

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130513	1301 B2	B2	N	43%	0930		MFO	
	1301 B2	B2	E	29%				
	1301 B2	B2	S	42%				
	1301 B2	B2	W	35%				
	1301 B4	B4	N	24%				
	1301 B4	B4	E	25%				
	1301 B4	B4	S	22%				
	1301 B4	B4	W	19%				
	1301 C4	C4	N	33%				
	1301 C4	C4	E	26%				into sun
	1301 C4	C4	S	22%				
	1301 C4	C4	W	28%				
	1301 C2	C2	N	43%				
	1301 C2	C2	E	50%				
	1301 C2	C2	S	31%				
	1301 C2	C2	W	26%				

Weather  
Station  
Location

N 43%  
E 32%  
S 20%  
W 23%

F only  
SW to NW dir  
at 10 m mark

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130513	1302 B2	B2	N	18%	1700		MFO	
	1302 B2	B2	E	17%				
	1302 B2	B2	S	13%				
	1302 B2	B2	W	12%				
	1302 B4	B4	N	25%				
	1302 B4	B4	E	22%				
	1302 B4	B4	S	21%				
	1302 B4	B4	W	20%				
	1302 C4	C4	N	30%				
	1302 C4	C4	E	36%				
	1302 C4	C4	S	15%				
	1302 C4	C4	W	25%				
	1302 C2	C2	N	8%				
	1302 C2	C2	E	24%				
	1302 C2	C2	S	24%				
	1302 C2	C2	W	17%				

Weather Station  
Location

N 16%  
E 22%  
S 16%  
W 15%

NW to NE Dir  
at 15 m mark  
F + S + H

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130514	1305 B2	B2	N	160	1930	1945	MTD	
	1305 B2	B2	E	150				
	1305 B2	B2	S	210				
	1305 B2	B2	W	90				
	1305 B4	B4	N	140				
	1305 B4	B4	E	130				
	1305 B4	B4	S	150				
	1305 B4	B4	W	140				
	1305 C4	C4	N	450				
	1305 C4	C4	E	320				
	1305 C4	C4	S	120				
	1305 C4	C4	W	210				
	1305 C2	C2	N	350				
	1305 C2	C2	E	340				
	1305 C2	C2	S	260				
	1305 C2	C2	W	190				

Weather  
Station  
location  
→ David  
x get data  
needed at  
this time

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130514	1306 B2	B2	N	100	1245	1300	MTD	
	1306 B2	B2	E	110				
	1306 B2	B2	S	150				
	1306 B2	B2	W	100				
	1306 B4	B4	N	220				
	1306 B4	B4	E	140				
	1306 B4	B4	S	130				
	1306 B4	B4	W	240				Nearest sun
	1306 C4	C4	N	330				
	1306 C4	C4	E	200				
	1306 C4	C4	S	160				
	1306 C4	C4	W	180				
	1306 C2	C2	N	240				
	1306 C2	C2	E	170				
	1306 C2	C2	S	310				
	1306 C2	C2	W	170				

Weather  
Station  
location  
David  
x get data  
needed at  
this time  
280  
170  
150  
150  
SW to NW  
line at 15m  
E only

Plot 1316

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
7/13/05	1309 B2	N		4C	0953	1010	MEC	
	1309 B2	E		39C				
	1309 B2	S		21C				
	1309 B2	W		16C				
	1309 B4	N		17C				
	1309 B4	E		20C				
	1309 B4	S		49C				
	1309 B4	W		39C				
	1309 C4	N		32C				
	1309 C4	E		21C				
	1309 C4	S		22C				
	1309 C4	W		46C				
	1309 C2	N		17C				
	1309 C2	E		59C				
	1309 C2	S		36C				
	1309 C2	W		31C				

Plot 1309

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
7/13/05	1310 B2	N		60C	1115	1135	MEC	
	1310 B2	E		70C				
	1310 B2	S		16C				
	1310 B2	W		70C				
	1310 B4	N		13C				
	1310 B4	E		77C				
	1310 B4	S		13C				
	1310 B4	W		11C				
	1310 C4	N		72C				
	1310 C4	E		73C				
	1310 C4	S		10C				
	1310 C4	W		18C				
	1310 C2	N		21C				
	1310 C2	E		75C				
	1310 C2	S		35C				
	1310 C2	W		74C				

Mealy's Station  
Location

N 11C  
E 12C  
S 7C  
W 20C

mean = 14

→ Mean 90°  
= 60° 27°

N 60C  
W 125W

E 45

Mealy's Station  
Location

N 70C  
E 27C  
S 20C  
W 24C

N 80C  
W 100C  
S 100C



DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130515	1317 B2	B2	N	21 Ø	1330		MFO	
	1317 B2	B2	E	15 Ø				
	1317 B2	B2	S	22 Ø				
	1317 B2	B2	W	16 Ø				
	1317 B4	B4	N	22 Ø				
	1317 B4	B4	E	20 Ø				
	1317 B4	B4	S	28 Ø				
	1317 B4	B4	W	22 Ø				directly facing sun
	1317 C4	C4	N	28 Ø				
	1317 C4	C4	E	25 Ø				
	1317 C4	C4	S	40 Ø				
	1317 C4	C4	W	29 Ø				
	1317 C2	C2	N	22 Ø				
	1317 C2	C2	E	14 Ø				
	1317 C2	C2	S	14 Ø				
	1317 C2	C2	W	16 Ø				

Weather-  
Station Location  
N 16 Ø  
E 13 Ø  
S 13 Ø  
W 22 Ø  
SW to NW line  
at 15 m mark  
F + H + S 1

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130511	1318 B2	B2	N	23 Ø	1420	1450	MFO	
	1318 B2	B2	E	26 Ø				
	1318 B2	B2	S	25 Ø				
	1318 B2	B2	W	36 Ø				
	1318 B4	B4	N	43 C				
	1318 B4	B4	E	25 Ø				
	1318 B4	B4	S	23 Ø				
	1318 B4	B4	W	26 Ø				
	1318 C4	C4	N	17 Ø				
	1318 C4	C4	E	14 Ø				
	1318 C4	C4	S	12 Ø				
	1318 C4	C4	W	17 Ø				
	1318 C2	C2	N	10 Ø				
	1318 C2	C2	E	25 C				
	1318 C2	C2	S	<del>35 Ø</del> 35 C				
	1318 C2	C2	W	35 Ø				

Weather  
Station Location  
N 22 Ø  
E 16 Ø  
S 21 Ø  
W 39 Ø  
NW to NE  
line ~ 17 m  
mark  
F only

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130513	1321	B2	N	42 C	1455		MFO	
	1321	B2	E	23 Ø				
	1321	B2	S	28 Ø				
	1321	B2	W	29 Ø				
	1321	B4	N	31 Ø				
	1321	B4	E	24 Ø				
	1321	B4	S	17 Ø				
	1321	B4	W	18 Ø				
	1321	C4	N	<del>18 Ø</del> 24 Ø				
	1321	C4	E	<del>24 Ø</del> 24 Ø				
	1321	C4	S	21 Ø				
	1321	C4	W	23 Ø				
	1321	C2	N	30 Ø				
	1321	C2	E	29 Ø				
	1321	C2	S	13 Ø				
	1321	C2	W	34 Ø				looking directly into sun

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130513	1322	B2	N	<del>18 Ø</del> 18 Ø	1630		MFO	
	1322	B2	E	36 Ø				
	1322	B2	S	13 Ø				
	1322	B2	W	21 Ø				
	1322	B4	N	42 C				
	1322	B4	E	40 C				
	1322	B4	S	24 Ø				
	1322	B4	W	28 Ø				
	1322	C4	N	36 C				
	1322	C4	E	27 Ø				
	1322	C4	S	32 Ø				
	1322	C4	W	30 Ø				
	1322	C2	N	30 C				
	1322	C2	E	32 C				
	1322	C2	S	10 Ø				
	1322	C2	W	20 Ø				

Weather  
Station  
Location

N 39 C  
E 35 Ø  
S 16 Ø  
W 36 Ø

F only  
→ no t-post, fence  
chopped off  
~~1322 C4~~

S to NW  
2.2 at 15m

Weather Station  
Location

N 42 C  
E 25 Ø  
S 30 Ø  
W 27 Ø

F only  
→ no t-posts  
NW to NE  
at 16 m  
in oak

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130514	1325	B2	N	41φ	1100		MFO	
	1325	B2	E	32φ				
	1325	B2	S	32φ				
	1325	B2	W	27φ				
	1325	B4	N	33φ				
	1325	B4	E	29φ				
	1325	B4	S	31φ				
	1325	B4	W	26φ				
	1325	C4	N	18C				
	1325	C4	E	23C				Direct sun
	1325	C4	S	32C				
	1325	C4	W	15C				
	1325	C2	N	48C				
	1325	C2	E	38C				Direct sun
	1325	C2	S	24φ				
	1325	C2	W	36φ				

Weather Station  
Location  
N 23φ  
E 31φ  
S 26φ  
W 28φ  
SW to SE line  
at 15 m mark  
F+S+H

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130514	1326	B2	N	10φ	0905		HFD	
	1326	B2	E	11φ				
	1326	B2	S	10φ				
	1326	B2	W	8φ				
	1326	B4	N	15φ				
	1326	B4	E	11φ				
	1326	B4	S	16φ				
	1326	B4	W	9φ				
	1326	C4	N	10φ				
	1326	C4	E	9φ				
	1326	C4	S	8φ				
	1326	C4	W	13φ				
	1326	C2	N	9φ				
	1326	C2	E	13φ				
	1326	C2	S	11φ				
	1326	C2	W	10φ				

Weather Station  
Location  
N 10φ  
E 10φ  
S 8φ  
W 9φ  
SW to NW  
line at 13 m  
mark  
F+S+H

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
	1329	B2	N					
	1329	B2	E					
	1329	B2	S					
	1329	B2	W					
	1329	B4	N					
	1329	B4	E					
	1329	B4	S					
	1329	B4	W					
	1329	C4	N					
	1329	C4	E					
	1329	C4	S					
	1329	C4	W					
	1329	C2	N					
	1329	C2	E					
	1329	C2	S					
	1329	C2	W					

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130511	1330	B2	N	15 Ø	1600	1617	MFO	
	1330	B2	E	15 Ø				
	1330	B2	S	13 Ø				
	1330	B2	W	14 Ø				
	1330	B4	N	18 Ø				
	1330	B4	E	8 Ø				
	1330	B4	S	7 Ø				
	1330	B4	W	15 Ø				
	1330	C4	N	6 Ø				
	1330	C4	E	5 Ø				
	1330	C4	S	5 Ø				
	1330	C4	W	4 Ø				
	1330	C2	N	10 Ø				
	1330	C2	E	12 Ø				
	1330	C2	S	12 Ø				
	1330	C2	W	13 Ø				

Weather  
 Station  
 Location  
 NE 19 Ø  
 S 14 Ø  
 W 11



1335

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130511	1333	B2	N	28%	0745		MFO	
	1333	B2	E	16%				
	1333	B2	S	12%				
	1333	B2	W	14%				
	1333	B4	N	29%				
	1333	B4	E	33%				
	1333	B4	S	29%				
	1333	B4	W	32%				
	1333	C4	N	20%				
	1333	C4	E	20%				
	1333	C4	S	15%				
	1333	C4	W	21%				
	1333	C2	N	15%				
	1333	C2	E	10%				
	1333	C2	S	8%				
	1333	C2	W	12%				

Weather  
Station location  
N 26°  
E 13°  
S 13°  
W 16°  
SW to NW line  
at 16m mark  
F+S+H

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130511	1334	B2	N	25%	1310		MFO	
	1334	B2	E	14%				
	1334	B2	S	37%				
	1334	B2	W	50%				
	1334	B4	N	49%				
	1334	B4	E	17%				
	1334	B4	S	24%				
	1334	B4	W	21%				
	1334	C4	N	35%				
	1334	C4	E	46%				
	1334	C4	S	27%				
	1334	C4	W	24%				
	1334	C2	N	12%				
	1334	C2	E	23%				
	1334	C2	S	39%				
	1334	C2	W	37%				

Weather station  
location  
N 32°  
E 41°  
S 41°  
W 53°  
SW to NW  
line at 15m  
mark

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130514	1337	B2	N	23%	1210	1225	MFO	
	1337	B2	E	11%				
	1337	B2	S	10%				
	1337	B2	W	54%				
	1337	B4	N	13%				
	1337	B4	E	15%				
	1337	B4	S	24%				
	1337	B4	W	37%				
	1337	C4	N	11%				
	1337	C4	E	13%				
	1337	C4	S	12%				
	1337	C4	W	20%				
	1337	C2	N	13%				
	1337	C2	E	15%				
	1337	C2	S	12%				
	1337	C2	W	16%				Directly into sun

Weather Station Location  
 N 17%  
 E 7%  
 S 13% - into sun  
 W 18%  
 F+S+H  
 NW to NE line  
 at 12 m mark

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130513	1338	B2	N	35%	1550		MFO	
	1338	B2	E	9%				
	1338	B2	S	14%				
	1338	B2	W	18%				
	1338	B4	N	13%				
	1338	B4	E	13%				
	1338	B4	S	22%				
	1338	B4	W	16%				
	1338	C4	N	24%				
	1338	C4	E	27%				
	1338	C4	S	22%				
	1338	C4	W	45%				
	1338	C2	N	18%				
	1338	C2	E	14%				
	1338	C2	S	29%				
	1338	C2	W	19%				

Weather Station Location  
 N 31%  
 E 31%  
 S 39%  
 W 25%  
 F only  
 no t-posts  
 SW to NW  
 line at 16  
 m mark

1339

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130514	1341	B2	N	110	1820	1840	MEP	
	1341	B2	E	100				
	1341	B2	S	100				
	1341	B2	W	100				
	1341	B4	N	130				
	1341	B4	E	170				
	1341	B4	S	100				
	1341	B4	W	120				
	1341	C4	N	150				
	1341	C4	E	190				
	1341	C4	S	130				
	1341	C4	W	130				
	1341	C2	N	80				
	1341	C2	E	120				
	1341	C2	S	180				
	1341	C2	W	130				

Weather Station  
Location

N 170  
E 170  
S 120  
W 130

Only  
NW to NE  
line at 15m  
mark

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130514	1342	B2	N	180	1740	1755	MEP	
	1342	B2	E	150				
	1342	B2	S	140				
	1342	B2	W	190				
	1342	B4	N	190				
	1342	B4	E	140				
	1342	B4	S	110				
	1342	B4	W	170				
	1342	C4	N	180				
	1342	C4	E	200				
	1342	C4	S	170				
	1342	C4	W	170				
	1342	C2	N	200				
	1342	C2	E	170				
	1342	C2	S	150				
	1342	C2	W	180				

Weather  
Station  
Location

N 230  
E 160  
S 150  
W 160

SE to NE line  
at 15m mark  
Only

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130508	1345	B2	N	25 Ø	1300		MFO	open
	1345	B2	E	20 Ø				
	1345	B2	S	10 Ø				
	1345	B2	W	31 Ø				
	1345	B4	N	19 Ø				
	1345	B4	E	25 Ø				
	1345	B4	S	24 Ø				
	1345	B4	W	19 Ø				
	1345	C4	N	72 C				closed
	1345	C4	E	49 C				
	1345	C4	S	45 C				
	1345	C4	W	104 C				
	1345	C2	N	53 C				
	1345	C2	E	37 Ø				
	1345	C2	S	44 C				
	1345	C2	W	20 Ø				

weather station  
location  
N 37 Ø  
E 47 Ø  
S 37 Ø  
W 32

NE to SE line  
9 m from SE  
corner  
F+S

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130514	1346	B2	N	29 Ø	0955	1010	MFO	
	1346	B2	E	42 Ø				
	1346	B2	S	43 Ø				
	1346	B2	W	41 Ø				
	1346	B4	N	33 Ø				
	1346	B4	E	32 Ø				
	1346	B4	S	22 Ø				
	1346	B4	W	13 Ø				
	1346	C4	N	18 Ø				
	1346	C4	E	13 Ø				
	1346	C4	S	8 Ø				
	1346	C4	W	14 Ø				
	1346	C2	N	25 Ø				
	1346	C2	E	13 Ø				
	1346	C2	S	24 Ø				
	1346	C2	W	27 Ø				

weather  
station  
location  
N 28 Ø 43 Ø  
E 24 Ø 28 Ø  
S 26 Ø 24 Ø  
W 26 Ø  
NW to NE line

T<sub>op</sub> = 1350

1350

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130513	1349	B2	N	12%	1120	1140	MFO	
	1349	B2	E	12%				
	1349	B2	S	15%				
	1349	B2	W	14%				
	1349	B4	N	10%				
	1349	B4	E	12%				
	1349	B4	S	12%				
	1349	B4	W	6%				
	1349	C4	N	10%				
	1349	C4	E	8%				
	1349	C4	S	8%				
	1349	C4	W	9%				
	1349	C2	N	13%				
	1349	C2	E	15%				
	1349	C2	S	14%				
	1349	C2	W	12%				

1350

Weather  
Station  
Location  
N 19%  
E 8%  
S 14%  
W 21%  
SW to NW  
line at 15m  
mark  
F + H + S

DATE	PLOT	QUAD	DIR	CANOPY	START	END	USER	NOTES
20130513	1350	B2	N	15%	1145	1210	MFO	
	1350	B2	E	14%				
	1350	B2	S	16%				
	1350	B2	W	19%				
	1350	B4	N	14%				
	1350	B4	E	13%				
	1350	B4	S	17%				
	1350	B4	W	18%				
	1350	C4	N	15%				
	1350	C4	E	11%				
	1350	C4	S	7%				
	1350	C4	W	18%				
	1350	C2	N	42%				
	1350	C2	E	21%				
	1350	C2	S	16%				
	1350	C2	W	27%				

Weather  
Station  
Location  
N 25%  
E 21%  
S 29%  
W 24%  
SW to NW  
line at  
F + H + S

1348

Bottom =

1348