

MANITOWOC ENGINEERING CO.

Division of The Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



LIFTCRANE CAPACITIES

BOOM NO. 66-64A OR NO. 66T-64AT
WITH TOP OFFSET 4-1/2 DEGREES
260,000 LB. COUNTERWEIGHT

MEETS
ANSI B30.5
REQUIREMENTS

6000 SERIES 2

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 OR COMBINATION OF TWO SINGLE PART LINES IS 48,000 LBS. IN ALL CASES, UPPER BOOM POINT CAPACITIES CANNOT EXCEED THOSE LISTED FOR THE MAIN BOOM CAPACITY.

WEIGHT OF JIB, ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF THE 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.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM SURFACE WITH GANTRY UP. CAPACITY OVER END BLOCKED COLUMN (LIMITED SWING) REQUIRES FRONT OR REAR TUMBLER TO BE PROPERLY BLOCKED (NO TRAVEL) SO THAT THE CENTERLINE OF THE IDLER OR DRIVE TUMBLER BECOMES THE TIPPING FULCRUM. REFER TO RIGGING NO. 162090 OR NO. 166919, WIRE ROPE SPECIFICATION CHART NO. 7435-A AND OPERATING RANGE DIAGRAM CHART NO. 7436-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS THE 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 IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF BOOM POINT SHAFT.

MACHINE EQUIPPED WITH 39'9" CRAWLERS, 83" TREADS, 54' RETRACTABLE GANTRY, 14 PART BOOM HOIST REEVING, FOUR 1-3/4" BOOM PENDANTS AND 260,000 LB. COUNTERWEIGHT.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED						DEDUCT FROM CAPACITIES WHEN JIB IS ATTACHED	
OVER FRONT OF BLOCKED CRAWLERS		OVER REAR OF BLOCKED CRAWLERS		OVER SIDE OF CRAWLERS			
BM. LGTH.	JIB NO. 127	BM. LGTH.	JIB NO. 127	BM. LGTH.	JIB NO. 127	JIB LGTH.	JIB NO. 127
375'	---	375'	---	350'	---	40'	9,000 LBS.
350'	60'	350'	40'	325'	---	60'	11,300 LBS.
325'	100'	325'	100'	300'	100'	80'	13,250 LBS.
						100'	15,850 LBS.
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.							

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM ELEV. FEET	CAPACITY 360° POUNDS	CAPACITY OVER END BLOCKED POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM ELEV. FEET	CAPACITY 360° POUNDS	CAPACITY OVER END BLOCKED POUNDS
125	28	82.5	134.8	599,200*	599,200*	150	30	83.0	159.8	574,000*	574,000*
	30	81.6	134.4	591,900*	591,900*		32	82.2	159.4	565,900*	565,900*
	32	80.7	134.0	584,900*	584,900*		34	81.5	159.1	558,200*	558,200*
	34	79.7	133.6	578,200*	578,200*		36	80.7	158.7	550,800*	550,800*
	36	78.8	133.1	571,900*	571,900*		38	79.9	158.3	543,900*	543,900*
	38	77.8	132.6	565,900*	565,900*		40	79.1	157.8	528,500*	537,200*
	40	76.9	132.1	530,200*	558,000*		45	77.2	156.6	440,600*	481,600*
	45	74.5	130.6	442,500*	485,300*		50	75.2	155.2	376,800*	424,900*
	50	72.1	128.8	378,800*	428,600*		55	73.2	153.6	328,300*	378,300*
	55	69.6	126.9	330,400*	382,200*		60	71.1	151.8	290,300*	339,400*
	60	67.1	124.6	292,500*	343,500*		65	69.1	149.8	259,700*	307,200*
	65	64.6	122.1	261,900*	311,400*		70	67.0	147.5	234,500*	280,100*
	70	61.9	119.3	236,700*	284,500*		75	64.9	145.1	213,400*	257,100*
	75	59.3	116.2	215,600*	261,600*		80	62.7	142.4	195,400*	237,300*
	80	56.5	112.8	197,700*	241,900*		85	60.5	139.5	180,000*	220,000*
110	85	53.6	109.0	182,300*	224,800*	140	90	58.2	136.3	166,600*	204,900*
	90	50.6	104.7	168,900*	208,300*		95	55.9	132.8	154,800*	191,300*
	95	47.4	100.0	157,100*	193,500*		100	53.5	129.0	144,400*	178,200*
	100	44.1	94.7	146,700*	180,400*		105	51.0	124.8	135,100*	166,700*
	105	40.6	88.7	137,500*	168,900*		110	48.5	120.3	126,800*	156,400*
	110	36.7	81.9	129,200*	158,600*		115	45.8	115.3	119,300*	147,100*
	115	32.4	73.9	121,700*	148,800*		120	42.9	109.8	112,500*	138,700*
	120	27.4	64.3	114,900*	135,000*		125	39.9	103.7	106,300*	131,100*
	125	21.3	51.9	108,700*	121,100*		130	36.7	96.9	100,700*	124,200*
							135	33.2	89.2	95,500*	117,900*
						150	140	29.3	80.3	90,700*	112,000*
							145	24.8	69.6	86,300*	103,100*
							150	19.2	55.8	82,200*	92,900*

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260,000 LB. COUNTERWEIGHT

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ANSI B30.5
REQUIREMENTS

6000 SERIES 2

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 360° POUNDS	CAPACITY OVER END BLOCKED POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 360° POUNDS	CAPACITY OVER END BLOCKED POUNDS
175	34	82.7	184.4	529,500*	529,500*	225	40	82.8	234.1	461,400*	461,400*
	36	82.0	184.1	522,000*	522,000*		45	81.5	233.3	434,600	445,200*
	38	81.4	183.8	514,800*	514,800*		50	80.2	232.4	370,400	412,900*
	40	80.7	183.4	508,000*	508,000*		55	78.9	231.3	321,700	367,500*
	45	79.0	182.3	438,000	476,300*		60	77.6	230.1	283,500	328,900*
	50	77.4	181.1	374,000	419,700*		65	76.3	228.9	252,700	296,300*
	55	75.7	179.8	325,500	373,100*		70	75.0	227.5	227,400	269,000*
	60	73.9	178.2	287,400	334,000*		75	73.6	225.9	206,100	245,700*
	65	72.2	176.6	256,700	301,800*		80	72.3	224.3	188,100	225,600*
	70	70.5	174.7	231,400	274,700*		85	70.9	222.5	172,600	208,100*
	75	68.7	172.7	210,200	251,600*		90	69.6	220.5	159,100	192,800*
	80	66.9	170.4	192,200	231,700*		95	68.2	218.5	147,300	179,200*
	85	65.1	168.0	176,800	214,300*		100	66.8	216.3	136,800	167,100*
	90	63.3	165.4	163,300	199,100*		105	65.4	213.9	127,500	156,200*
	95	61.4	162.6	151,500	185,700*		110	64.0	211.4	119,100	146,400*
	100	59.5	159.6	141,100	173,700*		115	62.5	208.7	111,600	137,500*
	105	57.5	156.3	131,800	162,900*		120	61.1	205.9	104,800	129,400*
	110	55.5	152.8	123,500	153,200*		125	59.6	202.9	98,600	122,100*
	115	53.5	149.0	116,000	143,900*		130	58.1	199.7	92,900	115,300*
	120	51.3	144.9	109,200	135,500*		135	56.5	196.3	87,700	109,000*
200	125	49.2	140.5	103,000	127,900*		140	55.0	192.8	82,900	103,300*
	130	46.9	135.7	97,300	120,900*		145	53.4	189.0	78,400	98,000*
	135	44.5	130.5	92,100	114,600*		150	51.8	184.9	74,300	93,000*
	140	42.1	124.9	87,300	108,700*		155	50.1	180.7	70,500	88,400*
	145	39.5	118.7	82,900	103,300*		160	48.4	176.2	66,900	84,100*
	150	36.7	111.9	78,800	98,400*		165	46.6	171.4	63,600	80,100*
	155	33.8	104.4	75,000	93,700*		170	44.8	166.2	60,500	76,300*
	160	30.5	95.9	71,400	89,400*		175	42.9	160.8	57,600	72,800*
	165	26.9	86.1	68,100	85,400*		180	40.9	155.0	54,800	69,500*
	170	22.8	74.4	65,000	77,900*		185	38.9	148.7	52,200	66,400*
	175	17.6	59.4	62,000	70,100*		190	36.8	141.9	49,800	63,500*
	36	83.0	209.4	496,900*	496,900*		195	34.5	134.6	47,500	60,700*
	38	82.5	209.1	489,600*	489,600*		200	32.1	126.6	45,300	58,200*
	40	81.9	208.8	482,700*	482,700*		205	29.5	117.7	43,200	55,700*
	45	80.4	207.9	436,200	466,600*		210	26.7	107.8	41,300	53,500*
	50	79.0	206.8	372,100	416,100*		215	23.5	96.5	39,400	49,600*
	55	77.5	205.6	323,500	370,400*		220	19.9	83.0	37,600	44,800*
	60	76.0	204.3	285,300	331,200*		225	15.3	65.8	35,900	39,700*
	65	74.5	202.9	254,600	298,700*						
	70	73.0	201.3	229,300	271,500*						
	75	71.5	199.5	208,100	248,300*						
	80	70.0	197.6	190,000	228,300*						
	85	68.4	195.6	174,600	210,900*						
	90	66.9	193.4	161,100	195,600*						
	95	65.3	191.0	149,300	182,100*						
	100	63.7	188.4	138,800	170,100*						
	105	62.0	185.7	129,500	159,200*						
	110	60.4	182.8	121,200	149,500*						
	115	58.7	179.6	113,600	140,700*						
	120	57.0	176.3	106,800	132,600*						
	125	55.2	172.8	100,600	125,300*						
	130	53.4	169.0	94,900	118,500*						
	135	51.6	164.9	89,700	112,300*						
	140	49.7	160.6	84,900	106,500*						
	145	47.7	156.0	80,500	101,100*						
	150	45.7	151.0	76,400	96,100*						
	155	43.6	145.7	72,600	91,500*						
	160	41.4	139.9	69,000	87,200*						
	165	39.2	133.7	65,700	83,100*						
	170	36.8	126.9	62,600	79,400*						
	175	34.2	119.5	59,700	75,900*						
	180	31.4	111.3	56,900	72,600*						
	185	28.4	102.0	54,300	69,500*						
	190	25.1	91.4	51,900	65,300*						
	195	21.2	78.8	49,600	59,500*						
	200	16.4	62.7	47,400	53,200*						

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REQUIREMENTS

6000 SERIES 2

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 360° POUNDS	CAPACITY OVER END BLOCKED POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 360° POUNDS	CAPACITY OVER END BLOCKED POUNDS
250	45	82.4	258.6	426,900*	426,900*	275	190	49.3	216.5	47,000	58,700*
	50	81.2	257.8	368,900	409,900*		195	47.9	211.9	44,600	55,900*
	55	80.0	256.8	320,100	364,500*		200	46.4	207.1	42,500	53,200*
	60	78.9	255.8	281,900	327,000*		205	44.9	202.0	40,400	50,600*
	65	77.7	254.7	251,000	294,300*		210	43.4	196.6	38,400	48,200*
	70	76.5	253.4	225,600	266,800*		215	41.8	191.0	36,500	45,900*
	75	75.3	252.0	204,400	243,400*		220	40.2	185.0	34,800	43,800*
	80	74.1	250.5	186,300	223,200*		225	38.5	178.7	33,100	41,700*
	85	72.9	249.0	170,800	205,700*		230	36.8	171.9	31,400	39,800*
	90	71.7	247.2	157,300	190,200*		235	35.0	164.7	29,900	37,900*
	95	70.5	245.4	145,400	176,600*		240	33.0	157.0	28,400	36,100*
	100	69.3	243.5	134,900	164,400*		245	31.0	148.7	27,000	34,400*
	105	68.0	241.4	125,600	153,500*		250	28.9	139.6	25,700	32,800*
	110	66.8	239.2	117,200	143,700*		255	26.5	129.6	24,400	31,300*
	115	65.5	236.8	109,700	134,800*		260	24.0	118.4	23,100	29,900*
	120	64.2	234.4	102,800	126,600*		265	21.1	105.7	21,900	26,900*
	125	62.9	231.7	96,600	119,200*		270	17.8	90.7	20,800	23,600*
	130	61.6	229.0	90,900	112,400*	300	50	82.7	308.4	344,000*	344,000*
	135	60.3	226.1	85,700	106,100*		55	81.7	307.6	317,900	337,000*
	140	59.0	223.0	80,900	100,400*		60	80.7	306.8	279,500	322,800*
	145	57.6	219.8	76,500	95,000*		65	79.8	305.8	248,600	291,100*
	150	56.2	216.3	72,300	90,000*		70	78.8	304.8	223,100	263,500*
	155	54.8	212.7	68,500	85,400*		75	77.8	303.7	201,800	239,900*
	160	53.4	209.0	65,000	81,000*		80	76.8	302.4	183,700	219,600*
	165	51.9	205.0	61,600	77,000*		85	75.8	301.1	168,100	201,900*
	170	50.4	200.8	58,500	73,200*		90	74.9	299.7	154,600	186,400*
	175	48.9	196.3	55,600	69,600*		95	73.9	298.2	142,700	172,700*
	180	47.3	191.6	52,800	66,300*		100	72.9	296.6	132,200	160,500*
	185	45.7	186.7	50,200	63,100*		105	71.9	295.0	122,800	149,500*
	190	44.0	181.5	47,800	60,200*		110	70.8	293.2	114,400	139,600*
	195	42.3	175.9	45,500	57,400*		115	69.8	291.3	106,900	130,600*
	200	40.5	170.0	43,300	54,700*		120	68.8	289.3	100,000	122,500*
	205	38.7	163.7	41,200	52,200*		125	67.8	287.2	93,800	115,000*
	210	36.8	156.9	39,300	49,800*		130	66.7	285.0	88,100	108,200*
	215	34.8	149.7	37,400	47,600*		135	65.7	282.7	82,800	101,800*
	220	32.6	141.8	35,600	45,500*		140	64.6	280.3	78,000	96,000*
	225	30.4	133.2	33,900	43,500*		145	63.5	277.7	73,600	90,600*
	230	27.9	123.8	32,300	41,600*		150	62.4	275.1	69,400	85,600*
	235	25.2	113.3	30,800	39,800*		155	61.4	272.3	65,600	80,900*
	240	22.2	101.2	29,300	36,700*		160	60.3	269.4	62,000	76,600*
	245	18.8	86.9	27,900	32,700*		165	59.1	266.3	58,700	72,500*
275	50	82.0	283.1	357,700*	357,700*		170	58.0	263.1	55,600	68,700*
	55	80.9	282.3	319,600	341,900*		175	56.9	259.8	52,600	65,100*
	60	79.9	281.3	281,300	325,900*		180	55.7	256.4	49,900	61,700*
	65	78.8	280.3	250,400	293,900*		185	54.5	252.7	47,300	58,500*
	70	77.8	279.2	225,000	266,300*		190	53.3	249.0	44,800	55,500*
	75	76.7	277.9	203,700	242,800*		195	52.1	245.0	42,500	52,600*
	80	75.6	276.6	185,600	222,500*		200	50.9	240.9	40,300	49,900*
	85	74.5	275.1	170,100	204,900*		205	49.6	236.6	38,200	47,400*
	90	73.4	273.6	156,600	189,400*		210	48.3	232.1	36,300	44,900*
	95	72.3	272.0	144,700	175,700*		215	47.0	227.3	34,400	42,600*
	100	71.2	270.2	134,200	163,400*		220	45.7	222.4	32,600	40,500*
	105	70.1	268.3	124,800	152,500*		225	44.3	217.2	30,900	38,400*
	110	69.0	266.4	116,500	142,600*		230	42.9	211.8	29,300	36,400*
	115	67.9	264.3	108,900	133,700*		235	41.4	206.1	27,700	34,500*
	120	66.7	262.1	102,100	125,500*		240	39.9	200.0	26,300	32,700*
	125	65.6	259.8	95,800	118,100*		245	38.4	193.7	24,800	30,900*
	130	64.4	257.3	90,100	111,200*		250	36.8	186.9	23,500	29,300*
	135	63.3	254.7	84,900	104,900*		255	35.1	179.8	22,200	27,700*
	140	62.1	252.0	80,100	99,100*		260	33.4	172.1	20,900	26,200*
	145	60.9	249.2	75,700	93,700*		265	31.6	164.0	19,700	24,800*
	150	59.7	246.2	71,500	88,700*		270	29.6	155.2	18,600	23,400*
	155	58.4	243.1	67,700	84,100*		275	27.6	145.6	17,500	22,100*
	160	57.2	239.8	64,100	79,700*		280	25.3	135.1	16,400	20,900*
	165	55.9	236.3	60,800	75,600*		285	22.9	123.4	15,400	19,700*
	170	54.6	232.7	57,700	71,800*		290	20.2	110.0		17,200*
	175	53.3	229.0	54,700	68,200*						
	180	52.0	225.0	52,000	64,900*						
	185	50.7	220.8	49,400	61,700*						

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BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 360° POUNDS	CAPACITY OVER END BLOCKED POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY 360° POUNDS	CAPACITY OVER END BLOCKED POUNDS
350	55	82.4	332.9	311,500*	311,500*	350	170	63.0	321.1	51,100	62,500*
	60	81.5	332.1	277,500	306,500*		175	62.1	318.4	48,200	58,900*
	65	80.6	331.3	246,600	288,400*		180	61.2	315.6	45,400	55,400*
	70	79.7	330.3	221,100	261,300*		185	60.2	312.7	42,800	52,200*
	75	78.8	329.3	199,700	237,600*		190	59.3	309.6	40,400	49,200*
	80	77.9	328.2	181,600	217,100*		195	58.3	306.5	38,000	46,300*
	85	77.0	327.0	166,000	199,400*		200	57.3	303.2	35,800	43,600*
	90	76.1	325.7	152,400	183,800*		205	56.3	299.9	33,800	41,000*
	95	75.1	324.3	140,500	170,000*		210	55.3	296.4	31,800	38,500*
	100	74.2	322.8	130,000	157,700*		215	54.3	292.7	29,900	36,200*
	105	73.3	321.3	120,600	146,700*		220	53.3	289.0	28,100	34,000*
	110	72.4	319.7	112,200	136,700*		225	52.3	285.0	26,400	31,900*
	115	71.4	317.9	104,700	127,700*		230	51.2	281.0	24,800	29,800*
	120	70.5	316.1	97,800	119,500*		235	50.1	276.7	23,200	27,900*
	125	69.6	314.2	91,500	112,000*		240	49.0	272.3	21,800	26,100*
	130	68.6	312.2	85,800	105,100*		245	47.9	267.8	20,300	24,300*
	135	67.7	310.1	80,600	98,800*		250	46.8	263.0	19,000	22,600*
	140	66.7	307.9	75,800	92,900*		255	45.7	258.1	17,700	21,000*
	145	65.7	305.6	71,300	87,500*		260	44.5	253.0	16,400	19,500*
	150	64.7	303.2	67,200	82,500*		265	43.3	247.6	15,200	18,000*
	155	63.8	300.7	63,300	77,800*		270	42.1	242.0		16,500*
	160	62.8	298.1	59,700	73,400*		275	40.8	236.2		15,200*
	165	61.8	295.3	56,400	69,300*	375	60	82.6	382.7	232,500*	232,500*
	170	60.7	292.5	53,300	65,500*		65	81.8	382.0	231,900*	231,900*
	175	59.7	289.5	50,300	61,800*		70	81.1	381.2	217,100	231,200*
	180	58.7	286.4	47,600	58,400*		75	80.3	380.3	195,700	230,300*
	185	57.6	283.2	45,000	55,200*		80	79.5	379.3	177,500	213,000*
	190	56.6	279.8	42,500	52,200*		85	78.7	378.3	161,800	194,900*
	195	55.5	276.4	40,200	49,300*		90	77.9	377.2	148,200	179,100*
	200	54.4	272.7	38,000	46,600*		95	77.2	376.0	136,300	165,100*
	205	53.3	269.0	35,900	44,100*		100	76.4	374.7	125,800	152,700*
	210	52.2	265.0	34,000	41,600*		105	75.6	373.4	116,400	141,500*
	215	51.0	260.9	32,100	39,300*		110	74.8	372.0	107,900	131,400*
	220	49.9	256.7	30,300	37,100*		115	74.0	370.5	100,300	122,300*
	225	48.7	252.2	28,600	35,000*		120	73.2	369.0	93,500	114,000*
	230	47.5	247.6	27,000	33,000*		125	72.4	367.4	87,200	106,400*
	235	46.3	242.8	25,400	31,100*		130	71.6	365.7	81,500	99,500*
	240	45.0	237.7	23,900	29,200*		135	70.8	363.9	76,200	93,100*
	245	43.8	232.4	22,500	27,500*		140	70.0	362.0	71,400	87,100*
	250	42.4	226.9	21,200	25,800*		145	69.1	360.1	66,900	81,700*
	255	41.1	221.1	19,900	24,200*		150	68.3	358.0	62,700	76,600*
	260	39.7	215.0	18,600	22,700*		155	67.5	355.9	58,900	71,800*
	265	38.3	208.7	17,400	21,200*		160	66.7	353.7	55,300	67,400*
	270	36.8	201.9	16,300	19,800*		165	65.8	351.4	52,000	63,300*
	275	35.3	194.8	15,200	18,500*		170	65.0	349.1	48,800	59,400*
	280	33.7	187.3		17,200*		175	64.1	346.6	45,900	55,700*
	285	32.0	179.2		15,900*		180	63.3	344.0	43,100	52,300*
350	60	82.1	357.5	275,700	275,800*	350	185	62.4	341.4	40,500	49,100*
	65	81.2	356.6	244,700	275,100*		190	61.5	338.6	38,000	46,000*
	70	80.4	355.8	219,200	259,000*		195	60.6	335.8	35,700	43,100*
	75	79.6	354.8	197,800	235,600*		200	59.8	332.8	33,500	40,400*
	80	78.7	353.8	179,600	215,000*		205	58.9	329.8	31,400	37,800*
	85	77.9	352.7	164,000	197,100*		210	58.0	326.6	29,500	35,300*
	90	77.1	351.5	150,400	181,500*		215	57.0	323.3	27,600	33,000*
	95	76.2	350.2	138,500	167,600*		220	56.1	319.9	25,800	30,700*
	100	75.4	348.9	128,000	155,200*		225	55.2	316.4	24,100	28,600*
	105	74.5	347.4	118,600	144,100*		230	54.2	312.7	22,500	26,600*
	110	73.7	345.9	110,200	134,100*		235	53.3	309.0	20,900	24,600*
	115	72.8	344.3	102,600	125,100*		240	52.3	305.0	19,400	22,800*
	120	72.0	342.7	95,700	116,800*		245	51.3	301.0	18,000	21,000*
	125	71.1	340.9	89,400	109,300*		250	50.3	296.8	16,600	19,300*
	130	70.2	339.1	83,700	102,400*		255	49.3	292.5	15,300	17,700*
	135	69.3	337.1	78,500	96,000*		260	48.3	288.0		16,100*
	140	68.5	335.1	73,600	90,100*						
	145	67.6	333.0	69,200	84,700*						
	150	66.7	330.8	65,000	79,600*						
	155	65.8	328.5	61,200	74,900*						
	160	64.9	326.1	57,600	70,500*						
	165	63.9	323.6	54,300	66,400*						