

HAZARD TREE EVALUATIONS TATUM AID

POTENTIAL FOR FAILURE (PF)	POTENTIAL FOR IMPACT (PI)
1 - VERY LOW FAILURE POTENTIAL Sound trees lacking indicators	1 - NO DAMAGE Target impact will involve only very small tree parts, or there is no chance that failed parts will cause damage when they impact a target.
2 - LOW FAILURE POTENTIAL Trees with only minor defects (stem decay with more than an acceptable rind of sound wood)	2- MINOR DAMAGE Failure of only small tree parts, and impacts in occupied areas are indirect; or failures will likely occur when area is unoccupied; damage, when it occurs, is to low value target(s).
3 - MODERATE FAILURE POTENTIAL Trees with moderate defects (at or near the threshold of acceptable rind thickness. Cankers<50% circumfrance. Uncorrected lean >10% with no root lifting.	3 - MODERATE DAMAGE Failure involves small trees or medium-sized tree parts, and impacts will likely occur in areas with targets; impacts will be direct, damage will likely be moderate, target value is moderate.
4 - HIGH FAILURE POTENTIAL Highly defective trees or trees with root anchorage limited by erosion, excavation, undermining, or adverse soil conditions, dead trees, or those with root disease. Cankers≥50% Circum. HT/DBH≥100. Uncorrected lean >10% with root lifting.	4 - EXTENSIVE DAMAGE Failure involves medium to large tree parts or entire trees, and impacts will be direct in areas with targets; target value is high, and damage to property will likely be severe; or serious personal injury or death.

RISK RATING	TREATMENT PRIORITY
8	very high
7	high
6	moderate
2 - 5	low

MINIMUM SAFE AVERAGE RIND THICKNESS FOR HOLLOW TREES

Diam. (" inside bark)	Avg. rind thickness (")
4	0.7
8	1.3
12	2.0
16	2.7
20	3.3
24	4.0
28	4.7
32	5.3
36	6.0
40	6.7
44	7.3
48	8.0
52	8.7
56	9.3
60	10.0
64	10.7
68	11.3

The following applies to any hollow tree with an open cavity/open wound.

1. Treat if rind thickness at its thinnest point (not average rind thickness) meets or is below suggested safe standard.
2. Increase the minimum safe average rind thickness measurement by at least 25%.