39	0.50	40x503	3.93	0.11	0.17	0.25	0.42	0.60
0.10	0.15	0.22	0.34	0.44	40x593	4.56	0.10	0.15	0.22	0.37	0.52
0.22	0.33	0.48	0.74	0.96	44x230	1.77	0.22	0.33	0.48	0.81	1.14
0.20	0.30	0.43	0.67	0.87	44x262	2	0.20	0.30	0.43	0.74	1.04
0.19	0.28	0.40	0.63	0.81	44x290	2.2	0.19	0.28	0.40	0.69	0.96
0.17	0.25	0.36	0.56	0.73	44x335	2.52	0.17	0.25	0.36	0.62	0.87