

MOMENT TABLE

FOR ONE RAIL
CLASS I LOADING, DOMINION GOVERNMENT SPECIFICATIONS, 1908

Moments in kip-feet.

Distances in feet.

Loads in kips.

12.15	0	12.15	1	8	2	23.4	36.45	12.15	19543.50
12.15	0	12.15	1	8	2	23.4	72.90	18861.30	18520.20
12.15	0	12.15	1	8	2	23.4	48.60	18179.10	17838.00
12.15	0	12.15	1	8	2	23.4	24.30	17513.10	17188.20
12.15	0	12.15	1	8	2	23.4	12.15	16863.30	16538.40
12.15	0	12.15	1	8	2	23.4	0	16213.50	15904.80
12.15	0	12.15	1	8	2	23.4	0	15596.10	15287.40
12.15	0	12.15	1	8	2	23.4	0	14978.70	14670.00
12.15	0	12.15	1	8	2	23.4	0	14361.30	14052.60
12.15	0	12.15	1	8	2	23.4	0	13743.90	13435.20
12.15	0	12.15	1	8	2	23.4	0	13126.50	12817.80
12.15	0	12.15	1	8	2	23.4	0	12509.10	12200.40
12.15	0	12.15	1	8	2	23.4	0	11891.70	11583.00
12.15	0	12.15	1	8	2	23.4	0	11274.30	10965.60
12.15	0	12.15	1	8	2	23.4	0	10656.90	10348.20
12.15	0	12.15	1	8	2	23.4	0	10039.50	9730.80
12.15	0	12.15	1	8	2	23.4	0	9422.10	9113.40
12.15	0	12.15	1	8	2	23.4	0	8804.70	8496.00
12.15	0	12.15	1	8	2	23.4	0	8187.30	7878.60
12.15	0	12.15	1	8	2	23.4	0	7569.90	7261.20
12.15	0	12.15	1	8	2	23.4	0	6952.50	6643.80
12.15	0	12.15	1	8	2	23.4	0	6335.10	6026.40
12.15	0	12.15	1	8	2	23.4	0	5717.70	5409.00
12.15	0	12.15	1	8	2	23.4	0	5100.30	4791.60
12.15	0	12.15	1	8	2	23.4	0	4482.90	4174.20
12.15	0	12.15	1	8	2	23.4	0	3865.50	3556.80
12.15	0	12.15	1	8	2	23.4	0	3248.10	2939.40
12.15	0	12.15	1	8	2	23.4	0	2630.70	2322.00
12.15	0	12.15	1	8	2	23.4	0	2013.30	1704.60
12.15	0	12.15	1	8	2	23.4	0	1395.90	1087.20
12.15	0	12.15	1	8	2	23.4	0	778.50	469.80
12.15	0	12.15	1	8	2	23.4	0	161.10	85.40
12.15	0	12.15	1	8	2	23.4	0	0	0

19543.50	341.1	19885.725	345.6	343.35	110
63775.80	5661	64338.525	561.6	559.35	208
62657.10	5616	63215.325	557.1	554.85	204
61547.40	5571	62101.125	552.6	550.35	202
60446.70	5526	60995.925	548.1	545.85	201
59355.00	5481	59899.725	543.6	541.35	199
58272.30	5436	58812.525	539.1	536.85	196
57198.60	5391	57734.325	534.6	532.35	195
56133.90	5346	56665.125	530.1	527.85	193
55078.20	5301	55604.925	525.6	523.35	191
54031.50	5256	54553.725	521.1	518.85	189
52993.80	5211	53511.525	516.6	514.35	187
51965.10	5166	52478.325	512.1	509.85	185
50945.40	5121	51454.125	507.6	505.35	182
49934.70	5076	50438.925	503.1	500.85	180
48933.00	5031	49432.725	498.6	496.35	178
47940.30	4986	48435.525	494.1	491.85	176
46956.60	4941	47447.325	489.6	487.35	174
45981.90	4896	46468.125	485.1	482.85	172
45016.20	4851	45497.925	480.6	478.35	170
44059.50	4806	44536.725	476.1	473.85	168
43111.80	4761	43584.525	471.6	469.35	166
42173.10	4716	42641.325	467.1	464.85	164
41243.40	4671	41707.125	462.6	460.35	162
40322.70	4626	40781.925	458.1	455.85	160
39411.00	4581	39865.725	453.6	451.35	158
38508.30	4536	38958.525	449.1	446.85	156
37614.60	4491	38060.325	444.6	442.35	154
36729.90	4446	37171.125	440.1	437.85	152
35854.20	4401	36290.925	435.6	433.35	150
34987.50	4356	35419.725	431.1	428.85	148
34129.80	4311	34557.525	426.6	424.35	146
33281.10	4266	33704.325	422.1	419.85	144
32441.40	4221	32860.125	417.6	415.35	142
31610.70	4176	32024.925	413.1	410.85	140
30789.00	4131	31198.725	408.6	406.35	138
29976.30	4086	30381.525	404.1	401.85	136
29172.60	4041	29573.325	399.6	397.35	134
28377.90	3996	28774.125	395.1	392.85	132
27592.20	3951	27983.925	390.6	388.35	130
26815.50	3906	27202.725	386.1	383.85	128
26047.80	3861	26430.525	381.6	379.35	126
25289.10	3816	25667.325	377.1	374.85	124
24539.40	3771	24913.125	372.6	370.35	122
23798.70	3726	24167.925	368.1	365.85	120
23067.00	3681	23431.725	363.6	361.35	118
22344.30	3636	22704.525	359.1	356.85	116
21630.60	3591	21986.325	354.6	352.35	114
20925.90	3546	21277.125	350.1	347.85	112
20230.20	3501	20576.925	345.6	343.35	110
19543.50	3456	19885.725	341.1	338.85	109

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[Courtesy of "Applied Science".

See Page 21 for explanation.