

Table 1: Tree Inventory: A.B. Ford Park 100 Lenox Street, Detroit, MI, ASTI Project #13114

Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	Tree Tag #	Common Name	Scientific Name	#DBHs	DBH1 (inches)	DBH2 (inches)	DBH3 (inches)
42.35707	-82.938336	2427	American Crab	<i>Malus coronaria</i>	2	10.1	10	0
42.35701	-82.938289	2428	American Crab	<i>Malus coronaria</i>	1	23.6	0	0
42.35766	-82.941198	2400	Basswood	<i>Tilia americana</i>	1	27.7	0	0
42.3572	-82.936454	2445	Basswood	<i>Tilia americana</i>	1	11.2	0	0
42.35861	-82.93967	2418	Black Willow	<i>Salix nigra</i>	1	83.6	0	0
42.35681	-82.935975	2448	Box-Elder	<i>Acer negundo</i>	1	6.3	0	0
42.35692	-82.93601	2450	Box-Elder	<i>Acer negundo</i>	1	82	0	0
42.35877	-82.937067	2504	Box-Elder	<i>Acer negundo</i>	2	9.8	6.5	0
42.35882	-82.937048	2505	Box-Elder	<i>Acer negundo</i>	2	11.6	9.8	0
42.35884	-82.937034	2506	Box-Elder	<i>Acer negundo</i>	1	11.1	0	0
42.35885	-82.937024	2507	Box-Elder	<i>Acer negundo</i>	3	6.3	6.3	6.2
42.35891	-82.936993	2508	Box-Elder	<i>Acer negundo</i>	1	16.2	0	0
42.35893	-82.936975	2509	Box-Elder	<i>Acer negundo</i>	2	10.6	6.2	0
42.35635	-82.942108	2365	Cottonwood	<i>Populus deltoides</i>	1	58.3	0	0
42.35785	-82.940444	2373	Cottonwood	<i>Populus deltoides</i>	1	31.1	0	0
42.35782	-82.940452	2374	Cottonwood	<i>Populus deltoides</i>	1	29.4	0	0
42.35784	-82.940538	2375	Cottonwood	<i>Populus deltoides</i>	1	35.4	0	0
42.35797	-82.940669	2376	Cottonwood	<i>Populus deltoides</i>	1	29.8	0	0
42.35801	-82.940688	2377	Cottonwood	<i>Populus deltoides</i>	1	38.8	0	0
42.35801	-82.940898	2378	Cottonwood	<i>Populus deltoides</i>	1	56.8	0	0
42.35845	-82.938079	2406	Cottonwood	<i>Populus deltoides</i>	3	58.6	52.3	39.5
42.35844	-82.93831	2407	Cottonwood	<i>Populus deltoides</i>	1	60.3	0	0
42.3586	-82.938617	2408	Cottonwood	<i>Populus deltoides</i>	1	58.3	0	0
42.35876	-82.938863	2411	Cottonwood	<i>Populus deltoides</i>	3	38.6	36.8	17.8
42.35869	-82.939027	2412	Cottonwood	<i>Populus deltoides</i>	1	42.1	0	0
42.35864	-82.939027	2413	Cottonwood	<i>Populus deltoides</i>	2	42.1	27.5	0
42.35861	-82.939432	2414	Cottonwood	<i>Populus deltoides</i>	1	71.2	0	0
42.35801	-82.940483	2424	Cottonwood	<i>Populus deltoides</i>	1	38.6	0	0
42.35798	-82.940367	2425	Cottonwood	<i>Populus deltoides</i>	1	30.2	0	0
42.35793	-82.940412	2426	Cottonwood	<i>Populus deltoides</i>	1	35.6	0	0
42.35698	-82.93804	2429	Cottonwood	<i>Populus deltoides</i>	1	25.8	0	0

42.35697	-82.938038	2430	Cottonwood	<i>Populus deltoides</i>	1	51.8	0	0
42.35724	-82.937881	2433	Cottonwood	<i>Populus deltoides</i>	1	79.1	0	0
42.35716	-82.937825	2434	Cottonwood	<i>Populus deltoides</i>	5	26.9	24.2	26
42.35727	-82.937984	2435	Cottonwood	<i>Populus deltoides</i>	1	45.5	0	0
42.3574	-82.936327	2456	Cottonwood	<i>Populus deltoides</i>	1	30.9	0	0
42.35736	-82.936394	2457	Cottonwood	<i>Populus deltoides</i>	1	38.9	0	0
42.35738	-82.936397	2458	Cottonwood	<i>Populus deltoides</i>	2	15.6	30.1	0
42.3574	-82.936439	2459	Cottonwood	<i>Populus deltoides</i>	1	64.6	0	0
42.35743	-82.936434	2460	Cottonwood	<i>Populus deltoides</i>	1	29.5	0	0
42.35768	-82.936531	2464	Cottonwood	<i>Populus deltoides</i>	1	29.6	0	0
42.3577	-82.936569	2465	Cottonwood	<i>Populus deltoides</i>	1	36.4	0	0
42.35774	-82.936595	2466	Cottonwood	<i>Populus deltoides</i>	1	50.1	0	0
42.35778	-82.936579	2467	Cottonwood	<i>Populus deltoides</i>	1	16.8	0	0
42.35781	-82.936625	2468	Cottonwood	<i>Populus deltoides</i>	1	28.4	0	0
42.35781	-82.936612	2469	Cottonwood	<i>Populus deltoides</i>	1	31.4	0	0
42.35768	-82.936765	2470	Cottonwood	<i>Populus deltoides</i>	1	45.9	0	0
42.35771	-82.936769	2472	Cottonwood	<i>Populus deltoides</i>	1	27.1	0	0
42.35775	-82.936752	2473	Cottonwood	<i>Populus deltoides</i>	1	38.4	0	0
42.35772	-82.936789	2474	Cottonwood	<i>Populus deltoides</i>	1	33.5	0	0
42.35776	-82.936751	2475	Cottonwood	<i>Populus deltoides</i>	1	36.5	0	0
42.35787	-82.936894	2476	Cottonwood	<i>Populus deltoides</i>	1	31.7	0	0
42.35787	-82.936798	2477	Cottonwood	<i>Populus deltoides</i>	1	34.6	0	0
42.35786	-82.936811	2478	Cottonwood	<i>Populus deltoides</i>	1	22.4	0	0
42.35791	-82.936714	2479	Cottonwood	<i>Populus deltoides</i>	1	21.9	0	0
42.35796	-82.936726	2481	Cottonwood	<i>Populus deltoides</i>	1	39.9	0	0
42.358	-82.936777	2482	Cottonwood	<i>Populus deltoides</i>	1	9.7	0	0
42.35796	-82.936803	2483	Cottonwood	<i>Populus deltoides</i>	1	32.4	0	0
42.35793	-82.936801	2484	Cottonwood	<i>Populus deltoides</i>	1	30.9	0	0
42.35792	-82.936856	2485	Cottonwood	<i>Populus deltoides</i>	1	27.2	0	0
42.35795	-82.936828	2486	Cottonwood	<i>Populus deltoides</i>	1	25.9	0	0
42.35804	-82.936837	2487	Cottonwood	<i>Populus deltoides</i>	1	38.2	0	0
42.35802	-82.936817	2488	Cottonwood	<i>Populus deltoides</i>	1	17.6	0	0
42.35803	-82.936808	2489	Cottonwood	<i>Populus deltoides</i>	2	7.8	6.8	0
42.35908	-82.937351	2512	Cottonwood	<i>Populus deltoides</i>	1	54.1	0	0
42.35926	-82.93743	2513	Cottonwood	<i>Populus deltoides</i>	2	29.6	28.6	0

42.35927	-82.937427	2514	Cottonwood	<i>Populus deltoides</i>	1	48.1	0	0
42.35896	-82.937612	2517	Cottonwood	<i>Populus deltoides</i>	1	45.5	0	0
42.35901	-82.937603	2518	Cottonwood	<i>Populus deltoides</i>	1	33.4	0	0
42.35904	-82.937704	2519	Cottonwood	<i>Populus deltoides</i>	2	33.9	33.4	0
42.35906	-82.937924	2521	Cottonwood	<i>Populus deltoides</i>	1	37.6	0	0
42.35904	-82.937847	2522	Cottonwood	<i>Populus deltoides</i>	2	22.3	21.6	0
42.35891	-82.937861	2523	Cottonwood	<i>Populus deltoides</i>	1	45.3	0	0
42.35881	-82.937926	2526	Cottonwood	<i>Populus deltoides</i>	1	26.4	0	0
42.3577	-82.936776	2471	Cottonwood	<i>Populus deltoides</i>	1	33.8	0	0
42.35919	-82.937451	2515	Cottonwood	<i>Populus deltoides</i>	1	37.4	0	0
42.35903	-82.937454	2516	Cottonwood	<i>Populus deltoides</i>	1	41.1	0	0
42.35926	-82.937755	2520	Cottonwood	<i>Populus deltoides</i>	1	35.2	0	0
42.35894	-82.937978	2524	Cottonwood	<i>Populus deltoides</i>	1	34.6	0	0
42.35899	-82.937944	2525	Cottonwood	<i>Populus deltoides</i>	1	40.1	0	0
42.35891	-82.938302	2531	Cottonwood	<i>Populus deltoides</i>	1	45.5	0	0
42.35758	-82.938116	2437	Crack Willow	<i>Salix euxina</i>	3	12.3	11.6	8.6
42.35758	-82.938102	2438	Crack Willow	<i>Salix euxina</i>	3	15.3	9.2	8.6
42.35759	-82.938124	2439	Crack Willow	<i>Salix euxina</i>	6	12.3	11.6	8.6
42.35876	-82.938009	2527	Crack Willow	<i>Salix euxina</i>	1	80.2	0	0
42.35659	-82.940966	2366	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	17.5	0	0
42.35671	-82.94081	2367	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	11.3	0	0
42.35652	-82.940782	2368	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	12.9	0	0
42.35672	-82.939857	2369	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	16.2	0	0
42.3568	-82.939758	2370	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	14.8	0	0
42.35695	-82.939949	2371	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	16.1	0	0
42.35783	-82.941887	2383	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	27.1	0	0
42.35777	-82.942041	2384	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	28.5	0	0
42.35772	-82.942036	2385	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	21.3	0	0
42.35773	-82.942108	2386	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	17.1	0	0
42.3576	-82.942456	2389	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	22.6	0	0
42.35761	-82.942608	2397	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	20.8	0	0
42.35751	-82.942706	2398	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	33.7	0	0
42.35738	-82.942694	2399	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	17.4	0	0
42.3578	-82.937648	2442	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	25.1	0	0
42.35823	-82.937104	2496	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	19.6	0	0

42.35836	-82.937205	2498	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	18.2	0	0
42.35845	-82.937274	2499	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	23.8	0	0
42.35852	-82.937333	2500	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	18.6	0	0
42.35861	-82.937433	2533	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	22.9	0	0
42.35855	-82.937513	2534	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	20.5	0	0
42.35856	-82.937712	2535	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	19.6	0	0
42.35844	-82.937648	2536	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	24.3	0	0
42.35872	-82.937406	2532	Imperial Honey Locust	<i>Gleditsia triacanthosf. inermis</i>	1	19.3	0	0
42.35753	-82.940606	2403	Little Leaf Linden	<i>Tilia cordata</i>	1	17.5	0	0
42.35753	-82.941152	2358	London Planetree	<i>Platanus x acerifolia</i>	1	24.2	0	0
42.35674	-82.942245	2361	London Planetree	<i>Platanus x acerifolia</i>	1	29.2	0	0
42.35766	-82.940681	2402	London Planetree	<i>Platanus x acerifolia</i>	1	21.1	0	0
42.35683	-82.936642	2446	Northern Catalpa	<i>Catalpa speciosa</i>	1	14.1	0	0
42.35679	-82.936522	2447	Northern Catalpa	<i>Catalpa speciosa</i>	1	15.4	0	0
42.35788	-82.941304	2380	Norway Maple	<i>Acer platanoides</i>	1	24.8	0	0
42.35781	-82.941356	2381	Norway Maple	<i>Acer platanoides</i>	1	21.9	0	0
42.35767	-82.942394	2387	Norway Maple	<i>Acer platanoides</i>	1	7.3	0	0
42.35768	-82.942404	2388	Norway Maple	<i>Acer platanoides</i>	1	14.5	0	0
42.35764	-82.942475	2390	Norway Maple	<i>Acer platanoides</i>	1	11.1	0	0
42.35764	-82.942537	2391	Norway Maple	<i>Acer platanoides</i>	1	11.5	0	0
42.3576	-82.942614	2393	Norway Maple	<i>Acer platanoides</i>	1	8.1	0	0
42.35759	-82.942628	2394	Norway Maple	<i>Acer platanoides</i>	1	7.2	0	0
42.35759	-82.942643	2395	Norway Maple	<i>Acer platanoides</i>	1	7.1	0	0
42.35758	-82.942685	2396	Norway Maple	<i>Acer platanoides</i>	1	15.6	0	0
42.35888	-82.93873	2410	Norway Maple	<i>Acer platanoides</i>	3	11.6	10.6	76
42.35851	-82.939815	2422	Norway Maple	<i>Acer platanoides</i>	3	12.3	11.2	8.4
42.35833	-82.939858	2423	Norway Maple	<i>Acer platanoides</i>	5	7.3	7.2	6.8
42.35858	-82.937194	2501	Norway Maple	<i>Acer platanoides</i>	1	13.9	0	0
42.35691	-82.940802	2372	Norway spruce	<i>Picea abies</i>	1	13.9	0	0
42.35719	-82.941205	2359	Red Oak	<i>Quercus rubra</i>	1	17.8	0	0
42.35642	-82.942016	2362	Red Oak	<i>Quercus rubra</i>	1	13.7	0	0
42.35639	-82.942004	2363	Red Oak	<i>Quercus rubra</i>	1	9.2	0	0
42.35638	-82.942094	2364	Red Oak	<i>Quercus rubra</i>	1	13.8	0	0
42.35765	-82.940889	2401	Red Oak	<i>Quercus rubra</i>	1	17.4	0	0
42.35821	-82.937953	2404	Scots Pine	<i>Pinus sylvestris</i>	1	16.3	0	0

42.35832	-82.937934	2405	Scots Pine	<i>Pinus sylvestris</i>	1	14.5	0	0
42.35779	-82.937133	2443	Scots Pine	<i>Pinus sylvestris</i>	1	12.5	0	0
42.35819	-82.936917	2491	Scots Pine	<i>Pinus sylvestris</i>	1	14.8	0	0
42.35824	-82.936957	2492	Scots Pine	<i>Pinus sylvestris</i>	1	12.1	0	0
42.35903	-82.937057	2510	Scots Pine	<i>Pinus sylvestris</i>	1	15.1	0	0
42.35892	-82.937104	2511	Scots Pine	<i>Pinus sylvestris</i>	1	17.1	0	0
42.35844	-82.93776	2537	Scots Pine	<i>Pinus sylvestris</i>	2	12.1	9.4	0
42.35817	-82.940941	2379	Siberian Elm	<i>Ulmus pumila</i>	1	32.8	0	0
42.3581	-82.941261	2382	Siberian Elm	<i>Ulmus pumila</i>	1	22.9	0	0
42.35686	-82.935983	2449	Siberian Elm	<i>Ulmus pumila</i>	5	7.9	7.9	7.8
42.357	-82.936074	2451	Siberian Elm	<i>Ulmus pumila</i>	2	6.9	6.8	0
42.35706	-82.936101	2452	Siberian Elm	<i>Ulmus pumila</i>	1	6.3	0	0
42.35708	-82.936116	2453	Siberian Elm	<i>Ulmus pumila</i>	1	8.6	8.3	0
42.35711	-82.936153	2454	Siberian Elm	<i>Ulmus pumila</i>	1	8.6	6.3	0
42.35714	-82.936159	2455	Siberian Elm	<i>Ulmus pumila</i>	2	6.5	6.6	0
42.35828	-82.937184	2497	Siberian Elm	<i>Ulmus pumila</i>	1	46.8	0	0
42.35842	-82.939415	2415	Silver Maple	<i>Acer saccharinum</i>	1	40.3	0	0
42.35838	-82.939443	2416	Silver Maple	<i>Acer saccharinum</i>	1	47.3	0	0
42.35849	-82.939491	2417	Silver Maple	<i>Acer saccharinum</i>	1	31.3	0	0
42.35689	-82.942105	2360	Sugar Maple	<i>Acer saccharum</i>	1	26.4	0	0
42.3576	-82.942583	2392	White Mulberry	<i>Morus alba</i>	1	14.3	0	0
42.35882	-82.938501	2409	White Mulberry	<i>Morus alba</i>	4	7.7	7.6	6.6
42.35861	-82.93969	2419	White Mulberry	<i>Morus alba</i>	1	10.2	0	0
42.35859	-82.93975	2420	White Mulberry	<i>Morus alba</i>	1	6.2	0	0
42.3585	-82.939781	2421	White Mulberry	<i>Morus alba</i>	3	8.1	6.8	6.8
42.35695	-82.937574	2431	White Mulberry	<i>Morus alba</i>	1	20.4	0	0
42.35697	-82.937564	2432	White Mulberry	<i>Morus alba</i>	2	15.3	12.3	0
42.35758	-82.938318	2436	White Mulberry	<i>Morus alba</i>	3	8.5	6.2	6.1
42.35759	-82.938069	2440	White Mulberry	<i>Morus alba</i>	1	11.6	0	0
42.35761	-82.938087	2441	White Mulberry	<i>Morus alba</i>	1	13.6	0	0
42.35732	-82.936665	2444	White Mulberry	<i>Morus alba</i>	1	37.6	0	0
42.35749	-82.936386	2461	White Mulberry	<i>Morus alba</i>	2	8.3	7.9	0
42.35764	-82.936439	2462	White Mulberry	<i>Morus alba</i>	3	6.4	6.3	6.2
42.3577	-82.936487	2463	White Mulberry	<i>Morus alba</i>	1	6.4	0	0
42.35794	-82.936617	2480	White Mulberry	<i>Morus alba</i>	4	8.9	7.8	7.2

42.3581	-82.936735	2490	White Mulberry	<i>Morus alba</i>	4	8.1	7.8	7.6
42.35825	-82.936839	2493	White Mulberry	<i>Morus alba</i>	1	11.8	0	0
42.35833	-82.936864	2494	White Mulberry	<i>Morus alba</i>	1	6.8	0	0
42.35836	-82.936889	2495	White Mulberry	<i>Morus alba</i>	4	6.8	6.6	6.4
42.3587	-82.937091	2502	White Mulberry	<i>Morus alba</i>	4	9.8	8.4	7.1
42.35875	-82.937106	2503	White Mulberry	<i>Morus alba</i>	3	6.8	6.5	6.3
42.35884	-82.938282	2530	White Mulberry	<i>Morus alba</i>	1	22.9	0	0
42.35884	-82.93815	2528	White Mulberry	<i>Morus alba</i>	1	11.3	0	0
42.35884	-82.938157	2529	White Mulberry	<i>Morus alba</i>	1	10.9	0	0

Total Number of Trees	180		
Total DBH (all live trees)	4508.7	491	274.6
Total DBH (all healthy trees)	4476.4		

Dead and severely diseased and/or damaged trees scoring less than 50% ISA Health & Condition Standard are noted in red.

Tree Survey conducted 2/7/24

Collected and Certified By:



Jeremiah Roth, Wetland Ecologist/Arborist
 ISA-Certified Arborist OH-6162A
 ASTI Environmental

6.1	0	0	Fair	No	Park (Public)	Structure	Root Plate (RP)	Roots
0	0	0	Fair	No	Park (Public)	Structure	Root Plate (RP)	Roots
0	0	0	Fair	No	Park (Public)	Structure	Root Plate (RP)	Roots
6.3	0	0	Fair	No	Park (Public)	Structure	Root Plate (RP)	Roots
6.3	0	0	Fair	No	Park (Public)	Structure	Leaner (LE)	Stem
0	0	0	Fair	No	Park (Public)	Structure	Leaner (LE)	Stem
0	0	0	Fair	No	Park (Public)	Structure	Stem crack (SC)	Stem
0	0	0	Good	No	Park (Public)	NULL	NA	NA
0	0	0	Good	No	Park (Public)	NULL	NA	NA

81.9 44.6 6.3

Notes	Pervious Tree Tag #	Max PDOP	GPS Date	Vert Prec (Feet)	Horz Prec (Feet)	Northing (International Feet)	Easting (International feet)
buried roots	1689	3	2/7/24	2.1	1.2	315613.893	13509392.4
buried root, stem sprout	1690	3	2/7/24	2.1	1.2	315594.172	13509405.36
buried roots	1927	6.4	2/7/24	4.8	3.9	315817.918	13508615.09
buried roots	1425	3	2/7/24	1.9	1.5	315671.893	13509899.97
buried roots	1665	8	2/7/24	3.8	3.6	316170.796	13509022.28
buried roots	1418	2.9	2/7/24	1.9	1.2	315530.367	13510031.89
buried roots	1420	2.5	2/7/24	1.8	1.1	315569.661	13510021.78
main trunk leaning	1466	2.9	2/7/24	2.3	2.3	316241.865	13509724.66
main trunk leaning	1465	4	2/7/24	2	2.1	316259.228	13509729.51
main trunk leaning	1467	5.7	2/7/24	2	2.2	316265.851	13509733.17
main trunk leaning		4.3	2/7/24	2.7	2.9	316270.714	13509735.79
main trunk leaning	1468	5.8	2/7/24	2.3	2.1	316292.741	13509743.88
main trunk leaning	1469	3.4	2/7/24	3.5	3.2	316298.183	13509748.61
buried roots	1960	3.3	2/7/24	2.9	3.2	315335.464	13508377.46
buried roots	1911	3.1	2/7/24	2	1.7	315888.923	13508817.82
main trunk leaning & buried roots	1912	2.6	2/7/24	1.6	1.8	315877.601	13508815.82
buried roots	1913	3	2/7/24	1.9	2	315884.921	13508792.45
buried roots	1919	6.8	2/7/24	2.4	2.3	315934.361	13508756.27
buried roots	1920	20.5	2/7/24	2.6	2.7	315947.189	13508750.79
buried roots		4.9	2/7/24	2	1.8	315946.479	13508694.19
buried roots		4.7	2/7/24	2	2.5	316117.981	13509453.13
buried roots		3	2/7/24	2.3	1.7	316116.263	13509390.92
buried roots	1660	4	2/7/24	1.8	1.3	316173.349	13509306.79
buried roots	1661	4.1	2/7/24	1.9	1.2	316227.244	13509239.54
buried roots	1662	9	2/7/24	3.6	3.7	316204.039	13509195.38
buried roots	1663	3.7	2/7/24	2.7	2	316184.829	13509195.93
buried roots	1906	3.7	2/7/24	2	2	316173.141	13509086.49
buried roots	1908	4	2/7/24	4.3	2.5	315949.108	13508806.22
buried roots	1909	2.8	2/7/24	2.2	1.4	315936.558	13508837.78
buried roots	1910	3.3	2/7/24	3.1	1.5	315920.896	13508825.95
buried roots	1692	3.7	2/7/24	2.2	1.4	315585.659	13509472.66

buried roots	1691	3.1	2/7/24	2.3	1.7	315579.634	13509473.34
buried roots		2.9	2/7/24	2.4	1.7	315678.029	13509514.23
buried roots	1688	3.4	2/7/24	2.2	1.7	315649.765	13509529.85
buried roots	1986	2.7	2/7/24	2.1	1.9	315689.729	13509486.16
buried roots		4.6	2/7/24	3	2.8	315745.395	13509933.23
buried roots	1427	3.2	2/7/24	2	1.5	315729.534	13509915.29
buried roots	1429	2.5	2/7/24	1.9	1.6	315737.692	13509914.41
buried roots		2.3	2/7/24	1.9	1.7	315743.971	13509902.98
buried roots		2.9	2/7/24	2.2	1.6	315754.646	13509904.01
buried roots		2.9	2/7/24	2.8	2	315844.56	13509876.39
buried roots	1433	3.1	2/7/24	3.1	2.3	315853.921	13509865.78
buried roots	1435	3.3	2/7/24	3.3	2.7	315865.755	13509858.59
buried roots	1436	6.9	2/7/24	2.5	2.7	315883.342	13509862.58
buried roots		3	2/7/24	7.6	5.1	315892.686	13509849.95
buried roots	1438	3.1	2/7/24	2.1	1.8	315893.238	13509853.67
buried roots	1444	2.9	2/7/24	2.3	2	315846.332	13509813.14
buried roots		2.9	2/7/24	3	3.2	315854.918	13509811.93
buried roots		2.9	2/7/24	2.8	2.5	315869.167	13509816.02
buried roots		2.7	2/7/24	2.1	1.9	315860.46	13509806.31
buried roots		2.6	2/7/24	1.9	1.7	315875.556	13509816.42
buried roots	1446	3.6	2/7/24	3.4	4.5	315913.149	13509777.13
buried roots		3	2/7/24	2.1	1.9	315913.176	13509802.98
buried roots		2.8	2/7/24	3.4	2.7	315909.641	13509799.55
buried roots		3.3	2/7/24	2.9	3.4	315929.98	13509825.36
buried roots		3.3	2/7/24	3.4	3.9	315947.238	13509821.79
buried roots		2.7	2/7/24	2.1	1.8	315960.43	13509807.96
buried roots		2.5	2/7/24	2.3	2.5	315947.177	13509801.13
Woodpecker holes, main trunk split		2.5	2/7/24	1.8	2	315935.537	13509801.73
buried roots		8	2/7/24	3.4	3.1	315931.23	13509786.94
buried roots	1451	4	2/7/24	3.9	4.1	315942.419	13509794.29
buried roots		2.8	2/7/24	1.9	1.6	315974.18	13509791.43
buried roots		3.6	2/7/24	2.1	1.6	315968.905	13509796.95
buried roots		2.8	2/7/24	3.9	3.8	315971.382	13509799.18
Crack and slip in trunk	1488	5.2	2/7/24	4.2	4	316350.912	13509646.05
Crack and slip in trunk	1489	2.5	2/7/24	2.1	2.3	316418.091	13509623.63

Crack and slip in trunk	1490	2.9	2/7/24	4.9	5	316422.602	13509624.27
main trunk leaning	1493	2.8	2/7/24	2	2	316308.267	13509576.29
main trunk leaning	1494	3	2/7/24	1.9	2	316325.229	13509578.49
main trunk leaning	1495	5.8	2/7/24	4.1	3.4	316334.951	13509550.86
Crack and slip in trunk	1624	2.7	2/7/24	2	2.3	316342.666	13509491.25
Crack and slip in trunk	1625	3.3	2/7/24	1.8	1.9	316333.668	13509512.34
main trunk leaning	1626	5.4	2/7/24	1.7	2.3	316287.135	13509509.32
main trunk leaning	1629	6.4	2/7/24	2.8	3.3	316252.097	13509492.33
buried roots	1443	4.1	2/7/24	2.7	2.1	315850.948	13509809.91
	1491	141.3	2/7/24	5.1	5.1	316392.242	13509618.41
		2.9	2/7/24	3.4	3.1	316334.221	13509618.44
	1496	6.7	2/7/24	7.5	7.9	316416.133	13509535.67
	1627	2.7	2/7/24	1.7	1.7	316299.639	13509477.54
	1628	3	2/7/24	3	2.4	316316.922	13509486.37
	1647	3.7	2/7/24	5.1	6.3	316286.039	13509389.96
buried roots		3.8	2/7/24	2.4	1.4	315802.755	13509448.58
buried roots		3	2/7/24	2.2	1.6	315800.726	13509452.36
buried roots		2.7	2/7/24	3.2	1.9	315804.546	13509446.29
extreme main trunk leaning		2.9	2/7/24	2.2	2.7	316231.898	13509470.2
buried roots		2.8	2/7/24	2	2.2	315428.055	13508684.41
buried roots		3	2/7/24	1.8	1.5	315473.506	13508725.91
buried roots	1966	3	2/7/24	2.2	1.9	315404.235	13508734.71
buried roots		4.5	2/7/24	1.7	1.8	315479.497	13508983.29
buried roots		2.8	2/7/24	1.7	2.1	315510.292	13509009.56
buried roots		2.9	2/7/24	1.7	2.1	315564.184	13508956.98
buried roots	1931	2.8	2/7/24	1.6	1.3	315875.711	13508428.03
buried roots	1932	4.1	2/7/24	3	2.4	315853.318	13508386.71
buried roots	1933	2.7	2/7/24	2.6	1.6	315836.22	13508388.39
buried roots	1934	3	2/7/24	2.1	1.8	315838.019	13508368.82
buried root	1936	20	2/7/24	6.8	4.9	315790.819	13508275.5
buried roots	1944	3.9	2/7/24	5.4	4.2	315792.423	13508234.51
buried roots	1945	2.7	2/7/24	2.6	2.2	315755.02	13508208.51
buried roots	1947	2.6	2/7/24	1.6	1.5	315708.383	13508212.66
buried roots		2.9	2/7/24	2.3	1.5	315884.075	13509573.59
buried roots		3	2/7/24	2.1	1.8	316044.446	13509718.04

buried roots	1484	3.1	2/7/24	2.1	2.3	316090.269	13509689.92
buried roots		3	2/7/24	2.8	2.6	316124.6	13509670.58
buried roots		2.7	2/7/24	1.6	1.8	316146.841	13509654.39
	1477	3	2/7/24	2.1	2	316180.76	13509626.67
Buried root	1634	3	2/7/24	3.4	3.9	316159.404	13509605.38
Buried root	1630	2.9	2/7/24	2.3	2	316160.196	13509551.77
Buried root	1633	2.9	2/7/24	1.6	1.8	316117.017	13509569.83
	1476	3.1	2/7/24	2.7	2.3	316221.416	13509633.35
buried roots		4.4	2/7/24	6.3	7.1	315772.106	13508775.92
buried roots		6.4	2/7/24	5.6	3.6	315771.794	13508628.33
buried roots	1956	2.9	2/7/24	2.1	2.1	315477.771	13508337.79
buried roots	1915	3.4	2/7/24	1.9	2.1	315819.874	13508754.79
buried roots		3	2/7/24	1.9	1.4	315535.743	13509851.61
buried roots		2.7	2/7/24	1.8	1.5	315520.96	13509884.24
buried roots	1928	4.1	2/7/24	2	1.8	315898.562	13508585.15
buried roots	1929	6.3	2/7/24	1.8	2.3	315872.773	13508571.44
buried roots		2.5	2/7/24	6	4.7	315814.034	13508291.82
		2.9	2/7/24	2.1	1.5	315820.803	13508289.15
bufied root	1937	3.4	2/7/24	4	4.2	315804.16	13508270.18
	1983	4.3	2/7/24	2	2	315804.613	13508253.41
buried roots	1940	26.7	2/7/24	4.9	4.1	315789.316	13508232.8
buried roots	1942	2.7	2/7/24	2	1.9	315785.923	13508229.29
buried roots	1941	3	2/7/24	1.6	1.5	315785.256	13508225
buried roots	1943	2.7	2/7/24	1.9	2.1	315782.049	13508213.86
buried roots		3.1	2/7/24	2.3	1.4	316274.694	13509274.63
buried roots	1666	7.7	2/7/24	3.8	2.8	316131.555	13508983.83
buried roots		2.9	2/7/24	2.1	1.2	316069.372	13508973.07
Trunk damage		2.7	2/7/24	1.8	1.7	316172.34	13509691.47
buried roots		2.9	2/7/24	1.9	1.6	315546.399	13508726.69
buried roots	1970	3.5	2/7/24	1.8	1.7	315647.139	13508616.28
buried roots		3.1	2/7/24	1.9	1.9	315362.024	13508401.89
buried roots		2.7	2/7/24	1.6	1.8	315349.708	13508405.1
buried roots		2.9	2/7/24	2	2.3	315347.01	13508380.92
buried roots	1926	3.9	2/7/24	3.3	2.8	315815.163	13508698.84
buried roots		2.9	2/7/24	1.7	1.4	316032.786	13509488.67

buried roots		2.9	2/7/24	2.3	1.5	316072.63	13509493.3
buried roots		3	2/7/24	2	1.7	315881.717	13509712.91
buried roots		3	2/7/24	2.5	2.7	316030.964	13509768.84
buried roots		2.8	2/7/24	2.4	1.9	316047.959	13509757.81
main trunk leaning	1474	11.2	2/7/24	4.1	4.3	316336.718	13509725.77
main trunk leaning	1475	4.7	2/7/24	3.1	1.8	316294.249	13509713.75
Buried root		3.4	2/7/24	2.9	2.2	316117.171	13509539.45
buried roots	1921	10.1	2/7/24	9.8	7.4	316003.459	13508681.57
buried roots	1924	2.3	2/7/24	1.4	1.2	315977.12	13508595.47
buried roots	1419	2.9	2/7/24	2.1	1.7	315550.671	13510029.32
buried roots	1421	3	2/7/24	1.8	1.4	315602.04	13510003.99
buried roots		3	2/7/24	2.3	1.8	315623.517	13509996.3
buried roots		2.8	2/7/24	1.8	1.1	315629.559	13509992.05
buried roots		2.6	2/7/24	2.1	1.3	315640.843	13509982.06
buried roots		3	2/7/24	1.9	1.5	315651.201	13509980.26
buried roots	1483	5.9	2/7/24	2.8	2.5	316062.8	13509696.1
buried roots		2.9	2/7/24	1.9	1.1	316104.026	13509092.42
buried roots		2.8	2/7/24	2.1	1.5	316089.297	13509084.92
buried roots		4.6	2/7/24	2.2	2	316126.937	13509071.46
buried roots		10.4	2/7/24	2.1	2.2	315533.813	13508374.68
buried roots		3.4	2/7/24	2.8	2.7	315790.016	13508241.25
buried roots		3	2/7/24	2	1.4	316251.413	13509336.75
buried roots		3.8	2/7/24	2.1	1.7	316169.124	13509016.89
buried roots		2.8	2/7/24	2.1	1.1	316161.475	13509000.82
buried roots	1667	4.3	2/7/24	2.1	1.3	316130.253	13508992.8
buried roots		2.9	2/7/24	2.2	1.4	315573.812	13509598.93
buried roots		2.9	2/7/24	2.1	1.3	315581.409	13509601.42
buried roots	1679	2.9	2/7/24	2.2	1.2	315800.32	13509394.13
buried roots		3	2/7/24	2.4	1.9	315807.514	13509461.27
buried roots		5.1	2/7/24	5.2	5.3	315812.787	13509456.13
buried roots	1426	2.2	2/7/24	1.8	1.6	315715.524	13509842.36
buried roots		3.7	2/7/24	2.7	2.5	315779.069	13509916.66
buried roots		2.1	2/7/24	1.9	1.3	315830.202	13509901.31
buried roots		4.1	2/7/24	4	3.3	315853.407	13509888.15
buried roots		3	2/7/24	4.1	3	315938.943	13509851.37

buried roots	1458	4.5	2/7/24	4.6	3.9	315998.072	13509818.58
buried roots		3.1	2/7/24	2.1	1.7	316052.174	13509789.54
buried roots		2.8	2/7/24	2.2	1.7	316080.629	13509782.22
buried roots		2.9	2/7/24	2.8	2.3	316093.25	13509775.33
main trunk leaning		3	2/7/24	1.7	1.5	316215.096	13509718.7
main trunk leaning	1464	3	2/7/24	1.7	1.4	316233.694	13509714.24
Crack and slip in trunk	1648	3	2/7/24	1.8	1.9	316259.952	13509396.02
	1642	2.6	2/7/24	3.6	3.4	316259.959	13509431.7
	1643	2.9	2/7/24	2	1.9	316260.292	13509429.75