

SET A

SI-S12 Figs. Naled efficacy (mortality), MOUT 29 Oct.

Figure S1
 29 October 2013
 800I nozzles
 MOUT South
 1 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

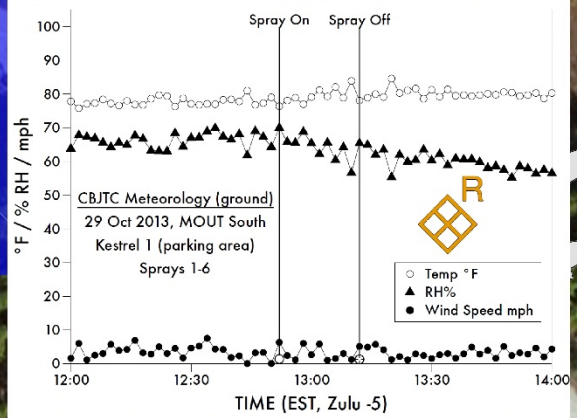
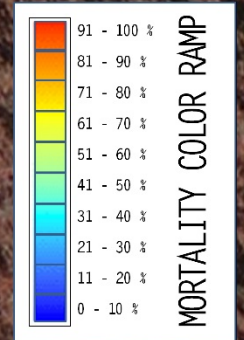
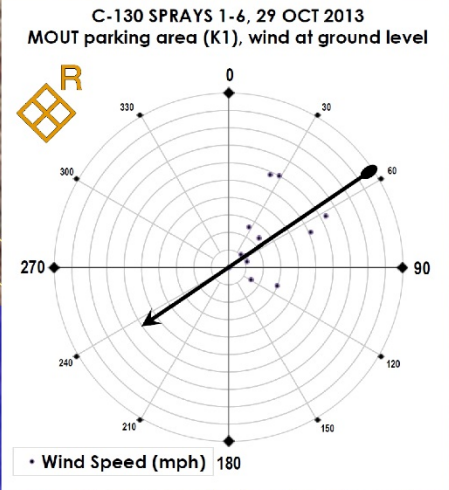


Figure S2
 29 October 2013
 800I nozzles
 MOUT South
 4 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

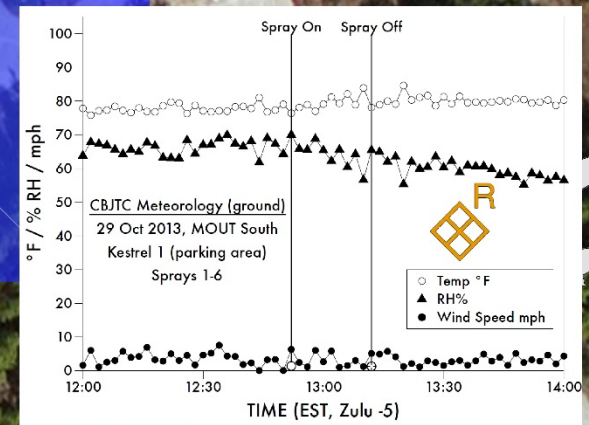
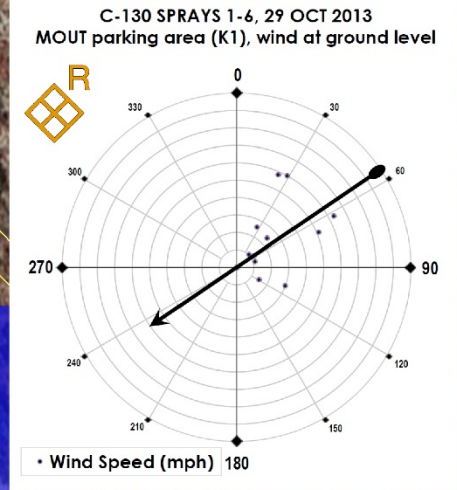
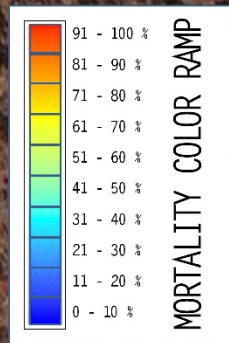
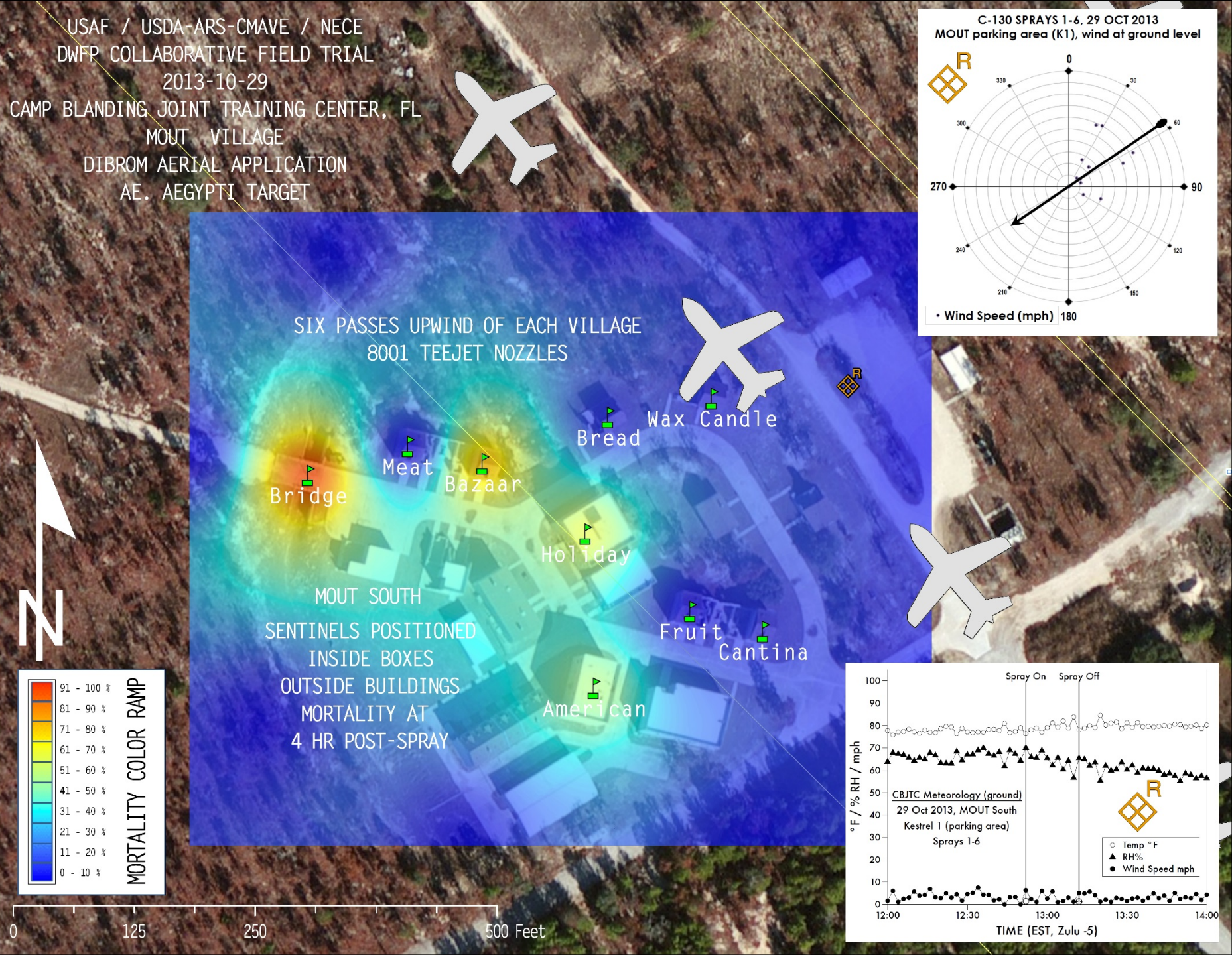


Figure S3
 29 October 2013
 8001 nozzles
 MOUT South
 12 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

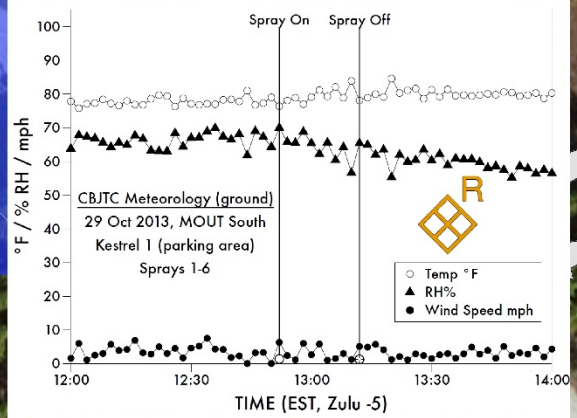
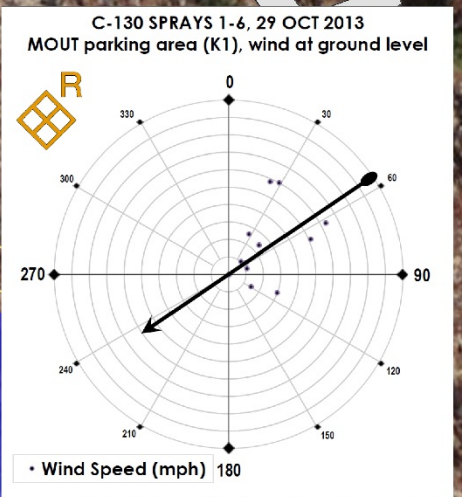
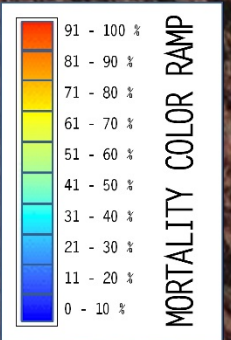
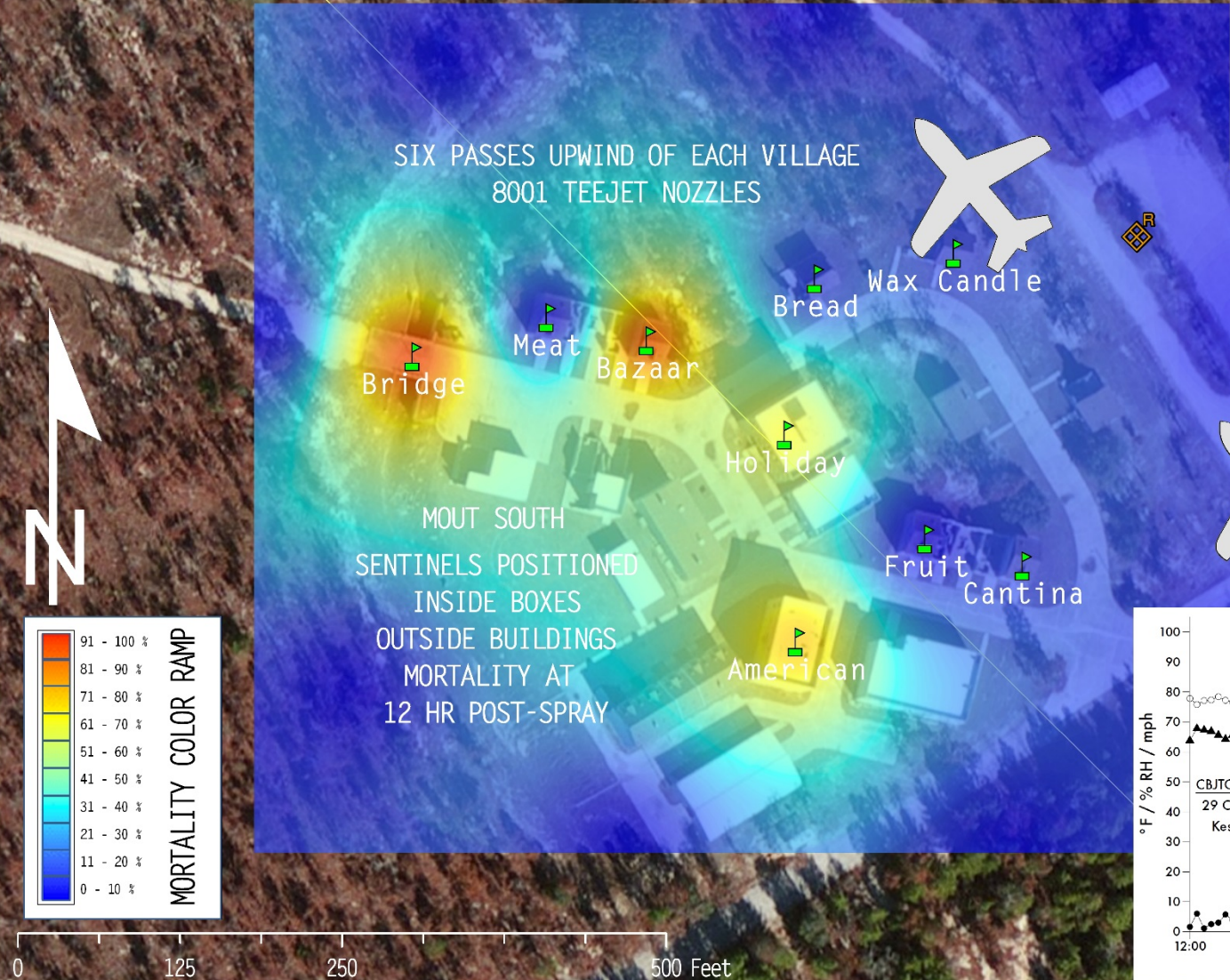


Figure S4
 29 October 2013
 800I nozzles
 MOUT South
 1 hr mortality
 Outdoors **ON POLE**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

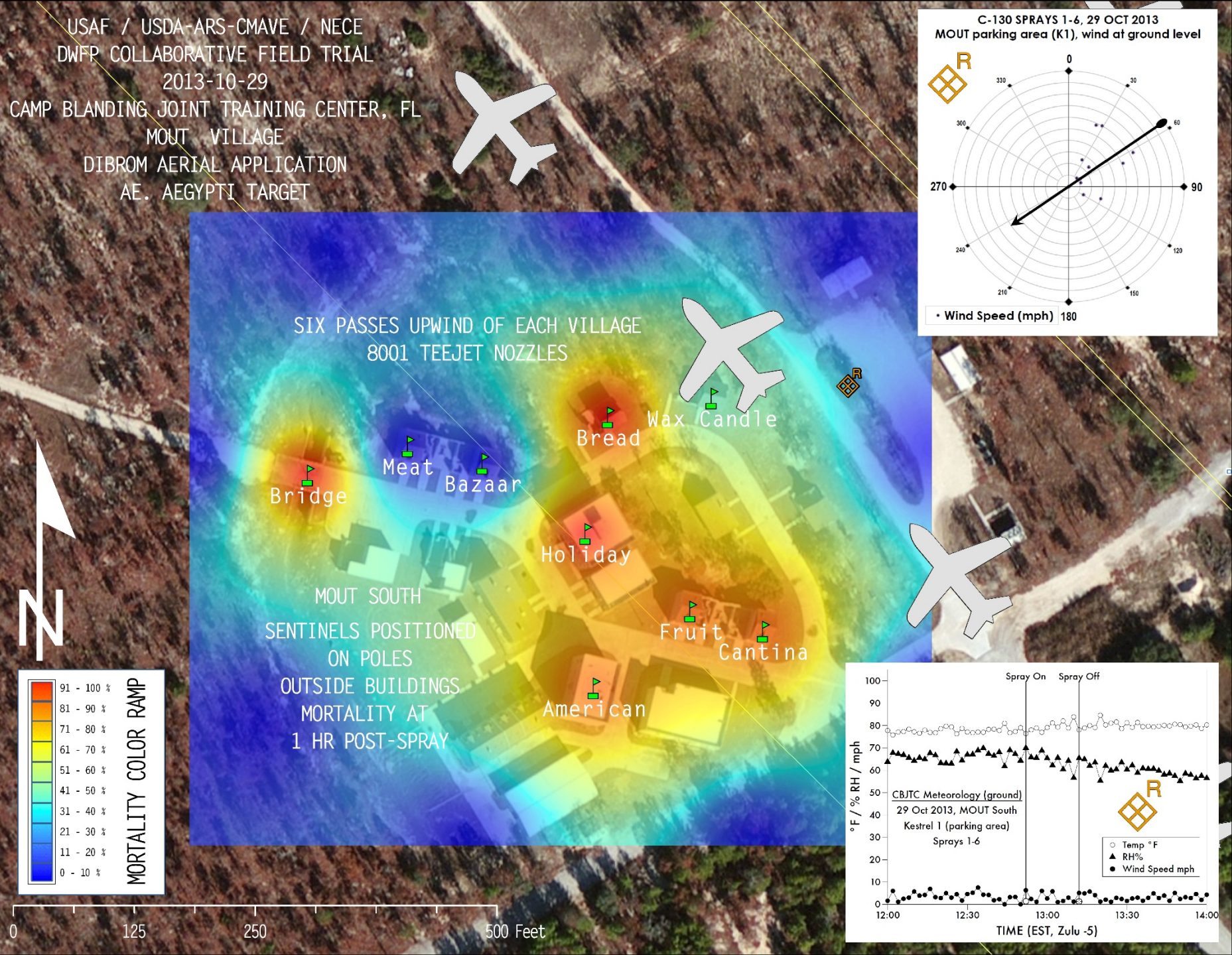


Figure S5
 29 October 2013
 800I nozzles
 MOUT South
 4 hr mortality
 Outdoors **ON POLE**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

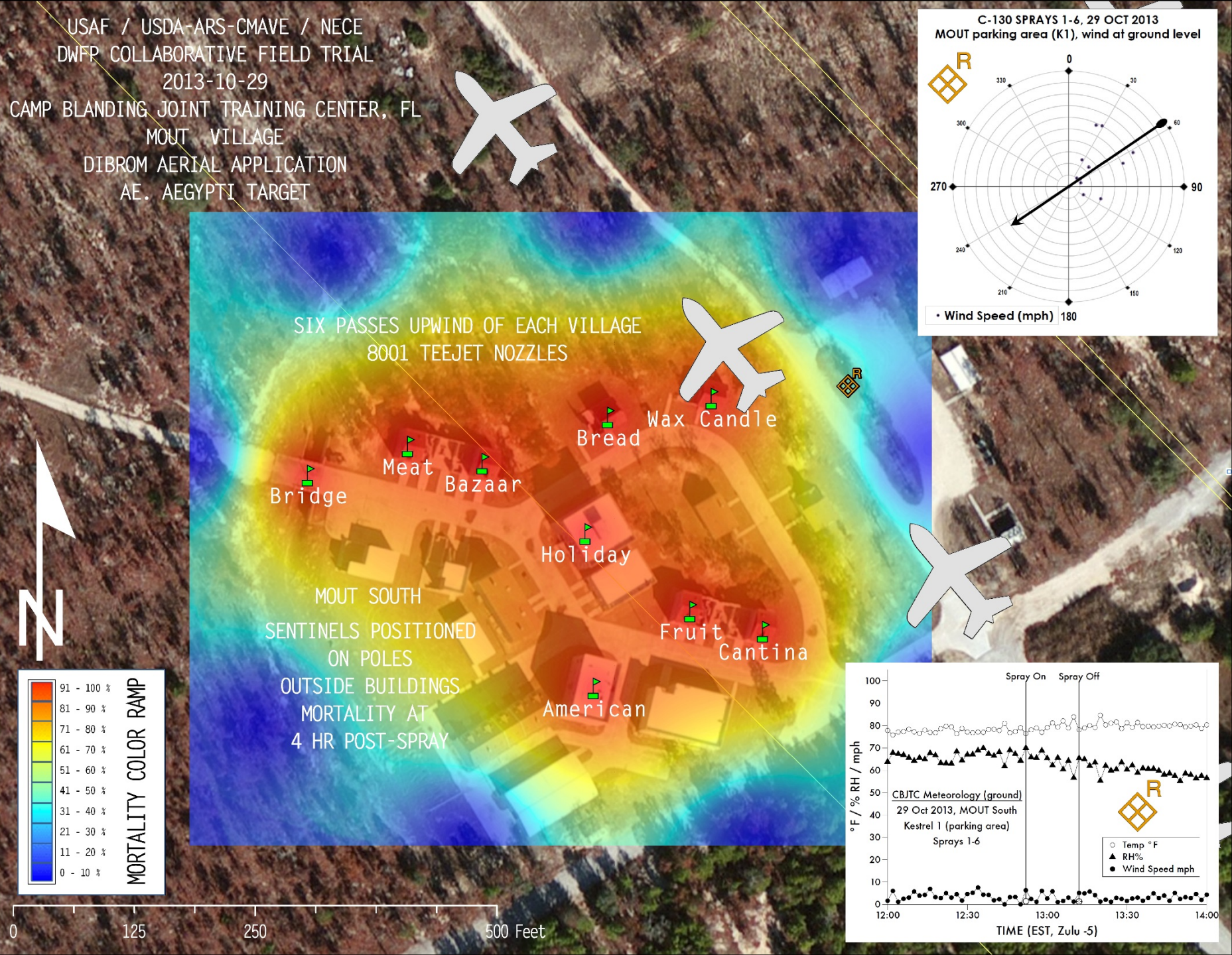


Figure S6
 29 October 2013
 8001 nozzles
 MOUT South
 12 hr mortality
 Outdoors **ON POLE**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

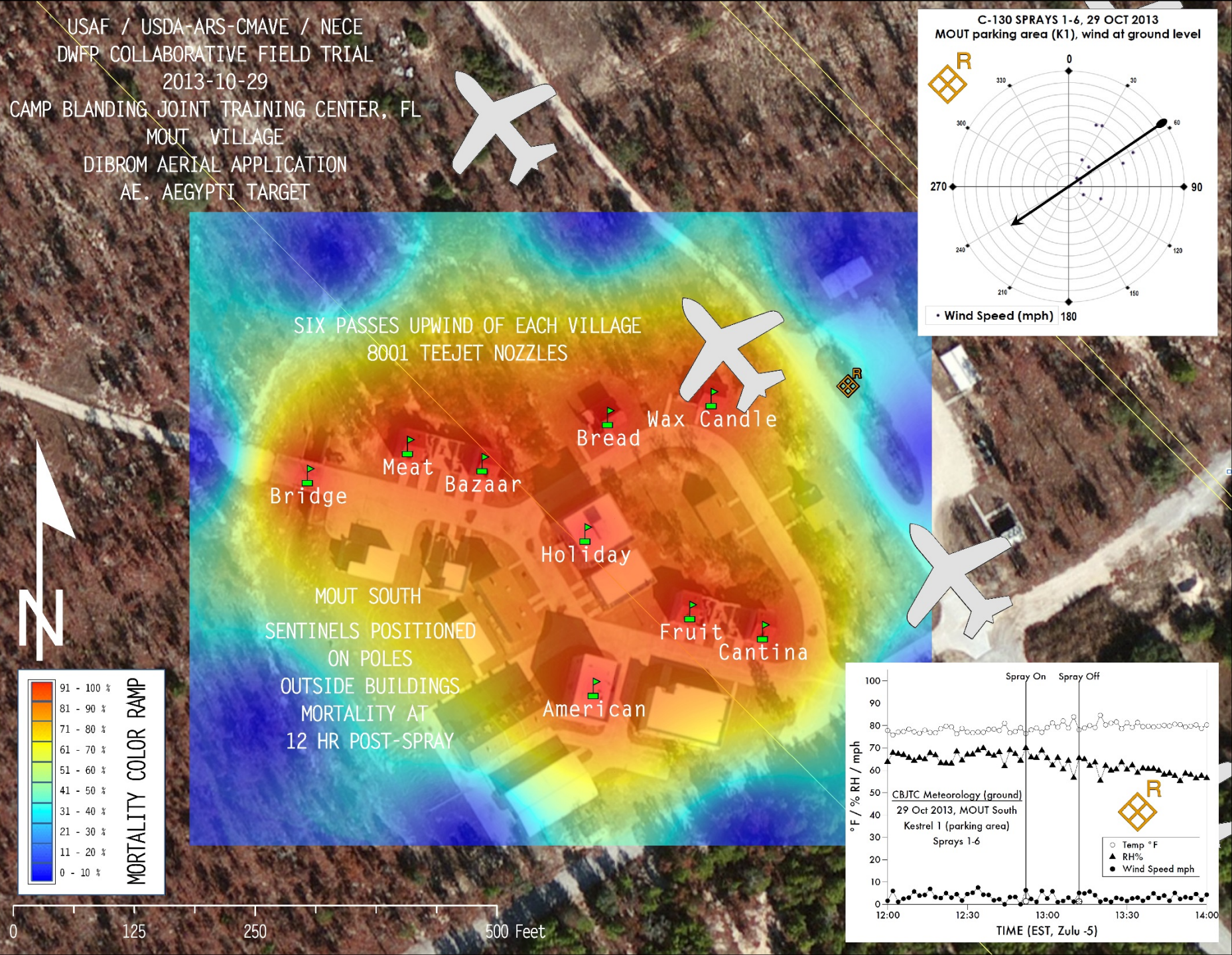


Figure S7
 29 October 2013
 800I nozzles
 MOUT South
 1 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

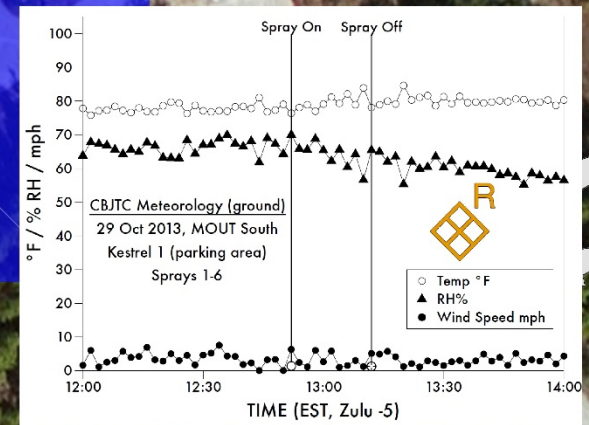
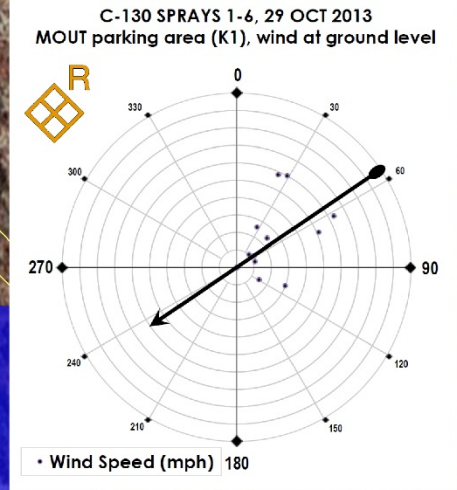
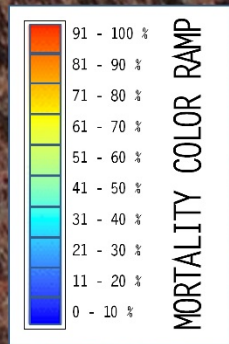
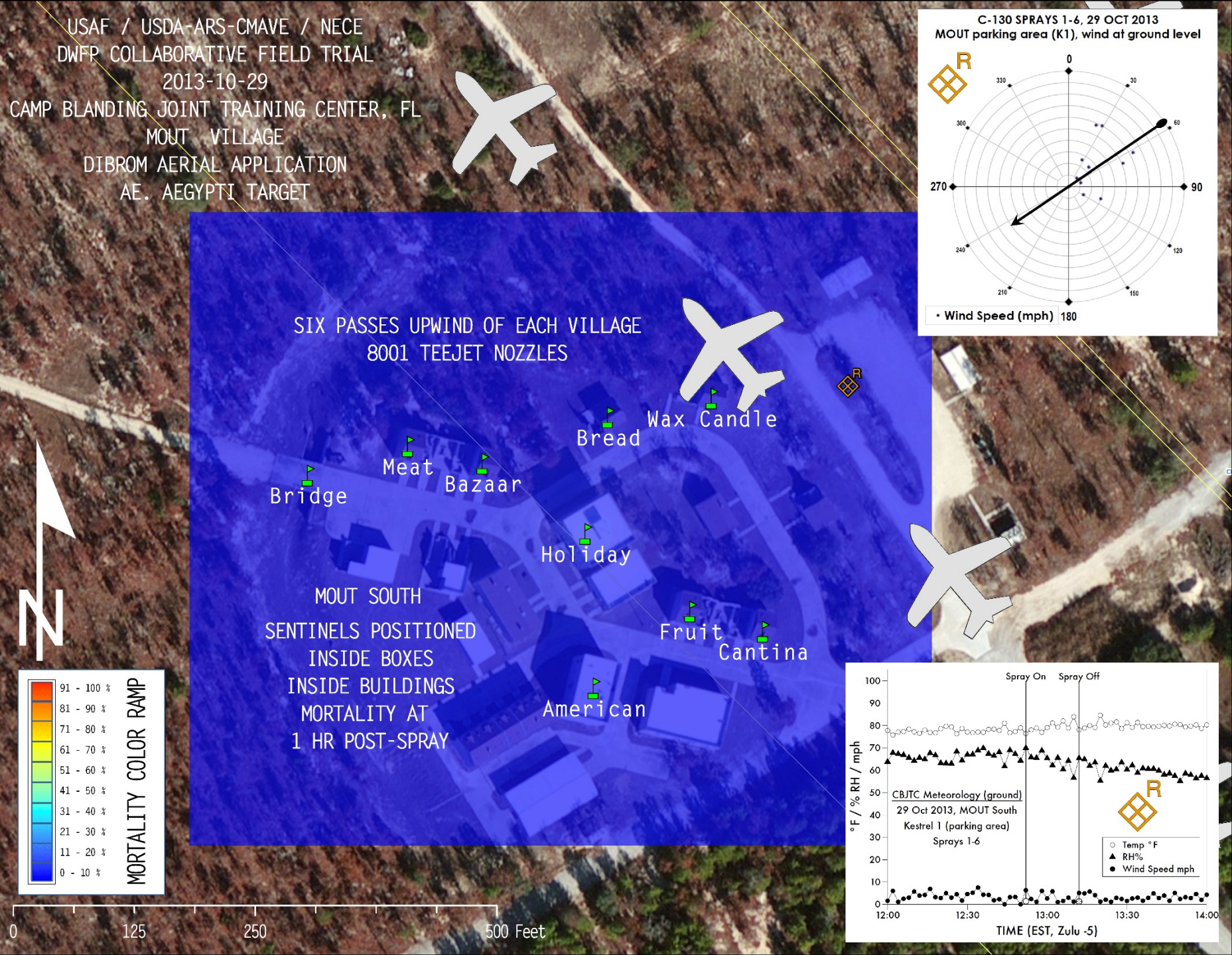


Figure S8
 29 October 2013
 800I nozzles
 MOUT South
 4 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

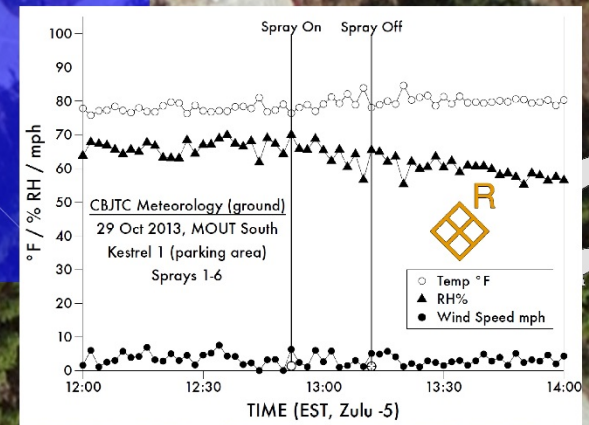
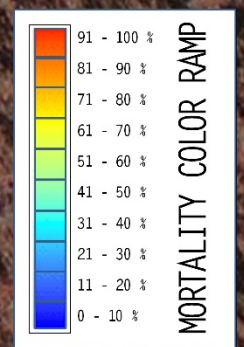
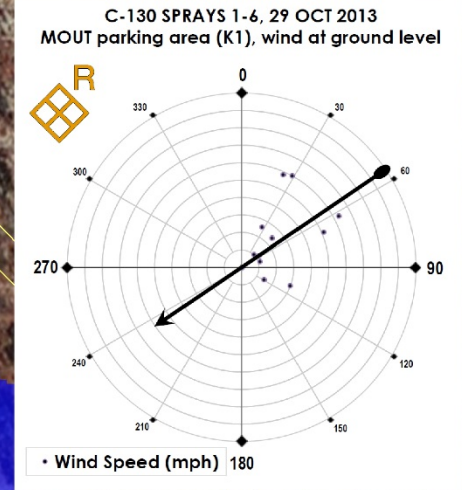
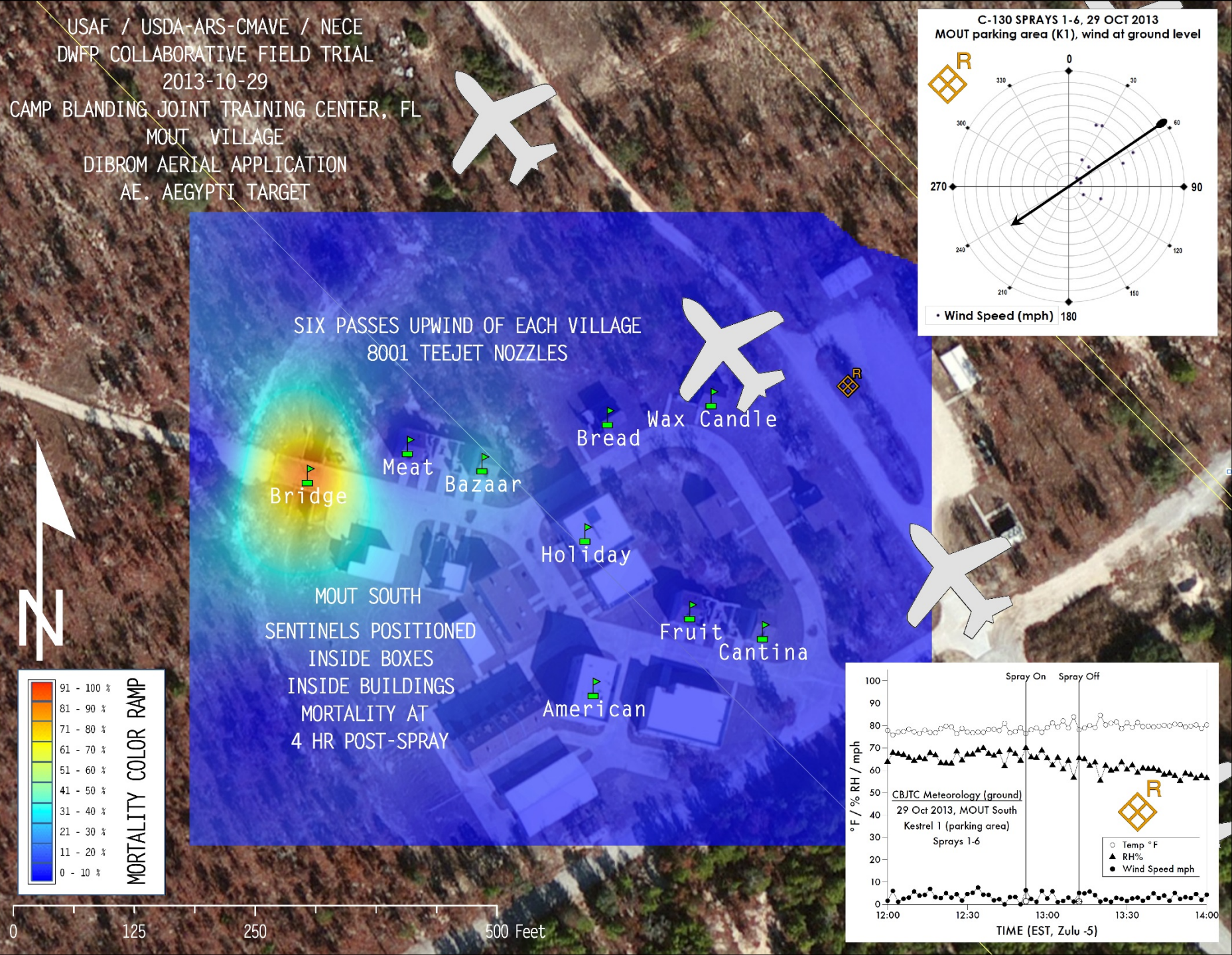


Figure S9
 29 October 2013
 800I nozzles
 MOUT South
 12 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

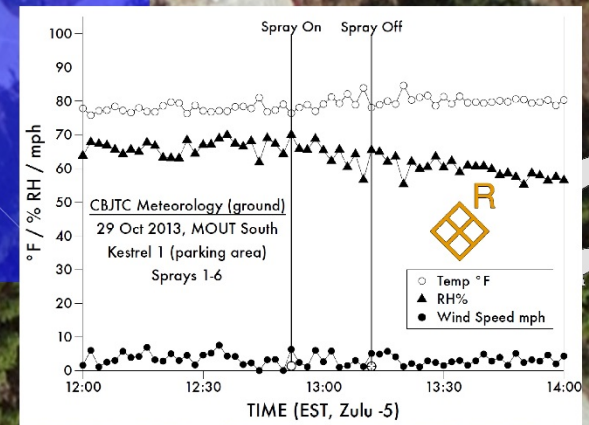
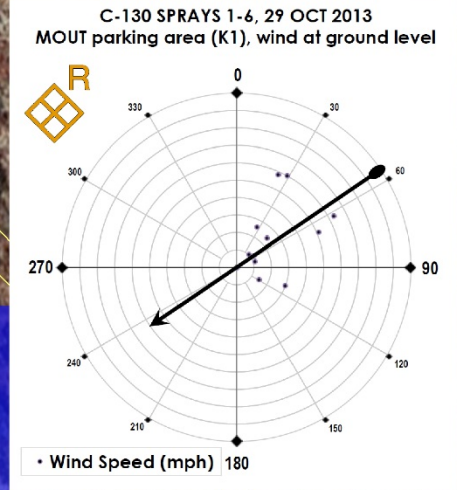
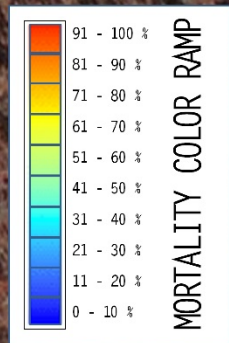
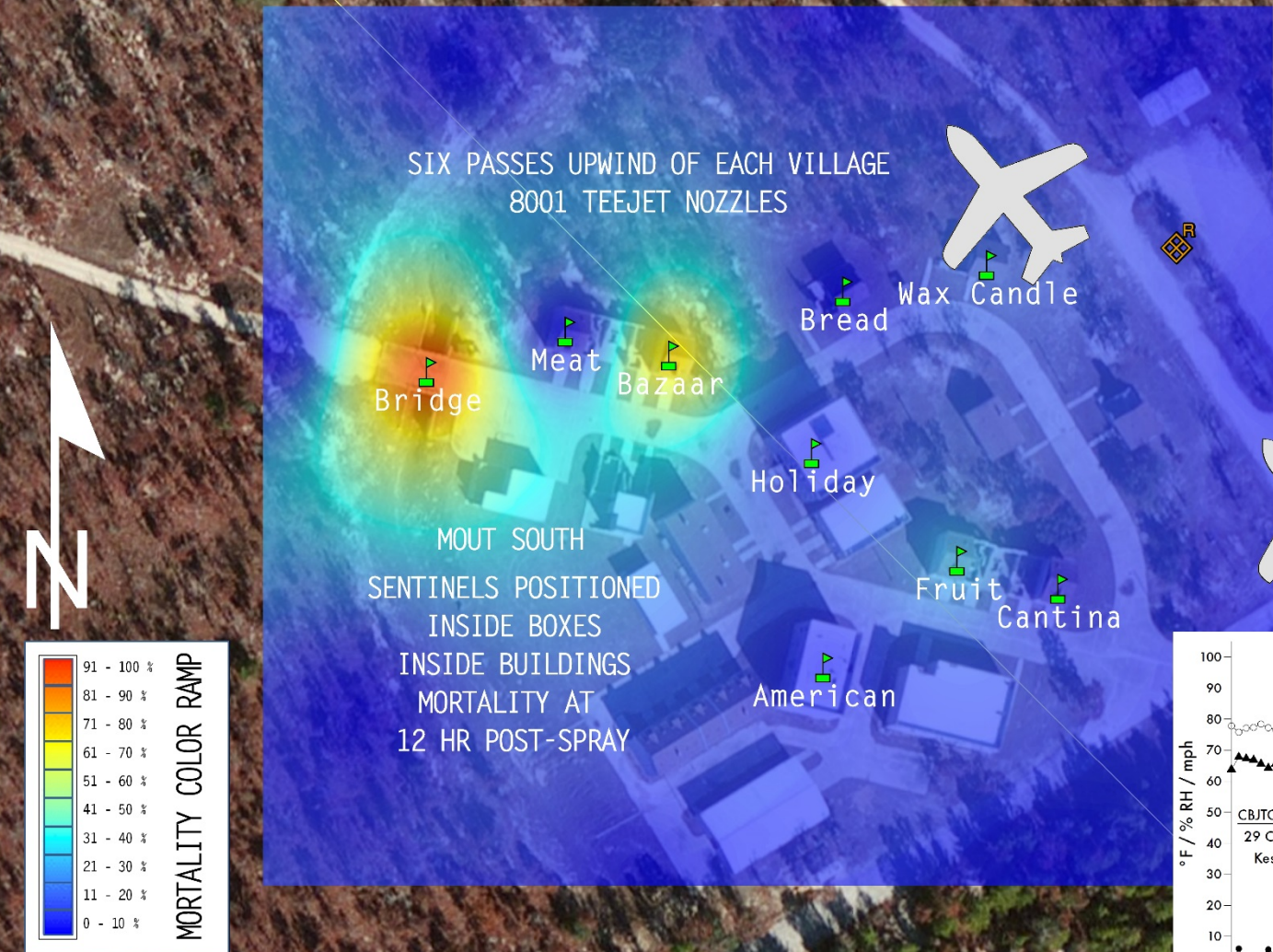


Figure S10
 29 October 2013
 800I nozzles
 MOUT South
 1 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

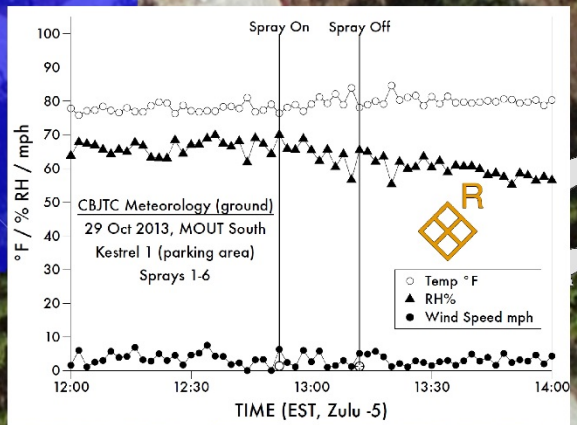
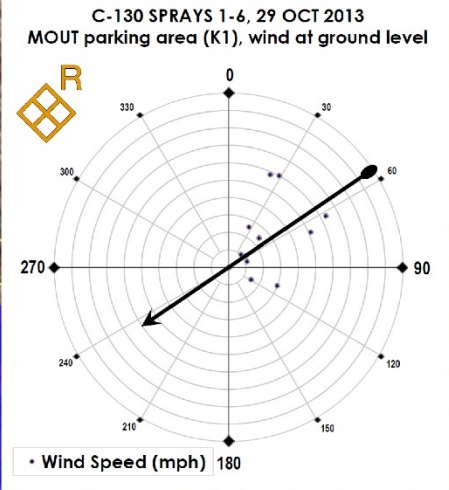
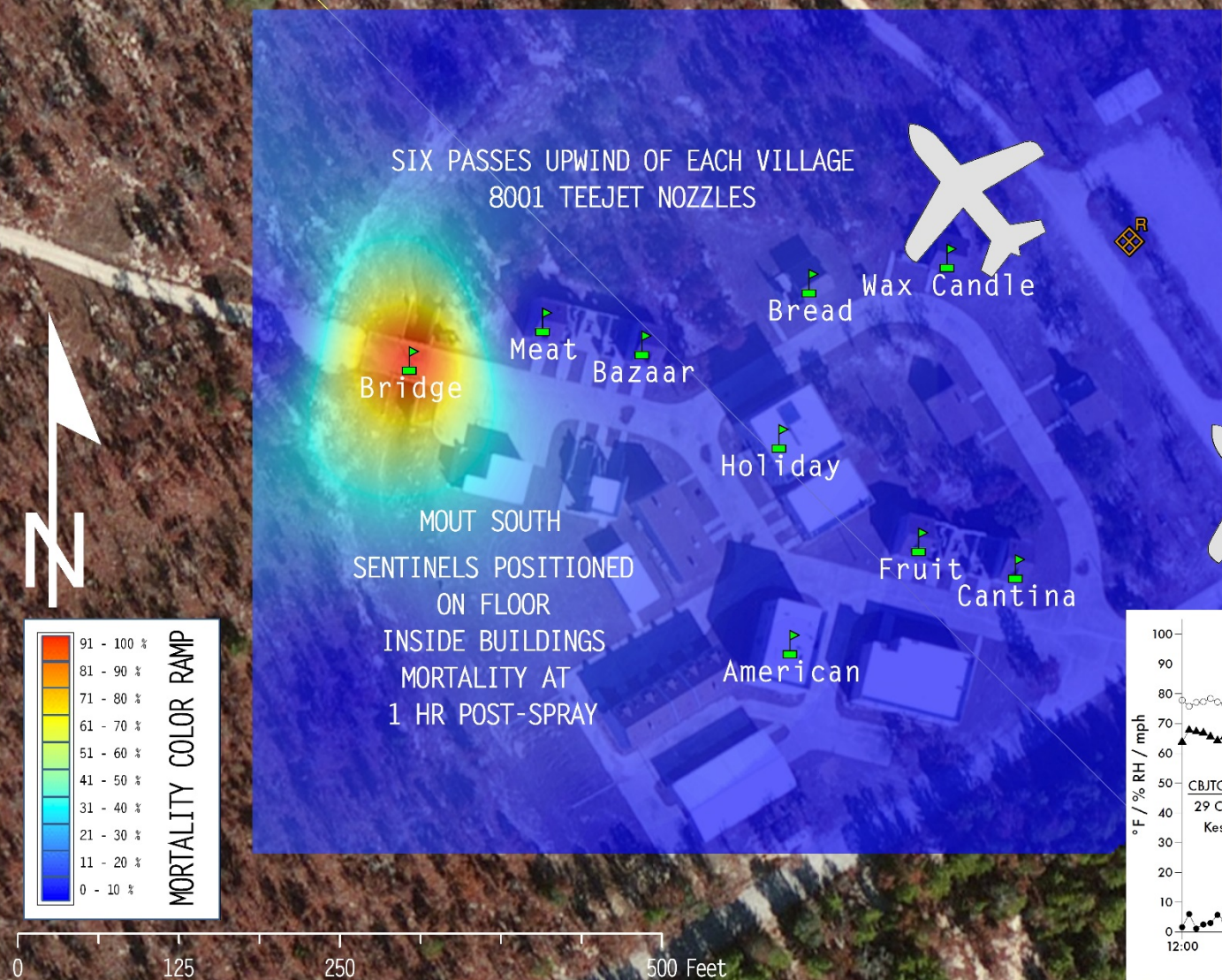


Figure S11
 29 October 2013
 8001 nozzles
 MOUT South
 4 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

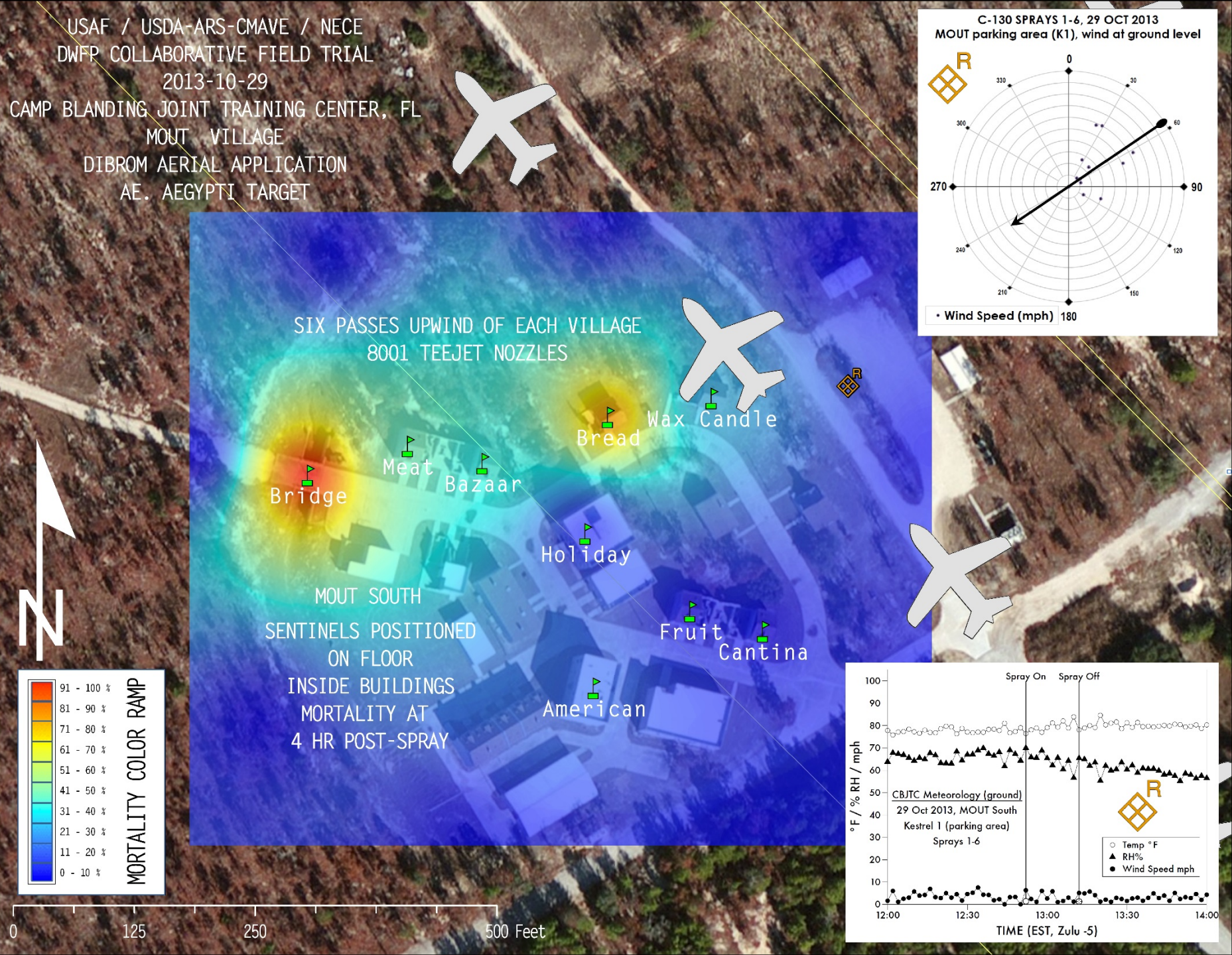
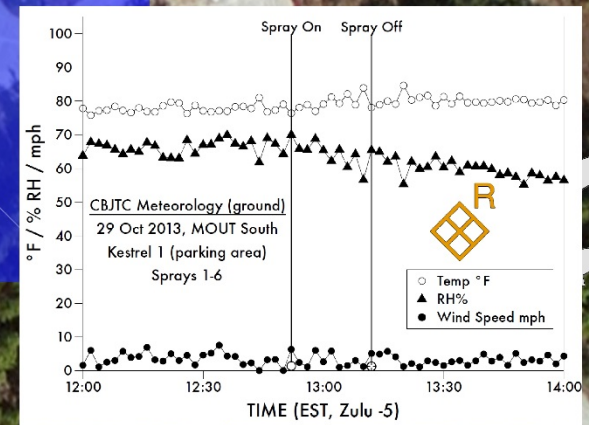
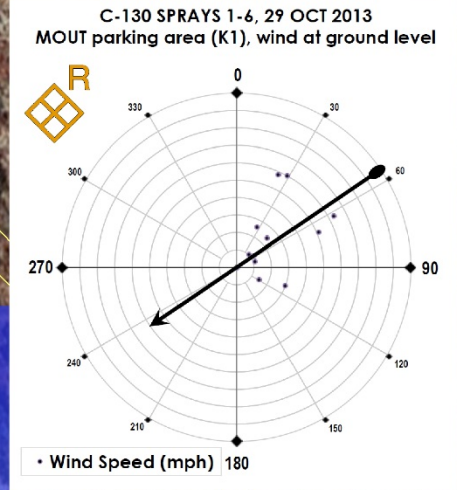
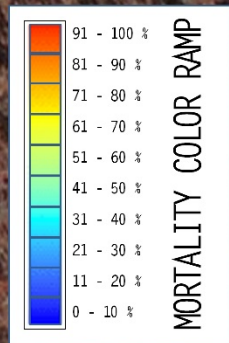
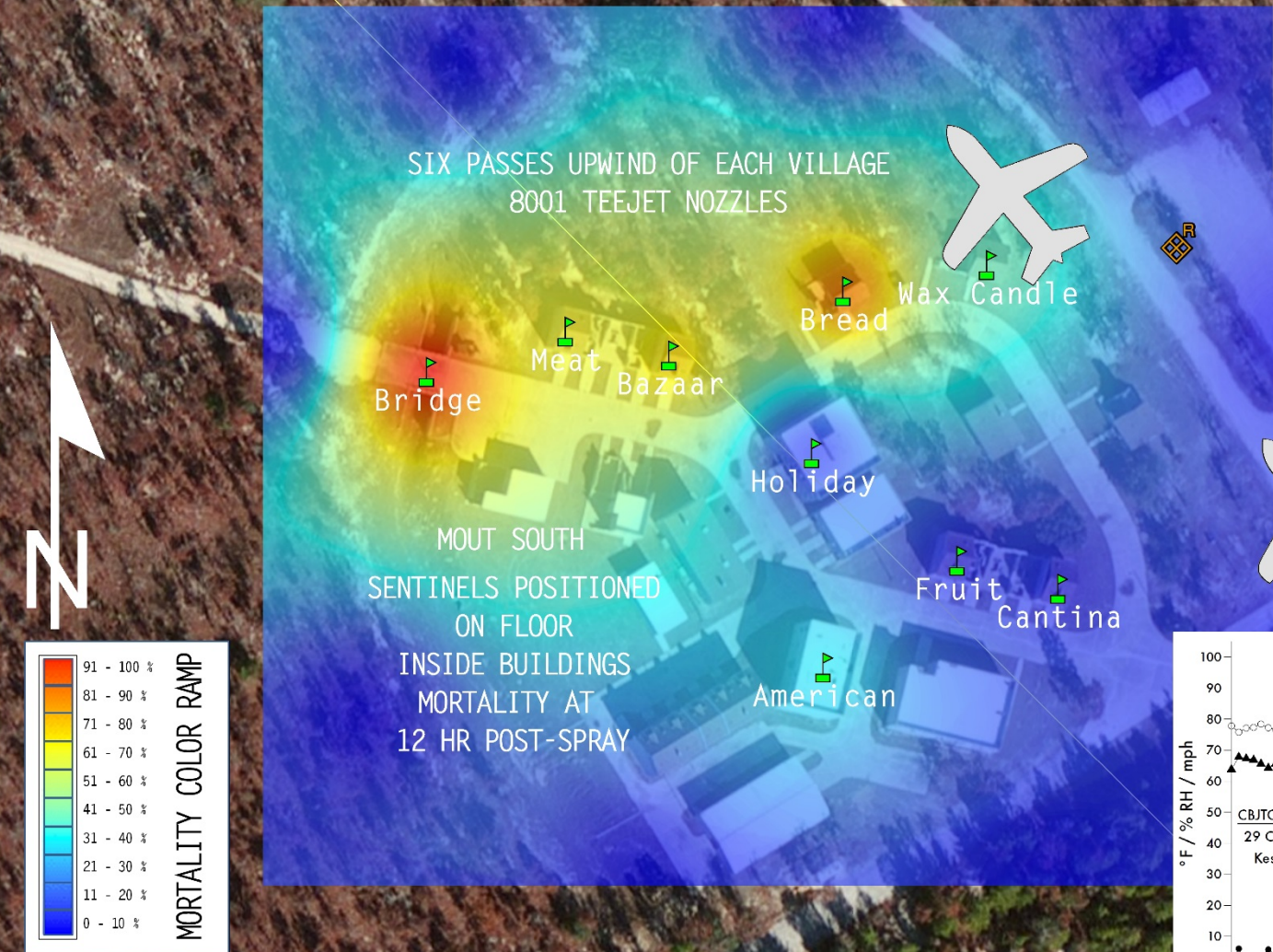


Figure S12
 29 October 2013
 8001 nozzles
 MOUT South
 12 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

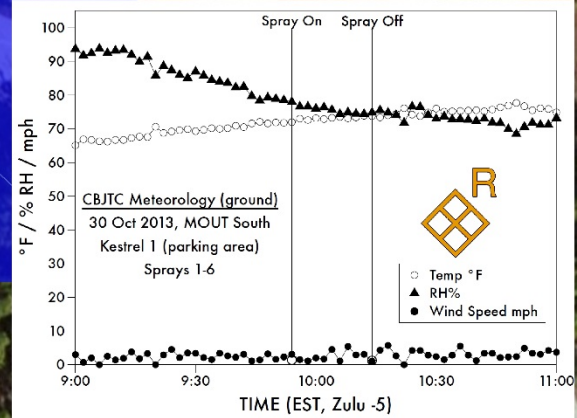
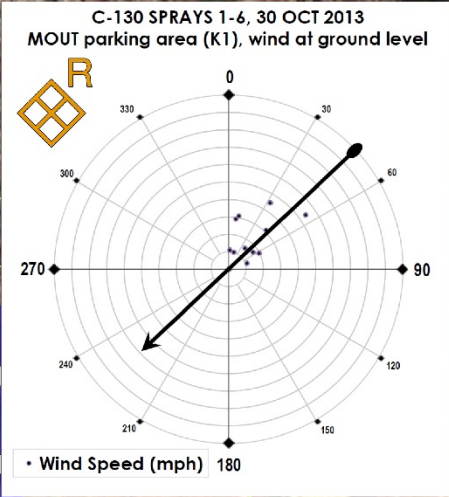
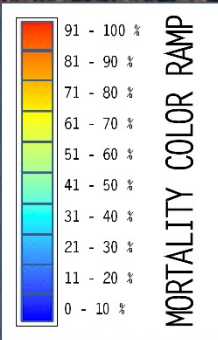
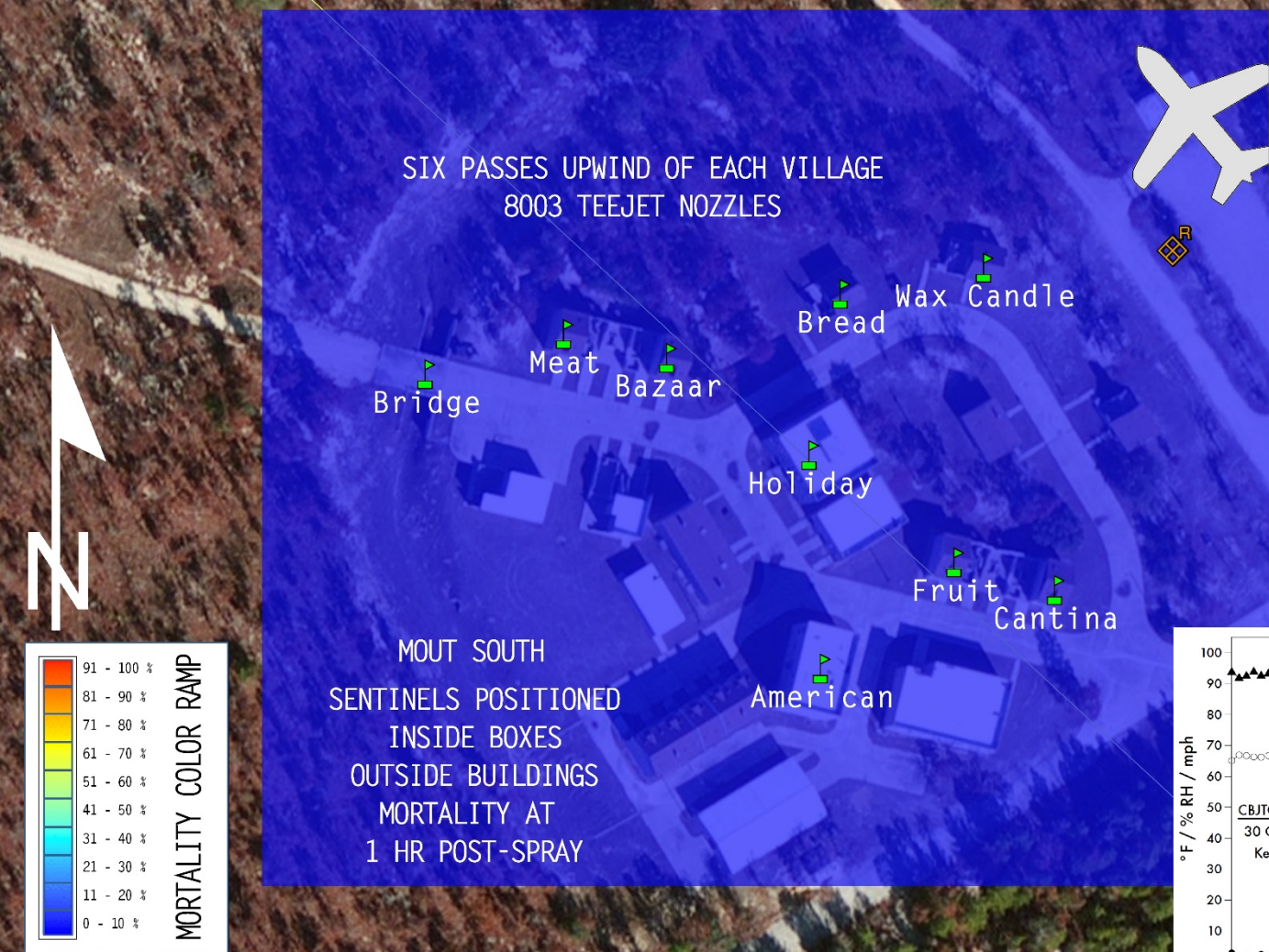


SET B

SI3–S24 Figs. Naled efficacy (mortality), MOUT 30 Oct.

Figure S13
 30 October 2013
 8003 nozzles
 MOUT South
 1 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET



USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

Figure S14
 30 October 2013
 8003 nozzles
 MOUT South
 4 hr mortality
 Outdoors **IN BOX**

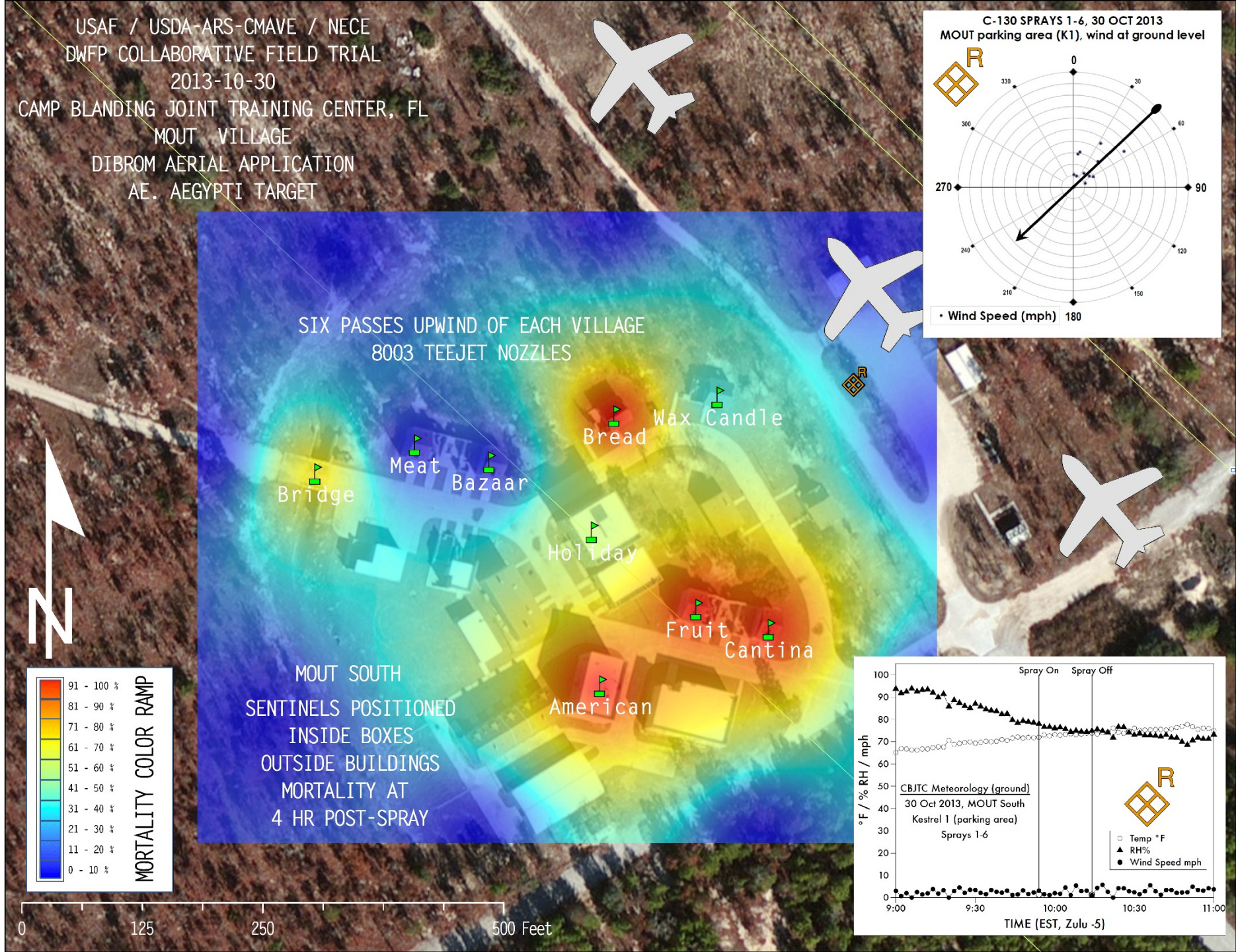


Figure S15
 30 October 2013
 8003 nozzles
 MOUT South
 12 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

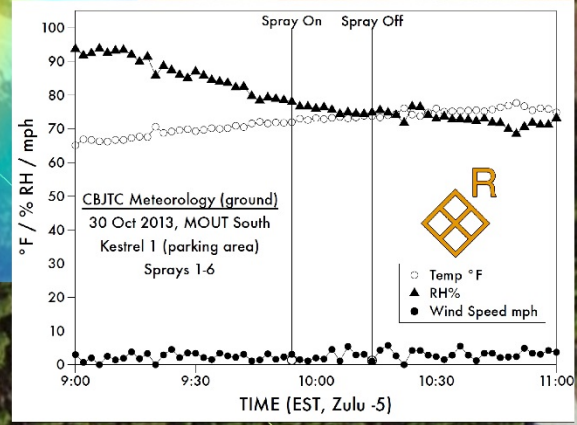
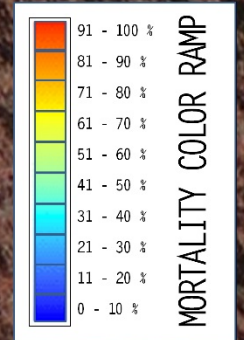
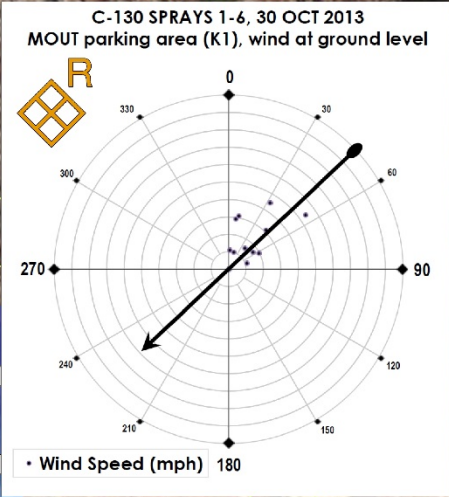
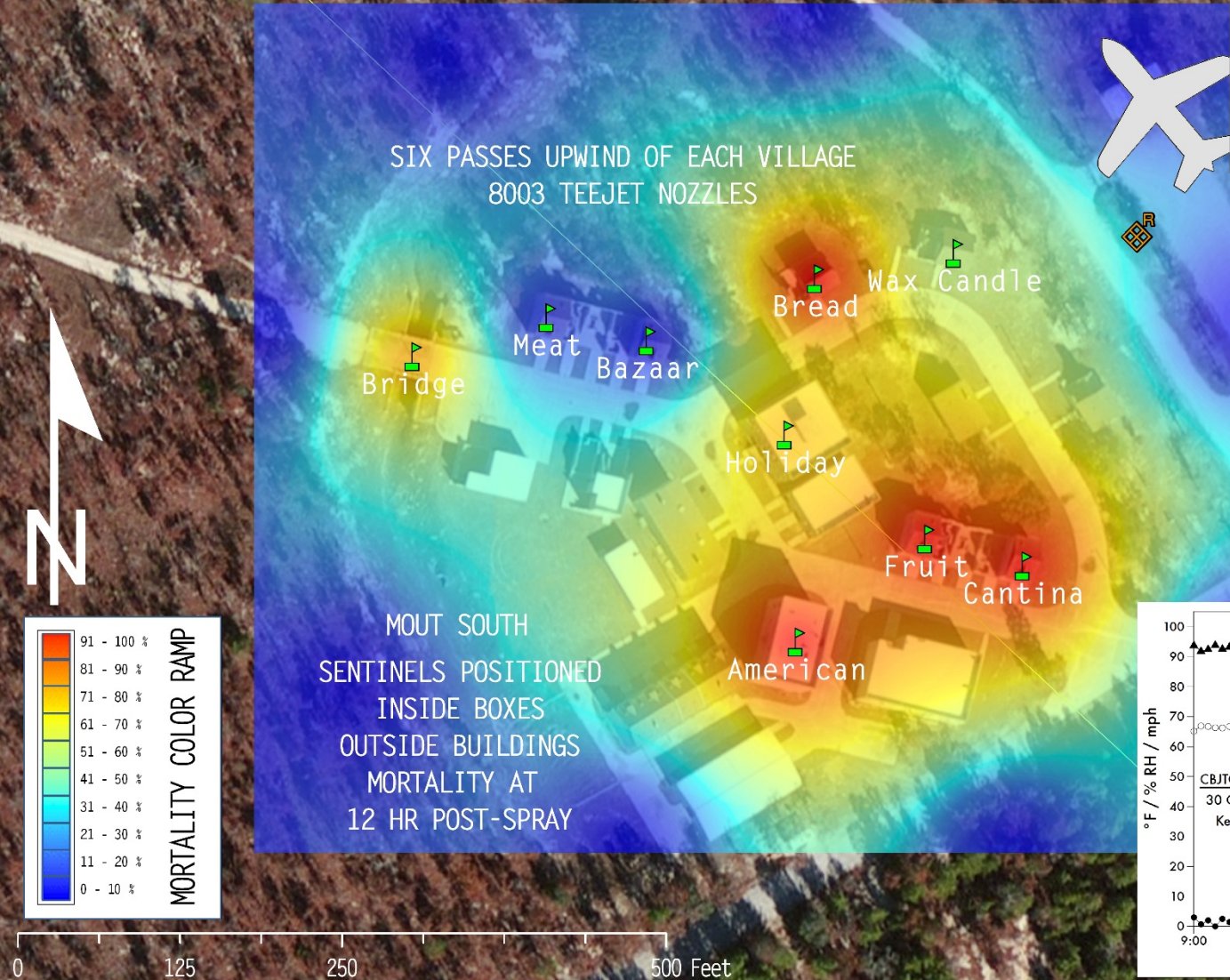


Figure S16
 30 October 2013
 8003 nozzles
 MOUT South
 1 hr mortality
 Outdoors **ON POLE**

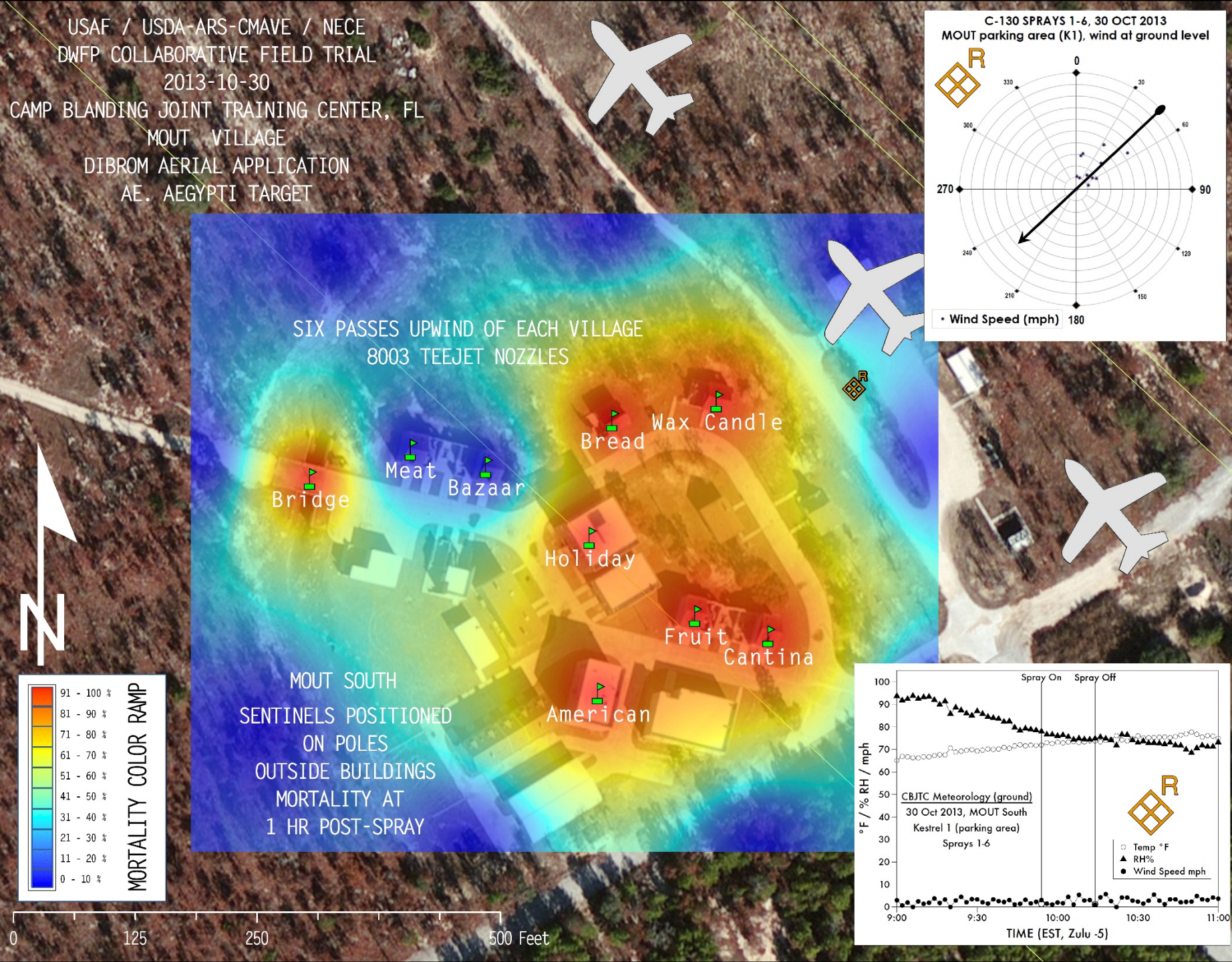


Figure S17
 30 October 2013
 8003 nozzles
 MOUT South
 4 hr mortality
 Outdoors **ON POLE**

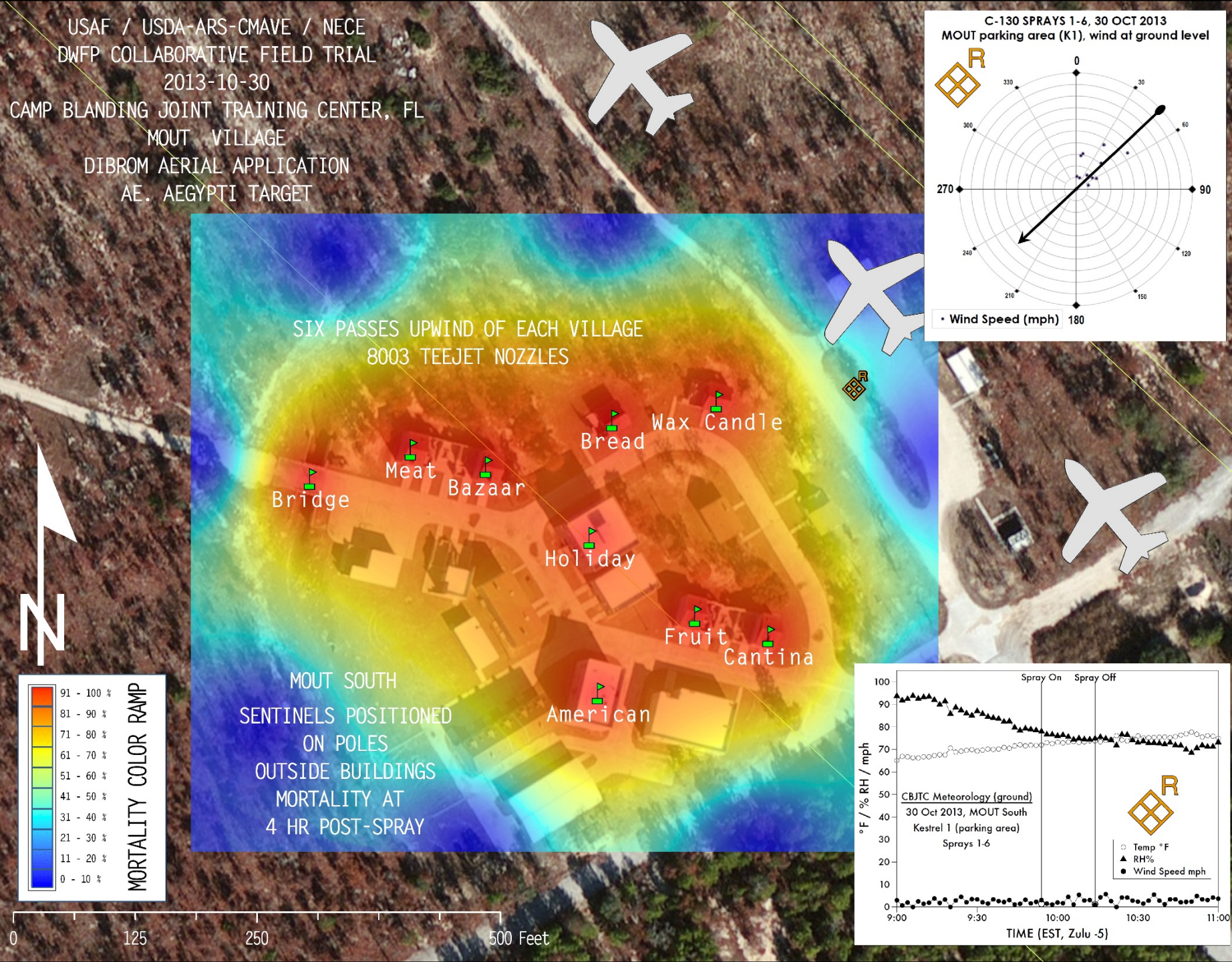


Figure S18
 30 October 2013
 8003 nozzles
 MOUT South
 12 hr mortality
 Outdoors **ON POLE**

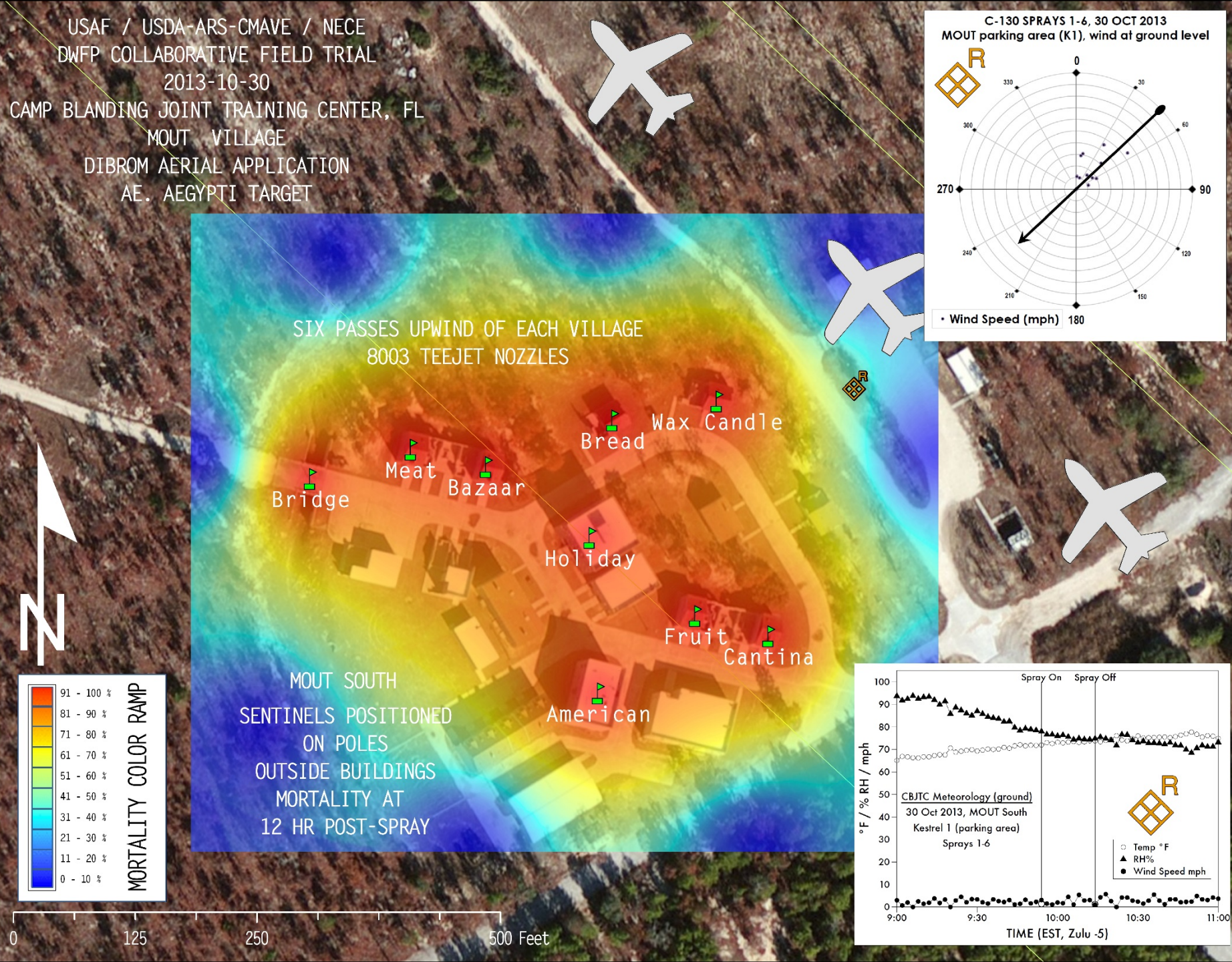


Figure S19
 30 October 2013
 8003 nozzles
 MOUT South
 1 hr mortality
 Indoors **IN BOX**

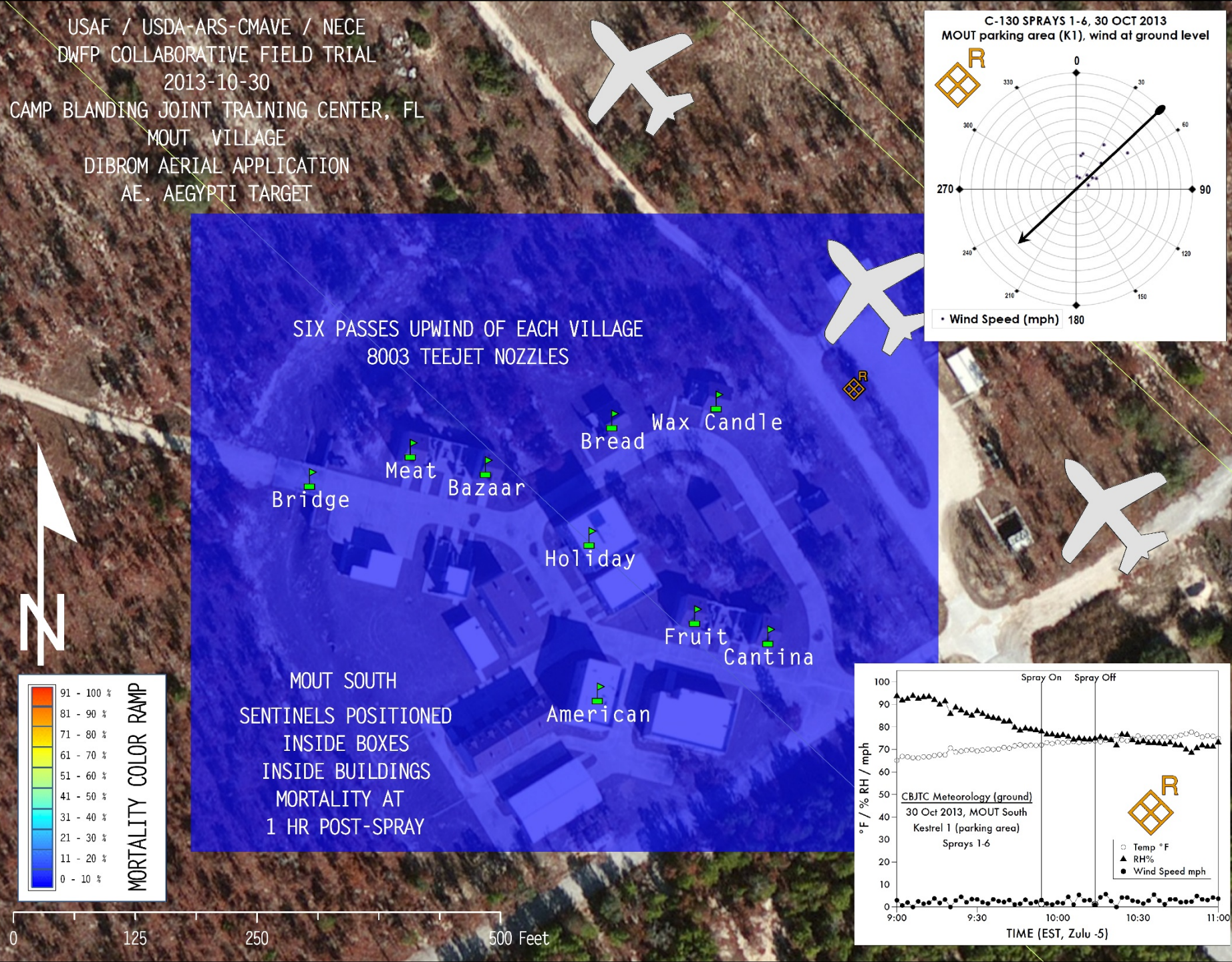


Figure S20
 30 October 2013
 8003 nozzles
 MOUT South
 4 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

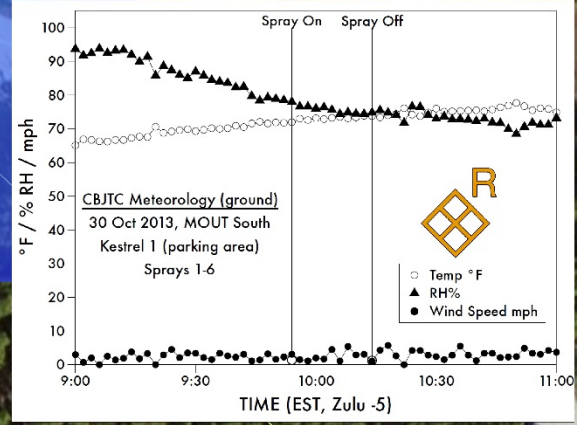
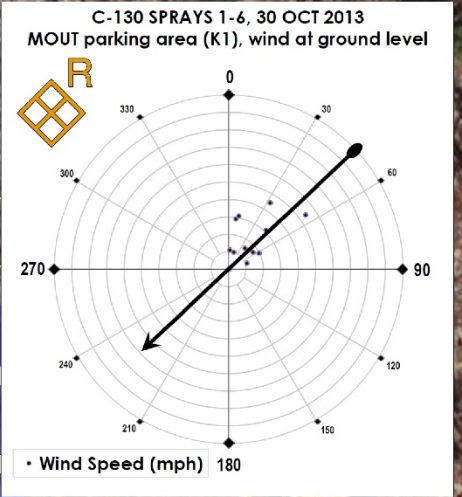
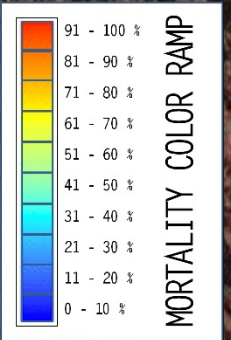
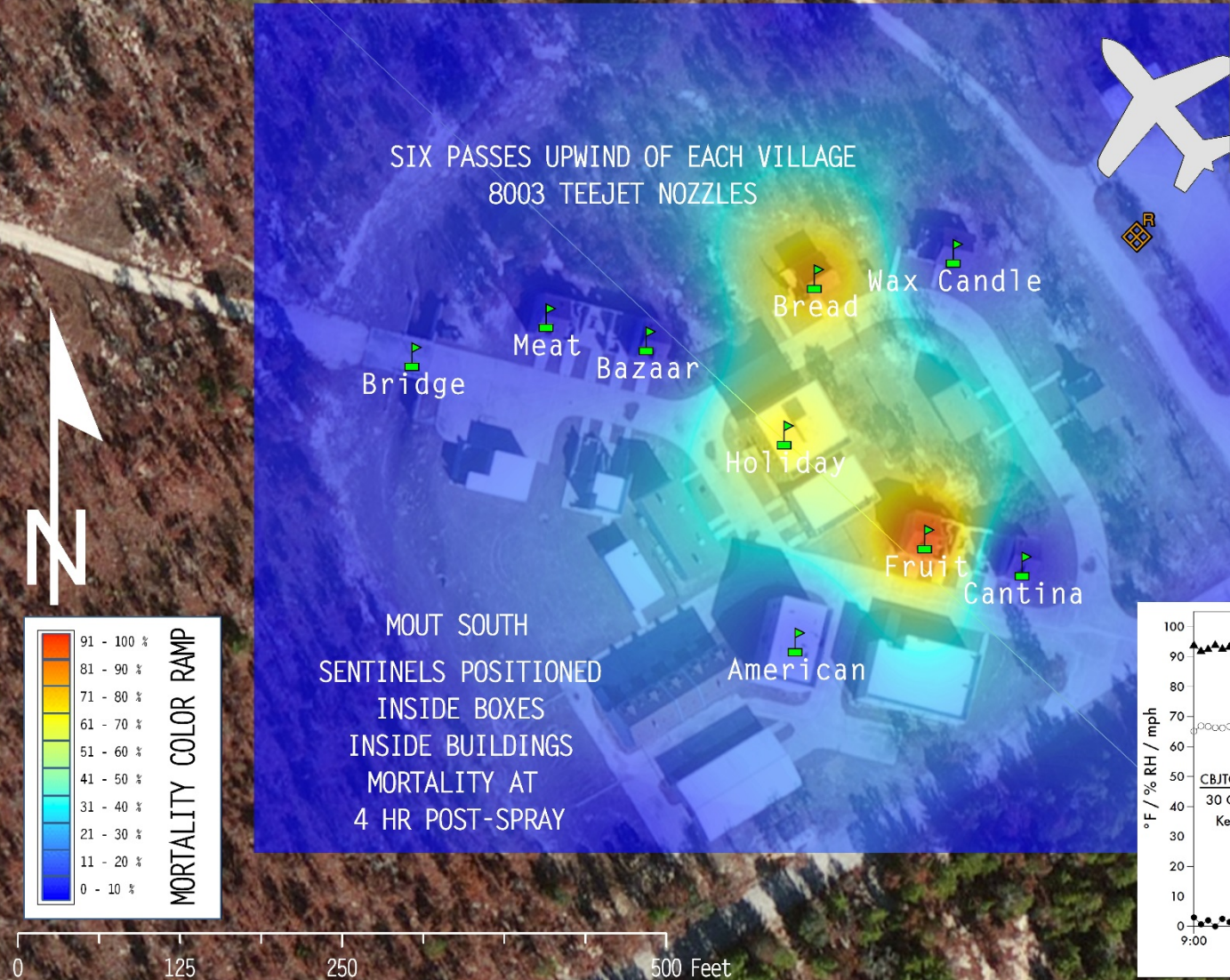


Figure S2I
 30 October 2013
 8003 nozzles
 MOUT South
 12 hr mortality
 Indoors **IN BOX**

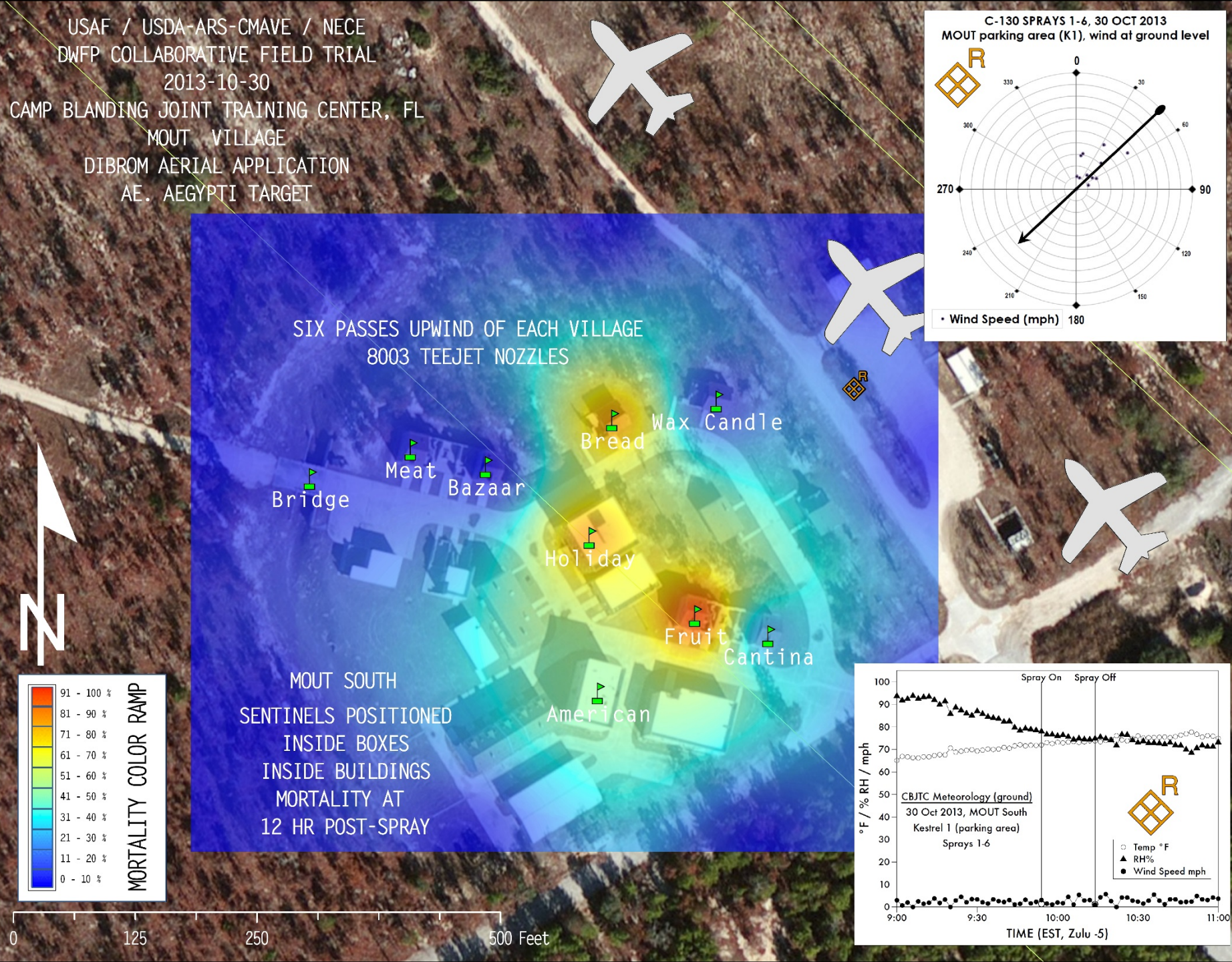


Figure S22
 30 October 2013
 8003 nozzles
 MOUT South
 1 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET

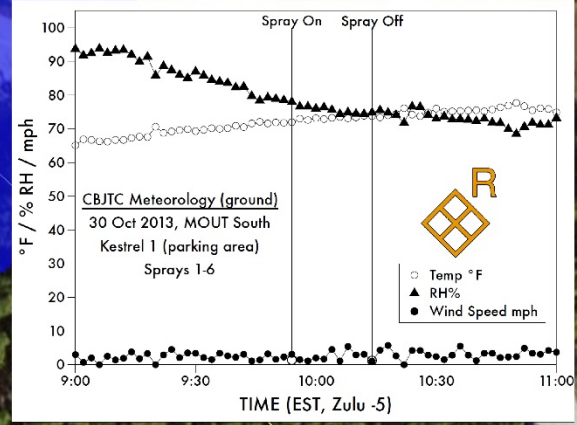
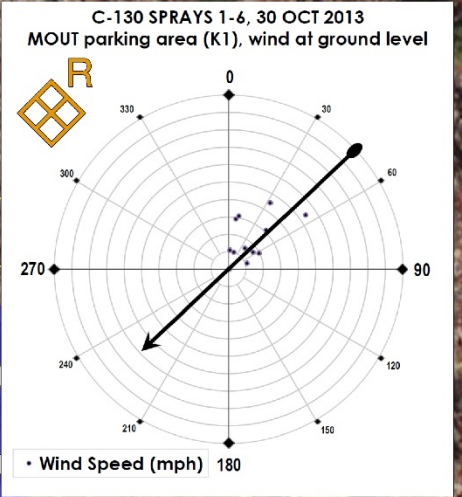
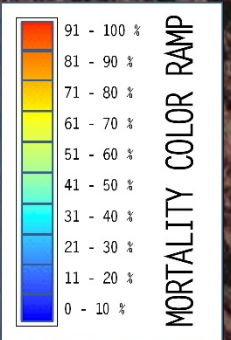
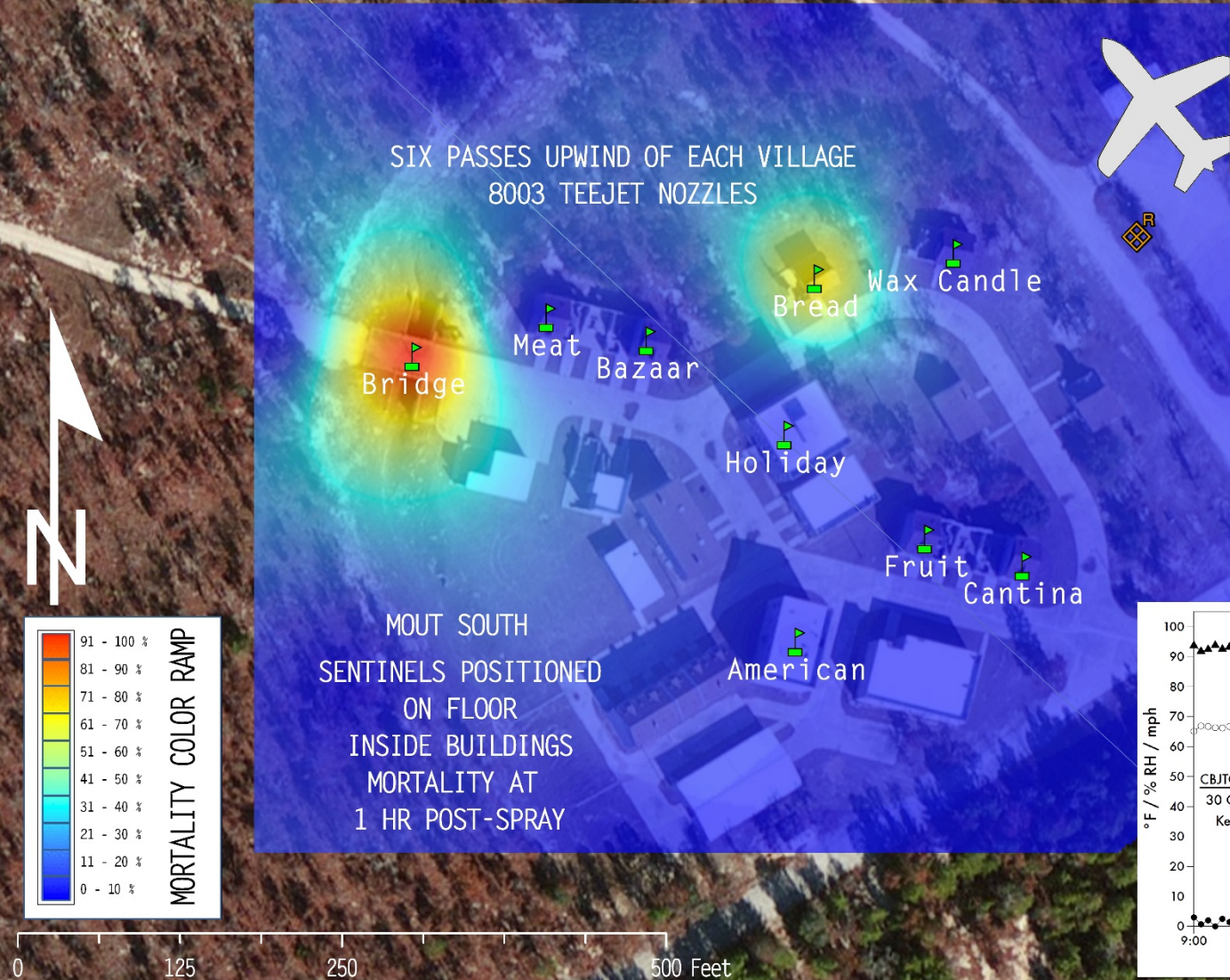
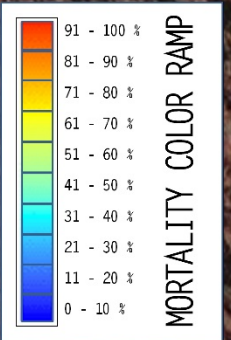
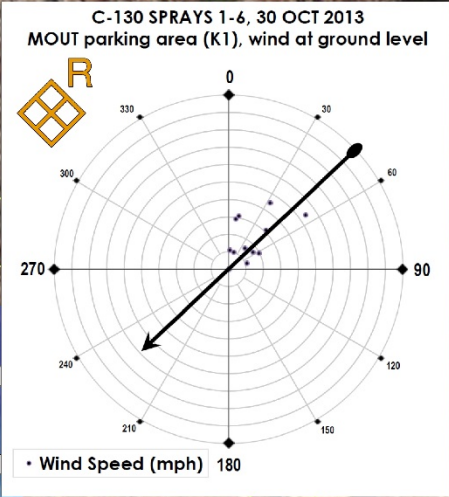
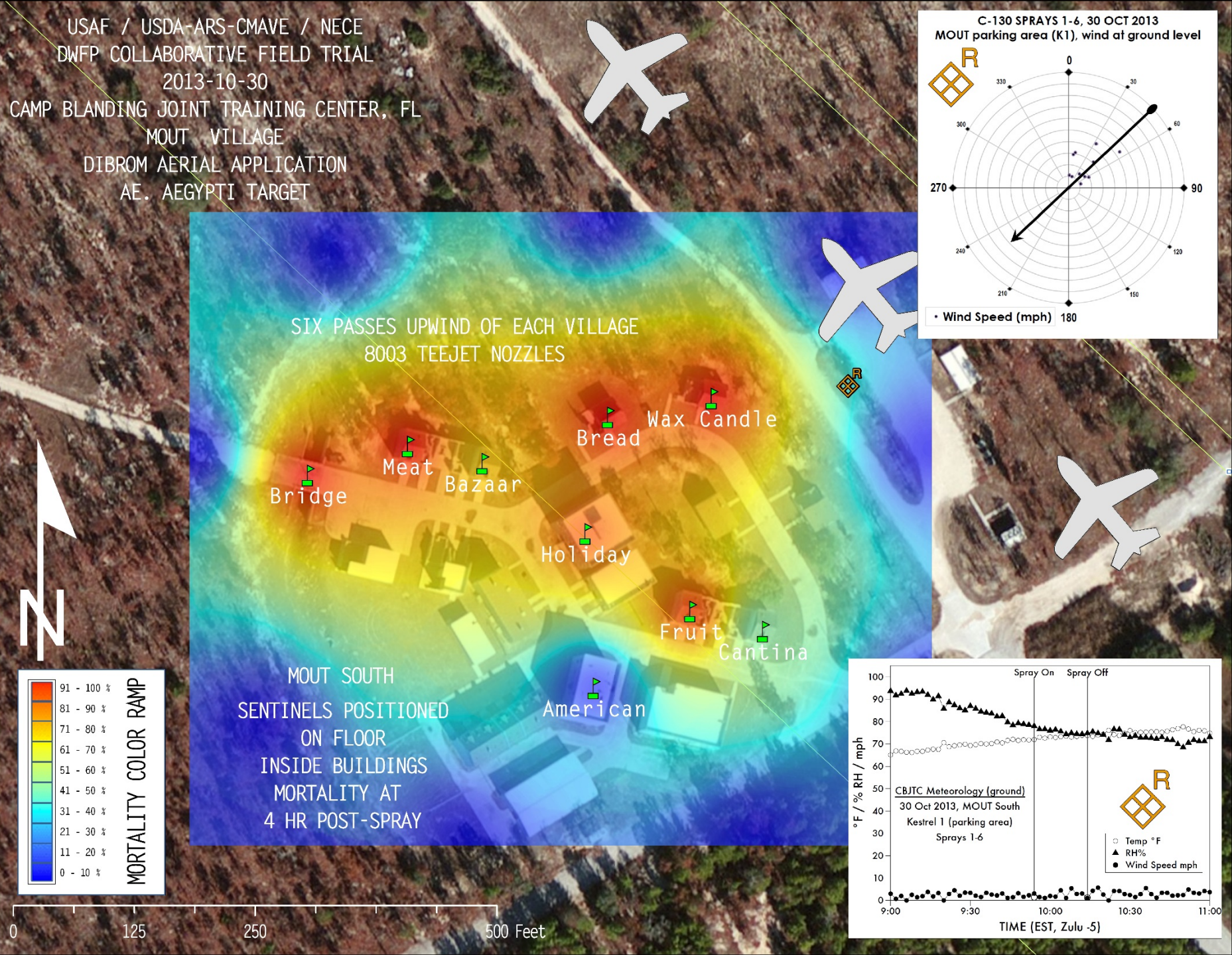


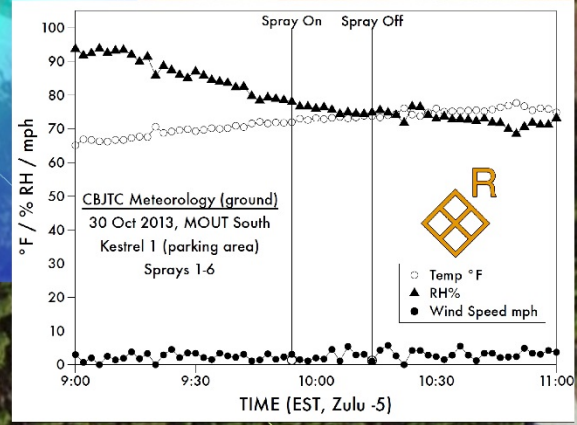
Figure S23
 30 October 2013
 8003 nozzles
 MOUT South
 4 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET



SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES

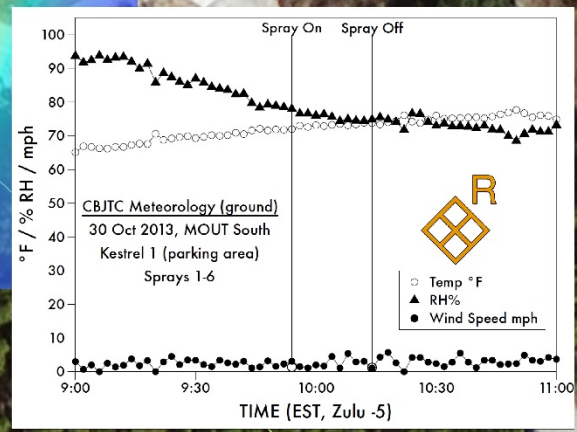
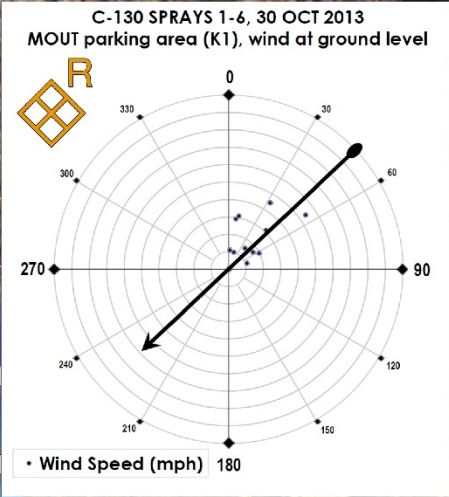
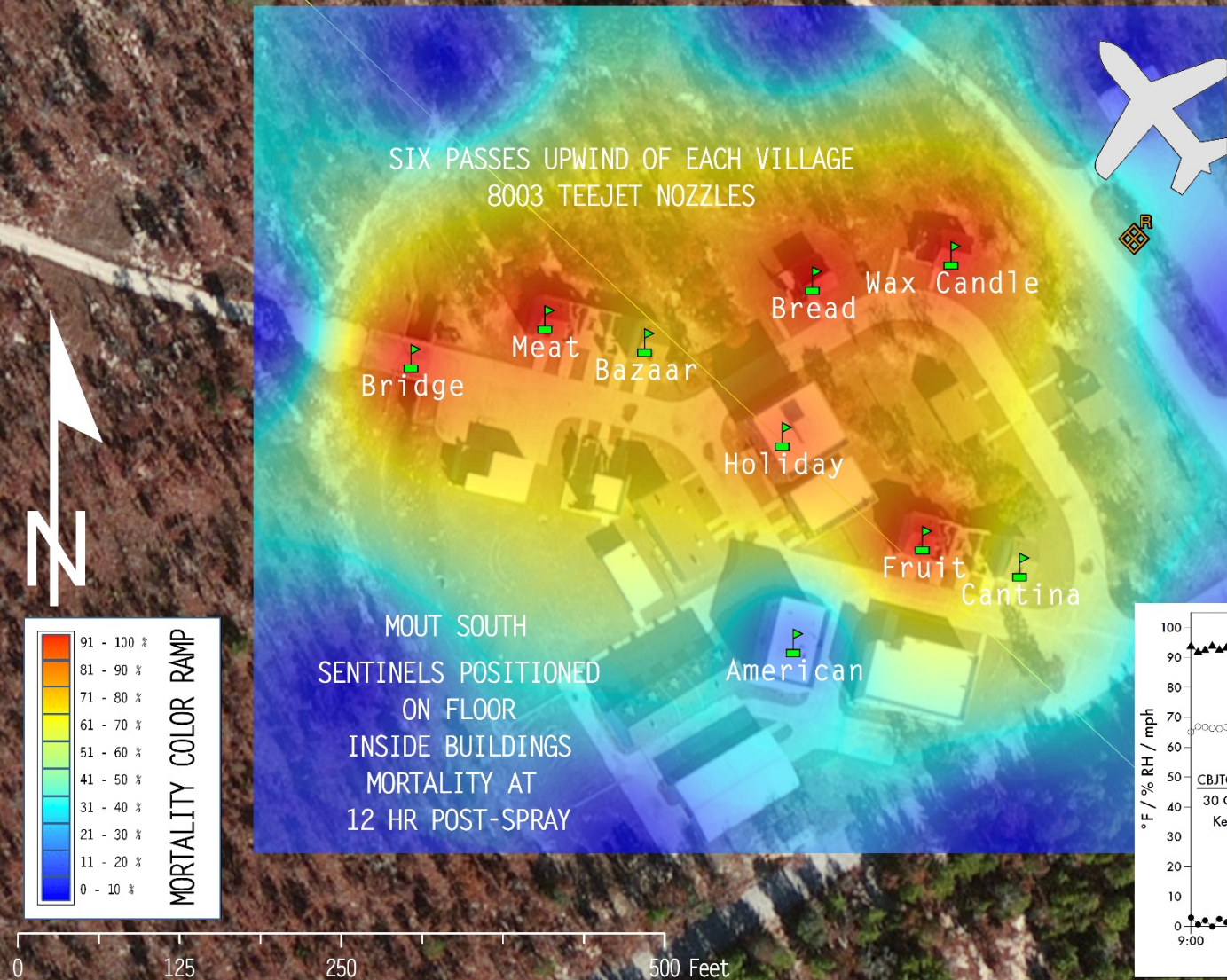
MOUT SOUTH
 SENTINELS POSITIONED
 ON FLOOR
 INSIDE BUILDINGS
 MORTALITY AT
 4 HR POST-SPRAY



0 125 250 500 Feet

Figure S24
 30 October 2013
 8003 nozzles
 MOUT South
 12 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
 MOUT VILLAGE
 DIBROM AERIAL APPLICATION
 AE. AEGYPTI TARGET



SET C

S25–S36 Figs. Naled efficacy (mortality), Village 29 Oct.

Figure S25
 29 October 2013
 800I nozzles
 Village
 1 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE

NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET

SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES

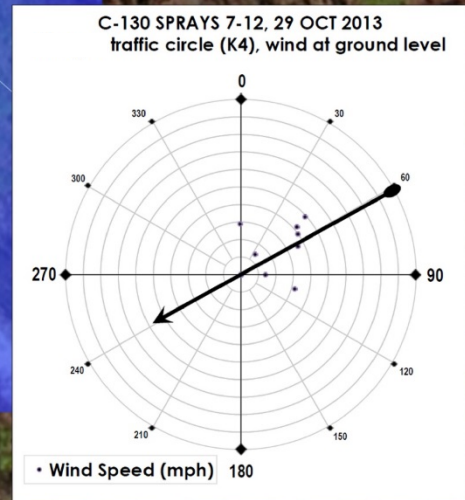
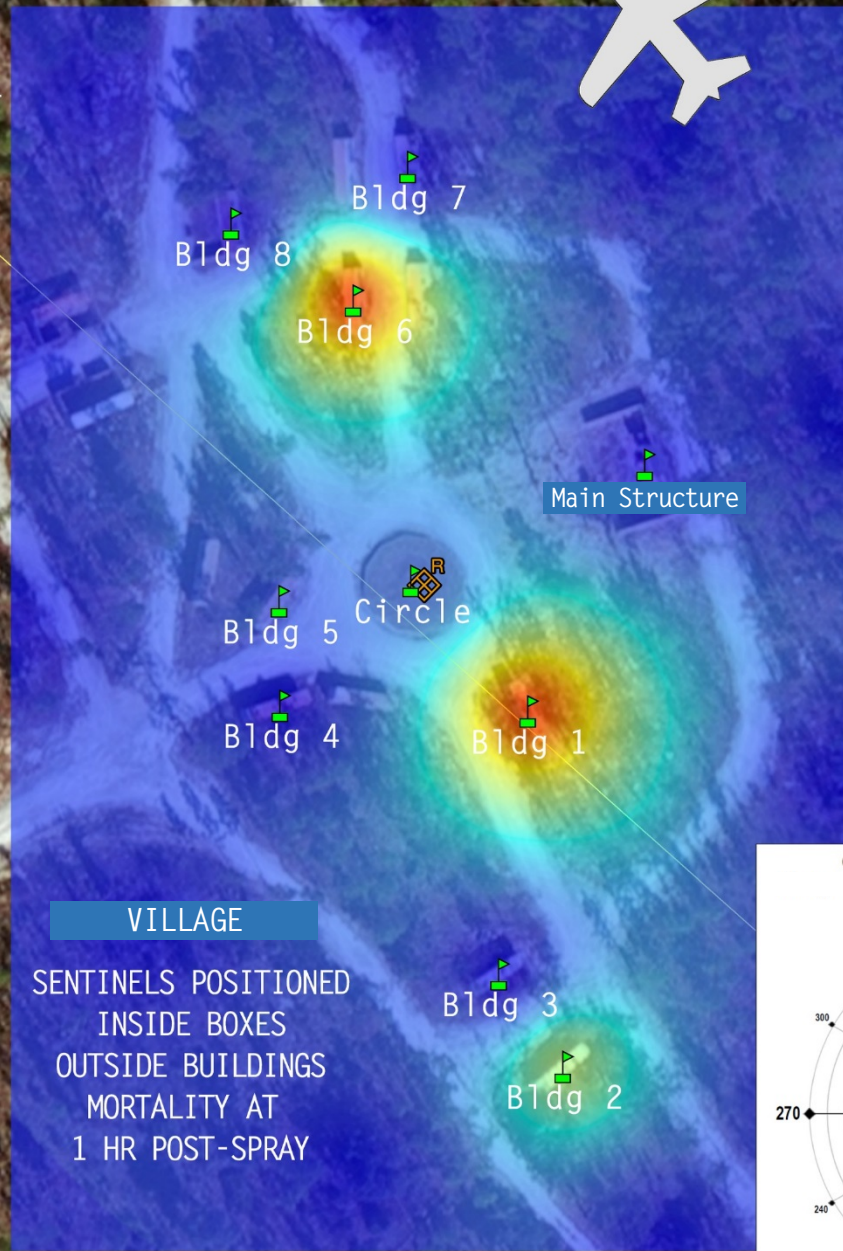
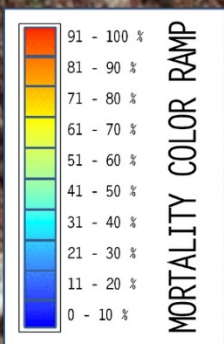
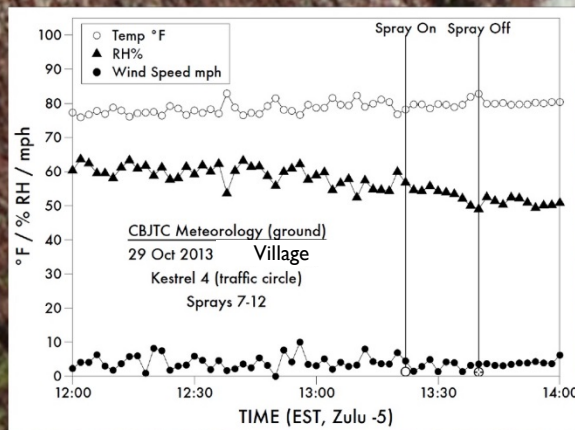
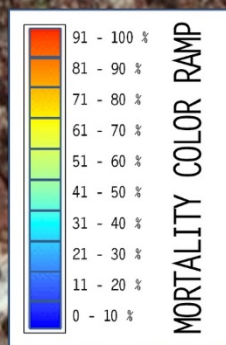
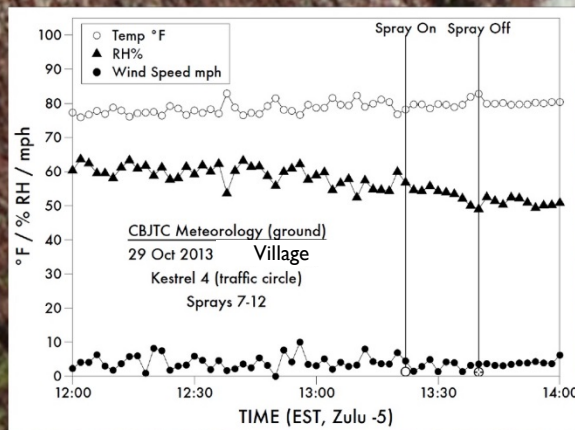
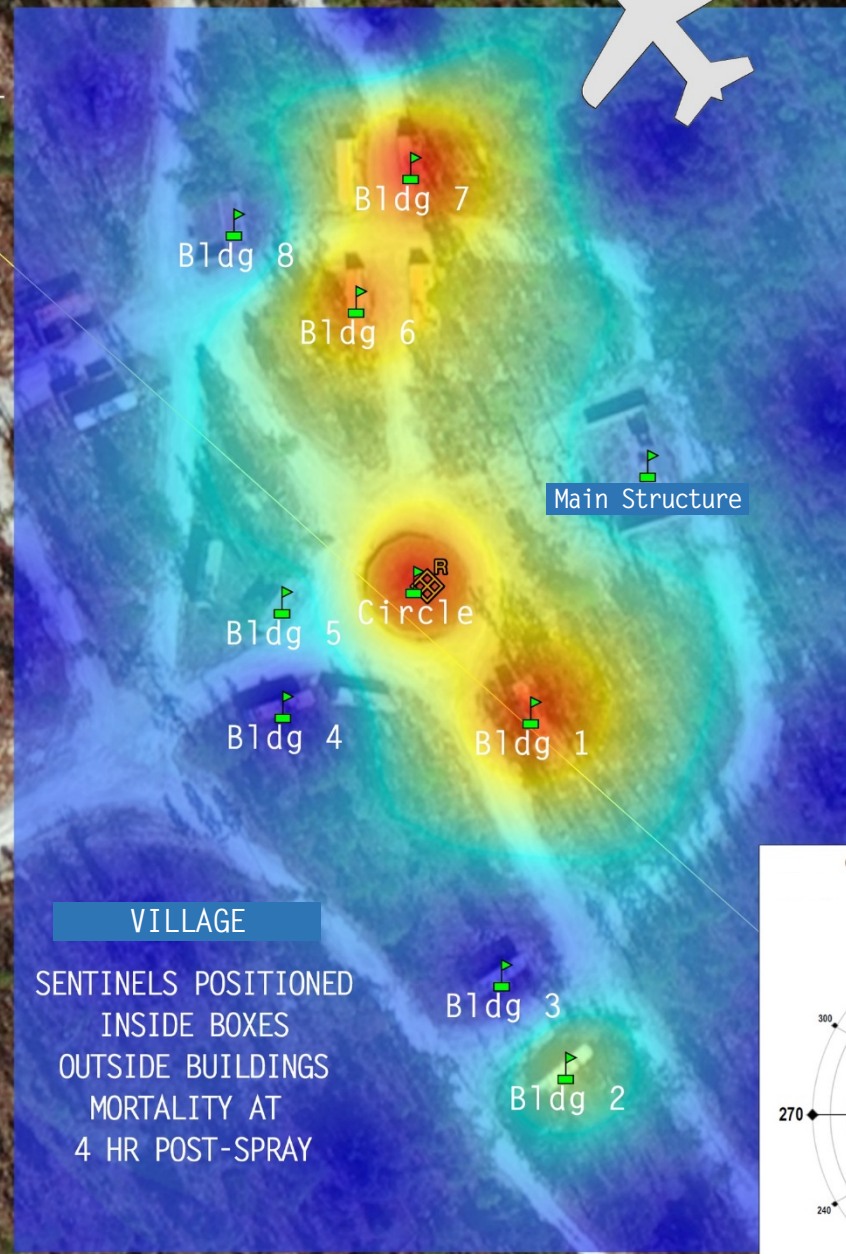


Figure S26
 29 October 2013
 800I nozzles
 Village
 4 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet



VILLAGE
 SENTINELS POSITIONED
 INSIDE BOXES
 OUTSIDE BUILDINGS
 MORTALITY AT
 4 HR POST-SPRAY

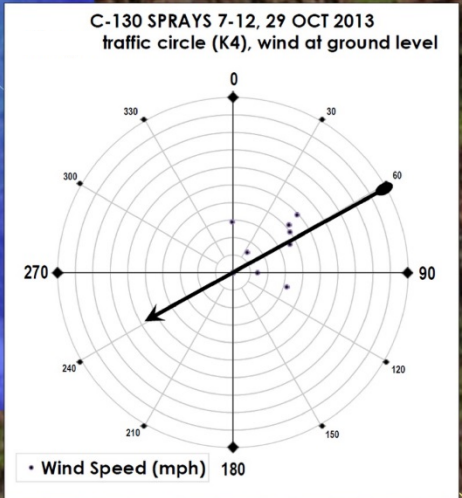
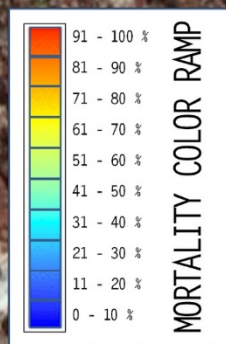
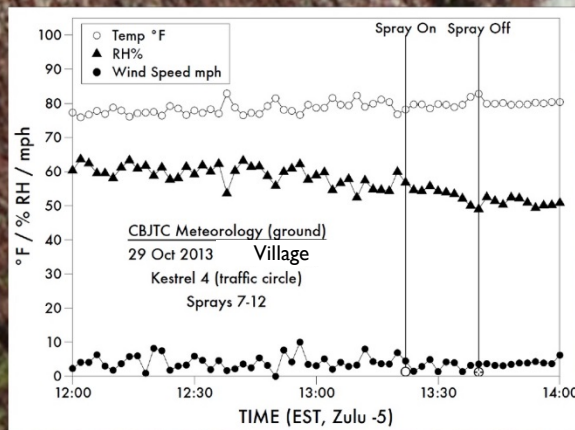


Figure S27
 29 October 2013
 800I nozzles
 Village
 12 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet

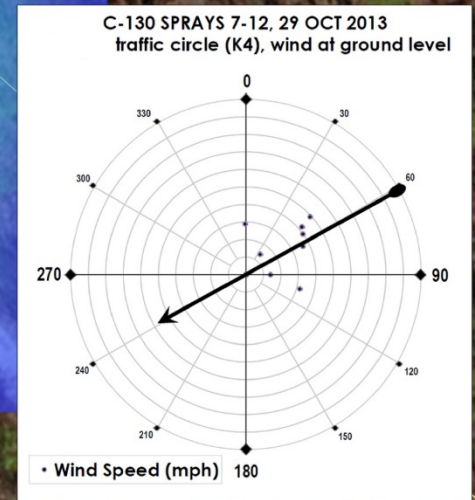
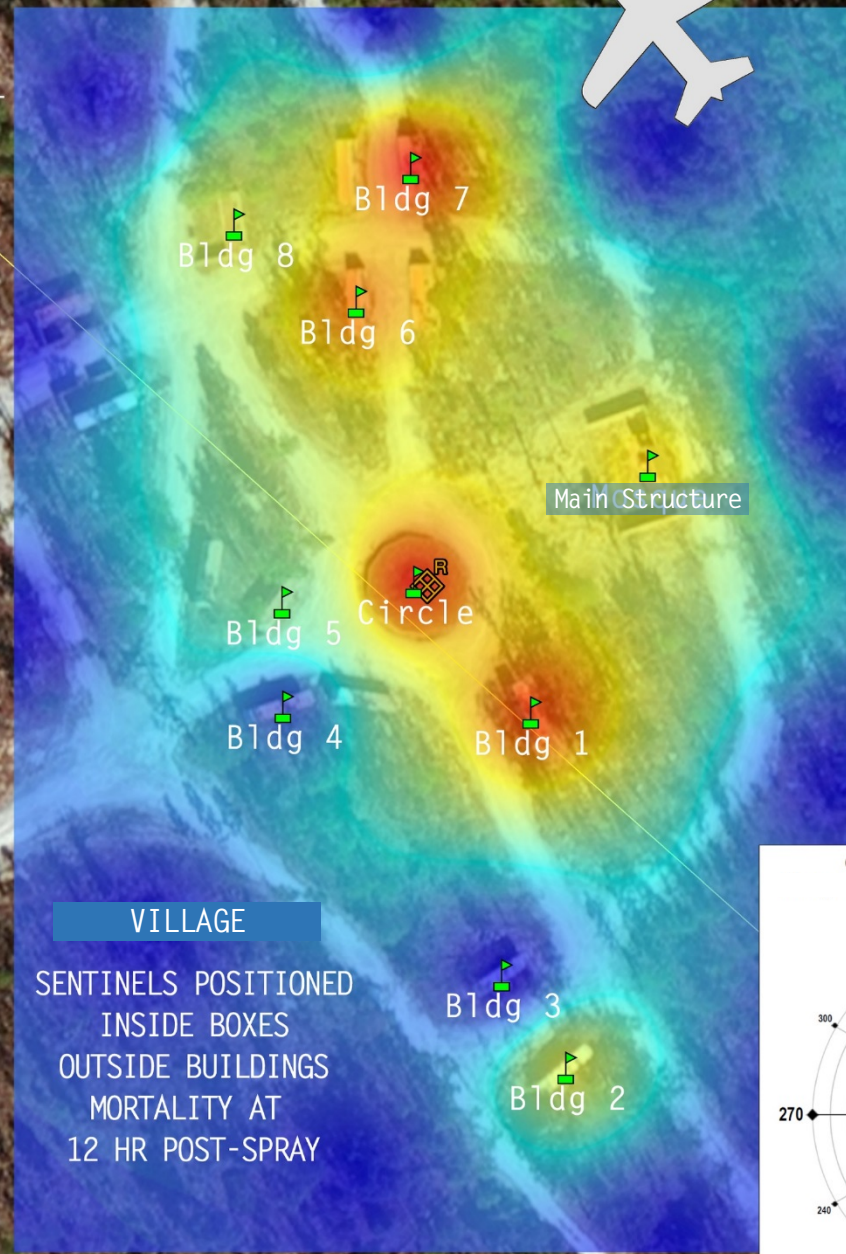
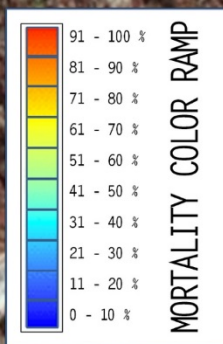
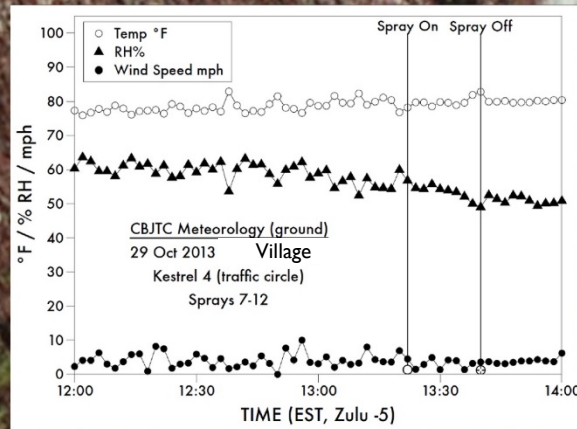
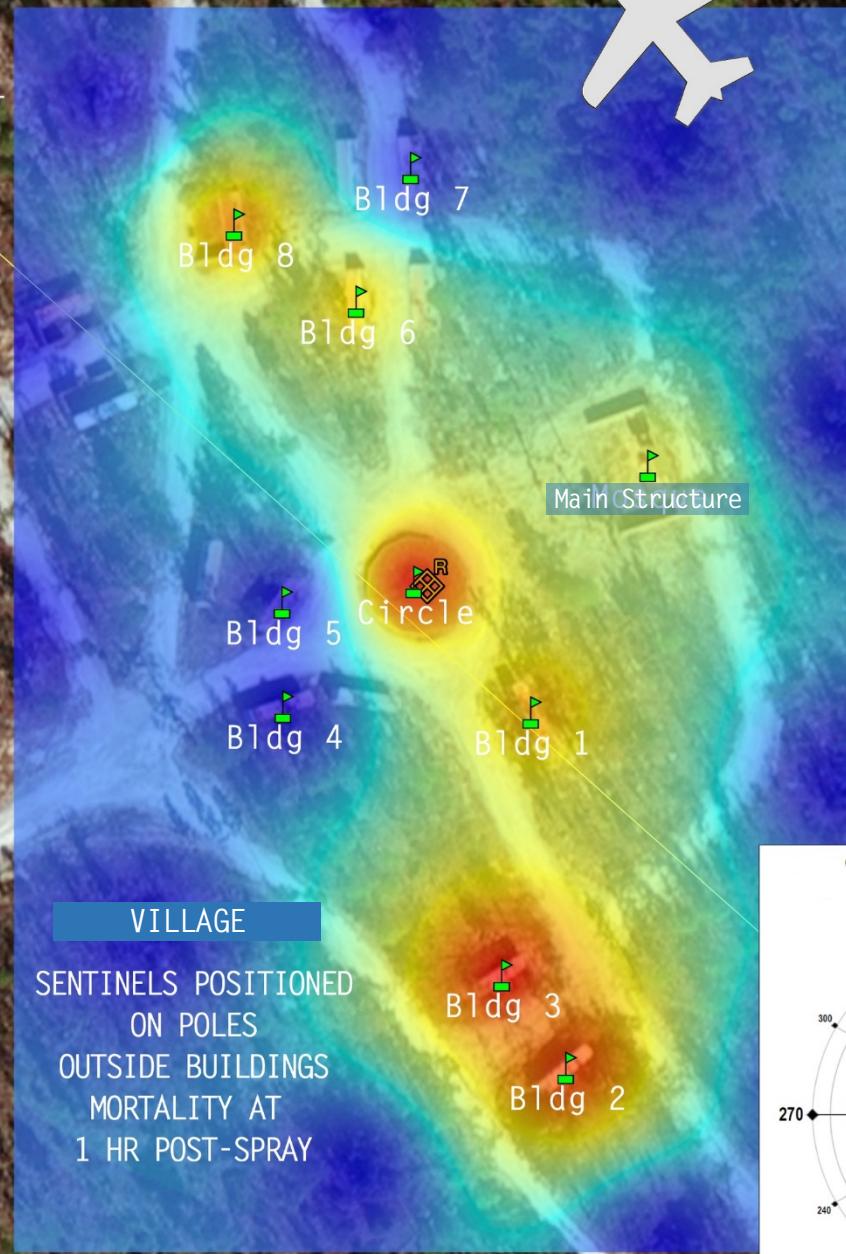


Figure S28
 29 October 2013
 800I nozzles
 Village
 1 hr mortality
 Outdoors **ON POLE**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet



VILLAGE
 SENTINELS POSITIONED
 ON POLES
 OUTSIDE BUILDINGS
 MORTALITY AT
 1 HR POST-SPRAY

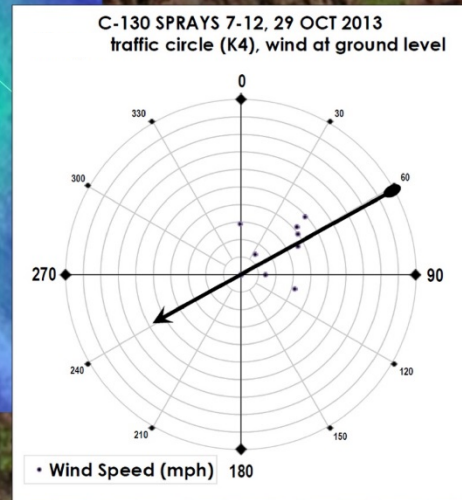
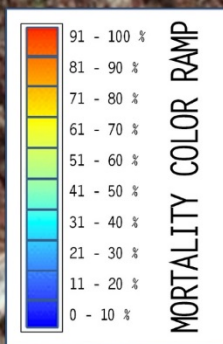
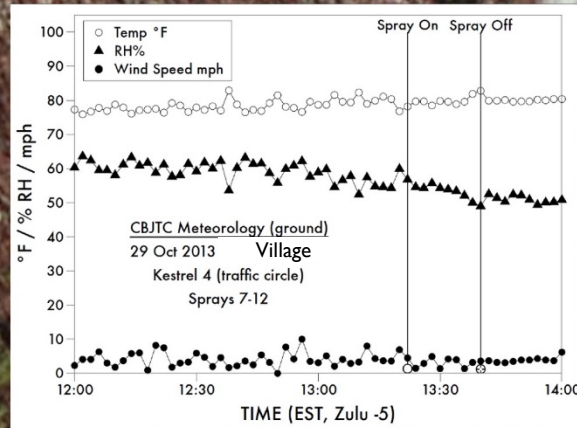


Figure S29
 29 October 2013
 800I nozzles
 Village
 4 hr mortality
 Outdoors **ON POLE**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet

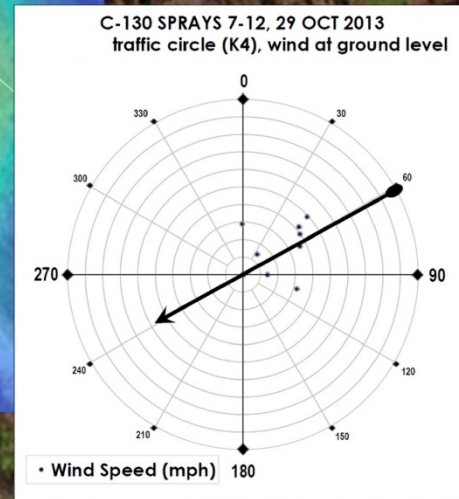
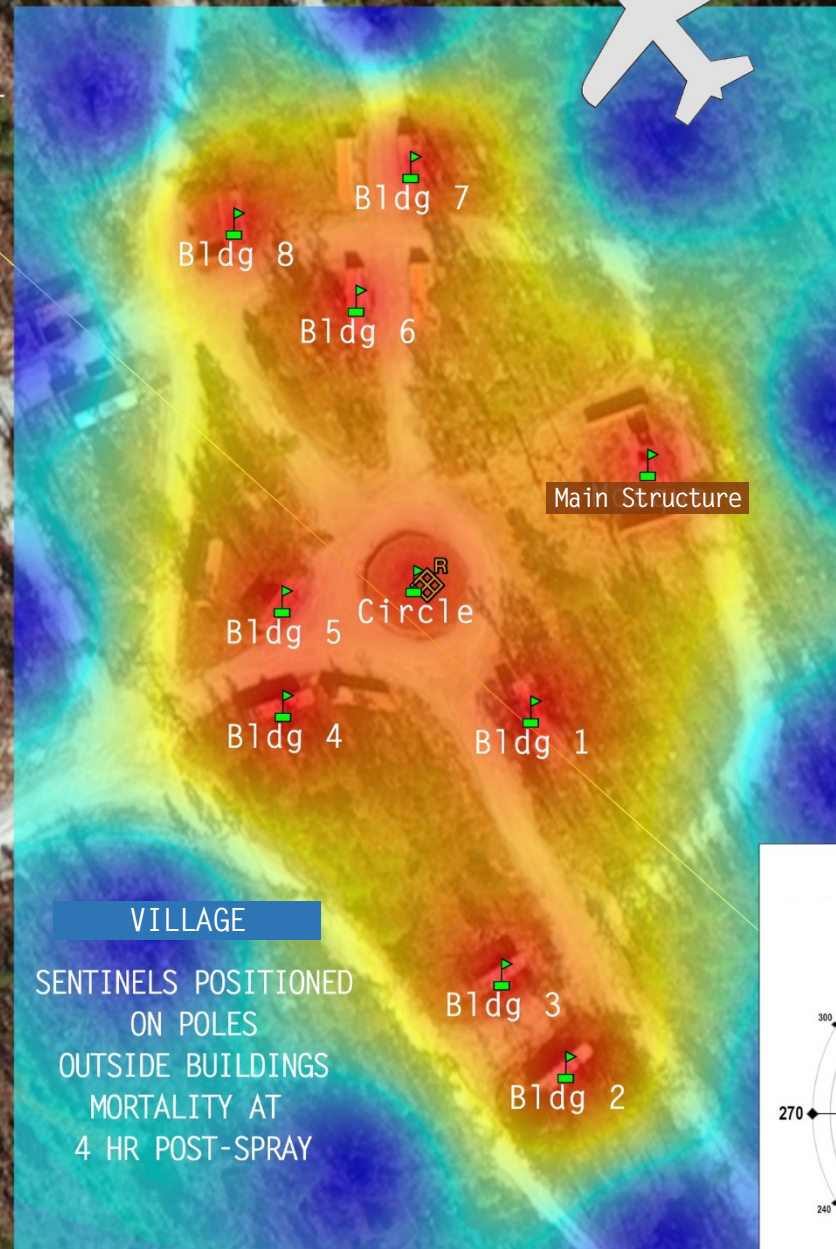
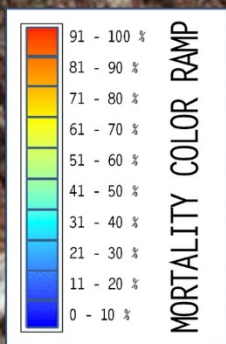
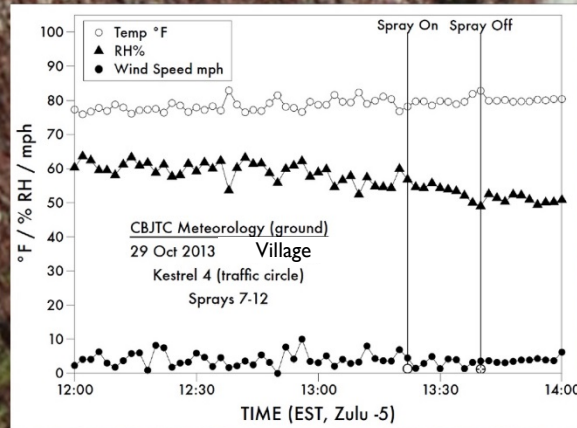
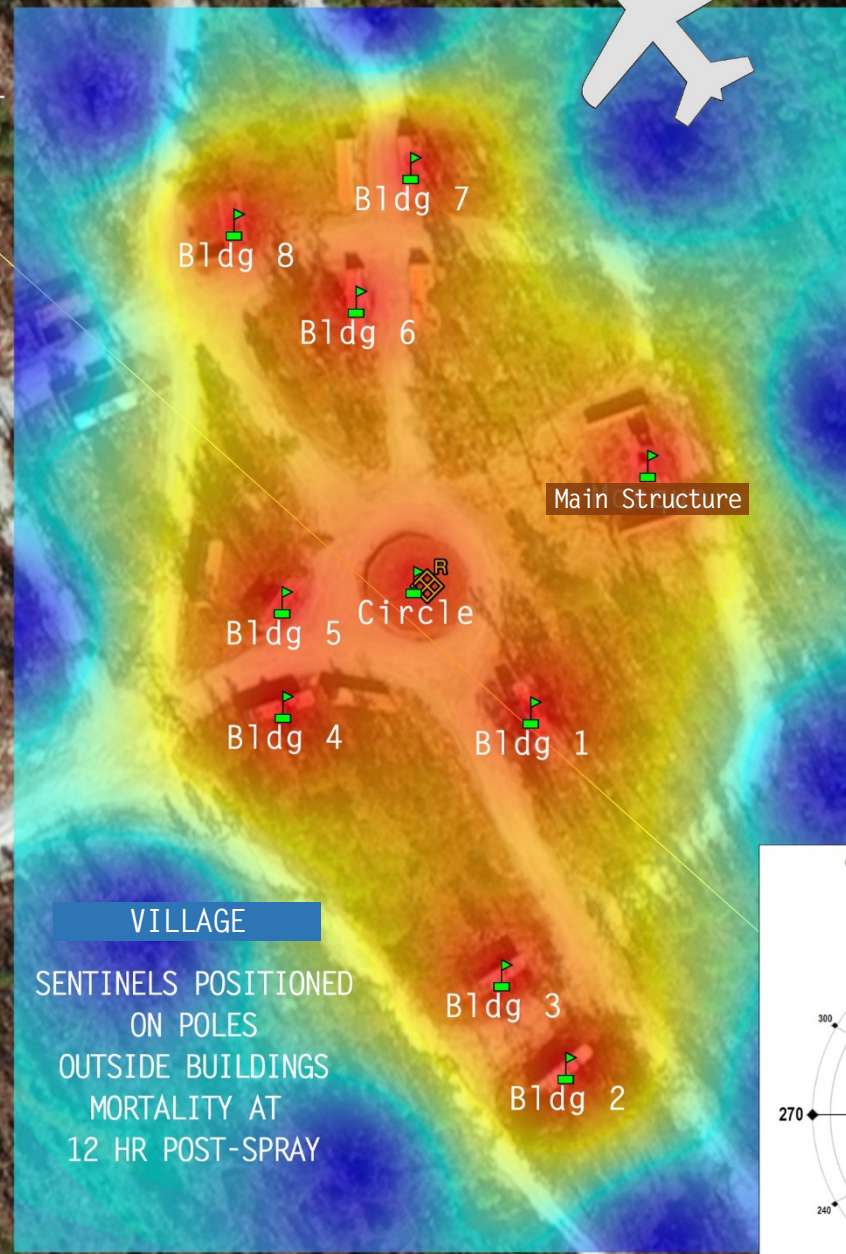


Figure S30
 29 October 2013
 800I nozzles
 Village
 12 hr mortality
 Outdoors **ON POLE**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet



VILLAGE
 SENTINELS POSITIONED
 ON POLES
 OUTSIDE BUILDINGS
 MORTALITY AT
 12 HR POST-SPRAY

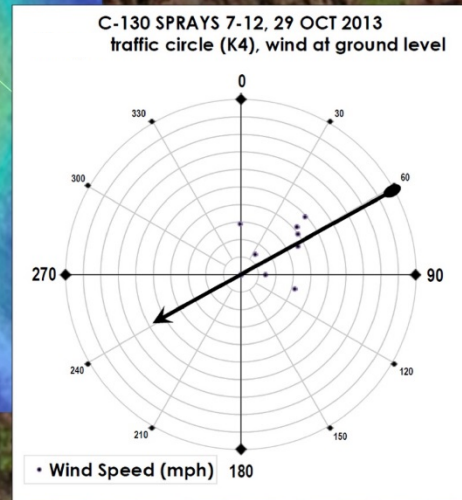
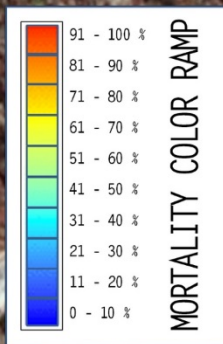
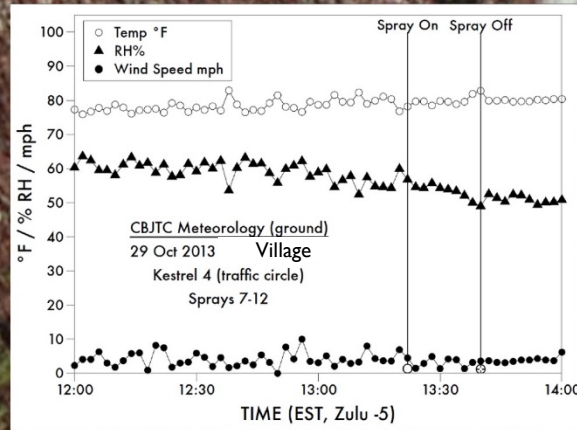


Figure S3I
 29 October 2013
 800I nozzles
 Village
 1 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet

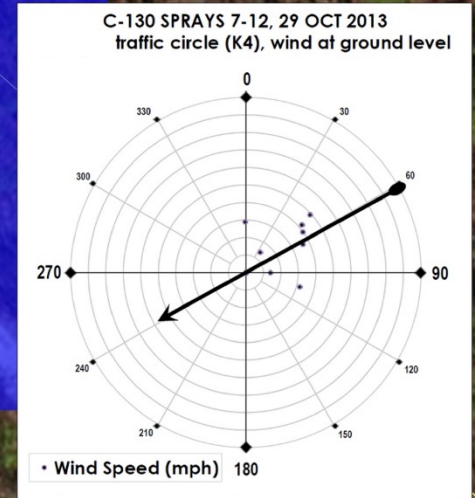
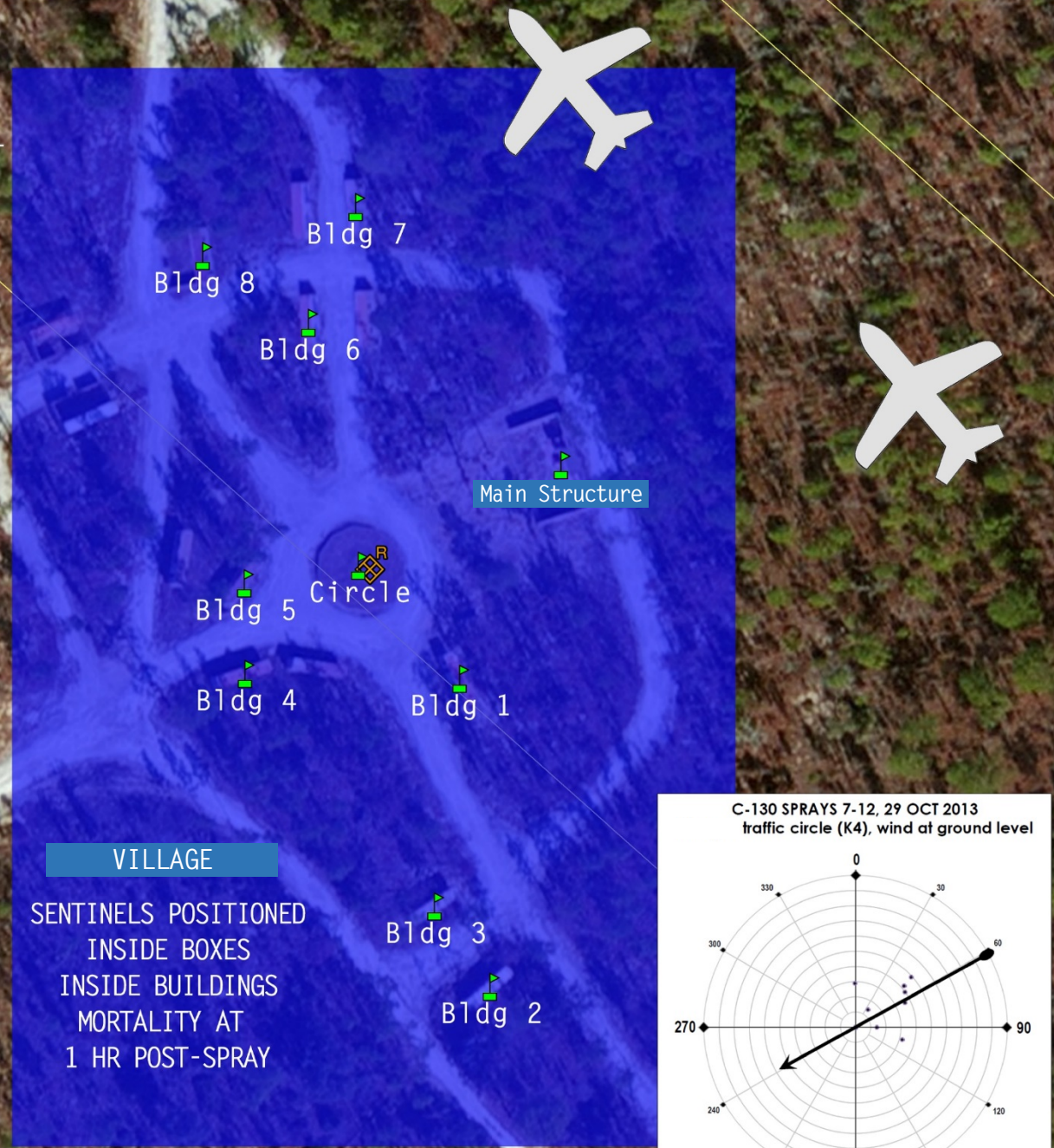


Figure S32
 29 October 2013
 800I nozzles
 Village
 4 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES

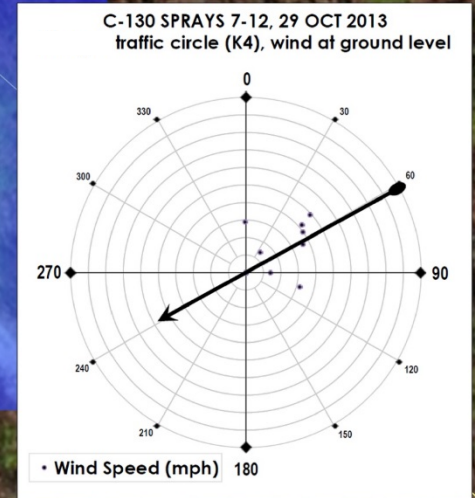
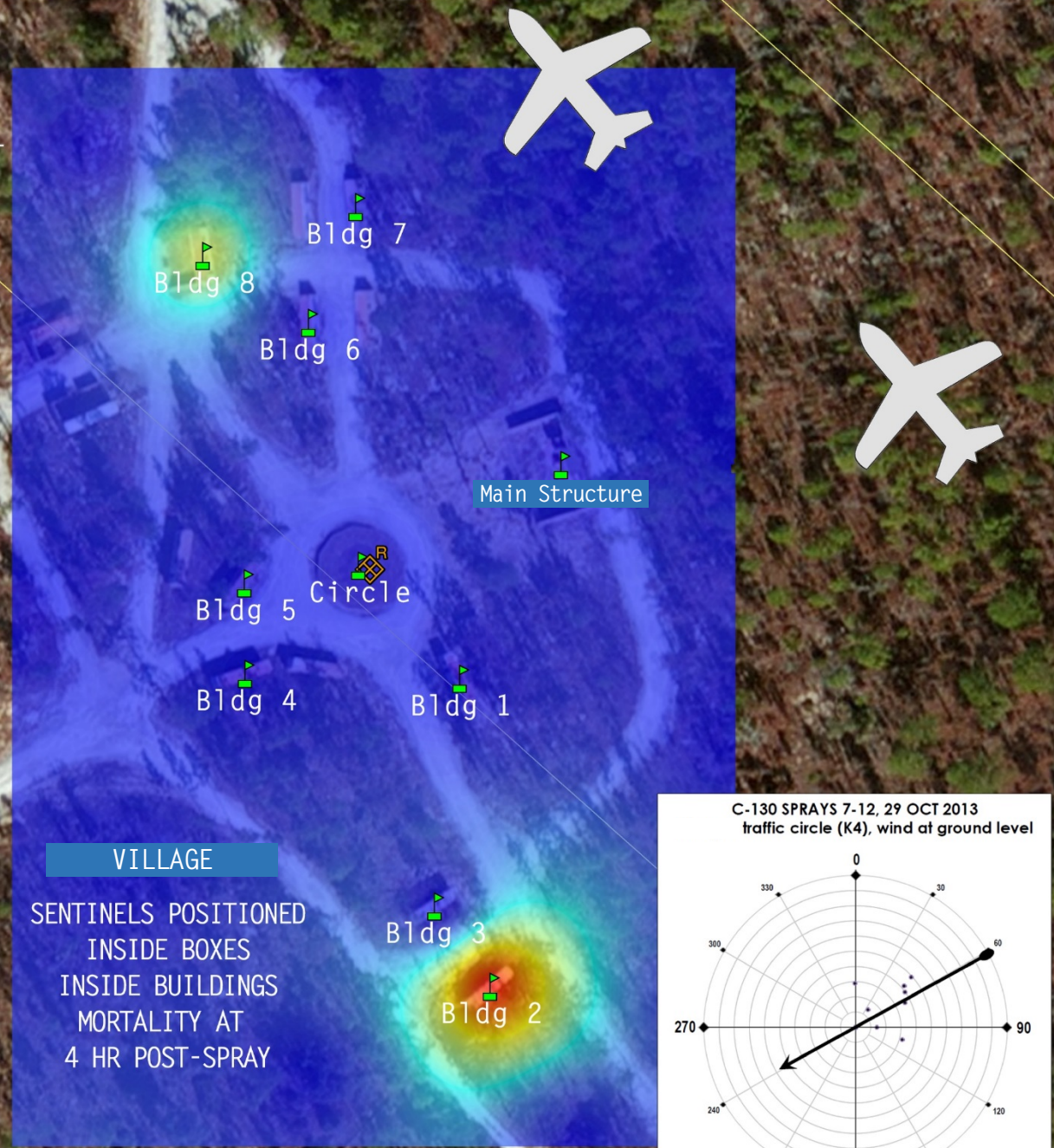
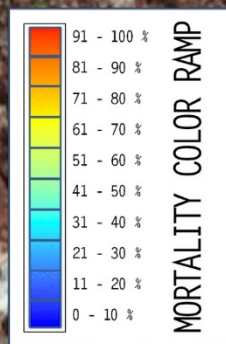
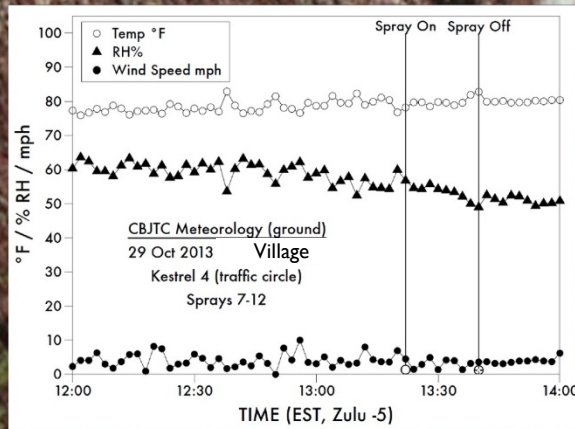
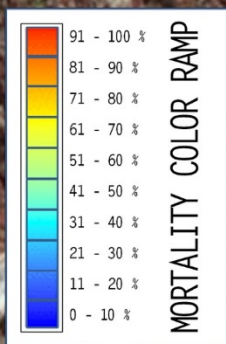
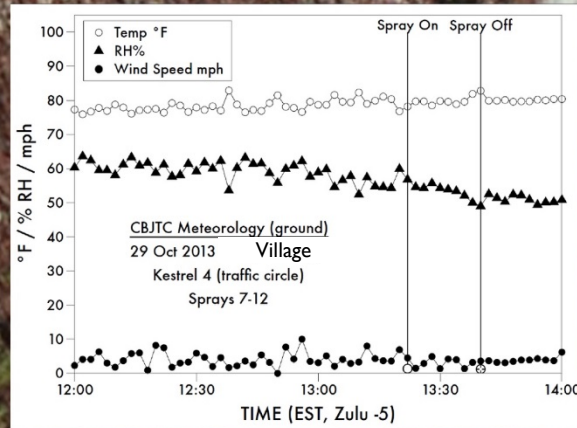
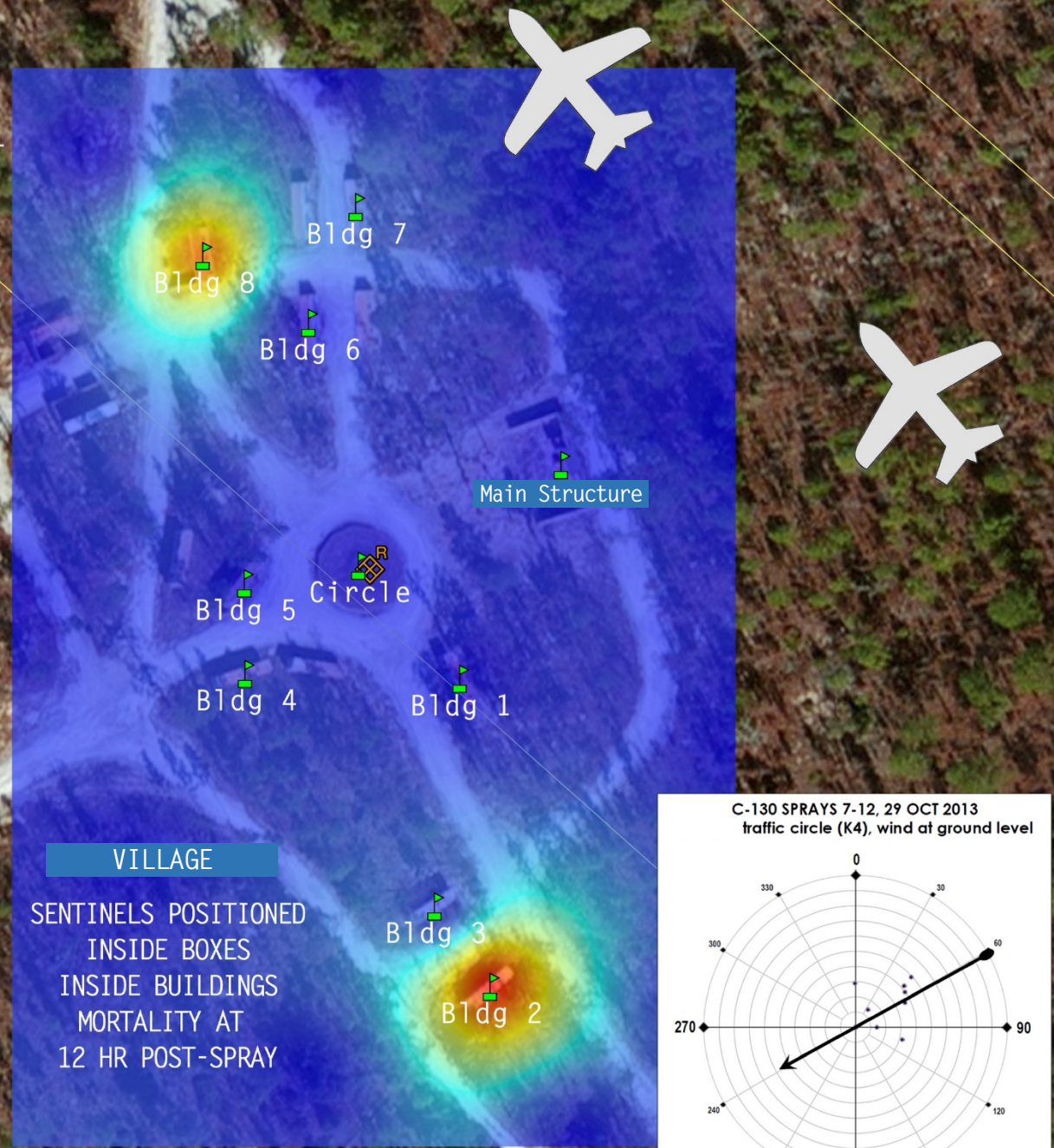


Figure S33
 29 October 2013
 800I nozzles
 Village
 12 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet



VILLAGE
 SENTINELS POSITIONED
 INSIDE BOXES
 INSIDE BUILDINGS
 MORTALITY AT
 12 HR POST-SPRAY

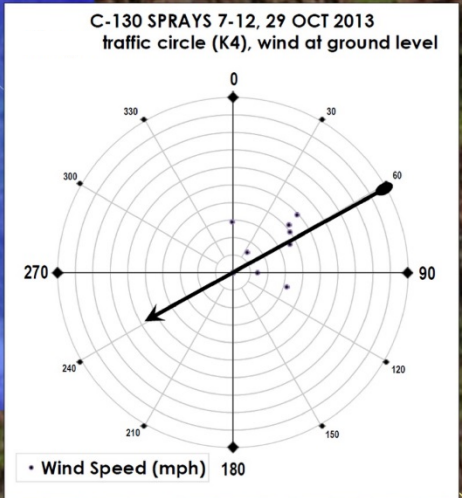
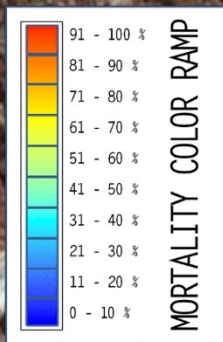
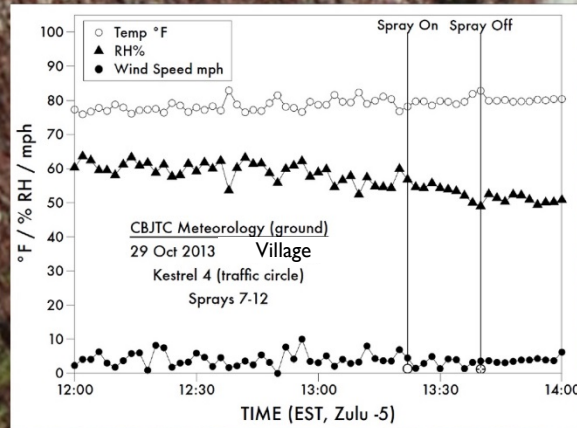


Figure S34
 29 October 2013
 800I nozzles
 Village
 1 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE

NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET

SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet

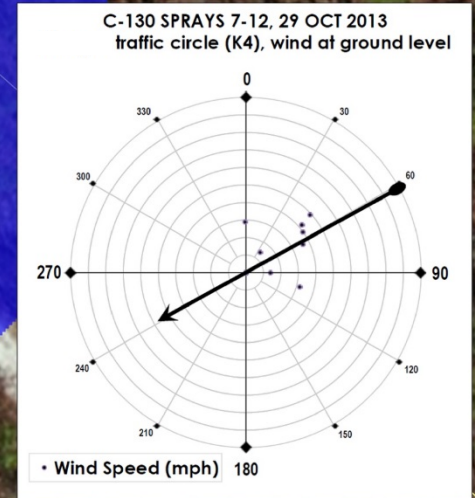
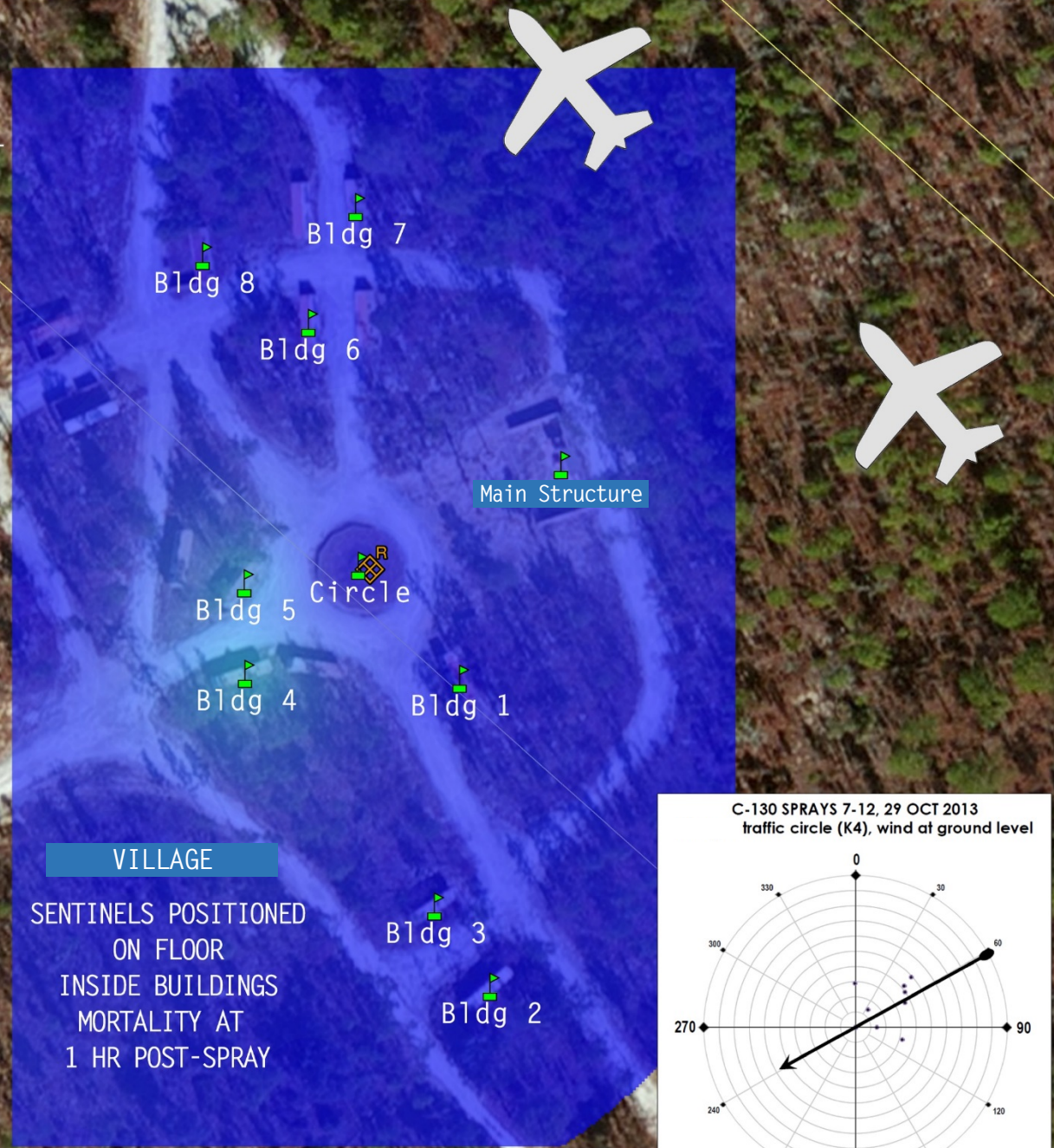
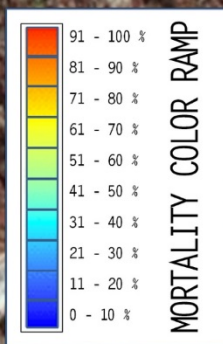
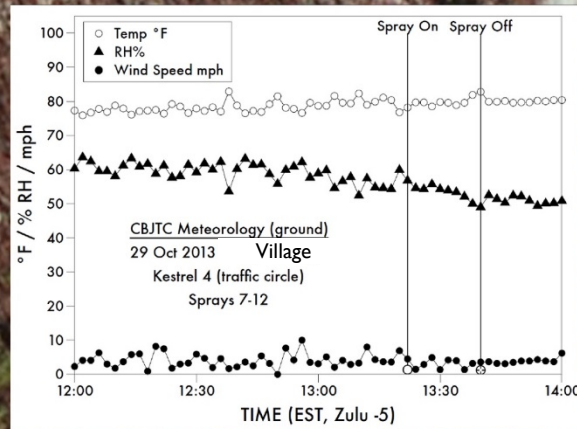
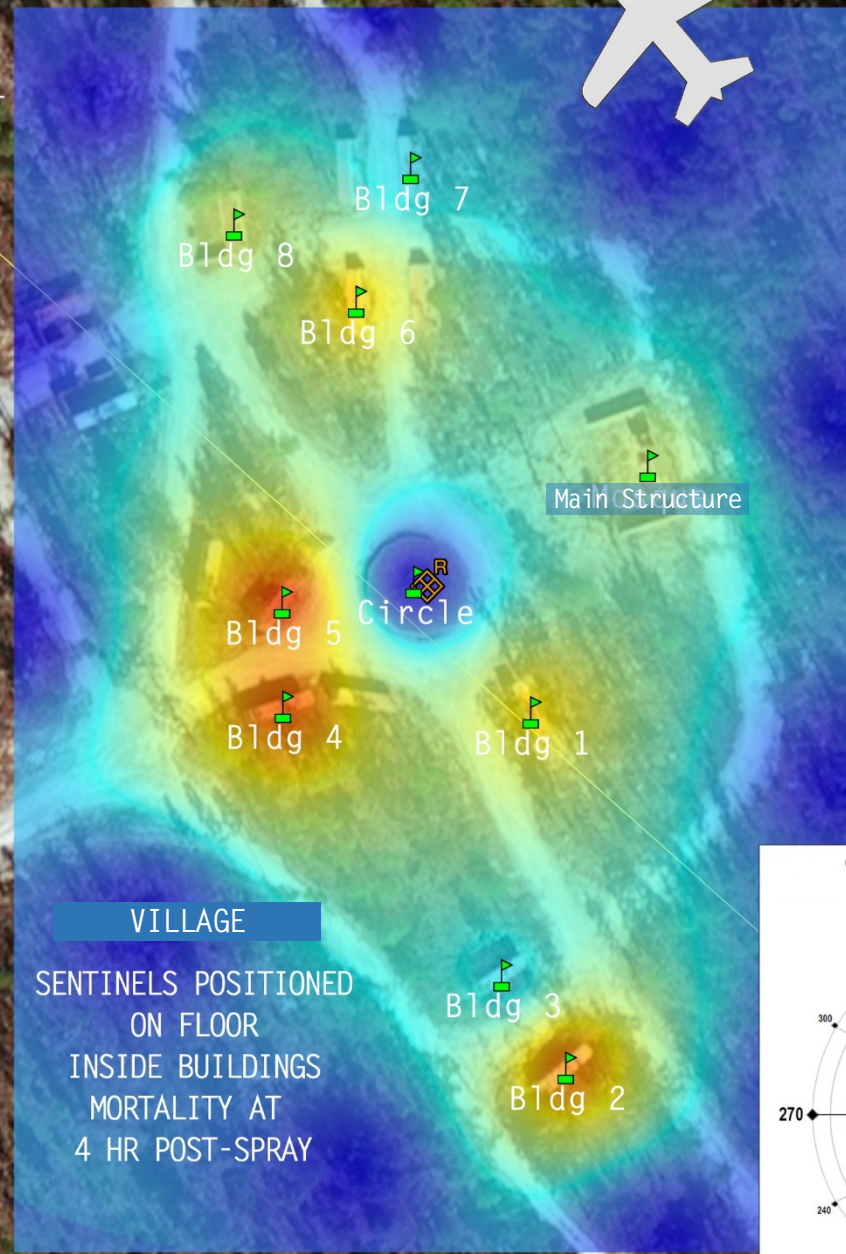


Figure S35
 29 October 2013
 800I nozzles
 Village
 4 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet



VILLAGE
 SENTINELS POSITIONED
 ON FLOOR
 INSIDE BUILDINGS
 MORTALITY AT
 4 HR POST-SPRAY

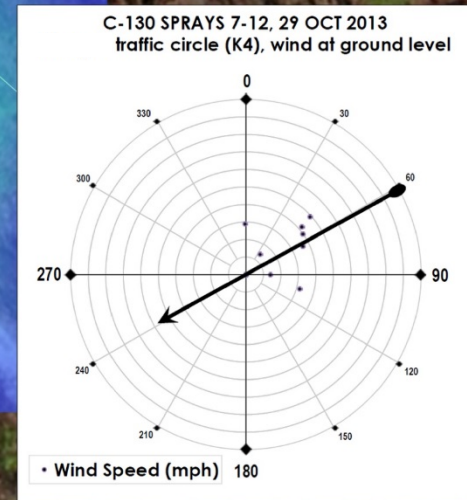
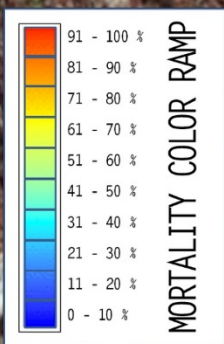
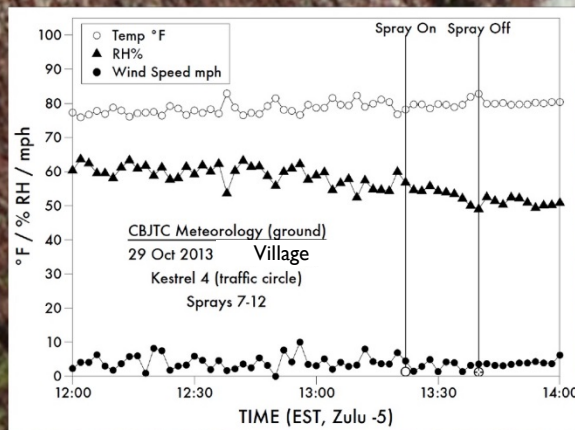
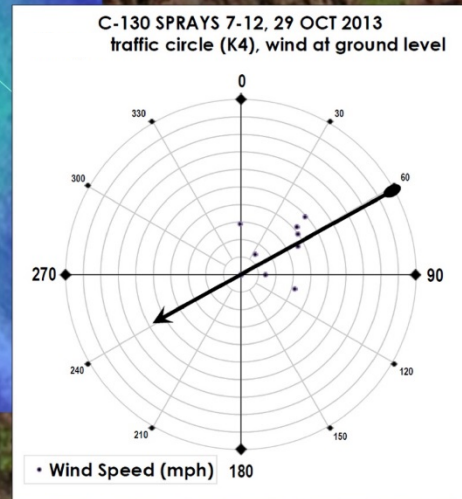
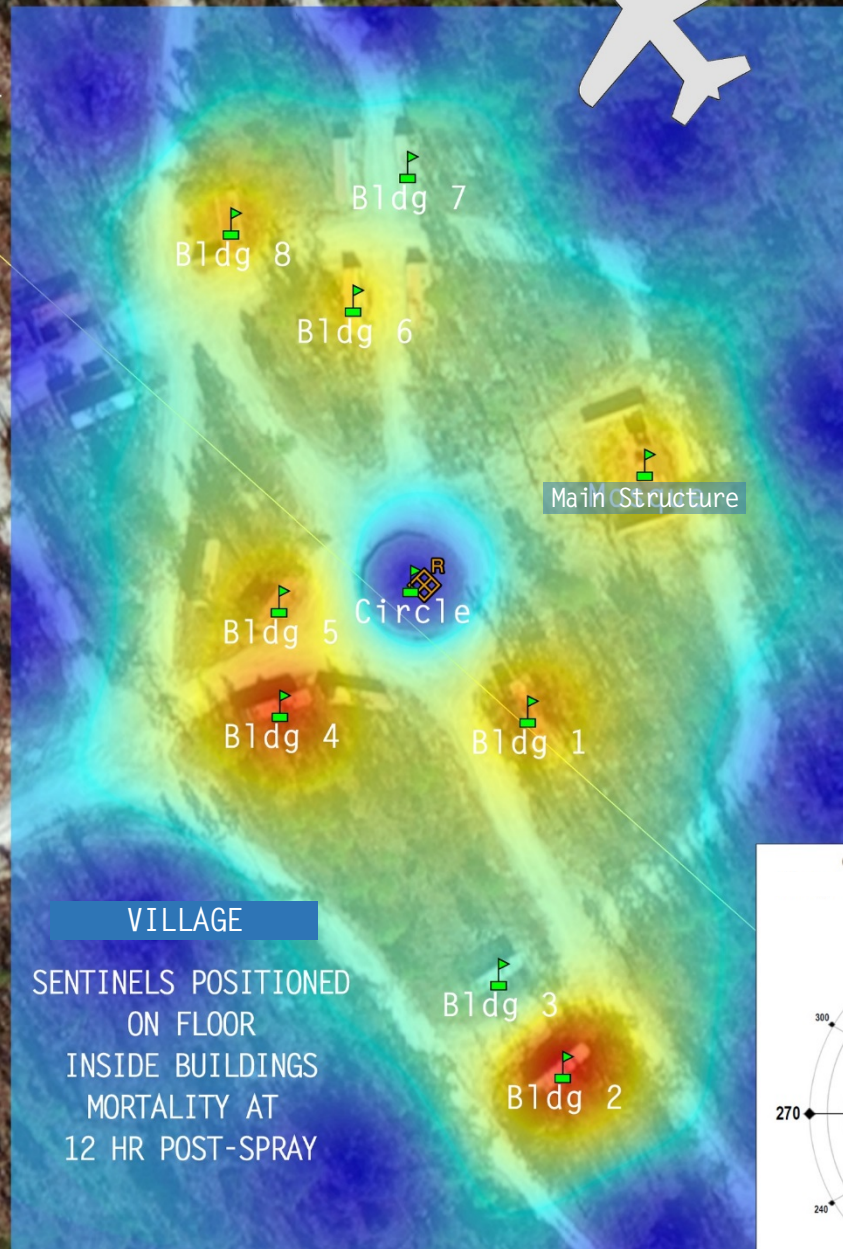


Figure S36
 29 October 2013
 800I nozzles
 Village
 12 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8001 TEEJET NOZZLES



0 125 250 500 Feet

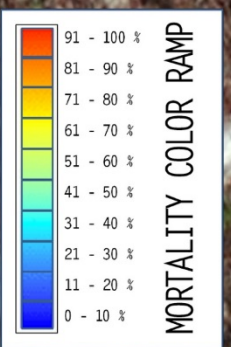
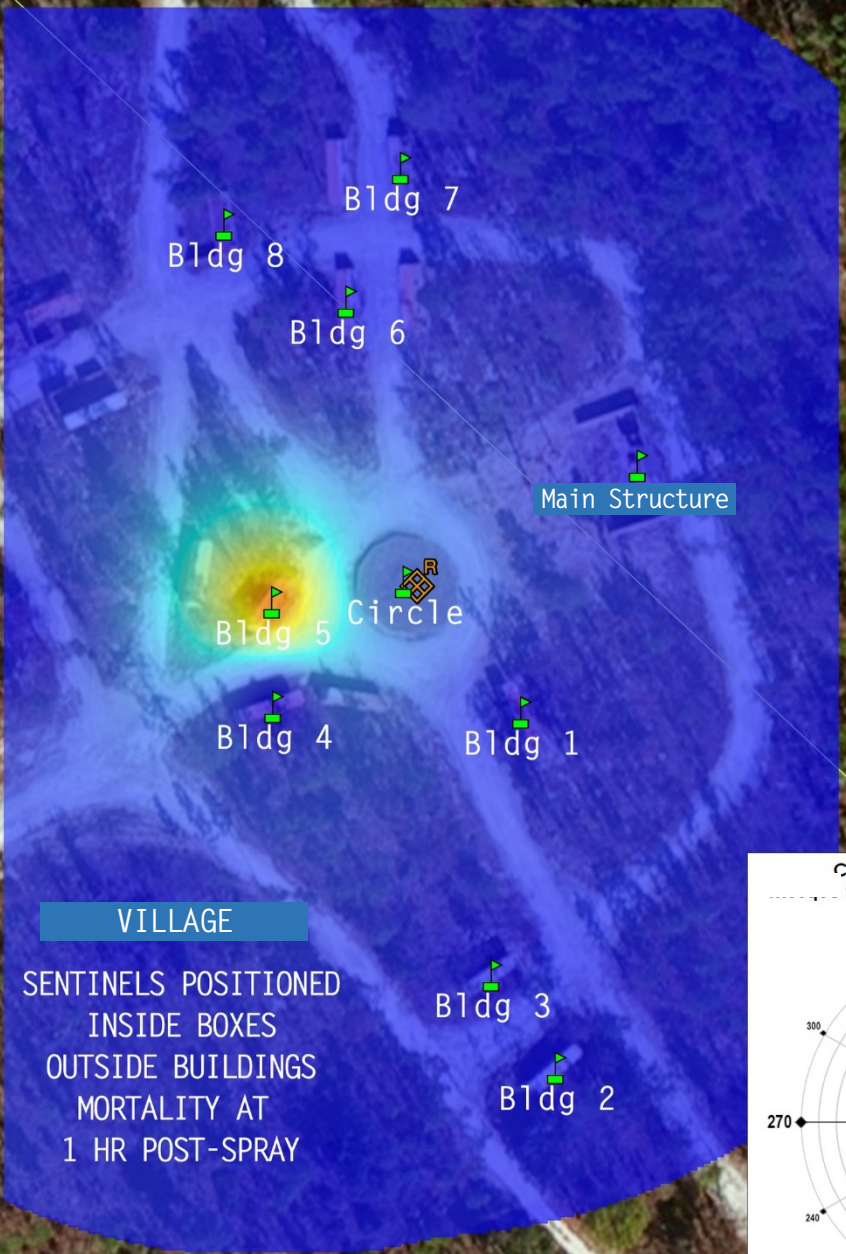
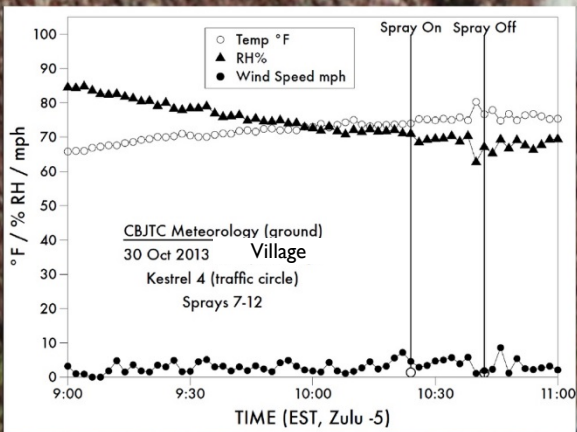


SET D

S37–S48 Figs. Naled efficacy (mortality), Village 30 Oct.

Figure S37
 30 October 2013
 8003 nozzles
 Village
 1 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



0 125 250 500 Feet

VILLAGE
 SENTINELS POSITIONED
 INSIDE BOXES
 OUTSIDE BUILDINGS
 MORTALITY AT
 1 HR POST-SPRAY

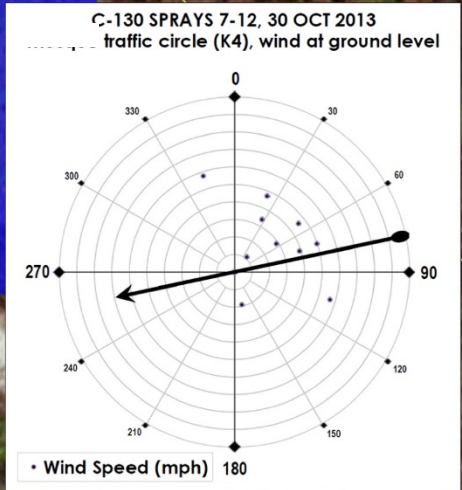
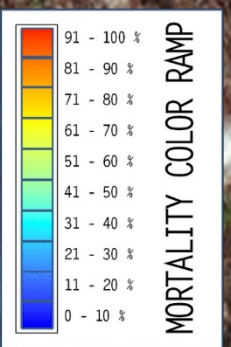
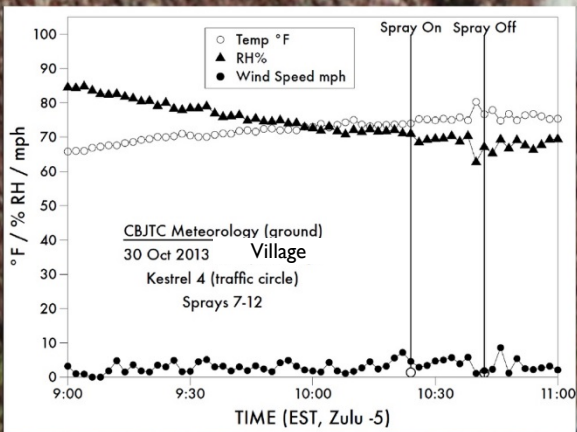


Figure S38
 30 October 2013
 8003 nozzles
 Village
 4 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



0 125 250 500 Feet

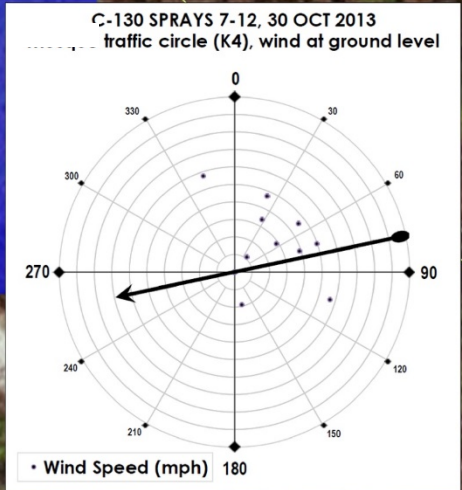
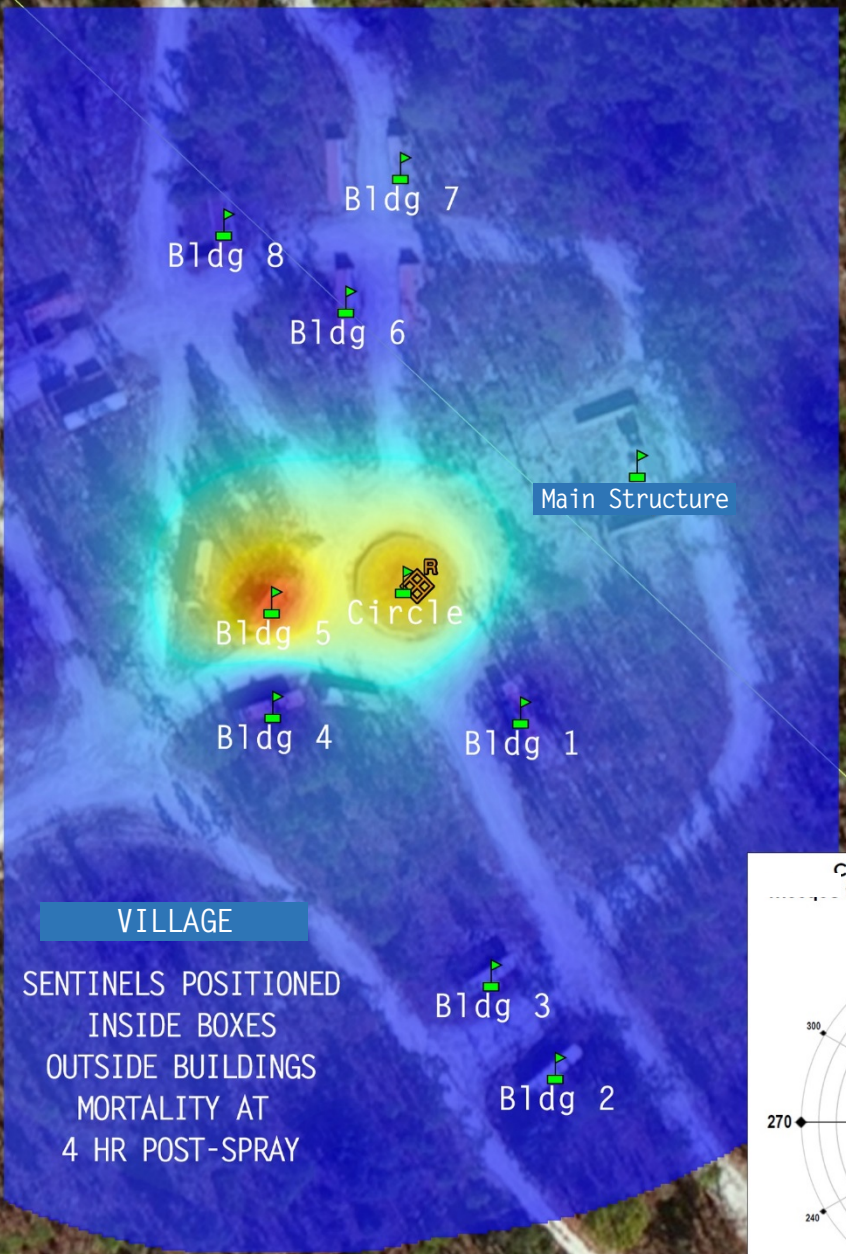
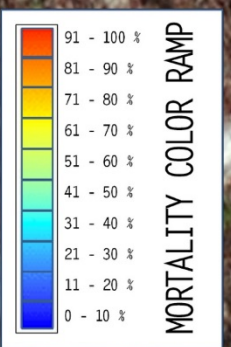
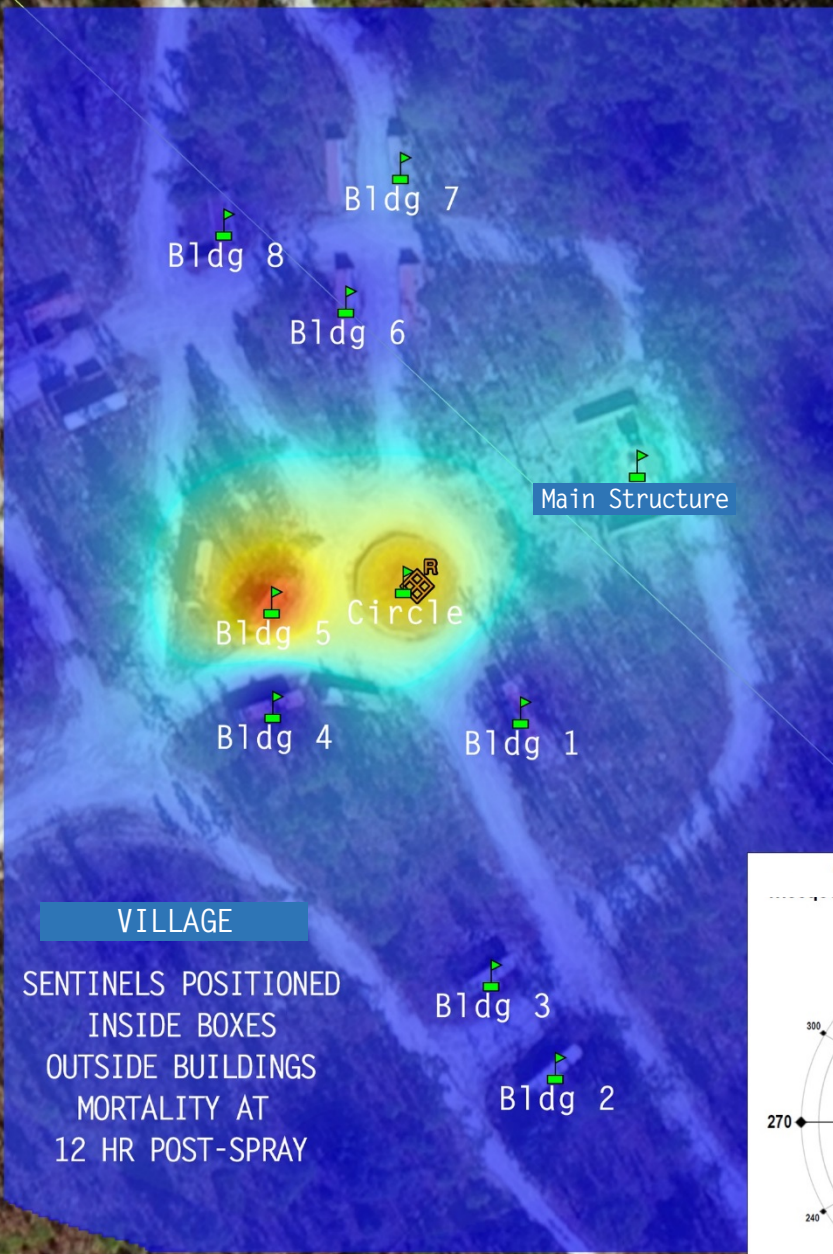
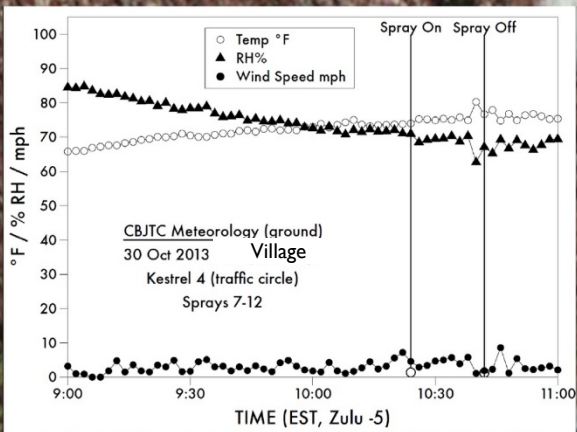


Figure S39
 30 October 2013
 8003 nozzles
 Village
 12 hr mortality
 Outdoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



VILLAGE
 SENTINELS POSITIONED
 INSIDE BOXES
 OUTSIDE BUILDINGS
 MORTALITY AT
 12 HR POST-SPRAY

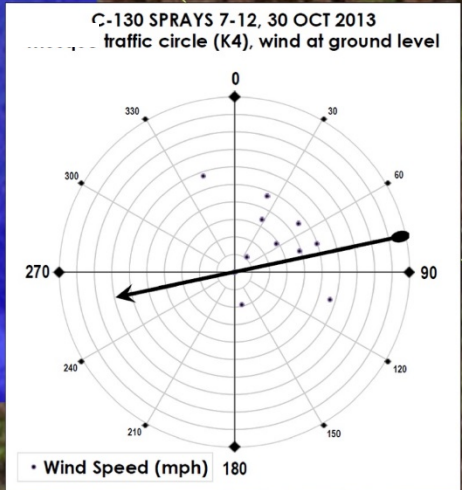
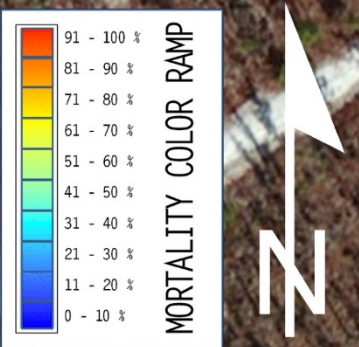
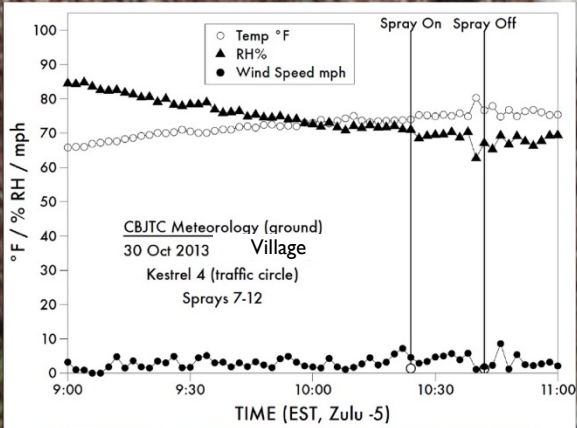


Figure S40
 30 October 2013
 8003 nozzles
 Village
 1 hr mortality
 Outdoors **ON POLE**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



0 125 250 500 Feet

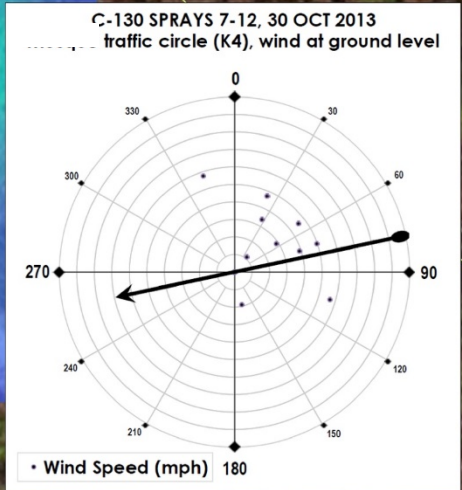
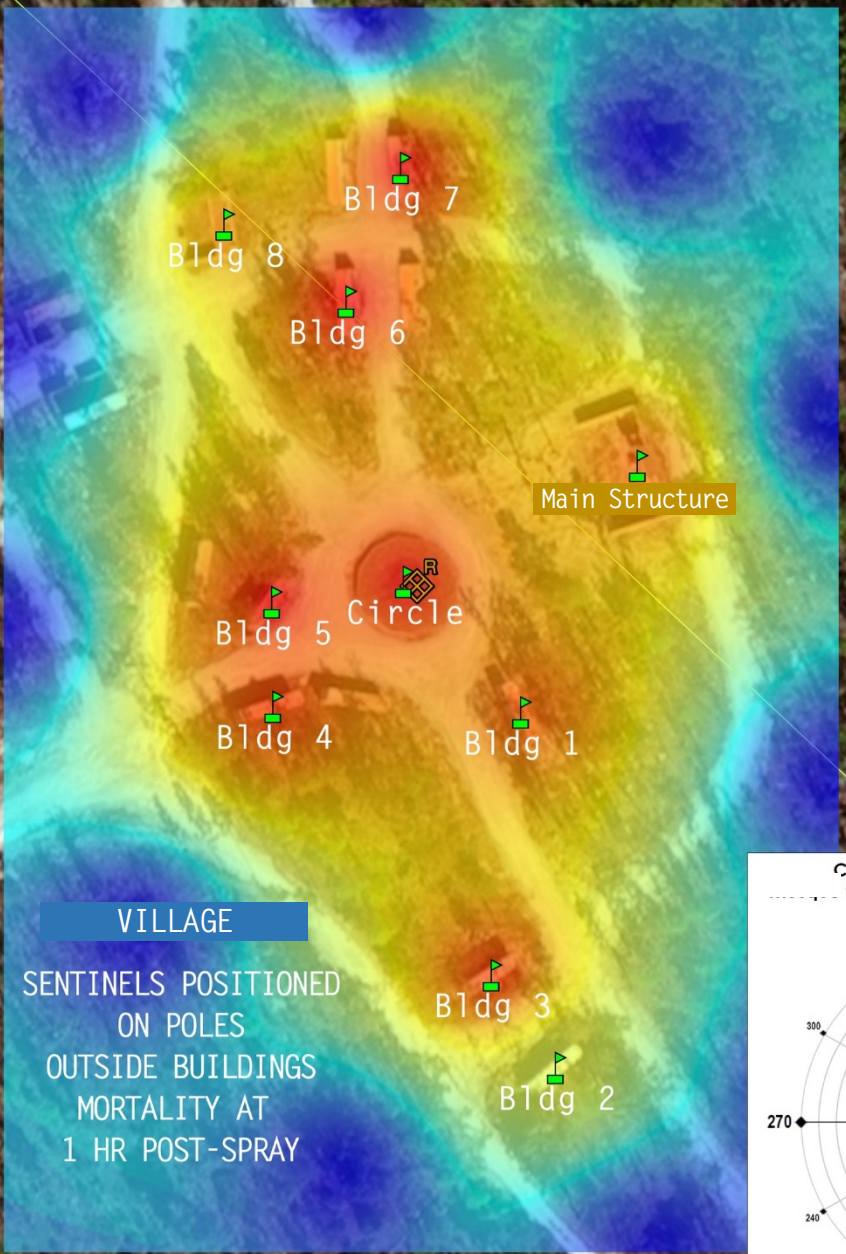


Figure S4I
 30 October 2013
 8003 nozzles
 Village
 4 hr mortality
 Outdoors **ON POLE**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL

2013-10-30

CAMP BLANDING JOINT TRAINING CENTER, FL

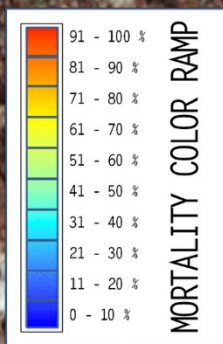
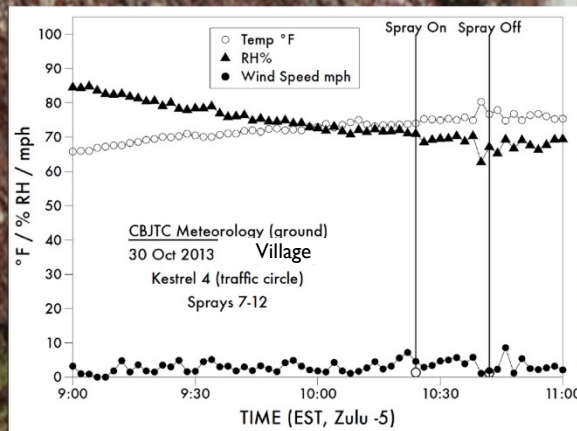
VILLAGE

NALED AERIAL APPLICATION

AE. AEGYPTI TARGET

SIX PASSES UPWIND OF EACH VILLAGE

8003 TEEJET NOZZLES



0 125 250 500 Feet

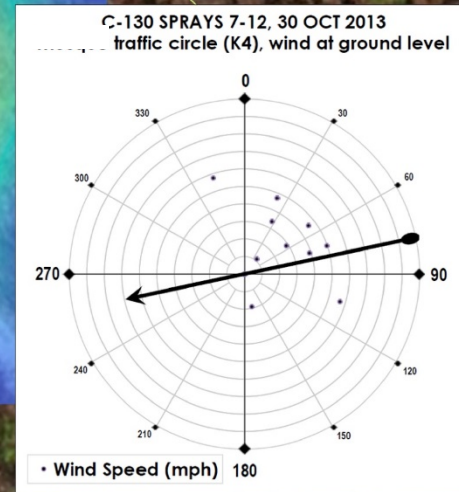
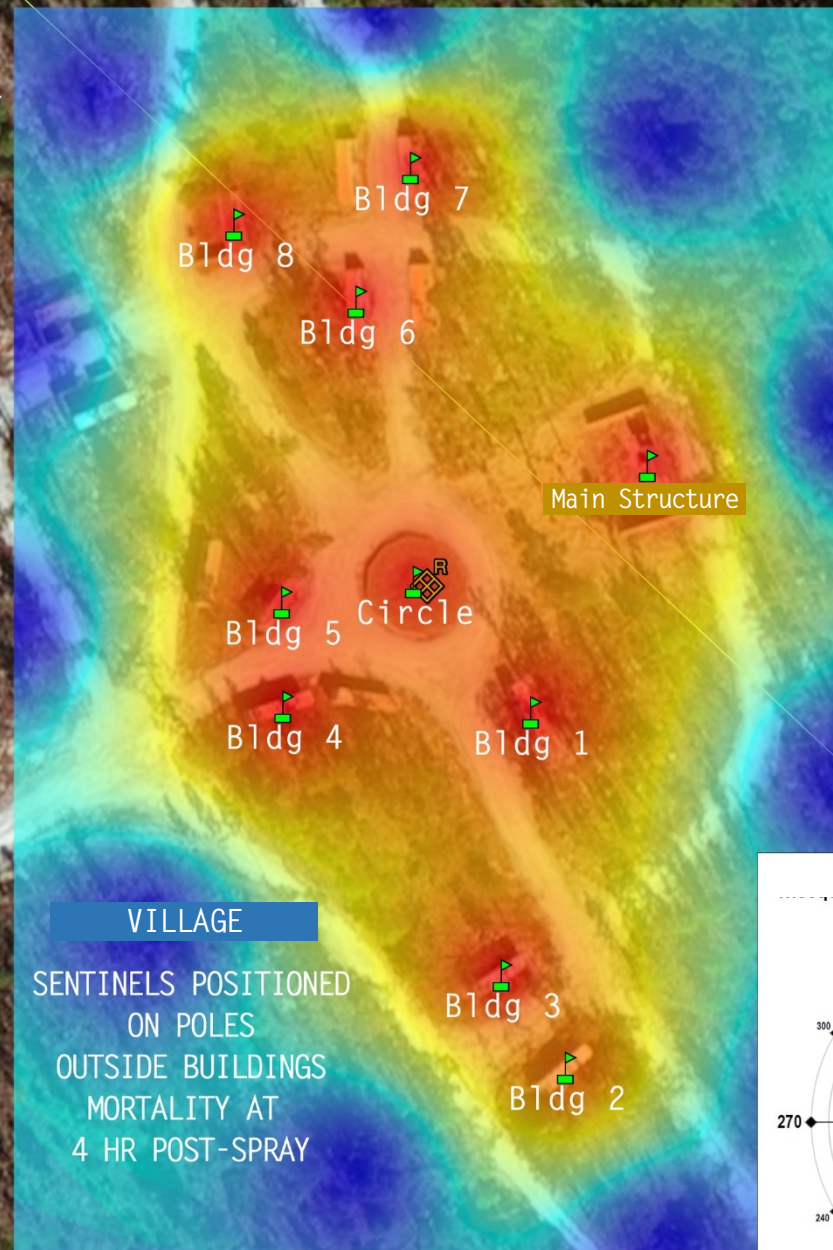
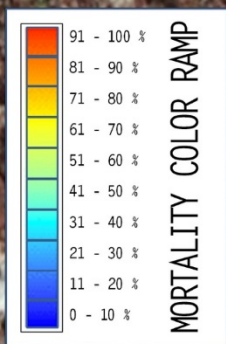
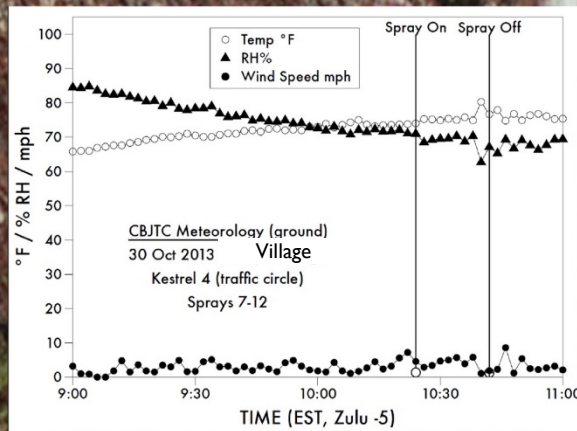


Figure S42
 30 October 2013
 8003 nozzles
 Village
 12 hr mortality
 Outdoors **ON POLE**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



0 125 250 500 Feet

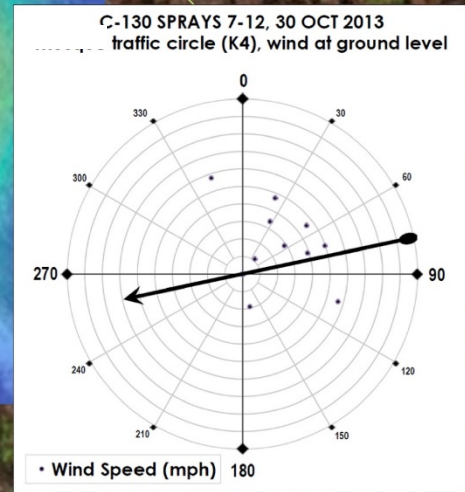
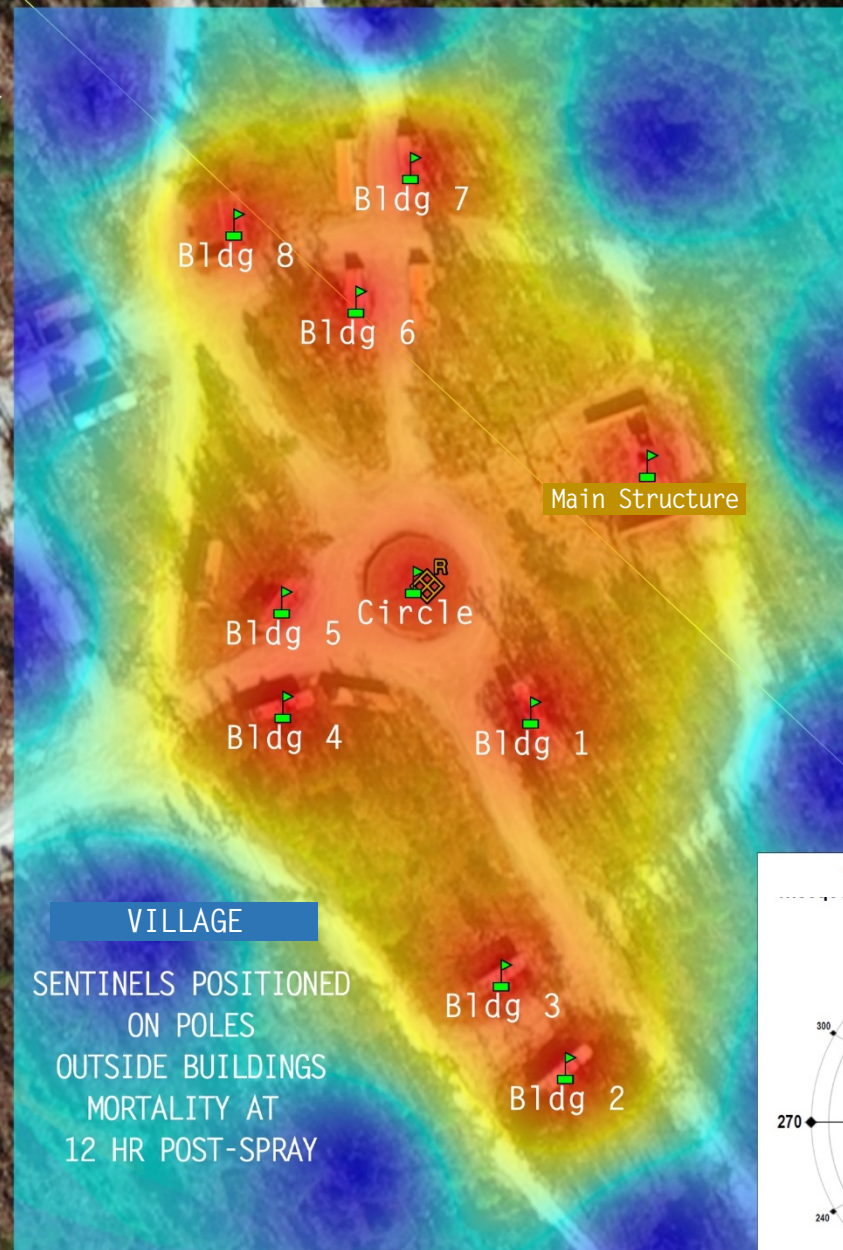
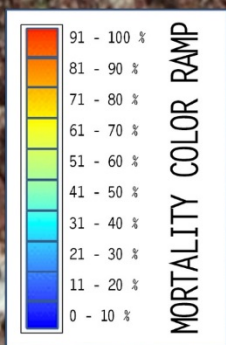
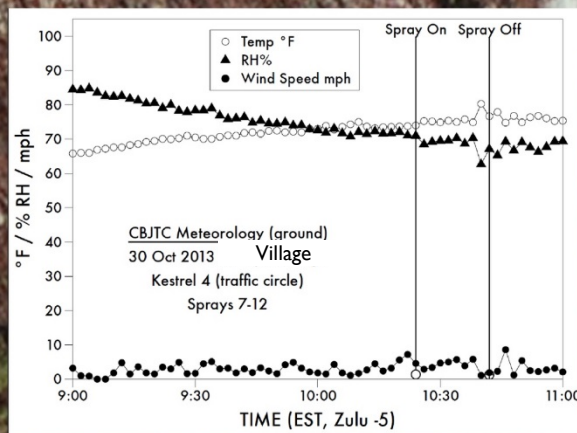


Figure S43
 30 October 2013
 8003 nozzles
 Village
 1 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



0 125 250 500 Feet

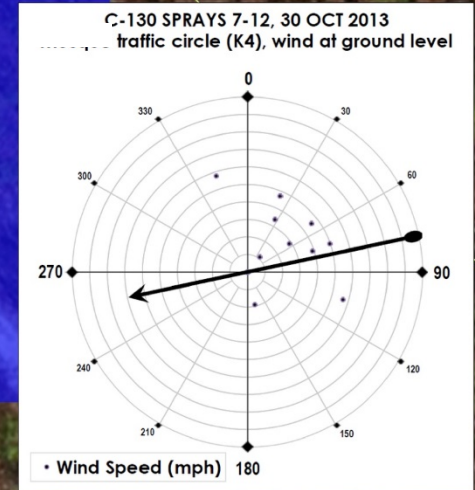
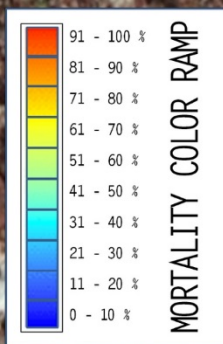
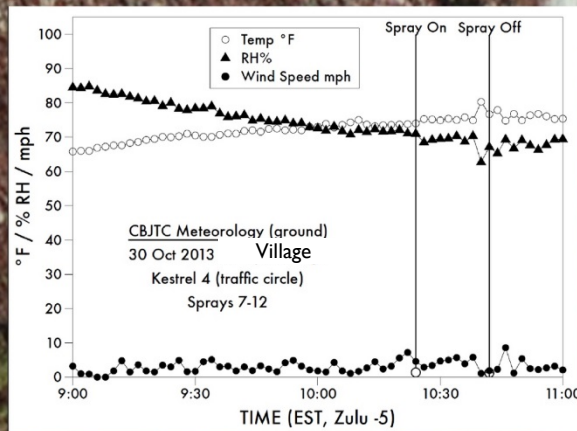


Figure S44
 30 October 2013
 8003 nozzles
 Village
 4 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



VILLAGE
 SENTINELS POSITIONED
 INSIDE BOXES
 INSIDE BUILDINGS
 MORTALITY AT
 4 HR POST-SPRAY

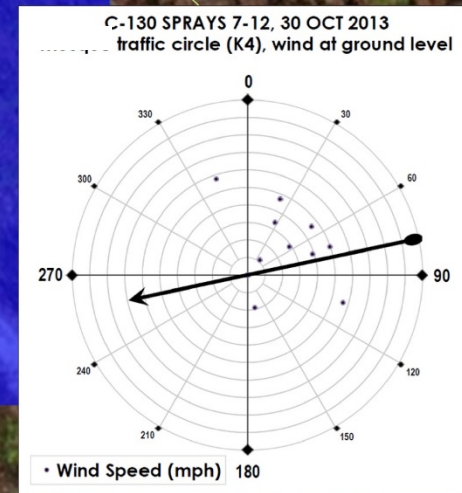
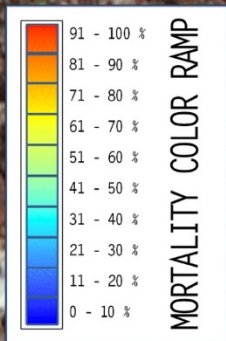
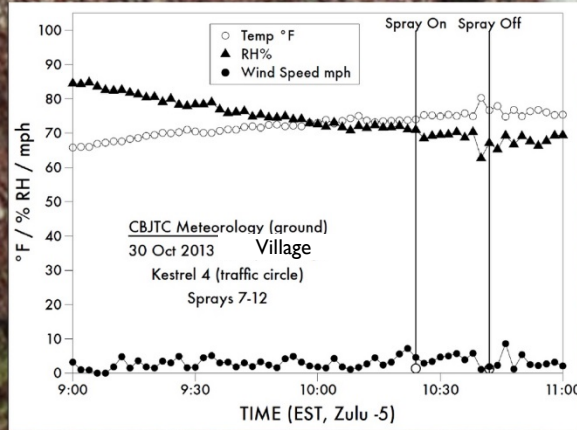


Figure S45
 30 October 2013
 8003 nozzles
 Village
 12 hr mortality
 Indoors **IN BOX**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



0 125 250 500 Feet

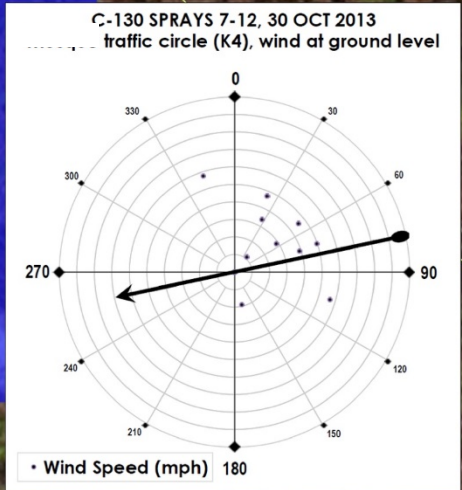
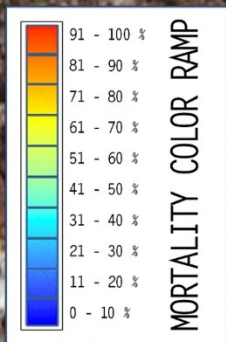
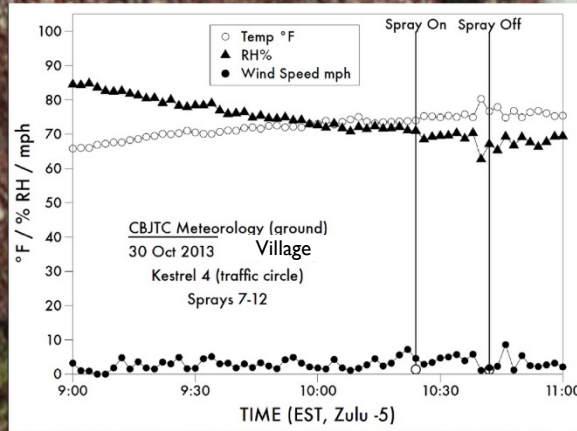


Figure S46
 30 October 2013
 8003 nozzles
 Village
 1 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



0 125 250 500 Feet

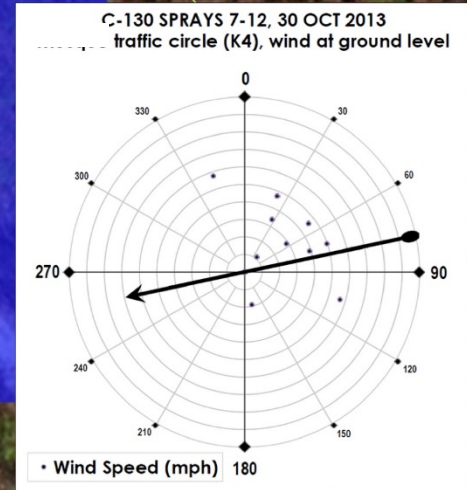
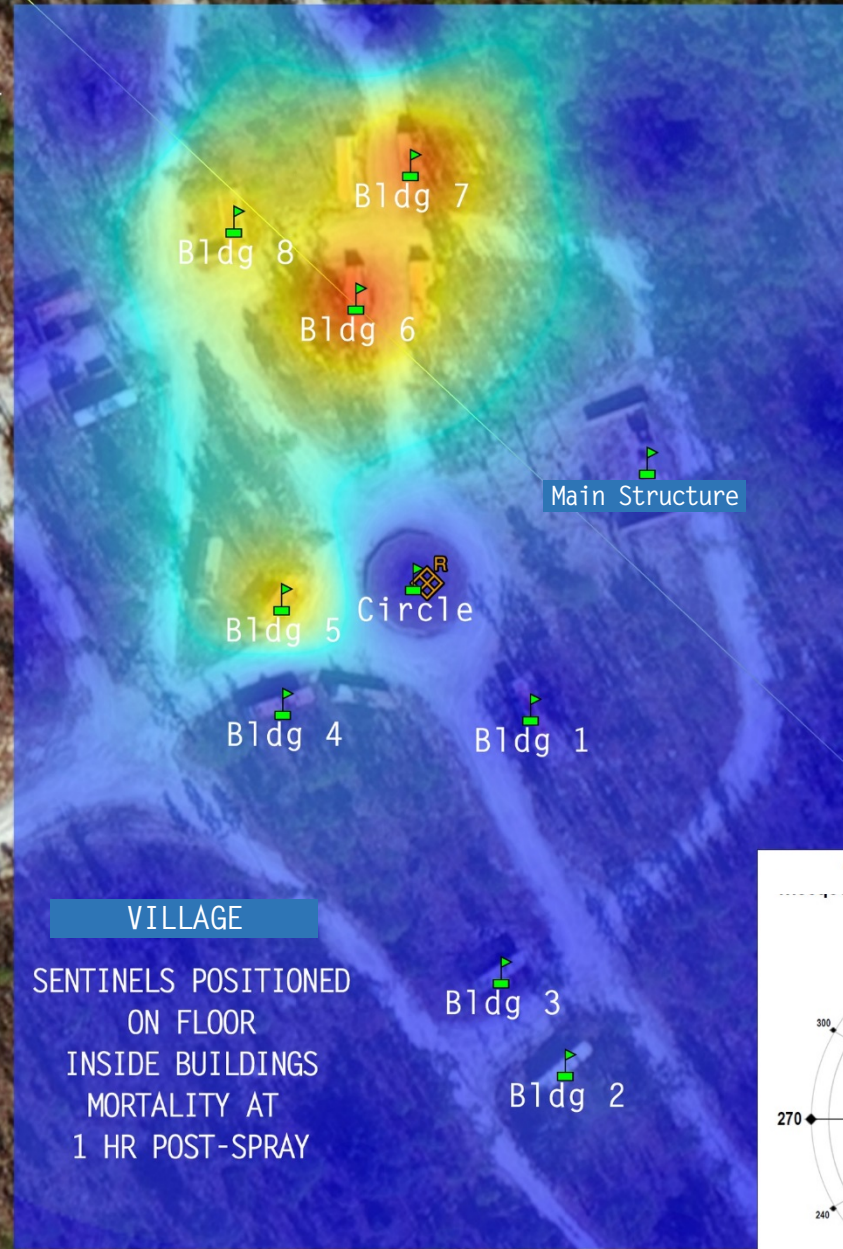


Figure S47
 30 October 2013
 8003 nozzles
 Village
 4 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES

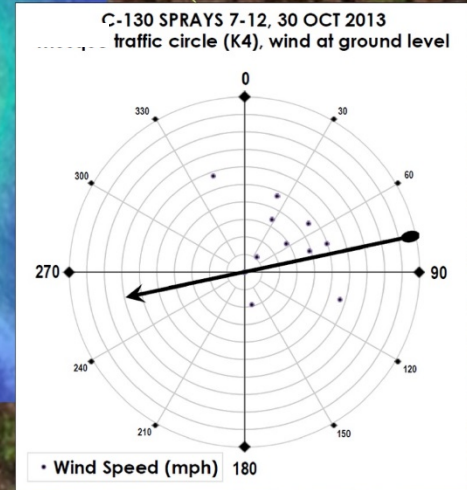
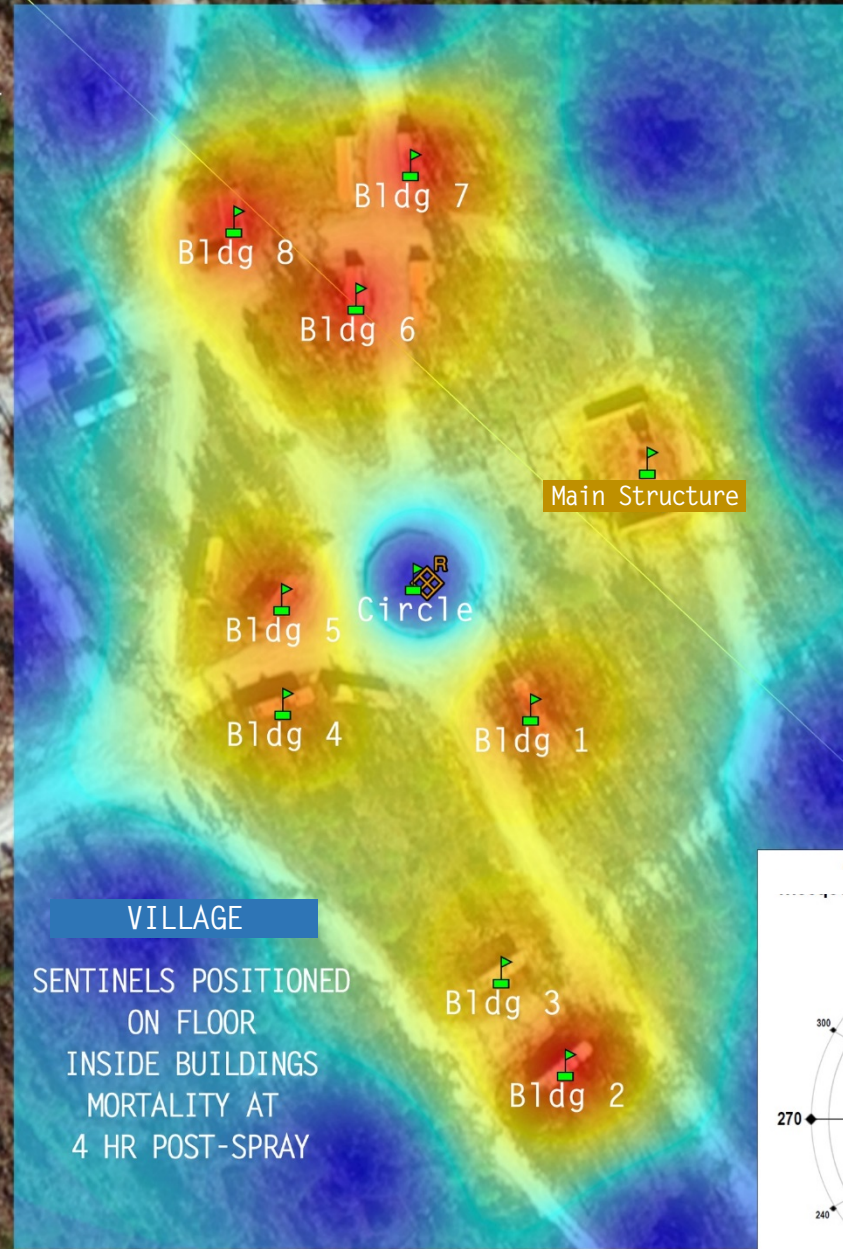
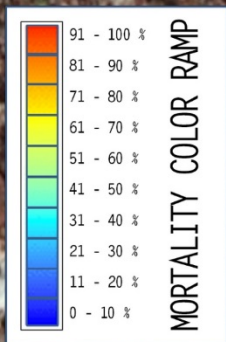
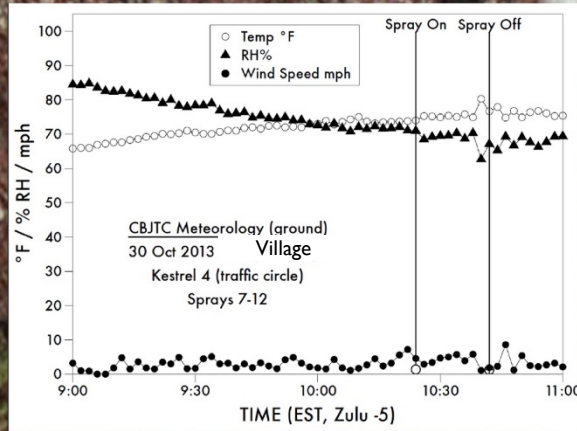
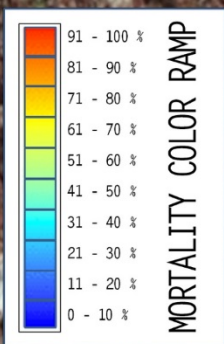
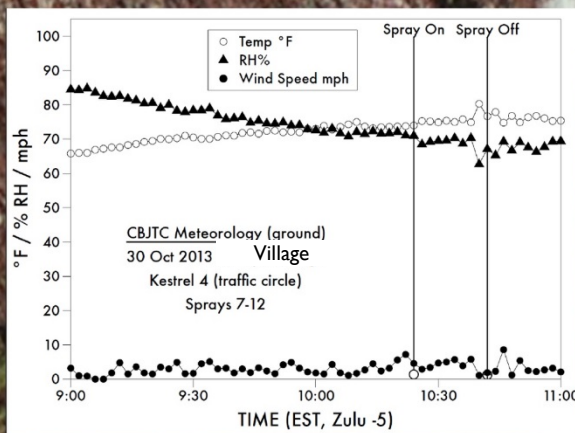
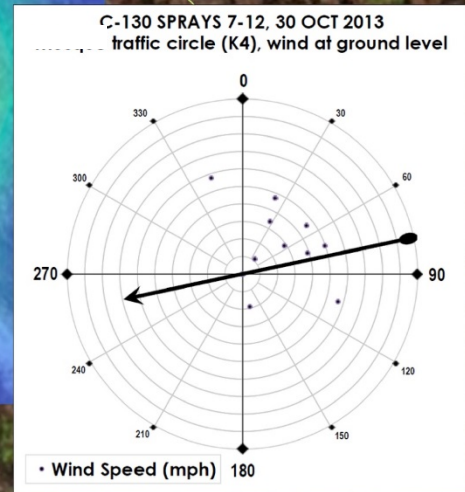
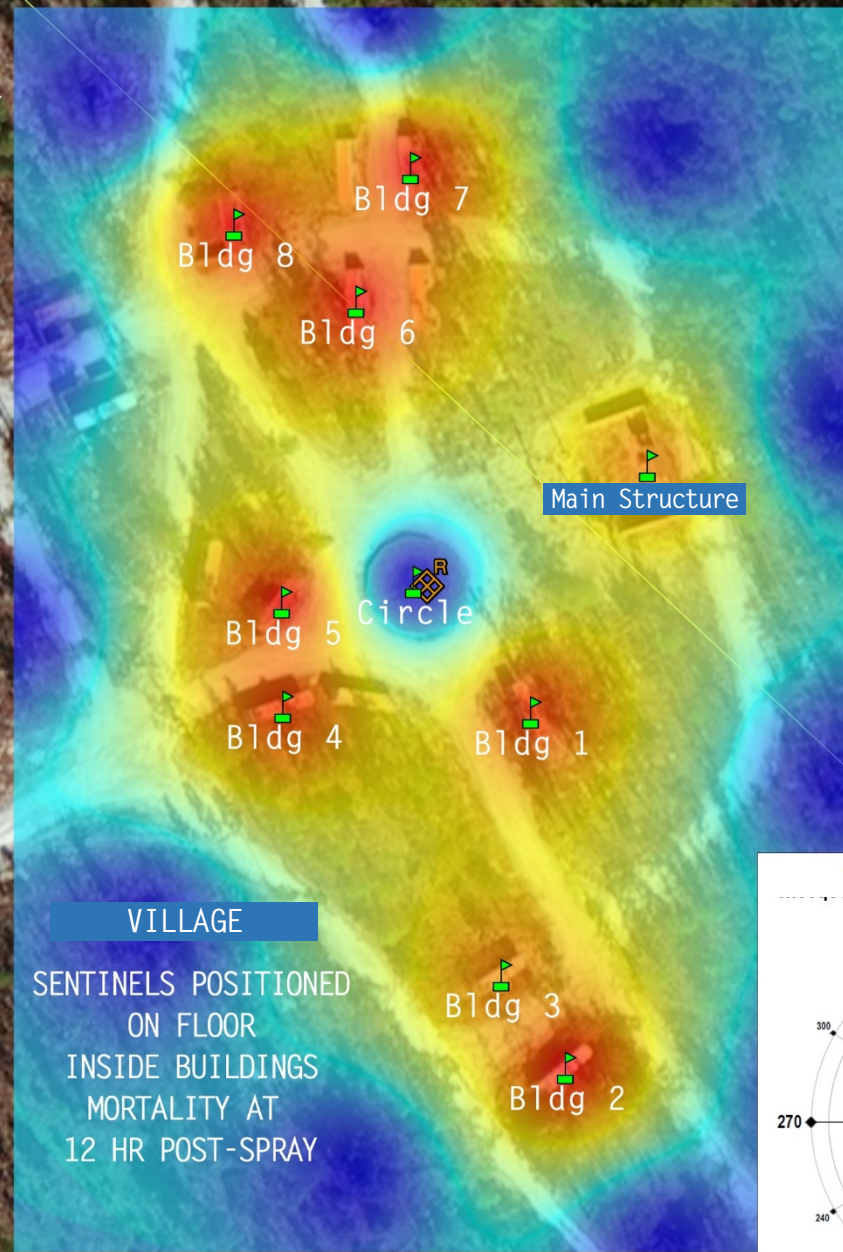


Figure S48
 30 October 2013
 8003 nozzles
 Village
 12 hr mortality
 Indoors **ON FLOOR**

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL
VILLAGE
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET
 SIX PASSES UPWIND OF EACH VILLAGE
 8003 TEEJET NOZZLES



0 125 250 500 Feet



SET E

S49–S50 Figs. Naled droplet densities, MOU 29 Oct.

Figure S49

29 October 2013

800I nozzles

MOUT South and nearby road Transect.

Droplet density (uncorrected) on 1/8-in spinning rods mounted on FLB spinners, in droplets per mm².

Note value of 33.62 in red with a black background to distinguish the FLB spinner located on a rooftop. All other values in red (with white background) represent FLB spinners at ground level.

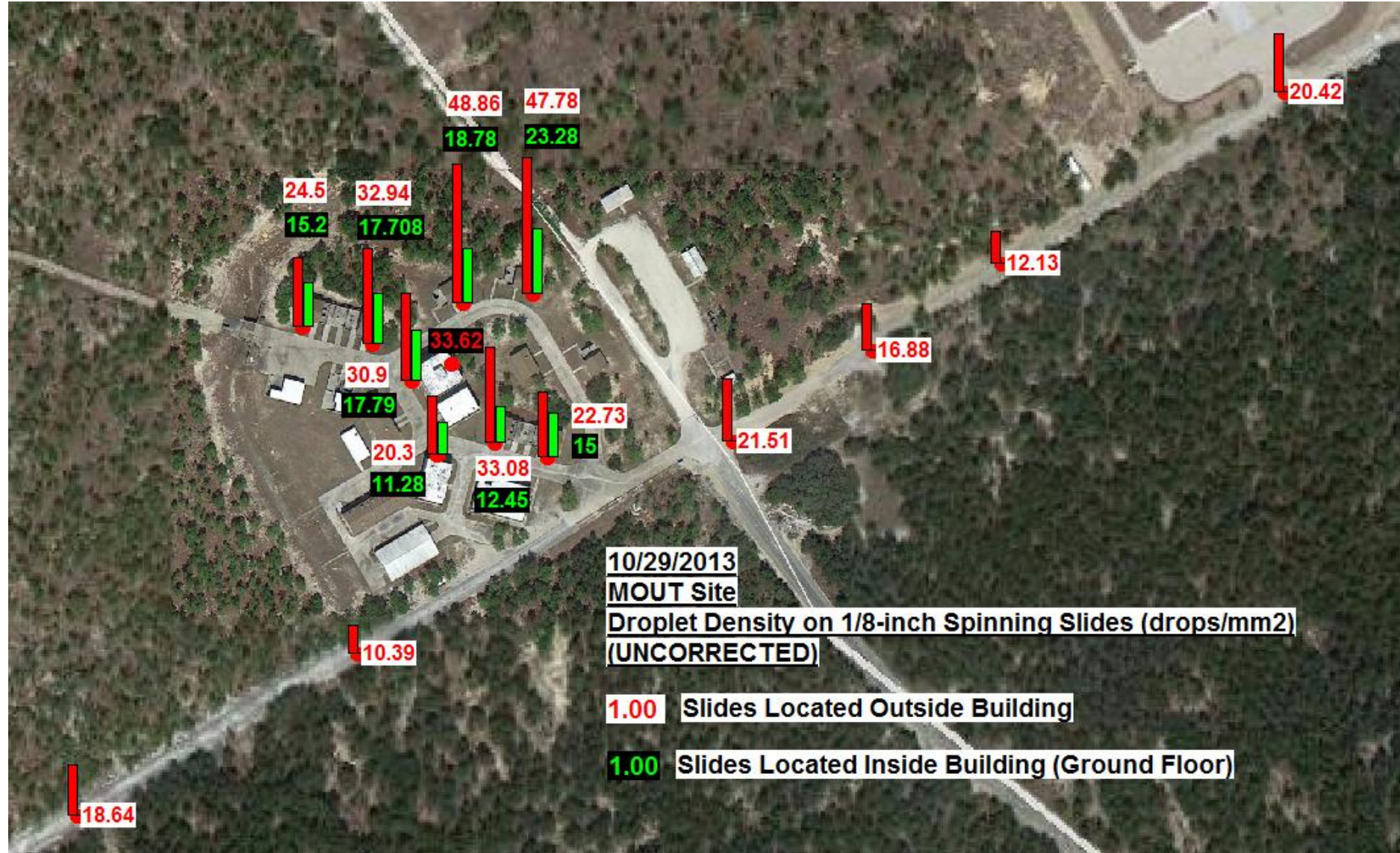


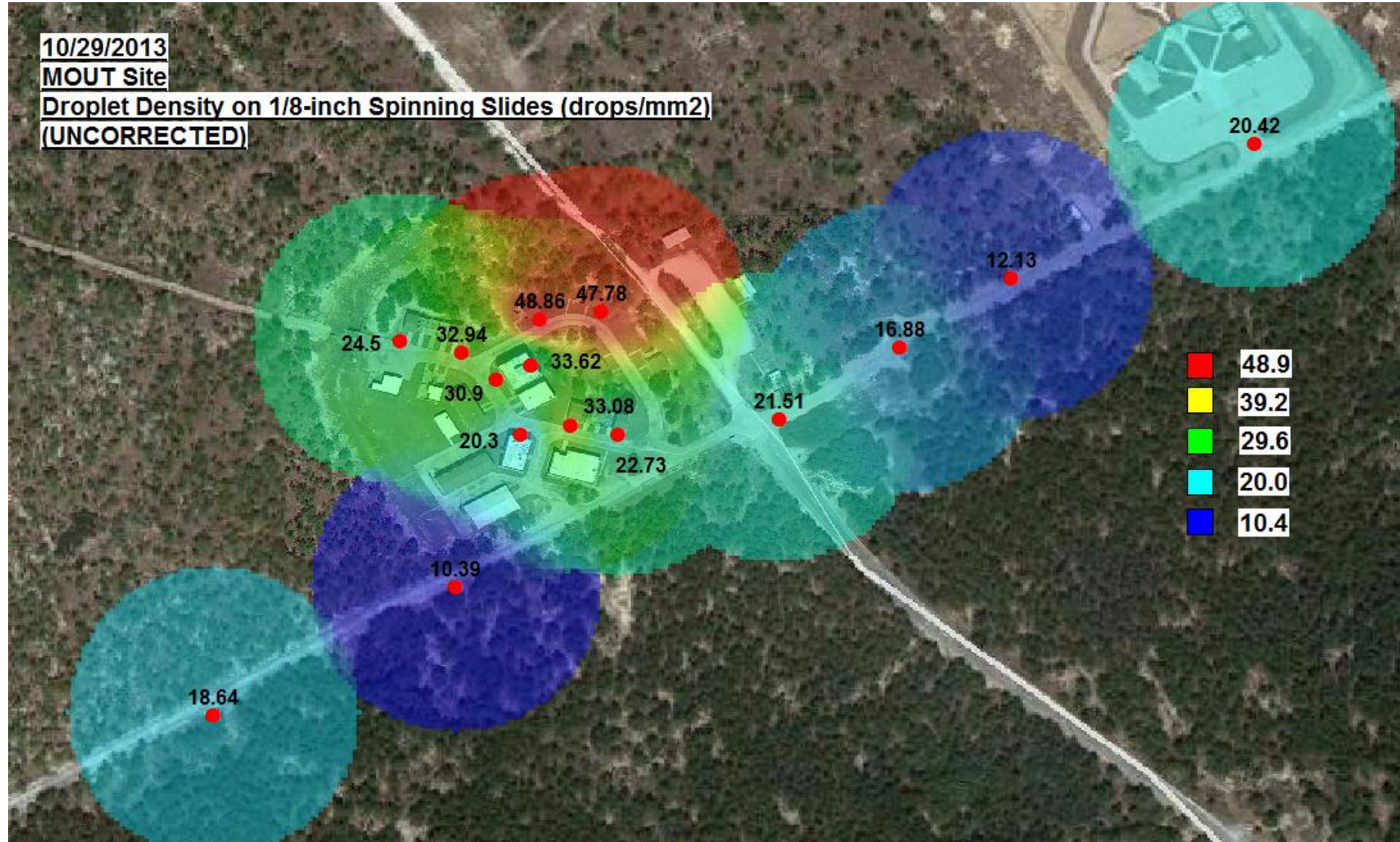
Figure S50

29 October 2013

8001 nozzles

MOUT South and nearby
road Transect.

Droplet density
(uncorrected) on 1/8-in
spinning rods mounted on
outdoor FLB spinners, in
droplets per mm²,
represented as a 'heat map'
to approximate transitions
among values at point
measurement locations.



SET F

S51–S52 Figs. Naled droplet densities, MOU 30 Oct.

Figure S51

30 October 2013

8003 nozzles

MOUT South and nearby
road Transect.

Droplet density
(uncorrected) on 1/8-in
spinning rods mounted on
FLB spinners, in droplets per
 mm^2 .

Note value of 33.62 in red
with a **yellow** background
to distinguish the FLB
spinner located on a rooftop.
All other values in red (with
white background) represent
FLB spinners at ground level.

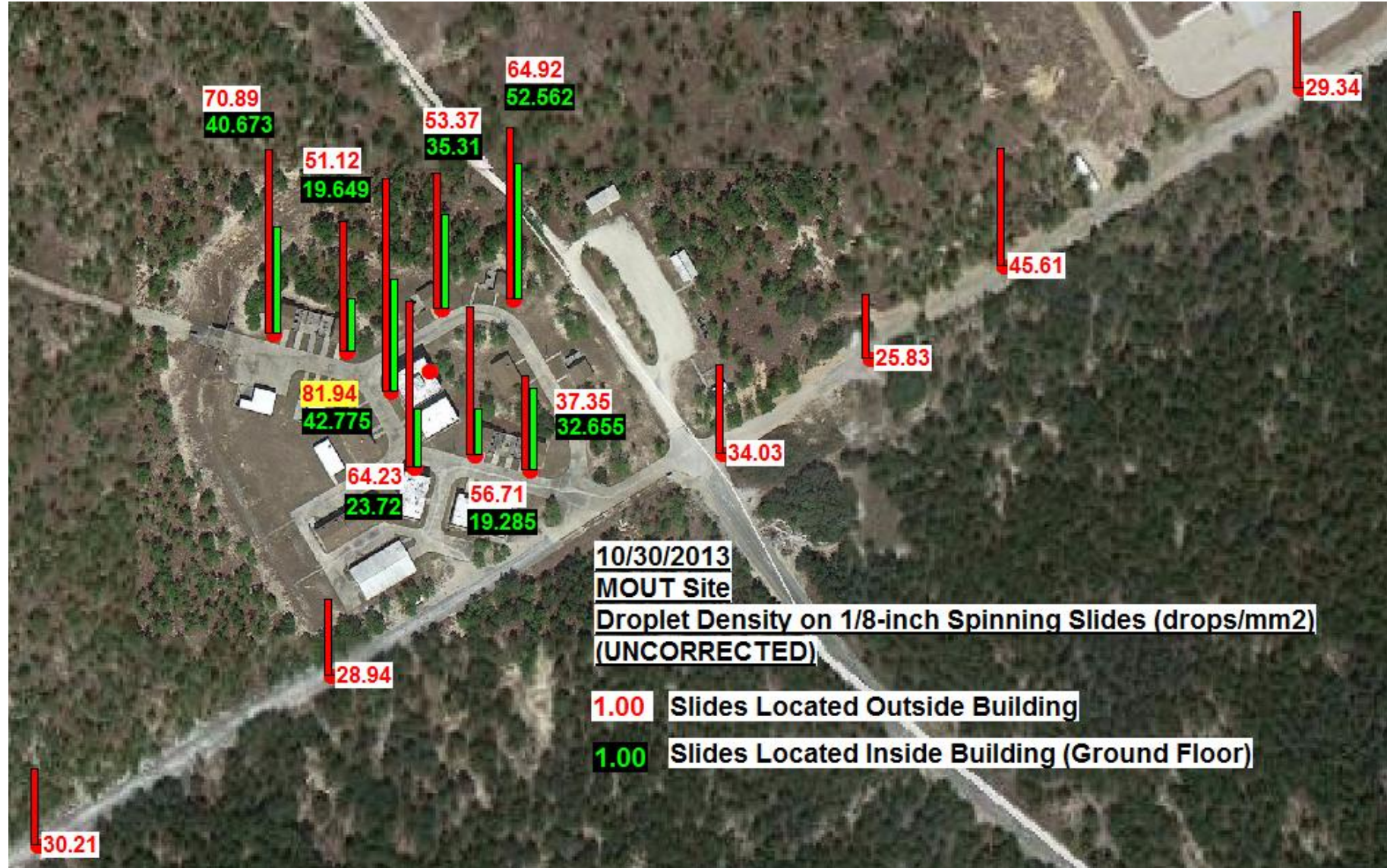


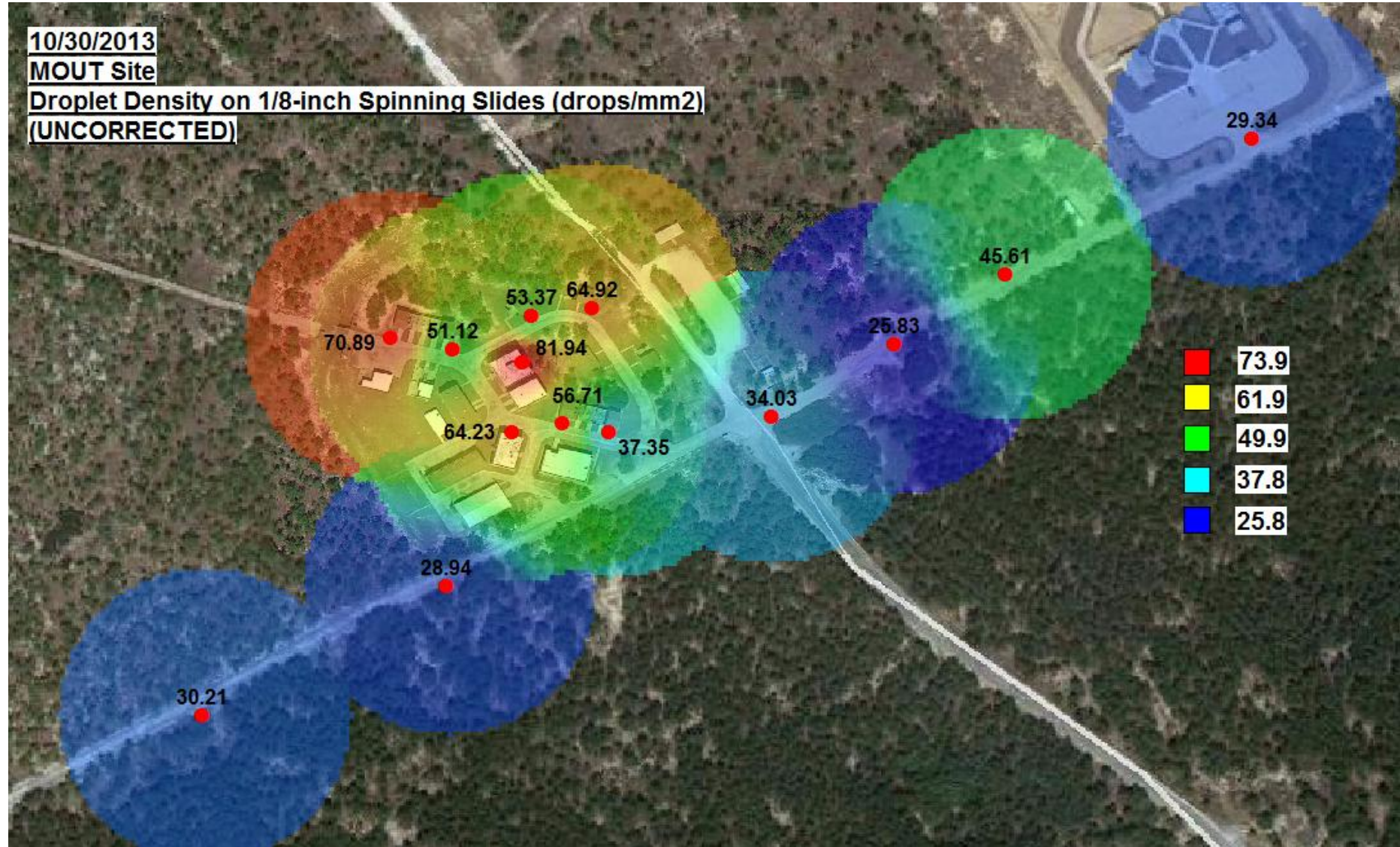
Figure S52

30 October 2013

8003 nozzles

MOUT South and nearby
road Transect.

Droplet density
(uncorrected) on 1/8-in
spinning rods mounted on
outdoor FLB spinners, in
droplets per mm²,
represented as a 'heat map'
to approximate transitions
among values at point
measurement locations.



SET G

S53–S54 Figs. Naled droplet densities, Village 29 Oct.

Figure S53

29 October 2013

8001 nozzles

Village and nearby road

Transect

Droplet density (uncorrected) on 1/8-in spinning rods mounted on FLB spinners, in droplets per mm².



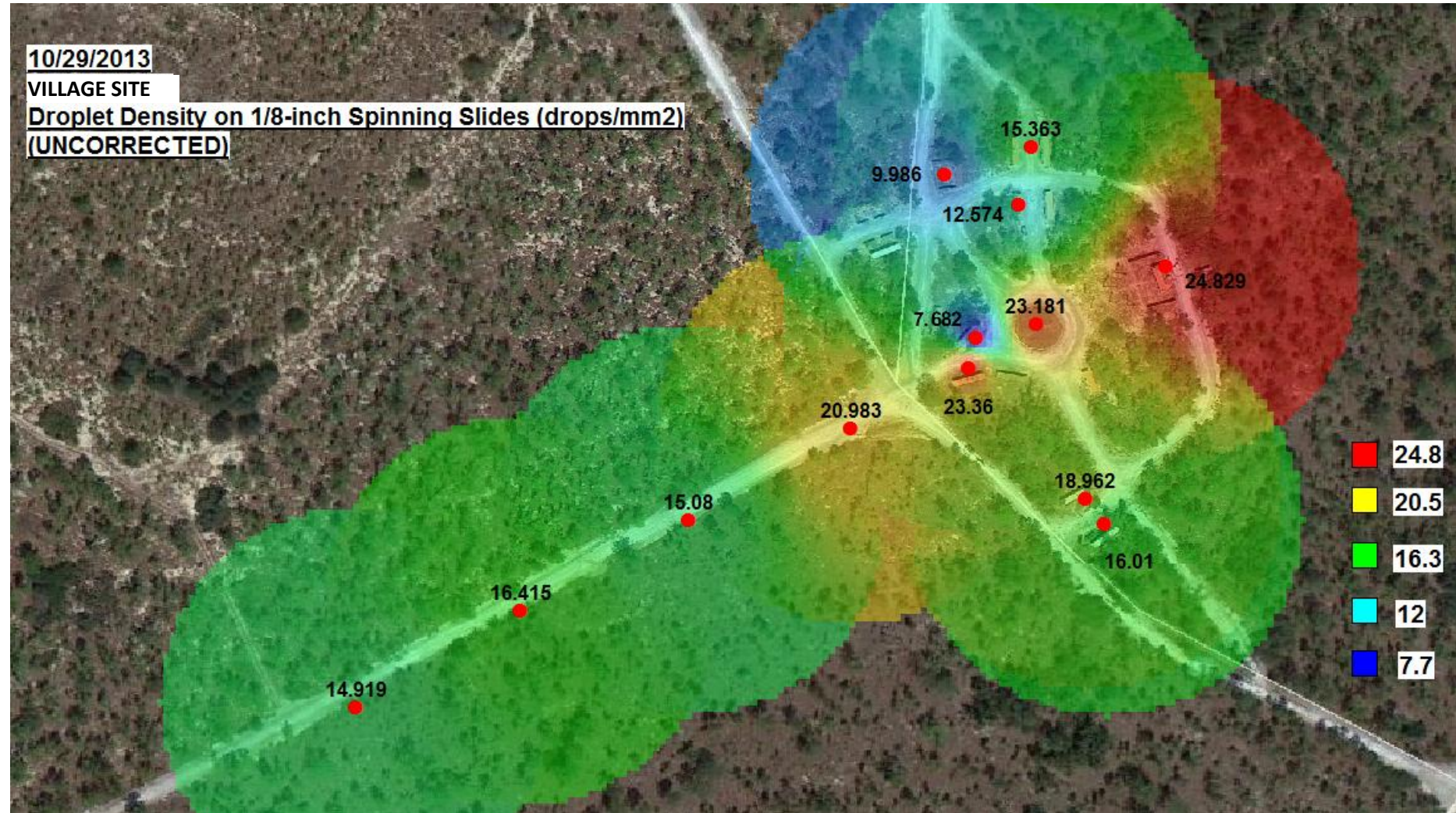
Figure S54

29 October 2013

800I nozzles

Village and nearby road
Transect.

Droplet density
(uncorrected) on 1/8-in
spinning rods mounted on
outdoor FLB spinners, in
droplets per mm²,
represented as a 'heat map'
to approximate transitions
among values at point
measurement locations.



SET H

S55–S56 Figs. Naled droplet densities, Village 30 Oct.

Figure S55

30 October 2013

8003 nozzles

Village and nearby road

Transect

Droplet density (uncorrected) on 1/8-in spinning rods mounted on FLB spinners, in droplets per mm².



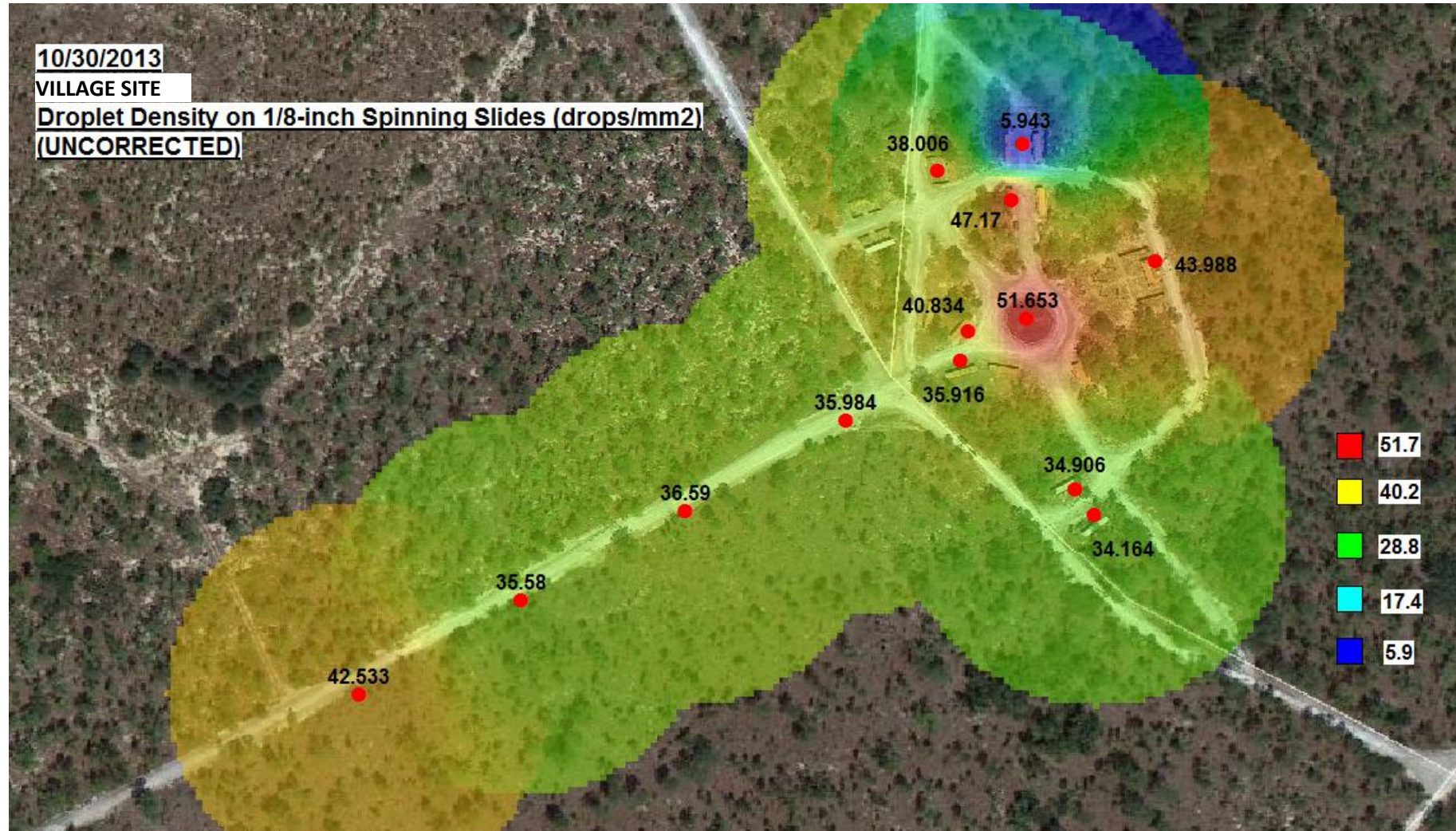
Figure S56

30 October 2013

8003 nozzles

Village and nearby road
Transect.

Droplet density
(uncorrected) on 1/8-in
spinning rods mounted on
outdoor FLB spinners, in
droplets per mm²,
represented as a 'heat map'
to approximate transitions
among values at point
measurement locations.



SET I

S57–S59 Figs. Naled droplet densities, Transects 29 Oct.

Figure S57
 29 October 2013
 800I nozzles
 Road Transects
 1 hr mortality

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL

MOUT SOUTH & VILLAGE SITES
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET

SIX PASSES UPWIND OF EACH VILLAGE
 SENTINEL MOSQUITOES OUTDOORS ON POLES
 MORTALITY AT 1 HR POST-SPRAY
 8001 TEEJET NOZZLES

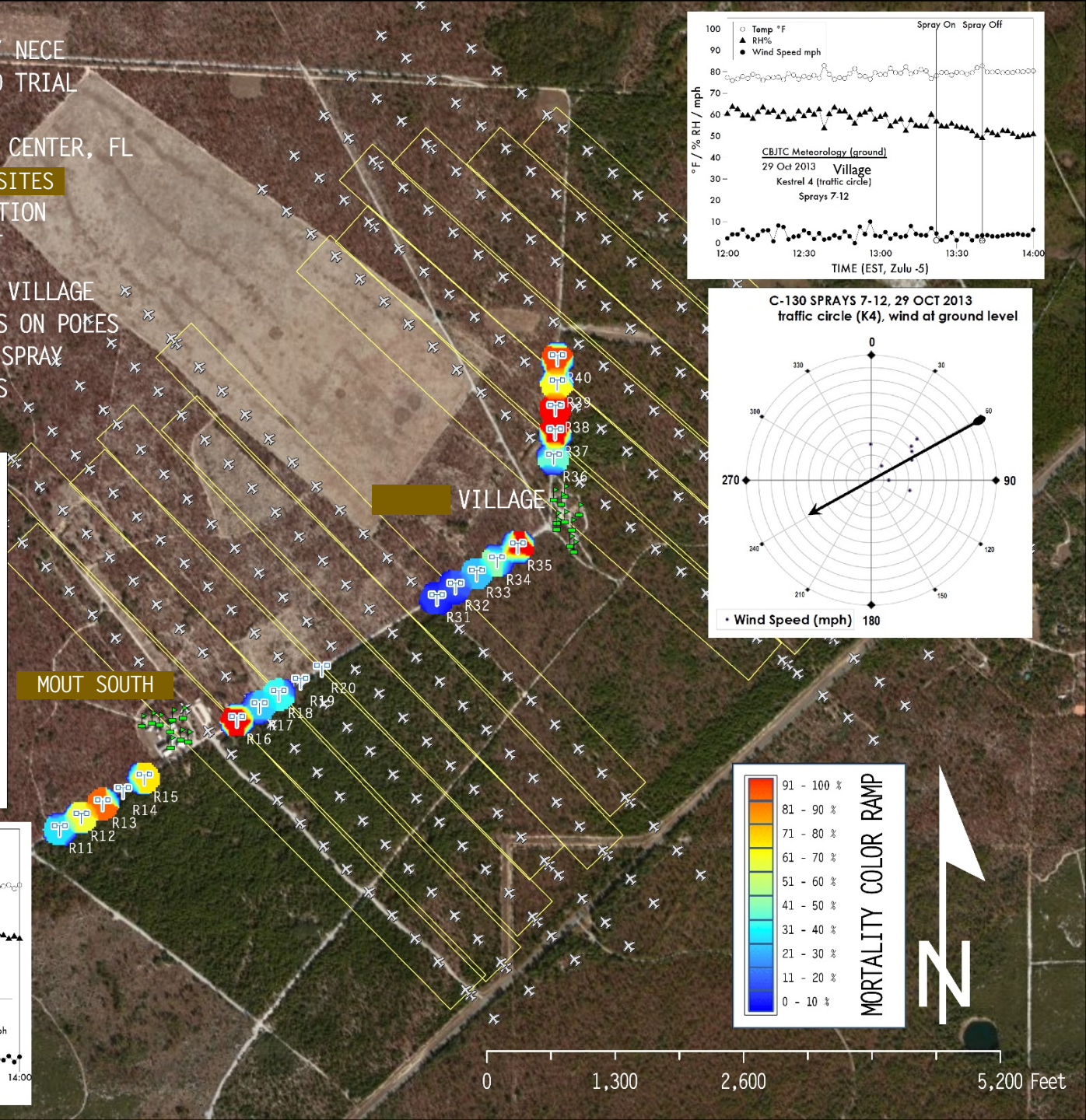
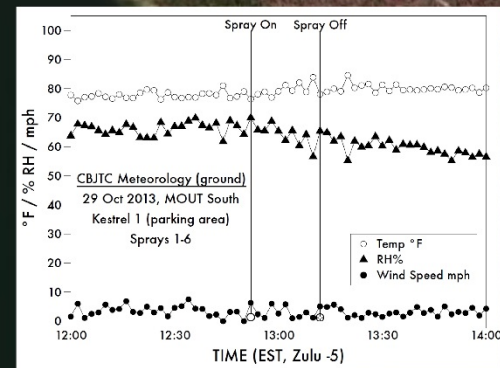
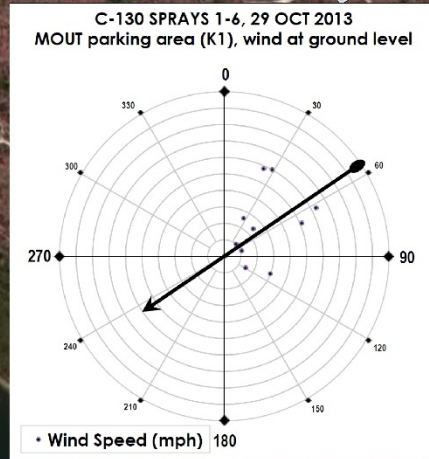
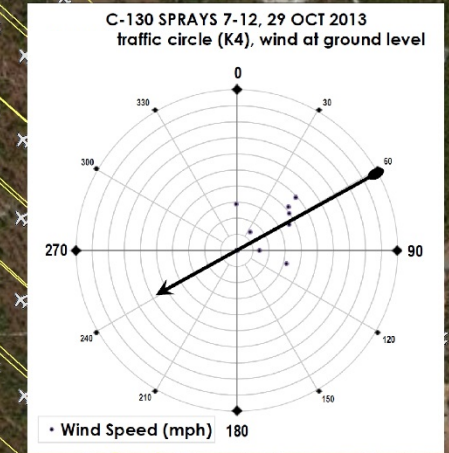
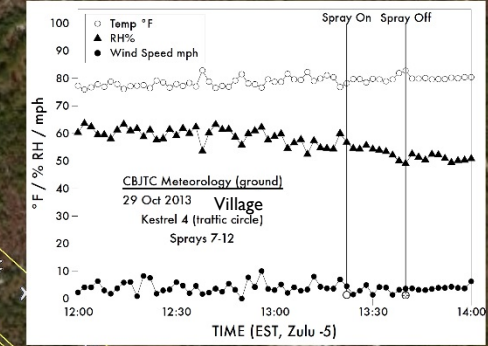


Figure S58
 29 October 2013
 800I nozzles
 Road Transects
 4 hr mortality

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL

MOUT SOUTH & VILLAGE SITES
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET

SIX PASSES UPWIND OF EACH VILLAGE
 SENTINEL MOSQUITOES OUTDOORS ON POLES
 MORTALITY AT 4 HR POST-SPRAY
 8001 TEEJET NOZZLES

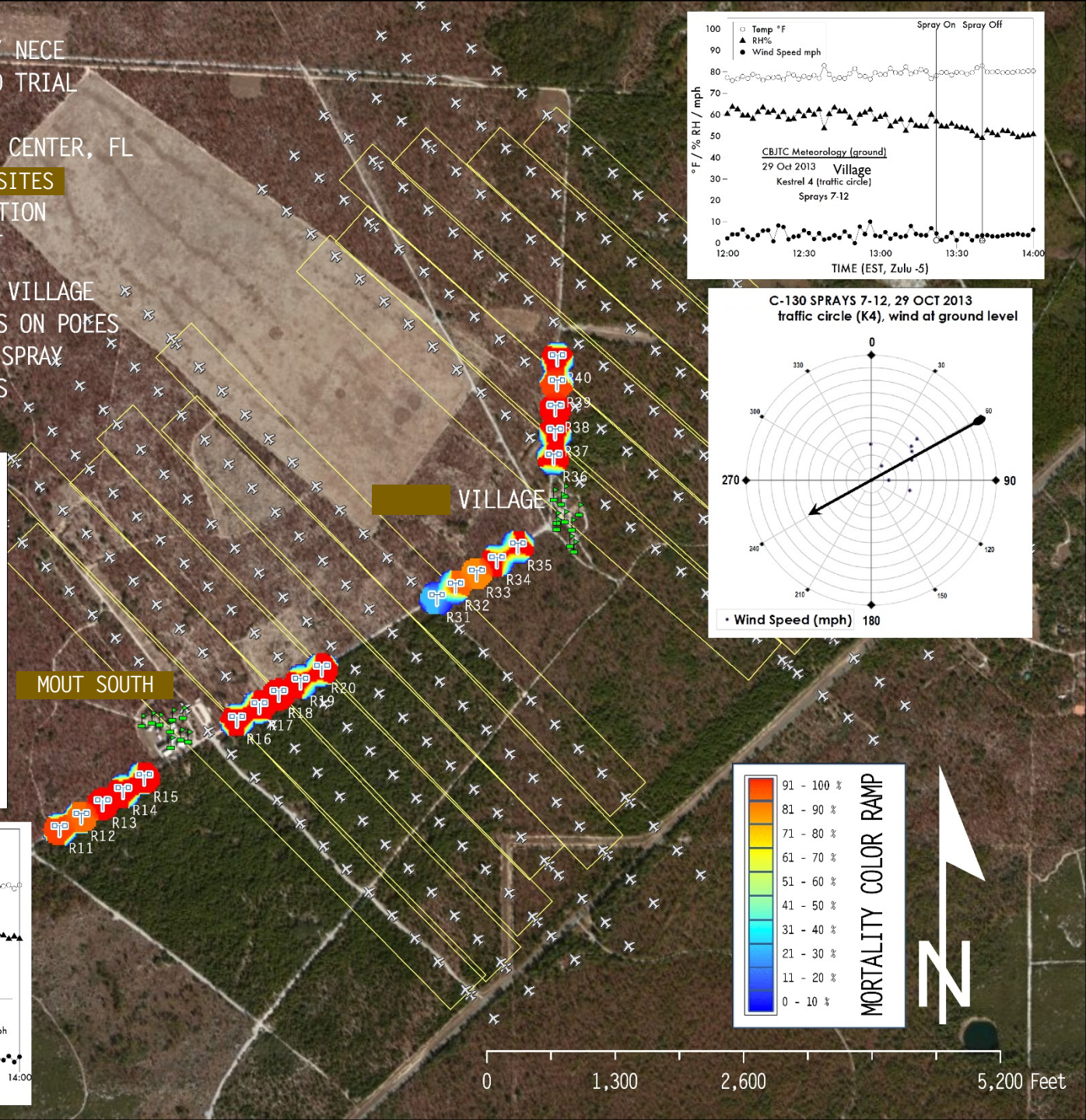
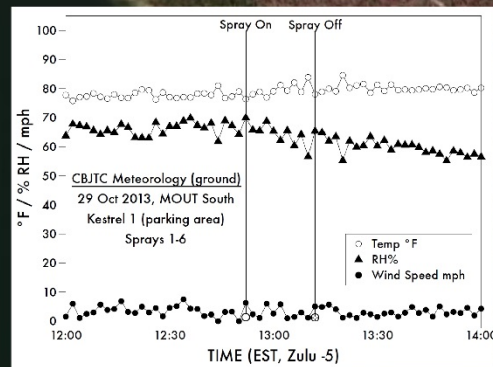
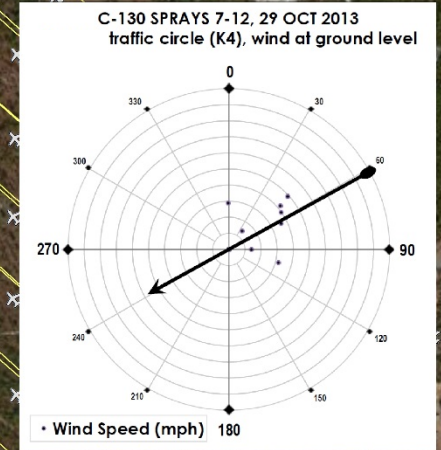
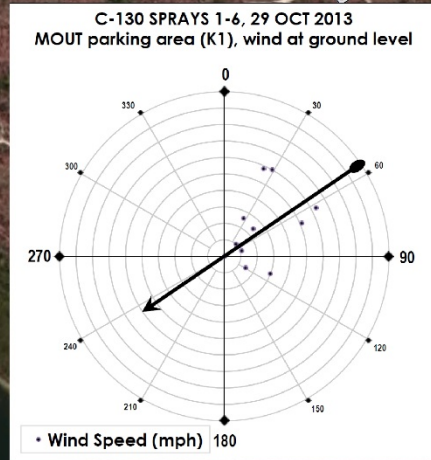
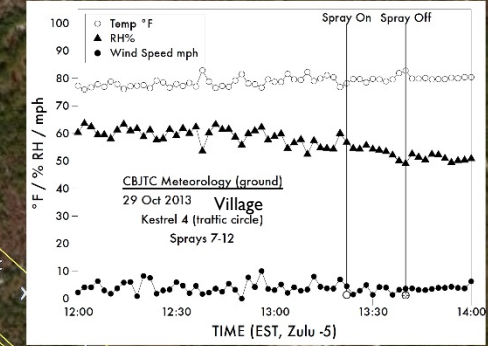
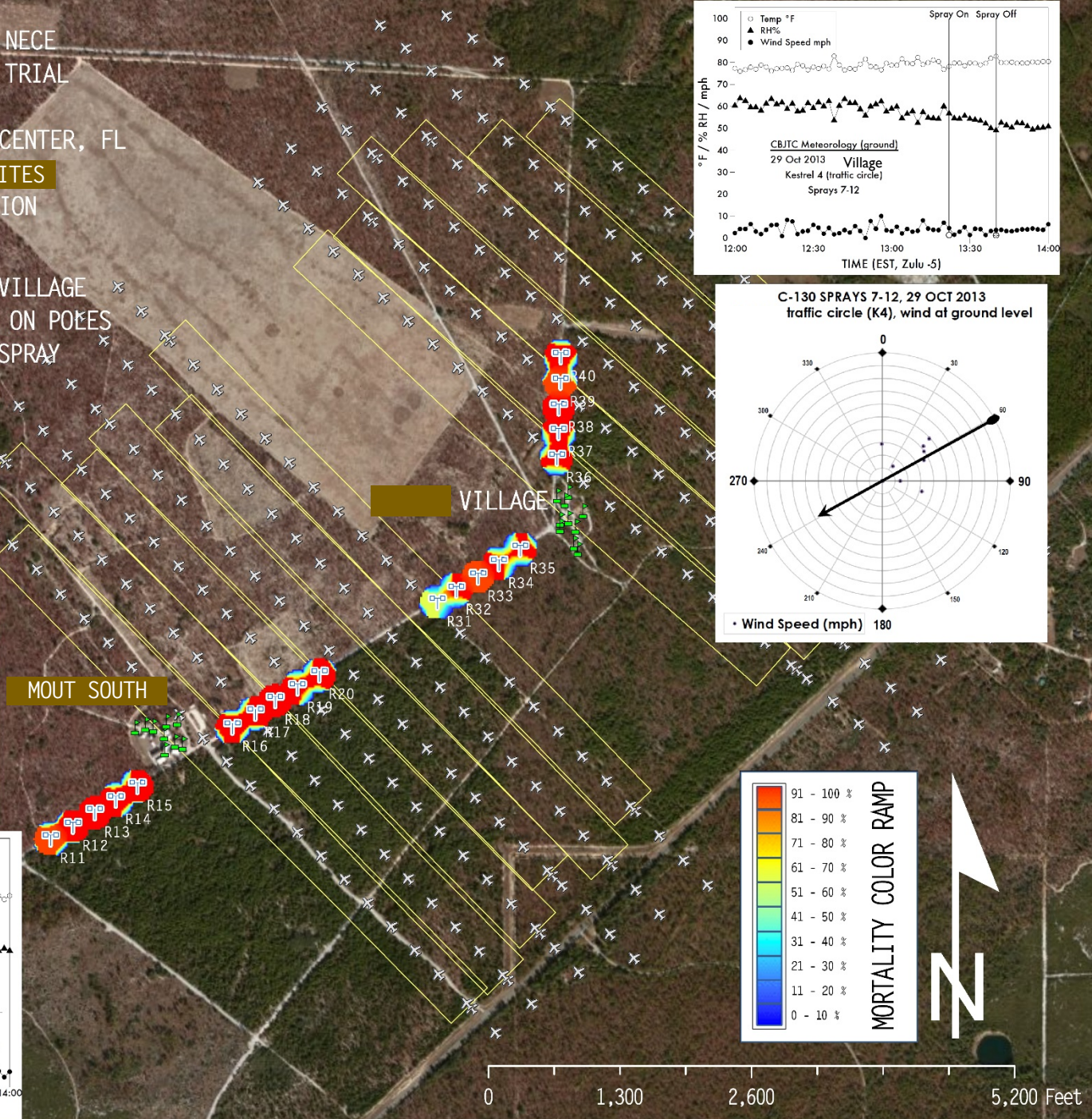
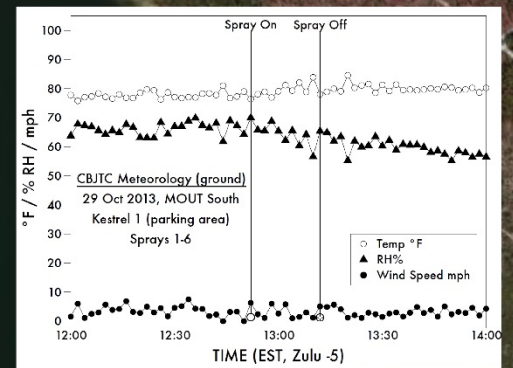
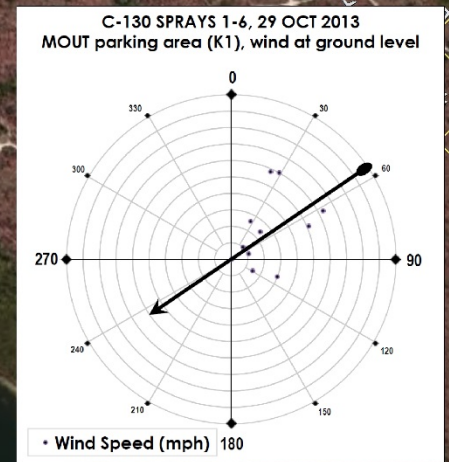
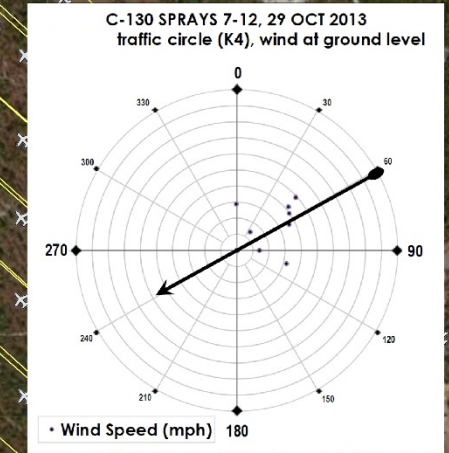
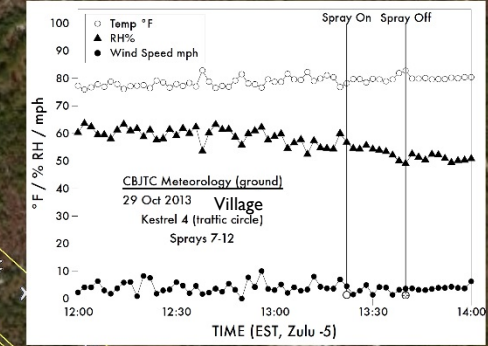


Figure S59
 29 October 2013
 800I nozzles
 Road Transects
 12 hr mortality

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-29
 CAMP BLANDING JOINT TRAINING CENTER, FL

MOUT SOUTH & VILLAGE SITES
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET

SIX PASSES UPWIND OF EACH VILLAGE
 SENTINEL MOSQUITOES OUTDOORS ON POLES
 MORTALITY AT 12 HR POST-SPRAY
 8001 TEEJET NOZZLES



SET J

S60–S62 Figs. Naled droplet densities, Transects 30 Oct.

Figure S60
 30 October 2013
 8003 nozzles
 Road Transects
 1 hr mortality

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL

MOUT SOUTH & VILLAGE SITES
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET

SIX PASSES UPWIND OF EACH VILLAGE
 SENTINEL MOSQUITOES OUTDOORS ON POLES
 MORTALITY AT 1 HR POST-SPRAY
 8003 TEEJET NOZZLES

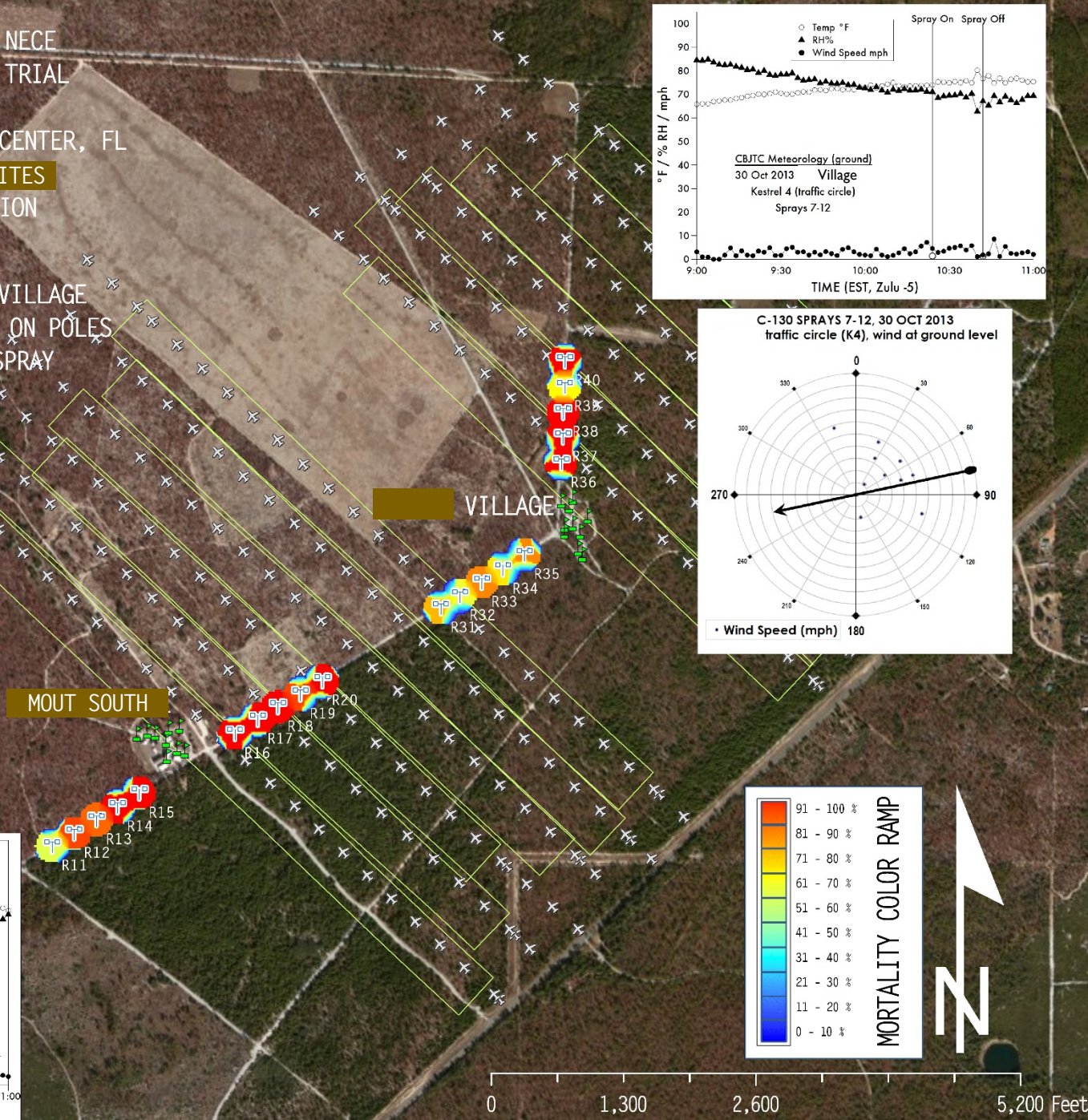
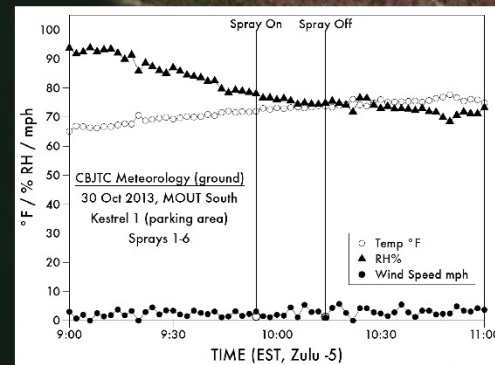
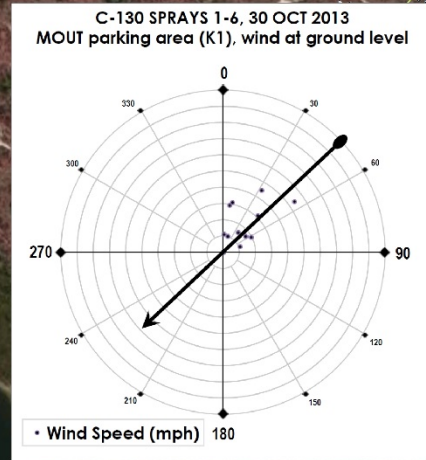
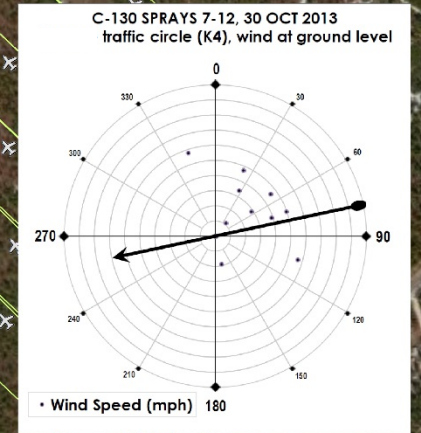
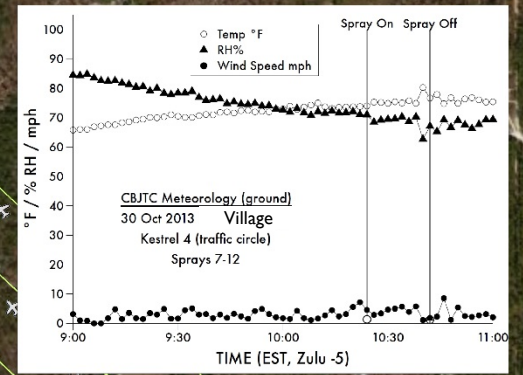


Figure S6I
 30 October 2013
 8003 nozzles
 Road Transects
 4 hr mortality

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL

MOUT SOUTH & VILLAGE SITES
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET

SIX PASSES UPWIND OF EACH VILLAGE
 SENTINEL MOSQUITOES OUTDOORS ON POLES
 MORTALITY AT 4 HR POST-SPRAY
 8003 TEEJET NOZZLES

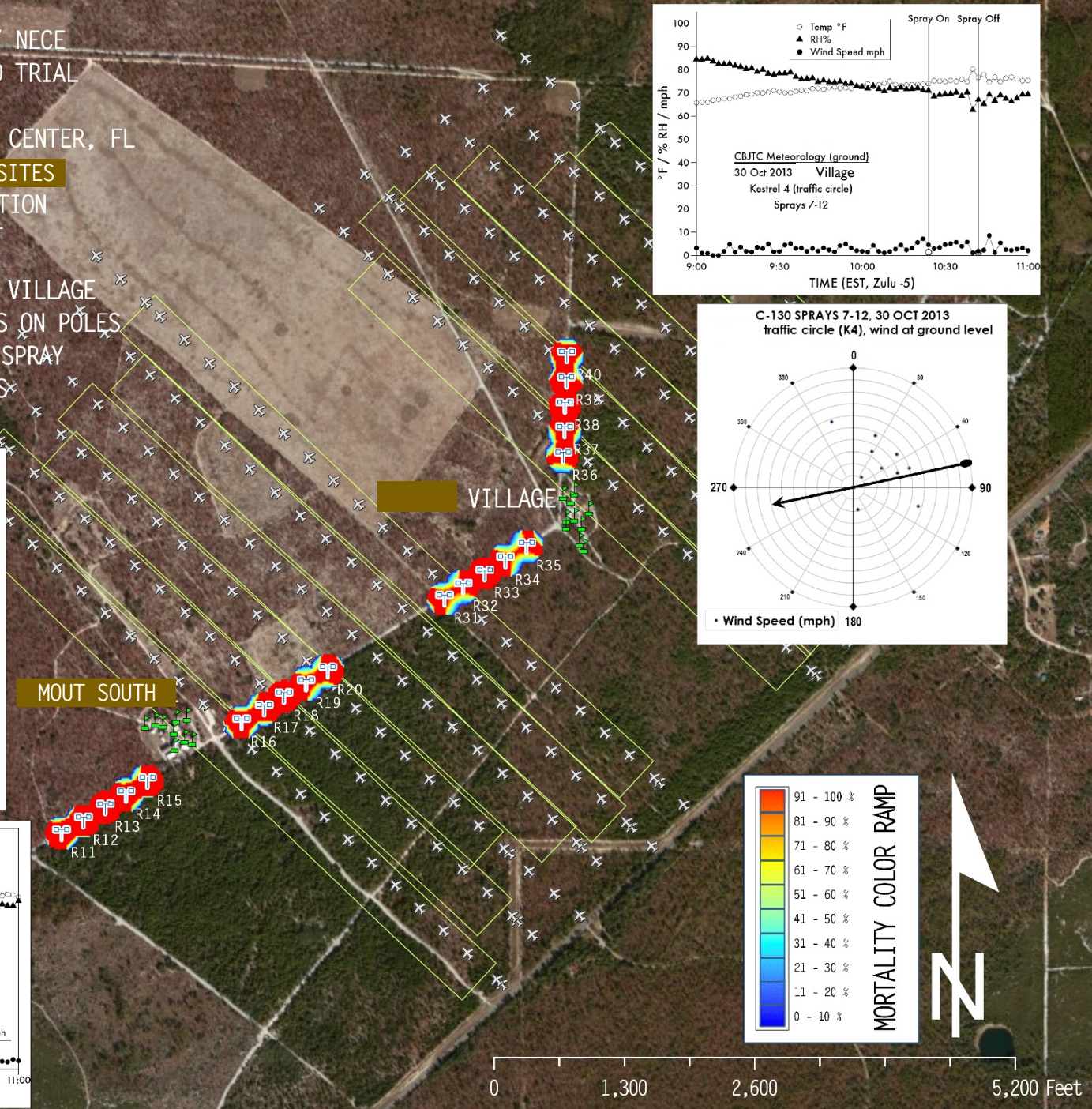
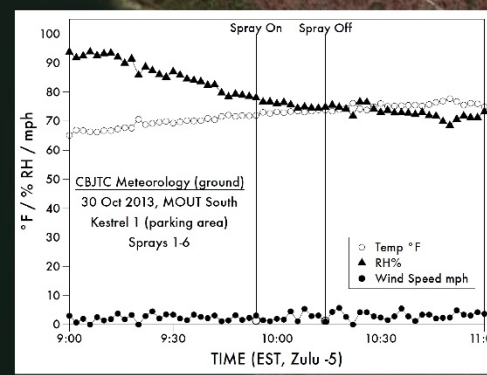
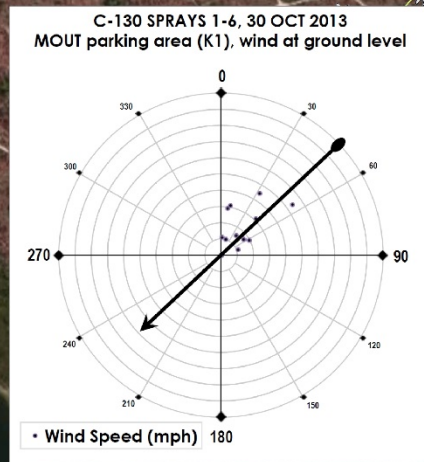
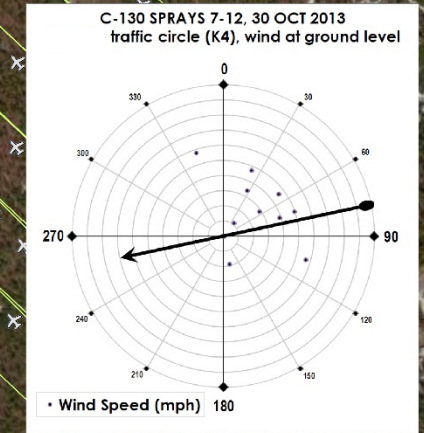
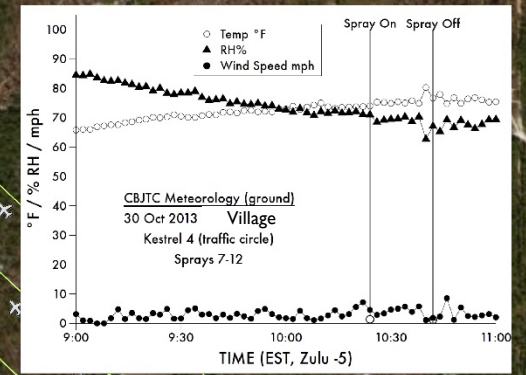


Figure S62
 30 October 2013
 8003 nozzles
 Road Transects
 12 hr mortality

USAF / USDA-ARS-CMAVE / NECE
 DWFP COLLABORATIVE FIELD TRIAL
 2013-10-30
 CAMP BLANDING JOINT TRAINING CENTER, FL

MOUT SOUTH & VILLAGE SITES
NALED AERIAL APPLICATION
 AE. AEGYPTI TARGET

SIX PASSES UPWIND OF EACH VILLAGE
 SENTINEL MOSQUITOES OUTDOORS ON POLES
 MORTALITY AT 12 HR POST-SPRAY
 8003 TEEJET NOZZLES

