

Liftcrane Boom Capacities

777 SERIES 1

Boom No. 78
68,000 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

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 do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with single part whip line is 29,500 Lbs. or 59,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. 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 main boom 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.

Upper Boom Point Deduct
Deduct 1,000 Lbs. from boom capacities when upper boom point is attached.

Auxiliary Drum Deduct
Deduct 1,700 Lbs. from boom capacities when boom butt is equipped with auxiliary drum.

Multi-Part Rope Guard Deduct
Deduct 500 Lbs. from boom capacities when lower boom point is equipped with multi-part rope guard (No. A02744).

Wire Rope Guide Deduct (For Third Line)
Deduct 500 Lbs. from boom capacities when boom top wire rope guide (No. 192312) for third line is attached.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface and machine list not to exceed degrees noted. Refer to boom rigging **No. 178288** and Wire Rope Specification chart **No. 7940-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 operators 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 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 24 Ft. 9 in. crawlers, 38 in. or 48 in. treads, two 12 in. boom hoist cylinders, 26 Ft. mast, four 1-1/4 in. boom pendants and 68,000 Lb. counterweight.

Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Crawlers
	Boom Length	Boom Length
0 Degree	170 Ft.	150 Ft.
1 Degree	170 Ft.	150 Ft.
2 Degree	170 Ft.	150 Ft.
3 Degree	170 Ft.	150 Ft.
Load block, hook and weight ball on barge deck at start. Jib cannot be attached on crawler machine while operating on a barge.		

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60 Ft. Boom							
13	82.4	66.8	310,500 *				13
14	81.4	66.7	289,600 *	265,700 *			14
15	80.5	66.5	271,200 *	250,000 *	231,600 *		15
16	79.5	66.3	254,900 *	236,000 *	213,200	187,600 *	16
17	78.5	66.1	240,400 *	218,300	192,300	171,300	17
18	77.5	65.8	223,400	196,500	175,000	157,300	18
19	76.5	65.6	200,700	178,600	160,400	145,200	19
20	75.6	65.3	182,100	163,400	147,900	134,800	20
22	73.6	64.7	153,200	139,500	127,800	117,700	22
24	71.5	64.0	131,800	121,400	112,300	104,200	24
26	69.5	63.2	115,400	107,100	99,800	93,300	26
28	67.4	62.4	102,300	95,700	89,700	84,300	28
30	65.3	61.4	91,700	86,300	81,300	76,800	30
32	63.2	60.4	83,000	78,400	74,200	70,400	32
34	61.0	59.3	75,600	71,700	68,100	64,800	34
36	58.7	58.0	69,200	65,900	62,900	60,000	36
38	56.4	56.7	63,800	60,900	58,300	55,800	38
40	54.1	55.2	59,000	56,500	54,200	52,000	40
45	47.8	50.9	49,400	47,600	45,900	44,200	45
50	40.7	45.5	42,000	40,700	39,400	38,200	50
55	32.4	38.4	36,100	35,200	34,300	33,400	55
60	21.2	27.8	31,300	30,700	30,000	29,400	60
70 Ft. Boom							
14	82.7	76.8	289,600 *				14
15	81.8	76.6	271,200 *	247,300 *			15
16	81.0	76.5	254,900 *	233,600 *	201,500 *		16
17	80.2	76.3	240,400 *	215,400	186,800		17
18	79.3	76.1	224,800	194,200	170,500	151,400	18
19	78.5	75.8	202,000	176,700	156,600	140,200	19
20	77.7	75.6	183,200	162,000	144,700	130,500	20
22	76.0	75.1	154,100	138,500	125,500	114,400	22
24	74.3	74.5	132,600	120,700	110,400	101,600	24
26	72.6	73.9	116,100	106,700	98,400	91,200	26
28	70.8	73.2	103,000	95,400	88,600	82,600	28
30	69.1	72.4	92,400	86,100	80,400	75,300	30
32	67.3	71.5	83,500	78,200	73,500	69,100	32
34	65.5	70.6	76,100	71,600	67,500	63,800	34
36	63.6	69.6	69,800	65,900	62,300	59,100	36
38	61.8	68.5	64,300	60,900	57,800	55,000	38
40	59.9	67.3	59,500	56,600	53,800	51,300	40
45	54.9	64.0	49,800	47,700	45,600	43,700	45
50	49.7	59.9	42,500	40,800	39,300	37,800	50
55	43.9	55.0	36,700	35,400	34,200	33,100	55
60	37.5	48.9	31,900	31,000	30,100	29,200	60
65	29.9	41.0	28,000	27,300	26,600	25,900	65
70	19.5	29.5	24,600	24,100	23,600	23,100	70

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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
80 Ft. Boom							
15	82.9	86.8	271,000 *				15
16	82.1	86.6	254,700 *				16
17	81.4	86.4	240,200 *	212,300			17
18	80.7	86.3	225,800	191,700	166,000		18
19	80.0	86.1	202,900	174,700	152,800	135,300	19
20	79.2	85.9	184,000	160,300	141,500	126,200	20
22	77.8	85.4	154,800	137,300	123,000	111,000	22
24	76.3	84.9	133,200	119,800	108,500	98,900	24
26	74.8	84.4	116,600	105,900	96,800	89,000	26
28	73.3	83.7	103,400	94,800	87,300	80,700	28
30	71.8	83.1	92,700	85,600	79,300	73,700	30
32	70.3	82.3	83,900	77,900	72,500	67,700	32
34	68.7	81.6	76,400	71,300	66,700	62,500	34
36	67.2	80.7	70,000	65,600	61,600	58,000	36
38	65.6	79.8	64,500	60,700	57,200	54,000	38
40	64.0	78.8	59,700	56,400	53,300	50,400	40
45	59.9	76.0	50,000	47,500	45,200	43,000	45
50	55.6	72.7	42,600	40,700	39,000	37,300	50
55	51.1	68.8	36,800	35,400	33,900	32,600	55
60	46.2	64.2	32,200	31,000	29,900	28,800	60
65	40.9	58.8	28,300	27,300	26,400	25,600	65
70	34.9	52.1	25,000	24,200	23,500	22,800	70
75	27.8	43.5	22,200	21,600	21,000	20,400	75
80	18.2	31.0	19,700	19,200	18,800	18,400	80
90 Ft. Boom							
16	83.0	96.7	254,200 *				16
17	82.4	96.6	239,700 *				17
18	81.7	96.4	225,900	188,500			18
19	81.1	96.2	203,000	172,000			19
20	80.4	96.1	184,100	158,000	137,800		20
22	79.1	95.7	154,800	135,600	120,100	107,500	22
24	77.8	95.2	133,200	118,400	106,200	96,000	24
26	76.5	94.7	116,600	104,900	95,000	86,600	26
28	75.2	94.2	103,500	93,900	85,700	78,700	28
30	73.9	93.6	92,800	84,900	78,000	72,000	30
32	72.5	93.0	83,900	77,200	71,400	66,200	32
34	71.2	92.3	76,400	70,800	65,700	61,200	34
36	69.8	91.5	70,100	65,200	60,800	56,800	36
38	68.5	90.7	64,600	60,300	56,400	52,900	38
40	67.1	89.9	59,800	56,000	52,600	49,500	40
45	63.6	87.4	50,100	47,300	44,700	42,300	45
50	59.9	84.7	42,700	40,600	38,500	36,700	50
55	56.1	81.4	36,900	35,200	33,600	32,100	55
60	52.1	77.7	32,200	30,900	29,600	28,400	60
65	47.9	73.3	28,400	27,300	26,200	25,200	65
70	43.4	68.2	25,200	24,300	23,400	22,500	70
75	38.4	62.3	22,400	21,600	20,900	20,200	75
80	32.8	55.0	20,000	19,400	18,800	18,200	80
85	26.1	45.8	17,900	17,400	16,900	16,400	85
90	17.1	32.5	15,900	15,600	15,200	14,800	90

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100 Ft. Boom							
18	82.6	106.5	221,400 *				18
19	82.0	106.4	203,600	169,800			19
20	81.4	106.2	184,600	156,100			20
22	80.2	105.9	155,300	134,100	117,600		22
24	79.1	105.5	133,600	117,300	104,200	93,400	24
26	77.9	105.0	116,900	104,000	93,300	84,400	26
28	76.7	104.5	103,700	93,200	84,300	76,800	28
30	75.5	104.0	92,900	84,200	76,800	70,300	30
32	74.4	103.4	84,000	76,700	70,300	64,800	32
34	73.2	102.8	76,500	70,300	64,800	59,900	34
36	71.9	102.2	70,100	64,700	59,900	55,600	36
38	70.7	101.4	64,600	59,900	55,700	51,900	38
40	69.5	100.7	59,800	55,600	51,900	48,500	40
45	66.4	98.6	50,000	46,900	44,100	41,500	45
50	63.2	96.1	42,600	40,200	38,000	36,000	50
55	59.9	93.3	36,800	34,900	33,200	31,500	55
60	56.5	90.1	32,200	30,600	29,200	27,800	60
65	53.0	86.4	28,300	27,000	25,800	24,700	65
70	49.2	82.3	25,100	24,000	23,000	22,100	70
75	45.3	77.5	22,300	21,400	20,600	19,800	75
80	41.0	72.0	19,900	19,200	18,500	17,800	80
85	36.3	65.5	17,800	17,200	16,600	16,100	85
90	31.0	57.8	16,000	15,500	15,000	14,500	90
95	24.7	48.0	14,300	13,900	13,500	13,100	95
100	16.1	33.8	12,800	12,400	12,100	11,800	100

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110 Ft. Boom							
19	82.7	116.5	203,900				19
20	82.2	116.3	184,900				20
22	81.1	116.0	155,500	132,600			22
24	80.1	115.7	133,700	116,100	102,200		24
26	79.0	115.3	117,000	103,000	91,700	82,200	26
28	78.0	114.8	103,800	92,400	82,900	75,000	28
30	76.9	114.3	93,000	83,500	75,600	68,700	30
32	75.8	113.8	84,100	76,100	69,300	63,400	32
34	74.7	113.3	76,600	69,700	63,800	58,700	34
36	73.6	112.7	70,200	64,300	59,100	54,600	36
38	72.5	112.0	64,600	59,500	54,900	50,900	38
40	71.4	111.3	59,800	55,300	51,200	47,600	40
45	68.7	109.5	50,000	46,600	43,600	40,800	45
50	65.8	107.3	42,600	40,000	37,600	35,400	50
55	62.9	104.8	36,800	34,700	32,800	31,000	55
60	59.9	102.0	32,200	30,500	28,900	27,400	60
65	56.8	98.8	28,300	26,900	25,600	24,300	65
70	53.6	95.2	25,100	23,900	22,800	21,700	70
75	50.3	91.2	22,300	21,300	20,400	19,500	75
80	46.8	86.6	19,900	19,100	18,300	17,500	80
85	43.0	81.5	17,900	17,100	16,500	15,800	85
90	39.0	75.6	16,000	15,400	14,800	14,300	90
95	34.5	68.7	14,400	13,900	13,400	12,900	95
100	29.5	60.4	12,900	12,500	12,100	11,700	100
105	23.5	50.0	11,600	11,200	10,900	10,500	105
110	15.3	35.2	10,300	10,000	9,800	9,500	110

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120 Ft. Boom							
20	82.9	126.4	185,300				20
22	81.9	126.2	155,800	131,200			22
24	80.9	125.8	134,000	115,000	100,300		24
26	79.9	125.5	117,200	102,100	90,100	80,200	26
28	79.0	125.1	103,900	91,600	81,600	73,300	28
30	78.0	124.6	93,100	82,900	74,400	67,300	30
32	77.0	124.2	84,200	75,600	68,300	62,100	32
34	76.0	123.6	76,700	69,300	63,000	57,500	34
36	75.0	123.1	70,200	63,900	58,300	53,500	36
38	74.0	122.5	64,700	59,100	54,300	50,000	38
40	73.0	121.9	59,900	54,900	50,600	46,800	40
45	70.5	120.2	50,100	46,400	43,100	40,100	45
50	68.0	118.2	42,700	39,800	37,200	34,800	50
55	65.3	116.0	36,800	34,600	32,500	30,500	55
60	62.7	113.4	32,200	30,300	28,600	26,900	60
65	59.9	110.6	28,300	26,700	25,300	24,000	65
70	57.1	107.5	25,100	23,800	22,500	21,400	70
75	54.2	104.0	22,300	21,200	20,200	19,200	75
80	51.2	100.0	19,900	19,000	18,100	17,200	80
85	48.0	95.7	17,900	17,100	16,300	15,500	85
90	44.6	90.8	16,000	15,300	14,700	14,000	90
95	41.1	85.2	14,400	13,800	13,200	12,700	95
100	37.2	78.9	13,000	12,400	11,900	11,500	100
105	33.0	71.6	11,700	11,200	10,800	10,400	105
110	28.2	62.9	10,500	10,100	9,700	9,300	110
115	22.5	52.0	9,300	9,000	8,700	8,400	115

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130 Ft. Boom							
22	82.5	136.3	155,900				22
24	81.6	136.0	134,000	113,800			24
26	80.7	135.6	117,200	101,100	88,400		26
28	79.8	135.2	103,900	90,800	80,200	71,500	28
30	78.9	134.9	93,100	82,200	73,200	65,700	30
32	78.0	134.4	84,200	74,900	67,200	60,700	32
34	77.1	134.0	76,600	68,700	62,000	56,300	34
36	76.2	133.5	70,200	63,300	57,500	52,400	36
38	75.3	132.9	64,600	58,600	53,500	48,900	38
40	74.4	132.4	59,800	54,500	49,900	45,800	40
45	72.1	130.8	50,000	46,000	42,500	39,300	45
50	69.7	129.0	42,600	39,500	36,700	34,100	50
55	67.4	126.9	36,700	34,300	32,000	29,900	55
60	64.9	124.7	32,000	30,000	28,100	26,400	60
65	62.5	122.1	28,200	26,500	24,900	23,500	65
70	59.9	119.3	24,900	23,500	22,200	21,000	70
75	57.3	116.2	22,200	21,000	19,800	18,800	75
80	54.7	112.7	19,800	18,800	17,800	16,900	80
85	51.9	108.9	17,700	16,800	16,000	15,200	85
90	49.0	104.6	15,900	15,100	14,400	13,700	90
95	46.0	99.9	14,300	13,600	13,000	12,400	95
100	42.8	94.7	12,900	12,300	11,700	11,200	100
105	39.4	88.8	11,600	11,000	10,500	10,100	105
110	35.7	82.1	10,400	9,900	9,500	9,100	110
115	31.6	74.4	9,300	8,900	8,500	8,200	115
120	27.0	65.3	8,300	8,000	7,600	7,300	120
125	21.5	53.8	7,400	7,100	6,800	6,500	125

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140 Ft. Boom							
24	82.2	146.1	134,200				24
26	81.4	145.8	117,300	100,100			26
28	80.6	145.4	104,000	89,900	78,800		28
30	79.7	145.1	93,100	81,400	72,000	64,200	30
32	78.9	144.6	84,100	74,200	66,100	59,300	32
34	78.1	144.2	76,500	68,100	61,000	55,000	34
36	77.2	143.8	70,100	62,800	56,600	51,200	36
38	76.4	143.3	64,500	58,100	52,600	47,900	38
40	75.5	142.7	59,600	54,000	49,100	44,800	40
45	73.4	141.3	49,800	45,500	41,800	38,500	45
50	71.3	139.6	42,400	39,000	36,100	33,400	50
55	69.1	137.8	36,500	33,800	31,400	29,200	55
60	66.8	135.7	31,800	29,600	27,600	25,800	60
65	64.6	133.4	27,900	26,100	24,400	22,900	65
70	62.3	130.8	24,700	23,100	21,700	20,400	70
75	59.9	127.9	21,900	20,600	19,400	18,200	75
80	57.5	124.8	19,500	18,400	17,300	16,300	80
85	55.0	121.4	17,400	16,500	15,600	14,700	85
90	52.5	117.7	15,600	14,800	14,000	13,200	90
95	49.8	113.6	14,000	13,300	12,600	11,900	95
100	47.1	109.0	12,600	11,900	11,300	10,700	100
105	44.2	104.0	11,300	10,700	10,100	9,600	105
110	41.1	98.5	10,100	9,600	9,100	8,600	110
115	37.9	92.2	9,000	8,600	8,200	7,700	115
120	34.3	85.2	8,100	7,700	7,300	6,900	120
125	30.4	77.2	7,100	6,800	6,500	6,100	125
130	26.0	67.6	6,300	6,000	5,700	5,400	130
135	20.7	55.6	5,500	5,300	5,000	4,800	135

Liftcrane Boom Capacities

777 SERIES 1

Boom No. 78
68,000 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
150 Ft. Boom							
24	82.8	156.2	134,200				24
26	82.0	155.9	117,300	99,100			26
28	81.2	155.6	103,900	89,000			28
30	80.4	155.2	93,000	80,600	70,700		30
32	79.7	154.9	84,000	73,500	65,000	57,900	32
34	78.9	154.4	76,400	67,400	60,000	53,800	34
36	78.1	154.0	70,000	62,200	55,600	50,100	36
38	77.3	153.6	64,400	57,500	51,800	46,800	38
40	76.5	153.1	59,500	53,500	48,300	43,900	40
45	74.5	151.7	49,600	45,100	41,100	37,600	45
50	72.5	150.2	42,200	38,600	35,500	32,700	50
55	70.5	148.5	36,300	33,500	30,900	28,600	55
60	68.5	146.5	31,600	29,300	27,200	25,200	60
65	66.4	144.4	27,700	25,800	24,000	22,400	65
70	64.3	142.0	24,500	22,800	21,300	19,900	70
75	62.1	139.4	21,700	20,300	19,000	17,800	75
80	59.9	136.6	19,300	18,100	17,000	15,900	80
85	57.7	133.5	17,200	16,200	15,200	14,300	85
90	55.4	130.1	15,400	14,500	13,600	12,800	90
95	53.0	126.4	13,800	13,000	12,200	11,500	95
100	50.6	122.4	12,400	11,700	11,000	10,300	100
105	48.0	118.0	11,100	10,400	9,800	9,300	105
110	45.4	113.2	9,900	9,300	8,800	8,300	110
115	42.6	107.9	8,800	8,300	7,900	7,400	115
120	39.7	102.1	7,900	7,400	7,000	6,600	120
125	36.5	95.6	7,000	6,600	6,200	5,800	125
130	33.1	88.2	6,200	5,800	5,500	5,100	130
135	29.4	79.8	5,400	5,100	4,800	4,500	135
140	25.1	69.8	4,700	4,400	4,100		140
145	20.0	57.4	4,000				145

Liftcrane Boom Capacities

777 SERIES 1

Boom No. 78
68,000 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
160 Ft. Boom							
26	82.5	166.0	117,300				26
28	81.8	165.7	103,900	88,200			28
30	81.0	165.4	93,000	79,900	69,600		30
32	80.3	165.0	84,000	72,900	64,000		32
34	79.6	164.6	76,400	66,900	59,100	52,700	34
36	78.8	164.2	69,900	61,600	54,800	49,100	36
38	78.1	163.8	64,300	57,100	51,000	45,900	38
40	77.4	163.4	59,400	53,000	47,600	43,000	40
45	75.5	162.1	49,500	44,700	40,600	36,900	45
50	73.7	160.7	42,000	38,300	35,000	32,000	50
55	71.8	159.1	36,200	33,200	30,500	28,000	55
60	69.9	157.3	31,500	29,000	26,700	24,700	60
65	68.0	155.3	27,600	25,500	23,600	21,900	65
70	66.0	153.1	24,300	22,600	21,000	19,500	70
75	64.0	150.7	21,500	20,100	18,700	17,400	75
80	62.0	148.1	19,200	17,900	16,700	15,500	80
85	59.9	145.3	17,100	16,000	14,900	13,900	85
90	57.8	142.2	15,300	14,300	13,400	12,500	90
95	55.7	138.8	13,700	12,800	12,000	11,200	95
100	53.5	135.2	12,200	11,400	10,700	10,000	100
105	51.2	131.3	10,900	10,200	9,600	9,000	105
110	48.8	127.0	9,800	9,100	8,600	8,000	110
115	46.4	122.3	8,700	8,100	7,600	7,100	115
120	43.8	117.3	7,700	7,200	6,800	6,300	120
125	41.2	111.7	6,800	6,400	6,000	5,600	125
130	38.3	105.6	6,000	5,600	5,200	4,900	130
135	35.3	98.7	5,300	4,900	4,600	4,200	135
140	32.0	91.1	4,600	4,200			140

Liftcrane Boom Capacities

777 SERIES 1

Boom No. 78
68,000 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
170 Ft. Boom							
26	82.9	176.1	117,200				26
28	82.2	175.8	103,800				28
30	81.6	175.5	92,900	79,100			30
32	80.9	175.2	83,800	72,100	62,900		32
34	80.2	174.8	76,200	66,200	58,100		34
36	79.5	174.4	69,700	61,000	53,900	48,000	36
38	78.8	174.0	64,100	56,500	50,200	44,900	38
40	78.1	173.6	59,200	52,500	46,800	42,000	40
45	76.4	172.4	49,300	44,200	39,900	36,100	45
50	74.7	171.1	41,800	37,900	34,400	31,300	50
55	72.9	169.6	36,000	32,800	29,900	27,400	55
60	71.1	167.9	31,200	28,600	26,300	24,100	60
65	69.3	166.1	27,300	25,100	23,200	21,400	65
70	67.5	164.0	24,100	22,200	20,500	19,000	70
75	65.7	161.8	21,300	19,700	18,300	16,900	75
80	63.8	159.4	18,900	17,500	16,300	15,100	80
85	61.9	156.8	16,800	15,600	14,500	13,500	85
90	59.9	153.9	15,000	14,000	13,000	12,100	90
95	58.0	150.9	13,400	12,500	11,600	10,800	95
100	55.9	147.5	12,000	11,100	10,400	9,600	100
105	53.9	144.0	10,700	9,900	9,200	8,600	105
110	51.7	140.1	9,500	8,800	8,200	7,600	110
115	49.5	135.9	8,400	7,900	7,300	6,700	115
120	47.3	131.4	7,500	6,900	6,400	5,900	120
125	44.9	126.5	6,600	6,100	5,600	5,200	125
130	42.5	121.2	5,800	5,300	4,900	4,500	130
135	39.9	115.3	5,000	4,600	4,300		135
140	37.1	108.9	4,300	4,000			140