


Liftcrane Boom Capacities

Boom No. B10:500
with 309,100 lb Fixed Position Counterweight
at 13.4 ft Position
Crawler Machine on a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Two Swing Drives

MLC300 SERIES 1


 **LIFTING CAPACITIES:** Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and may be based on percent of static tipping or strength of structural components.


Upper boom point capacity for liftcrane service with single part whip line from Drum 6 is 30,000 lb or 60,000 lb with two part whip line. When Drum 2 or Drum 3 is used, capacity with single part whip line is 36,700 lb or 73,500 lb with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.


Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves is considered part of load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

BOOM BACKWARD STABILITY: Capacities indicated by (b) require 5,000 lb minimum weight suspended beneath boom point. **Caution: Do not operate in areas indicated by (b) without required minimum weight.** *Boom may not lower and boom hoist wire rope may go slack causing wire rope damage or failure.*

OPERATING CONDITIONS: Machine to operate on a firm and uniformly supporting surface with machine list not to exceed degrees noted. Refer to Boom Rigging **No. 81023380**, Wire Rope Specifications chart **No. 9341-A**, Counterweight Arrangements **No. 9345-A**, and Wind Conditions chart **No. 9344-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to the Operator Manual for operating guidelines.

 **OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation at barge deck to center of vertical hoist line or load block.

 **BOOM ANGLE:** Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

 **BOOM POINT ELEVATION:** Boom point elevation is vertical distance from barge deck to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with two swing drives, 31 ft 10 in. crawlers, 48 in. or 60 in. treads, 30 ft live mast, 24 part boom hoist reeving, boom support straps, and 309,100 lb Fixed Position Counterweight.

Warning: Luffing jib backstay straps must be removed before use of this chart. *Crane tipping or structural damage can occur.*

Refer to Tables 1 and 2 for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath boom point sheaves. For block weights shown with #, load blocks, hooks, weight ball, and slings must remain on barge deck until combined weights are within rated capacity of chart. Raising is not permitted in shaded areas of table.

Combined weight beneath boom point sheaves must not exceed block weight shown.

Table 1

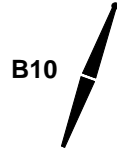
Over End or Side of Crawlers				
Boom Length (ft)	Machine List			
	0°	1°	2°	3°
	Block Weight (lb)			
98.4	22,900	22,900	22,900	22,900
118.1	22,900	22,900	22,900	22,900
137.8	22,900	22,900	22,900	22,900
157.5	22,900	22,900	22,900	22,900
177.2	15,800	15,800	15,800	15,800
196.9	8,300	8,300	8,300	8,300
216.5	#	#	#	#
236.2	#	#	#	#
255.9	Raising Not Permitted			

Table 2

Over End of Blocked Crawlers				
Boom Length (ft)	Machine List			
	0°	1°	2°	3°
	Block Weight (lb)			
98.4	22,900	22,900	22,900	22,900
118.1	22,900	22,900	22,900	22,900
137.8	22,900	22,900	22,900	22,900
157.5	22,900	22,900	22,900	22,900
177.2	15,800	15,800	15,800	15,800
196.9	8,300	8,300	8,300	8,300
216.5	#	#	#	#
236.2	#	#	#	#
255.9	#	#	#	#

Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. Crane tipping or structural damage can occur.

Explanation of Symbols



Boom No. B10:500



Fixed Position Counterweight



360 Degree Rating



Boom Length



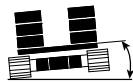
Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)



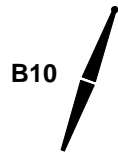
Machine List



Lifting Capacities
(see page 1)

REFERENCE ONLY!

MLC300 S-1



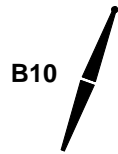
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
18	84.5	104.8	661,400 b				18
19	83.9	104.6	661,400 b				19
20	83.3	104.5	661,400 b	539,100 b			20
21	82.7	104.3	648,000 b	538,800 b			21
22	82.1	104.2	624,800 b	538,500 b			22
24	80.9	103.8	582,700	534,000	404,400 b		24
26	79.8	103.4	540,000	474,300	404,000		26
28	78.6	102.9	471,400	419,900	377,500		28
30	77.4	102.4	417,700	376,100	341,200	311,600	30
32	76.2	101.9	374,400	340,200	311,000	285,800	32
34	74.9	101.3	338,800	310,100	285,300	263,700	34
36	73.7	100.6	309,000	284,600	263,300	244,500	36
38	72.5	99.9	283,700	262,700	244,200	227,700	38
40	71.3	99.2	261,900	243,700	227,500	212,900	40
45	68.1	97.1	218,800	205,500	193,500	182,500	45
50	64.9	94.8	186,900	176,800	167,500	158,900	50
55	61.6	92.0	162,200	154,400	147,000	140,200	55
60	58.1	88.8	142,700	136,400	130,400	124,900	60
65	54.5	85.2	126,700	121,600	116,700	112,100	65
70	50.8	81.1	113,400	109,200	105,200	101,400	70
75	46.8	76.4	102,200	98,700	95,400	92,200	75
80	42.5	71.0	92,600	89,700	86,900	84,200	80
85	37.8	64.6	84,300	81,900	79,500	77,300	85
90	32.4	56.9	76,900	74,900	73,000	71,100	90
95	26.0	47.1	70,400	68,800	67,200	65,700	95
100	17.4	33.1	64,400	63,200	62,000	60,800	100

MLC300 S-1



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
19	84.9	124.5	649,700 b				19
20	84.4	124.4	646,400 b				20
21	83.9	124.2	627,700	520,900 b			21
22	83.5	124.1	605,900	516,400 b			22
24	82.5	123.8	566,300	507,100	393,400 b		24
26	81.5	123.4	531,200	464,900	392,900		26
28	80.5	123.0	472,600	412,400	364,600		28
30	79.5	122.6	418,600	370,000	330,400	305,700	30
32	78.5	122.2	375,200	335,100	301,800	297,600	32
34	77.5	121.7	339,500	305,800	277,400	273,800	34
36	76.5	121.2	309,600	280,900	256,400	253,200	36
38	75.5	120.6	284,100	259,400	238,100	235,300	38
40	74.5	120.0	262,300	240,800	222,000	219,500	40
45	71.9	118.3	219,100	203,300	189,300	205,500	45
50	69.3	116.4	187,000	175,000	164,100	176,700	50
55	66.7	114.2	162,300	152,900	144,200	154,200	55
60	64.0	111.7	142,700	135,100	128,000	136,200	60
65	61.2	108.9	126,700	120,500	114,700	121,500	65
70	58.4	105.8	113,500	108,300	103,400	109,200	70
75	55.4	102.3	102,300	97,900	93,800	98,800	75
80	52.3	98.5	92,700	89,000	85,500	89,800	80
85	49.1	94.1	84,400	81,200	78,200	82,100	85
90	45.7	89.2	77,100	74,400	71,800	75,300	90
95	42.1	83.7	70,700	68,400	66,100	69,300	95
100	38.2	77.4	65,000	63,000	61,000	63,900	100
105	33.9	70.1	59,900	58,100	56,500	59,200	105
110	29.0	61.3	55,200	53,700	52,300	54,900	110
115	23.2	50.3	50,900	49,700	48,600	50,900	115

MLC300 S-1



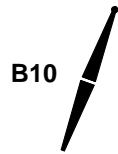
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
21	84.8	144.1	590,500				21
22	84.4	143.9	584,900				22
24	83.6	143.7	548,100	455,600			24
26	82.7	143.4	515,300	448,200	366,500		26
28	81.9	143.1	473,300	404,800	352,100	289,600	28
30	81.0	142.7	419,200	363,700	320,000	284,600	30
32	80.2	142.3	375,600	329,800	292,800	262,400	32
34	79.3	141.9	339,700	301,200	269,600	243,200	34
36	78.5	141.5	309,700	276,900	249,500	226,400	36
38	77.6	141.0	284,200	255,900	232,000	211,600	38
40	76.8	140.5	262,300	237,600	216,600	198,400	40
45	74.6	139.1	218,900	200,800	184,900	171,000	45
50	72.4	137.4	186,800	172,900	160,600	149,500	50
55	70.2	135.6	162,000	151,100	141,200	132,200	55
60	68.0	133.5	142,400	133,500	125,400	118,000	60
65	65.7	131.2	126,400	119,100	112,300	106,100	65
70	63.3	128.7	113,100	107,000	101,300	96,000	70
75	61.0	125.9	101,900	96,700	91,900	87,300	75
80	58.5	122.8	92,300	87,900	83,700	79,800	80
85	56.0	119.4	84,000	80,200	76,600	73,200	85
90	53.4	115.7	76,700	73,400	70,300	67,300	90
95	50.7	111.5	70,400	67,500	64,700	62,100	95
100	47.9	107.0	64,700	62,100	59,700	57,400	100
105	45.0	102.0	59,600	57,400	55,200	53,200	105
110	41.9	96.4	55,000	53,000	51,200	49,300	110
115	38.5	90.2	50,800	49,100	47,400	45,800	115
120	34.9	83.1	47,000	45,500	44,100	42,600	120
125	31.0	75.0	43,500	42,200	41,000	39,700	125
130	26.4	65.2	40,300	39,200	38,100	37,000	130
135	20.9	53.0	37,300	36,300	35,400	34,500	135

MLC300 S-1



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
24	84.4	163.5	528,400					24
26	83.6	163.3	497,900	404,100				26
28	82.9	163.0	470,400	397,100	329,100			28
30	82.2	162.7	419,400	357,300	309,700			30
32	81.4	162.3	375,600	324,200	283,900	251,500		32
34	80.7	162.0	339,600	296,400	261,800	233,500		34
36	79.9	161.6	309,500	272,600	242,600	217,700		36
38	79.2	161.2	283,900	252,100	225,800	203,700		38
40	78.5	160.7	261,900	234,100	210,900	191,200		40
45	76.6	159.5	218,400	197,900	180,400	165,100		45
50	74.7	158.1	186,200	170,500	156,700	144,600		50
55	72.8	156.5	161,300	148,900	137,900	128,000		55
60	70.9	154.8	141,600	131,500	122,500	114,200		60
65	68.9	152.8	125,500	117,200	109,600	102,700		65
70	66.9	150.6	112,200	105,200	98,800	92,900		70
75	64.9	148.3	101,000	95,100	89,600	84,500		75
80	62.9	145.7	91,400	86,300	81,500	77,100		80
85	60.8	142.8	83,100	78,700	74,500	70,600		85
90	58.6	139.8	75,800	72,000	68,300	64,900		90
95	56.5	136.4	69,400	66,000	62,800	59,800		95
100	54.2	132.8	63,700	60,800	57,900	55,200		100
105	51.9	128.9	58,700	56,000	53,500	51,100		105
110	49.5	124.6	54,100	51,700	49,500	47,300		110
115	47.0	119.9	49,900	47,800	45,800	43,900		115
120	44.4	114.8	46,200	44,300	42,500	40,700		120
125	41.7	109.2	42,700	41,000	39,400	37,800		125
130	38.8	103.0	39,500	38,000	36,600	35,200		130
135	35.7	96.1	36,600	35,300	34,000	32,700		135
140	32.3	88.3	33,900	32,700	31,600	30,400		140
145	28.6	79.3	31,400	30,300	29,300	28,300		145
150	24.3	68.7	29,000	28,100	27,200	26,300		150
155	19.1	55.2	26,700	26,000	25,200	24,400		155

MLC300 S-1



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
24	85.0	183.3	491,000				24
26	84.3	183.1	480,100				26
28	83.7	182.8	454,700				28
30	83.0	182.6	420,000	360,700			30
32	82.4	182.3	376,100	319,400	276,100		32
34	81.7	182.0	340,100	292,300	255,000	225,000	34
36	81.1	181.6	309,900	269,100	236,600	210,200	36
38	80.4	181.2	284,200	249,000	220,500	196,900	38
40	79.8	180.9	262,200	231,400	206,200	185,100	40
45	78.1	179.8	218,500	195,800	176,700	160,300	45
50	76.4	178.5	186,200	168,800	153,700	140,600	50
55	74.8	177.1	161,300	147,500	135,400	124,600	55
60	73.1	175.6	141,600	130,300	120,300	111,400	60
65	71.4	173.9	125,500	116,200	107,800	100,200	65
70	69.6	172.0	112,100	104,300	97,200	90,700	70
75	67.9	169.9	100,900	94,200	88,100	82,500	75
80	66.1	167.7	91,200	85,500	80,200	75,300	80
85	64.3	165.3	82,900	78,000	73,300	69,000	85
90	62.5	162.6	75,700	71,300	67,200	63,400	90
95	60.6	159.8	69,300	65,400	61,800	58,400	95
100	58.7	156.7	63,600	60,200	57,000	53,900	100
105	56.8	153.4	58,500	55,500	52,600	49,900	105
110	54.8	149.9	53,900	51,200	48,600	46,200	110
115	52.8	146.1	49,800	47,400	45,000	42,800	115
120	50.7	142.0	46,000	43,800	41,700	39,700	120
125	48.5	137.5	42,600	40,600	38,700	36,900	125
130	46.3	132.7	39,500	37,700	35,900	34,200	130
135	44.0	127.6	36,500	34,900	33,300	31,800	135
140	41.5	121.9	33,900	32,400	31,000	29,600	140
145	39.0	115.8	31,400	30,000	28,700	27,500	145
150	36.2	109.0	29,000	27,800	26,700	25,500	150
155	33.3	101.5	26,900	25,800	24,700	23,700	155
160	30.1	93.0	24,800	23,900	22,900	22,000	160
165	26.6	83.3	22,900	22,000	21,200	20,300	165
170	22.5	71.8	21,100	20,300	19,600	18,800	170
175	17.5	57.1	19,300	18,700	18,000	17,400	175

MLC300 S-1



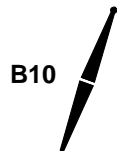
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
26	84.9	202.9	424,000				26
28	84.3	202.7	420,800				28
30	83.7	202.4	410,900	308,300			30
32	83.2	202.2	375,700	304,600			32
34	82.6	201.9	339,500	287,300	247,400		34
36	82.0	201.6	309,200	264,500	229,800	202,000	36
38	81.4	201.2	283,500	244,800	214,300	189,500	38
40	80.8	200.9	261,400	227,600	200,500	178,200	40
45	79.3	199.9	217,600	192,600	171,900	154,500	45
50	77.8	198.8	185,200	166,000	149,700	135,700	50
55	76.3	197.6	160,200	144,900	131,800	120,300	55
60	74.8	196.2	140,300	128,000	117,100	107,500	60
65	73.3	194.7	124,200	113,900	104,800	96,700	65
70	71.8	193.0	110,800	102,200	94,400	87,400	70
75	70.2	191.2	99,500	92,200	85,500	79,400	75
80	68.6	189.2	89,900	83,500	77,700	72,400	80
85	67.1	187.0	81,600	76,000	70,900	66,200	85
90	65.5	184.7	74,300	69,400	64,900	60,700	90
95	63.8	182.3	67,900	63,600	59,600	55,800	95
100	62.2	179.6	62,200	58,300	54,800	51,400	100
105	60.5	176.7	57,100	53,700	50,500	47,400	105
110	58.8	173.7	52,500	49,400	46,500	43,800	110
115	57.1	170.4	48,400	45,600	43,000	40,500	115
120	55.3	167.0	44,600	42,100	39,700	37,500	120
125	53.5	163.2	41,200	38,900	36,700	34,700	125
130	51.6	159.3	38,000	35,900	34,000	32,100	130
135	49.7	155.0	35,100	33,200	31,400	29,700	135
140	47.7	150.5	32,400	30,700	29,100	27,500	140
145	45.7	145.6	29,900	28,400	26,900	25,400	145
150	43.6	140.3	27,600	26,200	24,800	23,500	150
155	41.4	134.7	25,500	24,200	22,900	21,700	155
160	39.1	128.5	23,500	22,300	21,100	20,000	160
165	36.7	121.9	21,600	20,500	19,400	18,400	165
170	34.1	114.6	19,800	18,800	17,800	16,800	170
175	31.3	106.5	18,100	17,200	16,300	15,400	175
180	28.3	97.4	16,500	15,700	14,900	14,100	180
185	24.9	86.9	15,000	14,300	13,500	12,600	185
190	21.0	74.5	13,500	12,800	11,900	11,100	190
195	16.2	58.7	11,900	11,200	10,500	9,800	195

MLC300 S-1



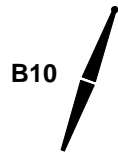
216.5 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
28	84.8	222.5	373,400					28
30	84.3	222.3	366,500					30
32	83.8	222.0	357,400	271,100				32
34	83.2	221.8	339,800	270,400				34
36	82.7	221.5	309,400	260,900	210,100			36
38	82.2	221.2	283,600	241,700	209,200			38
40	81.6	220.9	261,400	224,800	195,900	169,600		40
45	80.3	220.0	217,500	190,400	168,300	149,900		45
50	79.0	219.0	185,000	164,100	146,600	131,800		50
55	77.6	217.9	160,000	143,400	129,200	117,000		55
60	76.2	216.6	140,100	126,600	114,900	104,600		60
65	74.9	215.2	123,900	112,700	102,900	94,200		65
70	73.5	213.7	110,500	101,100	92,700	85,200		70
75	72.1	212.1	99,200	91,100	83,900	77,400		75
80	70.7	210.3	89,500	82,600	76,300	70,500		80
85	69.3	208.4	81,200	75,100	69,600	64,500		85
90	67.8	206.3	73,900	68,500	63,600	59,100		90
95	66.4	204.1	67,500	62,700	58,400	54,300		95
100	64.9	201.8	61,800	57,500	53,600	50,000		100
105	63.4	199.2	56,700	52,900	49,400	46,100		105
110	61.9	196.6	52,100	48,700	45,500	42,500		110
115	60.4	193.7	47,900	44,900	42,000	39,300		115
120	58.9	190.7	44,200	41,400	38,800	36,300		120
125	57.3	187.4	40,700	38,200	35,800	33,500		125
130	55.7	184.0	37,600	35,300	33,100	31,000		130
135	54.1	180.4	34,700	32,600	30,500	28,600		135
140	52.4	176.5	32,000	30,100	28,200	26,400		140
145	50.7	172.4	29,500	27,700	26,000	24,400		145
150	48.9	168.0	27,200	25,600	24,000	22,500		150
155	47.1	163.4	25,100	23,600	22,100	20,700		155
160	45.2	158.4	23,100	21,700	20,300	19,000		160
165	43.3	153.1	21,200	19,900	18,700	17,400		165
170	41.3	147.4	19,400	18,200	17,100	16,000		170
175	39.2	141.3	17,800	16,700	15,600	14,400		175
180	37.0	134.7	16,200	15,200	14,000	12,800		180
185	34.7	127.6	14,700	13,600	12,400	11,300		185
190	32.3	119.7	13,100	12,000	10,900	9,900		190
195	29.6	111.1	11,500	10,500	9,500	8,600		195
200	26.7	101.4	9,900	9,000				200
205	23.5	90.2	8,500					205

MLC300 S-1



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
30	84.8	242.1	308,900				30
32	84.3	241.8	307,700				32
34	83.8	241.6	306,500	222,800			34
36	83.3	241.3	302,800	222,200			36
38	82.8	241.1	282,700	221,500	171,300		38
40	82.3	240.8	260,400	220,900	170,900		40
45	81.1	240.0	216,400	187,000	163,600	136,700	45
50	79.9	239.1	183,700	161,100	142,500	127,000	50
55	78.6	238.0	158,600	140,600	125,500	112,700	55
60	77.4	236.9	138,700	124,000	111,500	100,700	60
65	76.2	235.6	122,400	110,300	99,700	90,500	65
70	74.9	234.3	109,000	98,700	89,700	81,700	70
75	73.6	232.8	97,600	88,900	81,100	74,100	75
80	72.4	231.2	87,900	80,400	73,600	67,500	80
85	71.1	229.4	79,600	73,000	67,000	61,600	85
90	69.8	227.6	72,300	66,400	61,100	56,300	90
95	68.5	225.6	65,800	60,700	55,900	51,600	95
100	67.2	223.5	60,100	55,500	51,300	47,400	100
105	65.8	221.2	55,000	50,900	47,000	43,500	105
110	64.5	218.8	50,400	46,700	43,200	40,000	110
115	63.1	216.2	46,200	42,900	39,700	36,800	115
120	61.7	213.5	42,500	39,400	36,500	33,800	120
125	60.3	210.6	39,000	36,200	33,600	31,100	125
130	58.9	207.6	35,900	33,300	30,900	28,600	130
135	57.5	204.4	33,000	30,600	28,400	26,300	135
140	56.0	201.0	30,300	28,100	26,100	24,100	140
145	54.5	197.4	27,800	25,800	23,900	22,100	145
150	53.0	193.7	25,500	23,700	21,900	20,200	150
155	51.5	189.7	23,400	21,700	20,000	18,500	155
160	49.9	185.4	21,400	19,800	18,300	16,600	160
165	48.2	181.0	19,500	18,000	16,400	14,800	165
170	46.6	176.2	17,700	16,200	14,600	13,000	170
175	44.8	171.2	15,900	14,300	12,800	11,400	175
180	43.1	165.9	14,000	12,600	11,200	9,800	180
185	41.2	160.2	12,300	10,900	9,600	8,400	185
190	39.3	154.1	10,600	9,400			190
195	37.3	147.5	9,100				195

MLC300 S-1



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
32	84.7	261.6	256,400				32
34	84.3	261.4	255,300				34
36	83.8	261.2	254,300	183,800			36
38	83.4	260.9	253,300	183,200			38
40	82.9	260.7	252,300	182,700	140,200		40
45	81.8	259.9	216,200	181,400	139,400	111,100	45
50	80.7	259.1	183,500	159,200	138,600	110,600	50
55	79.5	258.1	158,300	138,900	122,900	109,400	55
60	78.4	257.1	138,200	122,500	109,200	97,800	60
65	77.2	255.9	122,000	108,900	97,700	87,900	65
70	76.1	254.7	108,500	97,400	87,800	79,400	70
75	74.9	253.3	97,100	87,600	79,300	72,000	75
80	73.8	251.8	87,400	79,200	71,900	65,500	80
85	72.6	250.3	79,000	71,800	65,400	59,700	85
90	71.4	248.5	71,600	65,300	59,700	54,500	90
95	70.2	246.7	65,200	59,600	54,500	49,900	95
100	69.0	244.8	59,400	54,500	49,900	45,700	100
105	67.8	242.7	54,300	49,800	45,700	42,000	105
110	66.6	240.5	49,700	45,700	41,900	38,500	110
115	65.3	238.2	45,500	41,900	38,500	35,300	115
120	64.1	235.8	41,800	38,400	35,300	32,400	120
125	62.8	233.2	38,300	35,300	32,400	29,800	125
130	61.6	230.5	35,200	32,400	29,800	27,300	130
135	60.3	227.6	32,200	29,700	27,300	25,000	135
140	59.0	224.6	29,600	27,200	25,000	22,900	140
145	57.6	221.4	27,100	24,900	22,800	20,900	145
150	56.3	218.0	24,800	22,800	20,800	18,900	150
155	54.9	214.5	22,600	20,700	18,900	16,800	155
160	53.5	210.8	20,600	18,800	16,800	14,900	160
165	52.1	206.9	18,700	16,800	14,900	13,100	165
170	50.7	202.8	16,700	14,800	13,100	11,400	170
175	49.2	198.5	14,700	13,000	11,300	9,800	175
180	47.7	193.9	12,900	11,300	9,700		180
185	46.1	189.1	11,100	9,600			185
190	44.5	184.0	9,500				190