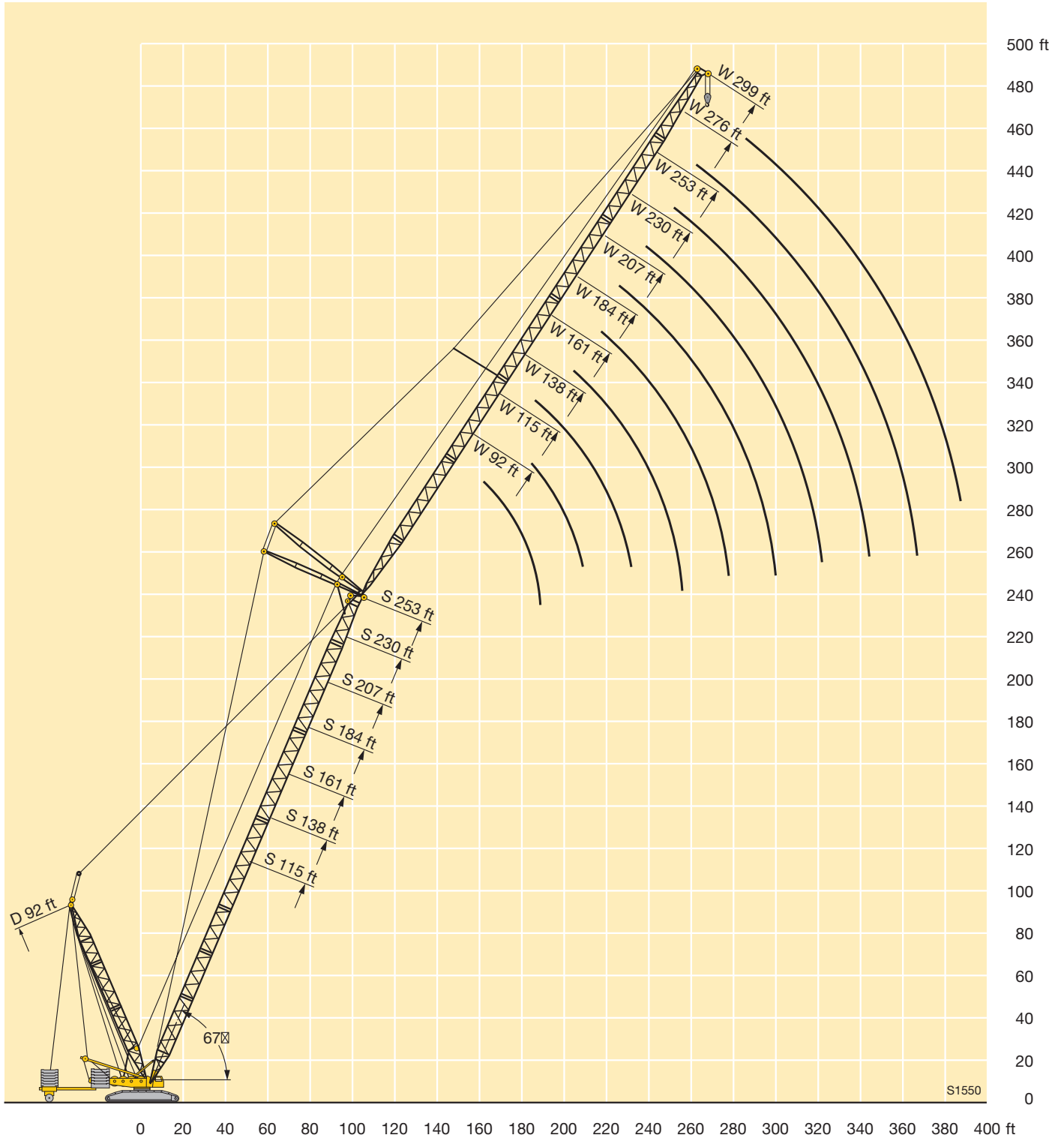




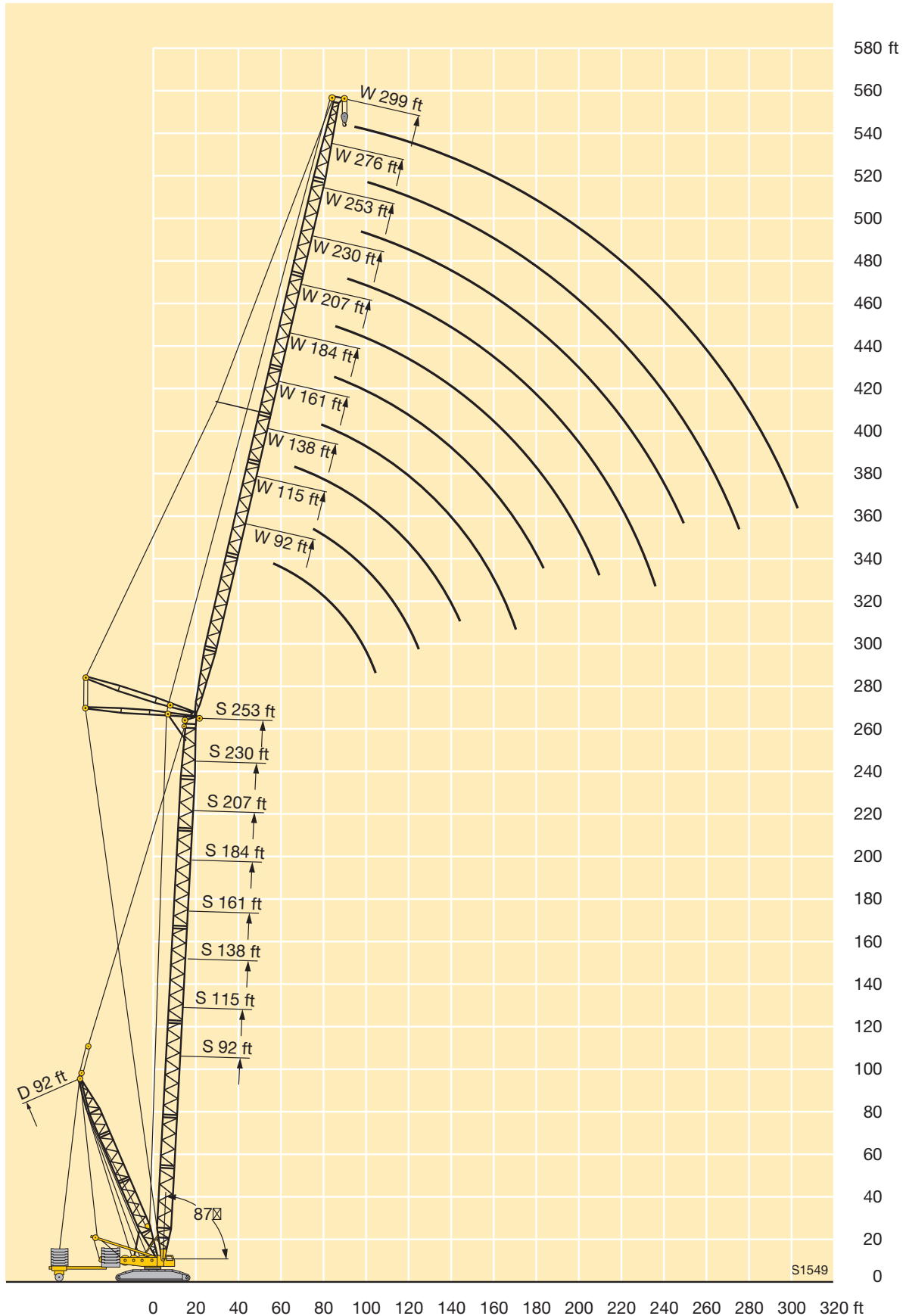
LIFTING CHARTS - Crawler Cranes

LIEBHERR MODEL LR 1400/2 - 440 TON CAPACITY

Lifting heights on SDWB/BW boom/derrick/jib combination



Lifting heights on SDWB/BW boom/derrick/jib combination



STERLING CRANE

Lifting capacities on SDWB/BW boom/jib combination

	115 ft										138 ft										
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	
50	381										340										50
55	362	312	262								329	280									55
60	346	302	257	214							317	272	234	197							60
65	330	292	253	211							305	266	229	194							65
70	316	283	247	208	169						293	260	225	191	156						70
75	301	274	242	205	167	137					282	253	221	188	154	128					75
80	285	264	236	202	164	135	118				273	245	217	186	152	126	111				80
85	266	255	229	200	162	132	117				265	237	212	183	150	124	109				85
90	248	243	222	197	160	130	116	97	80		257	229	206	180	148	122	108	86.5			90
95	231	227	216	193	158	127	114	96	79.5	64	245	222	201	177	146	120	107	86	73	57.4	95
100		212	208	188	156	125	113	95.5	79	63.5		215	195	174	144	118	106	85	72.5	56.8	100
105		199	198	183	153	123	112	94.5	78.5	62.5		210	190	170	141	117	105	84	72	56.2	105
110		188	187	179	149	121	111	94	78	62		201	185	166	138	115	104	83.5	71	55.7	110
115		178	177	173	146	119	109	93.5	77.5	61.5		189	182	162	135	113	103	82.5	70.5	55.1	115
120		167	169	166	142	116	108	92.5	77	60.5		174	177	159	133	110	102	82	70	54.5	120
125			161	157	139	113	106	92	77	60			172	155	130	108	100	81	69.5	53.8	125
130			153	150	136	110	105	91	76.5	59.4			164	152	128	105	99	80.5	69	53.2	130
135			146	144	133	107	103	90.5	76	58.8			155	148	125	102	98	79.5	68.5	52.5	135
140			138	138	130	104	102	89.5	76	58.1			146	145	122	100	96.5	78.5	68	51.8	140
150				126	122	98.5	99.5	88.5	75	56.8				135	118	95.5	94.5	77	67	50.4	150
160					113	93.5	97	87	74.5	55.5					114	91	92	76	65.5	49	160
170					105	89	94.5	85.5	73	54.2					111	87	90	74.5	64.5	47.8	170
180					97	85	91	84.5	72	53.1					102	83	88	71	64	46.6	180
190						81.5	86	81.5	71	52						80	84.5	67.5	61.5	45.4	190
200						78	80.5	77	70	51						76.5	80.5	63.5	58.7	44.3	200
210							75	72	68.5	50							77.5	59.9	55.4	43.2	210
220							69.5	67.5	65.5	49							73.5	56.5	52.3	42.2	220
230								63	61.5	48.2								53.2	49.3	41.2	230
240								58.5	57.5	47.3								50	46.4	40	240
250									53.7	46.4									43.6	38.5	250
260									50.1	45.6									41	36.1	260
270									46.6	43.2									38.2	34	270
280										40.4										32	280

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STERLING CRANE

Lifting capacities on SDWB/BW boom/jib combination

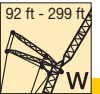
		 S		 D		 W										573000 lbs 49 ft											
	161 ft										184 ft																
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft							
50	295										262											50					
55	286	247									254	219										55					
60	278	241	209								246	214	186									60					
65	269	235	204								238	209	182									65					
70	260	230	200	173	146						230	204	178	155								70					
75	251	224	196	171	144	119					222	199	174	152	132							75					
80	243	218	192	168	142	117	101				215	194	170	149	130	107	92					80					
85	235	211	188	166	141	116	100				209	188	166	146	128	105	90.5					85					
90	229	205	183	163	139	114	99	81.5			204	183	162	144	126	103	89	75.5				90					
95	224	199	178	160	137	113	98	80.5	68		202	177	158	141	125	101	88	74.5	62.5			95					
100	215	194	174	156	135	111	97	80	67.5	50.1	200	173	154	139	123	100	87	74	62	46.2		100					
105		190	169	152	133	110	96	79	67	49.5		170	150	136	121	98.5	85.5	73	61.5	45.6		105					
110		187	166	149	131	108	95	78.5	66.5	48.9		168	146	133	119	97	84.5	72.5	61	45		110					
115		183	162	145	128	106	93.5	77.5	66	48.3		166	143	130	116	95.5	83.5	72	60.5	44.5		115					
120		175	159	142	126	104	92.5	77	65.5	47.7		164	141	128	114	93.5	83	71	60	44		120					
125			156	139	123	102	91	76.5	64.5	47.2			139	125	112	91.5	82	70.5	59.5	43.5		125					
130			153	136	121	99.5	90	75.5	64.5	46.7			137	122	110	89.5	80.5	70	59	43		130					
135			149	133	119	97.5	88.5	74.5	63.5	46.1			135	121	108	87.5	79.5	69	58.5	42.5		135					
140			143	129	117	95.5	87	74	63	45.4			132	119	106	86	78	68.5	58.1	41.9		140					
150				125	113	91	84	72.5	62	43.9				116	102	82.5	75	66.5	57	40.8		150					
160				118	109	87.5	80.5	70.5	61	42.4				111	98.5	79	72	64.5	55.8	39.5		160					
170				101	104	84	76	68.5	59.9	41.1				103	94	76	69	62.5	54	38.2		170					
180					99.5	81	72	65	58.7	39.8					90	72.5	65	60	52.3	37		180					
190						77.5	68.5	61.5	56.4	38.5						68.5	61	57.3	50.6	35.9		190					
200						75	65	58.1	53.5	37.6						65	58.1	54	48.5	34.9		200					
210							61.5	54.8	50.5	37.1							55.4	50.9	45.6	34.1		210					
220							58.5	51.7	47.7	36.7							52.6	48.1	43	33		220					
230								48.7	44.9	35.4							49.9	45.3	40.5	31.1		230					
240								45.7	42.3	33.8								42.5	38.2	29.2		240					
250									39.8	32.2									35.9	27.7		250					
260									37.4	30.7									33.6	26.6		260					
270									34.7	29.3									31.3	25.5		270					
280										27.9										24.4		280					
290										26.4										23.2		290					
300										24.8										22		300					

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STERLING CRANE

Lifting capacities on SDWB/BW boom/jib combination

																			
	253 ft										276 ft								
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	
55	173																		55
60	168	148									130								60
65	163	144									127								65
70	159	141	125								124	108							70
75	154	138	123	107	93						121	106	93.5						75
80	151	135	120	105	91	77					118	104	91.5	80.5					80
85	148	131	117	103	89.5	75.5					114	101	89.5	79					85
90	145	127	114	101	88	74	64.5				111	98.5	87.5	77.5	67	57.8			90
95	142	123	111	99	86.5	73	63.5	54.1			108	96	85.5	76	66	56.7	49		95
100	139	120	108	96.5	85	71.5	63	53.1	44.8		105	94	83.5	74.5	65	55.7	48.2	39.9	100
105		118	106	94.5	83	70.5	62	52.2	44	33.6	103	91.5	82	73	64	54.7	47.4	39.1	105
110		116	103	92	81.5	69.5	61	51.4	43.2	33.1	101	89.5	80.5	72	63	53.8	46.7	38.4	110
115		114	101	90	79.5	68.5	60	50.6	42.5	32.6	99.5	88	78.5	70	61.5	52.9	46	37.7	115
120		113	98.5	88	77.5	67	59.1	49.8	41.9	32.1	98.5	86	77	68.5	60	52	45.4	36.8	120
125			97	86.5	76	65.5	57.6	49	41.2	31.5	97	84.5	75.5	67	58.7	51.2	44.7	35.5	125
130			95.5	85	74	64	56.3	48.3	40.6	30.3	95.5	83.5	74	65.5	57.4	50.4	44.1	34.2	130
135			94	83.5	72.5	62.5	55	47.4	40	29.2		82	73	64	56.2	49.4	43.4	33	135
140			92.5	82.5	71	61	53.8	46.5	39.4	28.2		80.5	71.5	62.5	55	48.5	42.6	31.8	140
150				80	68.5	58.5	51.5	44.6	38.1	26.3			69	60	52.8	46.4	40.9	29.8	150
160				78	67	56.1	49.2	42.6	36.7	24.7			67	58.1	50.9	44.2	39.2	28.3	160
170				75.5	65.5	54	47.1	40.8	35.1	23.4			65.5	56.6	49.2	42.3	37.6	27.2	170
180					64	52.3	45.4	39.1	33.6	22.3				55.2	47.6	40.4	35.4	26.3	180
190					63	50.3	43.8	37.5	32.1	21.4				54	46.1	38.9	33.4	25.4	190
200						48.1	42.4	36	30.6	20.6					44.7	37.6	31.9	24.6	200
210							40.8	34.7	29.3	19.9						36.6	30.8	23.8	210
220							38.5	33.7	28.2	19.5						35.6	30.5	23.3	220
230							36.4	32.1	27.2	19.3						34.7	29.9	22.9	230
240								30.3	26	19.1							29.2	22.5	240
250								28.6	24.3	18.9							28.4	22.1	250
260								27.1	22.7	18.8							26.8	21.8	260
270									21.1	17.9								20.8	270
280										16.8								19.5	280
290										15.8									290
300										14.8									300

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STERLING CRANE

Lifting capacities on SDWB/BW boom/jib combination

		115 ft										138 ft											
		92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft		
110	224																					110	
115	218																					115	
120	211											206										120	
125	205	200										199										125	
130	199	194										193	186									130	
135	194	188										188	182									135	
140	190	183	173									182	177	166								140	
150		173	167										167	161								150	
160			157	150									158	152	147							160	
170			147	142	132								152	145	140	126						170	
180			138	134	127									138	133	125						180	
190				125	121	97								133	127	95						190	
200				115	113	94	93								122	117	93.5	87				200	
210					104	91	93	74								112	92	87	67.5			210	
220					97	86.5	90.5	74	59.7							107	88.5	87	67.5	54.8		220	
230					90.5	83	85.5	74	60							101	85	87	67.5	54.9		230	
240							79.5	79.5	73	60	43.3						81.5	86	67.5	54.9	39.6	240	
250							74	71	60	43.3							79	84	67.5	54.9	39.6	250	
260								69	66.5	60	43.3						78.5	78	67.5	54.9	39.6	260	
270								65	61.5	59.1	43.3							73.5	67.5	54.9	39.6	270	
280									57.7	56.7	43.3							69	65.5	54.9	39.6	280	
290									54.4	52.7	43.3								61.5	54.9	39.6	290	
300									51.4	49.1	43.3								58.1	54.9	39.6	300	
310										46.2	42									52.7	39.6	310	
320										43.6	40									49.9	39.6	320	
330											37.7										39.6	330	
340											35.5										39.6	340	
350																					38.3	350	

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	161 ft										184 ft										
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	
130	183																				130
135	179																				135
140	174	164									161										140
150	165	159									156										150
160		150	146								148	144									160
170		143	138	134							142	137	132								170
180		138	132	128								130	126								180
190			126	122	116								120	117							190
200				117	112	90.5							116	112	107						200
210				112	108	90	82							107	102	86					210
220				109	104	89	82	63						103	98.5	85.5	77				220
230					100	86	82	63.5						100	95	85	77.5				230
240					97	83	82	63.5	51.4						92	83.5	77.5	59.8			240
250						80	82	63.5	51.4	36.8					89	80.5	77	59.8	47.9		250
260						78.5	79	63.5	51.4	36.8					87.5	78	75	59.8	47.9	34	260
270						77.5	76.5	63.5	51.4	36.8						77	72.5	59.8	47.9	34.1	270
280							74	63.5	51.4	36.8							70.5	59.8	47.9	34.1	280
290								63.5	51.4	36.8							68.5	59.8	47.9	34.1	290
300								63.5	51.4	36.8							67.5	59.8	47.9	34.1	300
310								60.5	51.4	36.8								59.4	47.9	34.1	310
320									51.4	36.8								58.5	47.9	34.1	320
330									50.9	36.8									47.9	34.1	330
340									48.1	36.8									47.9	34.1	340
350										36.8									46.3	34.1	350
360										36.8										34.1	360

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