

Load curves



▽▽▽▽ (ft)		56	66	82	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	220	230	236	246	253	262	ft	
	22 USt		11 USt																								
262	13.1 → 66.9	116.4 - 129.1	22	22	17.2	13.7	12.6	11.2	11	10.8	10.2	9.4	8.9	8.2	7.8	7.3	7	6.5	6.3	5.9	5.6	5.3	5.1	4.8	4.7	4.4	USt
	13.1 → 72.2	125 - 137.8	22	22	19	15.1	13.9	12.3	11.5	11	11	10.3	9.8	9.1	8.6	8	7.7	7.1	6.8	6.4	6.1	5.7	5.5	5.2	5	4.7	USt P+
246	13.1 → 68.9	120.4 - 133.1	22	22	17.9	14.3	13.2	11.7	11	11	10.6	9.7	9.2	8.6	8.2	7.6	7.3	6.8	6.5	6.1	5.9	5.6	5.4	5.1		USt	
	13.1 → 74.8	129.4 - 144.4	22	22	19.7	15.7	14.5	12.9	12	11	11	10.7	10.2	9.4	9	8.4	8	7.5	7.2	6.8	6.5	6.1	5.9	5.6	5.6	USt P+	
230	13.1 → 78.4	137.3 - 151.3	22	22	20.9	16.8	15.5	13.9	12.9	11.7	11	11	10.8	10	9.6	8.9	8.5	8	7.7	7.3	7	6.6				USt	
	13.1 → 84.6	146.9 - 160.8	22	22	22	18.4	17	15.2	14.2	12.9	12.1	11	11	10.7	10.2	9.5	9	8.4	8.1	7.5	7.2	6.8				USt P+	
213	13.1 → 85.6	150.7 - 166	22	22	22	18.7	17.3	15.5	14.5	13.2	12.4	11.3	11	11	10.7	10	9.6	9	8.6	8.2						USt	
	13.1 → 92.5	155.5 - 170.6	22	22	22	20.4	18.8	16.7	15.5	13.9	13	11.9	11.2	11	11	10.2	9.7	9.1	8.7	8.2						USt P+	
197	13.1 → 90.2	158.9 - 175.1	22	22	22	19.9	18.5	16.6	15.5	14.1	13.2	12.1	11.5	11	11	10.6	10.2	9.6								USt	
	13.1 → 94.8	163.3 - 179.3	22	22	22	21.1	19.5	17.4	16.2	14.7	13.8	12.6	11.9	11	11	10.9	10.5	9.8								USt P+	
180	13.1 → 93.2	163.7 - 180.4	22	22	22	20.6	19.1	17.2	16.1	14.6	13.7	12.6	11.9	11	11											USt	
	13.1 → 97.1	164.8 - 180.4	22	22	22	21.7	20	17.8	16.6	15	14.1	12.8	12.1	11.1	11	11										USt P+	
164	13.1 → 99.4		22	22	22	22	20.7	18.6	17.4	15.8	14.9	13.7	13	12												USt	
	13.1 → 102		22	22	22	22	21.3	19.3	18.1	16.6	15.7	14.5	13.7	12.8												USt P+	
148	13.1 → 100.1		22	22	22	22	20.8	18.7	17.5	15.9	15	13.8														USt	
	13.1 → 100.1		22	22	22	22	20.9	18.9	17.8	16.2	15.4	14.2														USt P+	
131	13.1 → 100.1		22	22	22	22	20.9	18.8	17.6	16																USt	
	13.1 → 101.7		22	22	22	22	21.3	19.3	18.1	16.5																USt P+	
115	13.1 → 101.4		22	22	22	22	21.1	19																		USt	
	13.1 → 101.4		22	22	22	22	21.1	19																		USt P+	
98	13.1 → 98.4		22	22	22	22																				USt	
	13.1 → 98.4		22	22	22	22																				USt P+	

$U_{st} = U_{st} - 1.58 U_{st} \text{ max.}$



▽▽▽▽ (ft)		56	66	82	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	220	230	236	246	253	262	ft	
	22 USt		11 USt																								
262	10.8 → 68.6	120.9 - 123.6	22	22	17.8	14.3	13.2	11.8	11	10.2	9.6	8.8	8.3	7.6	7.2	6.7	6.4	5.9	5.7	5.3	5	4.7	4.5	4.2	4.1	3.8	USt
	10.8 → 73.8	129.4 - 131.6	22	22	19.5	15.6	14.4	12.9	12	11	10.4	9.7	9.2	8.4	8	7.4	7.1	6.5	6.2	5.8	5.5	5.1	4.9	4.5	4.3	4.1	USt P+
246	10.8 → 70.5	125.1 - 128	22	22	18.5	14.8	13.7	12.3	11.5	10.7	10	9.2	8.7	8	7.6	7.1	6.7	6.3	6	5.6	5.4	5	4.8	4.5		USt	
	10.8 → 76.1	134 - 138.2	22	22	20.2	16.2	15	13.4	12.5	11.3	11	10.1	9.6	8.9	8.4	7.8	7.4	6.9	6.6	6.2	5.9	5.6	5.3	5		USt P+	
230	10.8 → 79.7	142.3 - 145.5	22	22	21.3	17.2	16	14.3	13.4	12.2	11.5	10.8	10.3	9.5	9	8.4	8	7.5	7.2	6.8	6.5	6.1				USt	
	10.8 → 86.6	152.4 - 155.1	22	22	22	19	17.6	15.8	14.8	13.4	12.6	11.5	11	10.3	9.7	9	8.6	8	7.6	7.1	6.8	6.4				USt P+	
213	10.8 → 87.6	156.8 - 160.8	22	22	22	19.2	17.9	16.1	15	13.7	12.9	11.9	11.3	10.7	10.2	9.5	9.1	8.6	8.2	7.7						USt	
	10.8 → 94.8	161.9 - 164.9	22	22	22	21	19.4	17.3	16.1	14.6	13.7	12.5	11.8	11	10.6	9.8	9.3	8.7	8.3	7.8						USt P+	
197	10.8 → 93.2	167.1 - 170.9	22	22	22	20.7	19.2	17.3	16.2	14.8	13.9	12.8	12.2	11.3	11	10.3	9.9	9.3								USt	
	10.8 → 97.1	170.4 - 173.9	22	22	22	21.7	20.1	18	16.8	15.3	14.4	13.2	12.5	11.6	11	10.5	10.1	9.4								USt P+	
180	10.8 → 95.8	172.1 - 176.1	22	22	22	21.4	19.9	17.9	16.8	15.3	14.4	13.3	12.6	11.7	11.1	10.7										USt	
	10.8 → 99.4	171.7 - 180.4	22	22	22	22	20.6	18.5	17.2	15.6	14.7	13.4	12.7	11.7	11.1	11										USt P+	
164	10.8 → 103.7		22	22	22	22	21.8	19.6	18.4	16.8	15.9	14.6	13.9	12.9												USt	
	10.8 → 104.3		22	22	22	22	21.9	19.9	18.7	17.2	16.3	15.1	14.3	13.4												USt P+	
148	10.8 → 102.4		22	22	22	22	21.4	19.3	18.1	16.5	15.6	14.4														USt	
	10.8 → 102.7		22	22	22	22	21.5	19.5	18.4	16.9	16	14.8														USt P+	
131	10.8 → 102.7		22	22	22	22	21.5	19.4	18.2	16.6																USt	
	10.8 → 104.3		22	22	22	22	21.9	19.9	18.7	17.2																USt P+	
115	10.8 → 103.7		22	22	22	22	21.7	19.6																		USt	
	10.8 → 103.7		22	22	22	22	21.8	19.6																		USt P+	
98	10.8 → 98.4		22	22	22	22																				USt	
	10.8 → 98.4		22	22	22	22																				USt P+	

$U_{st} = U_{st} - 0.71 U_{st} \text{ max.}$