

Load curves



 (ft)		39	66	82	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	220	230	236	246	253	262	ft	
	35.3 USt	17.6 USt																									
262	13.8 → 43	75.2 - 82.3	35.3 21	17.6	14.2	13.2	11.8	11	9.9	9.3	8.5	8.1	7.4	7	6.5	6.2	5.7	5.5	5.1	4.9	4.5	4.3	4.1	3.9	3.6	USt	
	13.8 → 46.6	80.8 - 88.6	35.3 23.1	17.6	15.7	14.5	13	12.1	10.9	10.3	9.4	8.9	8.1	7.7	7.1	6.8	6.3	6	5.6	5.3	5	4.8	4.5	4.3	4	USt P+	
246	13.8 → 44.6	78.3 - 85.4	35.3 22.1	17.6	14.9	13.8	12.4	11.6	10.5	9.9	9	8.5	7.9	7.5	6.9	6.6	6.1	5.9	5.5	5.2	4.9	4.7	4.4	USt			
	13.8 → 48.2	84.2 - 91.9	35.3 24.3	18.3	16.4	15.2	13.6	12.7	11.5	10.9	9.9	9.4	8.7	8.2	7.6	7.3	6.7	6.4	6	5.8	5.4	5.2	4.9	USt P+			
230	13.8 → 50.2	88.8 - 96.6	35.3 25.7	19.5	17.3	16	14.4	13.5	12.3	11.6	10.6	10.1	9.3	8.9	8.2	7.9	7.3	7	6.6	6.3	6	USt					
	13.8 → 54.5	95.7 - 105	35.3 28.2	21.4	17.6	17.6	15.8	14.8	13.5	12.7	11.7	11.1	10.2	9.7	9	8.6	8	7.6	7.1	6.8	6.4	USt P+					
213	13.8 → 55.1	97.5 - 106.1	35.3 28.7	21.9	17.6	17.6	16.1	15.1	13.7	13	11.9	11.3	10.5	10	9.3	8.9	8.3	8	7.5	USt							
	13.8 → 59.7	105.1 - 114.8	35.3 31.5	24.1	19.2	17.7	17.6	16.6	15.1	14.1	12.9	12.2	11.2	10.6	9.9	9.4	8.7	8.3	7.8	USt P+							
197	13.8 → 58.7	103.9 - 113.1	35.3 30.9	23.6	18.9	17.6	17.3	16.2	14.8	14	12.9	12.2	11.3	10.8	10.1	9.6	9	USt									
	13.8 → 60.4	112 - 120.7	35.3 32.4	25.4	20.6	19.1	17.6	17.5	16.1	15.2	13.9	13.2	12.1	11.5	10.6	10.1	9.4	USt P+									
180	13.8 → 60.4	107.1 - 116.6	35.3 32	24.5	19.6	18.1	17.6	16.8	15.4	14.5	13.4	12.7	11.8	11.2	10.5	USt											
	13.8 → 61.4	113.8 - 122.2	35.3 32.9	25.8	20.9	19.4	17.6	17.6	16.3	15.4	14.3	13.6	12.6	12.1	11.3	USt P+											
164	13.8 → 64	113.8 - 123.9	35.3 34.3	26.4	21.1	19.5	17.6	17.6	16.5	15.6	14.4	13.6	12.7	USt													
	13.8 → 64.3	120 - 128.6	35.3 34.6	27.2	22.1	20.6	18.6	17.6	17.2	16.3	15.1	14.4	13.4	USt P+													
148	13.8 → 64.3	114.3 - 124.7	35.3 34.5	26.5	21.2	19.6	17.6	17.6	16.6	15.7	14.4	USt															
	13.8 → 64.3	117.4 - 126	35.3 34.5	26.6	21.7	20.1	18.1	17.6	16.9	16	14.8	USt P+															
131	13.8 → 64.6	114.7 - 124.8	35.3 34.6	26.6	21.3	19.7	17.6	17.6	16.6	USt																	
	13.8 → 65	119.8 - 128.7	35.3 34.8	27.4	22.2	20.6	18.5	17.6	17.2	USt P+																	
115	13.8 → 65.9		35.3 35.3	27.3	21.9	20.2	18.1	USt																			
	13.8 → 65.9		35.3 35.3	27.6	22.4	20.8	18.7	USt P+																			
98	13.8 → 64		35.3 34.3	26.4	21.2	USt																					
	13.8 → 64		35.3 34.3	26.6	21.6	USt P+																					

$$U_{L2} = U_{L1} - 2.18 \text{ USt max.}$$



 (ft)		39	66	82	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	220	230	236	246	253	262	ft	
	35.3 USt	17.6 USt																									
262	11.2 → 43	74.4 - 76.1	35.3 20.8	16	12.5	11.4	10.1	9.3	8.2	7.6	6.8	6.3	5.7	5.3	4.8	4.5	4	3.7	3.4	3.1	2.8	2.6	2.35	2.15	1.95	USt	
	11.2 → 46.3	80 - 82	35.3 22.9	17.6	13.9	12.8	11.2	10.4	9.2	8.6	7.7	7.2	6.4	6	5.4	5.1	4.6	4.3	3.9	3.6	3.3	3.1	2.75	2.55	2.3	USt P+	
246	11.2 → 44.3	77.5 - 79.2	35.3 21.8	16.9	13.3	12.2	10.7	9.9	8.9	8.2	7.4	6.9	6.2	5.8	5.3	5	4.5	4.2	3.8	3.6	3.3	3.1	2.8	USt			
	11.2 → 47.9	83.4 - 85.3	35.3 24	18	14.8	13.6	12	11.1	9.9	9.2	8.3	7.8	7	6.6	6	5.6	5.1	4.8	4.4	4.1	3.8	3.5	3.2	USt P+			
230	11.2 → 49.9	87.1 - 89.1	35.3 25.2	19.1	15.5	14.3	12.7	11.7	10.5	9.8	8.9	8.3	7.6	7.1	6.5	6.1	5.6	5.3	4.9	4.6	4.2	USt					
	11.2 → 53.8	93.9 - 96.6	35.3 27.8	21	17.3	15.9	14.1	13.1	11.8	11	9.9	9.3	8.5	8	7.3	6.8	6.2	5.9	5.4	5.1	4.6	USt P+					
213	11.2 → 54.8	96.6 - 98.8	35.3 28.5	21.7	17.6	16.3	14.6	13.6	12.2	11.4	10.4	9.8	9	8.5	7.8	7.4	6.8	6.5	6	USt							
	11.2 → 59.4	104.1 - 106.9	35.3 31.3	23.9	19	17.6	16.2	15.1	13.5	12.6	11.4	10.7	9.7	9.1	8.3	7.9	7.2	6.8	6.3	USt P+							
197	11.2 → 58.4	102.9 - 105.3	35.3 30.7	23.4	18.7	17.6	15.8	14.7	13.3	12.5	11.4	10.7	9.8	9.3	8.6	8.1	7.5	USt									
	11.2 → 60	110.9 - 112.2	35.3 32.2	25.2	20.4	18.9	17.2	16	14.5	13.7	12.4	11.6	10.6	10	9.1	8.6	7.9	USt P+									
180	11.2 → 60.4	107.1 - 109.6	35.3 32	24.5	19.6	18.1	16.6	15.5	14.1	13.2	12.1	11.4	10.5	9.9	9.2	USt											
	11.2 → 61.4	113.8 - 114.9	35.3 32.9	25.8	20.9	19.4	17.6	16.5	15	14.1	13	12.3	11.3	10.8	10	USt P+											
164	11.2 → 64	113.8 - 116.5	35.3 34.3	26.4	21.1	19.5	17.6	16.8	15.2	14.3	13.1	12.3	11.4	USt													
	11.2 → 64.3	120 - 120.9	35.3 34.6	27.2	22.1	20.6	18.6	17.6	15.9	15	13.8	13.1	12.1	USt P+													
148	11.2 → 64.3	114.3 - 116.9	35.3 34.5	26.5	21.2	19.6	17.6	16.8	15.3	14.4	13.1	USt															
	11.2 → 64.3	117.4 - 118.5	35.3 34.5	26.6	21.7	20.1	18.1	17.1	15.6	14.7	13.5	USt P+															
131	11.2 → 64.6	114.7 - 117.4	35.3 34.6	26.6	21.3	19.7	17.6	16.9	15.3	USt																	
	11.2 → 65	119.8 - 121	35.3 34.8	27.4	22.2	20.6	18.5	17.6	15.9	USt P+																	
115	11.2 → 65.9		35.3 35.3	27.3	21.9	20.2	18.1	USt																			
	11.2 → 65.9		35.3 35.3	27.6	22.4	20.8	18.7	USt P+																			
98	11.2 → 64		35.3 34.3	26.4	21.2	USt																					
	11.2 → 64		35.3 34.3	26.6	21.6	USt P+																					

$$U_{L2} = U_{L1} - 0.71 \text{ USt max.}$$