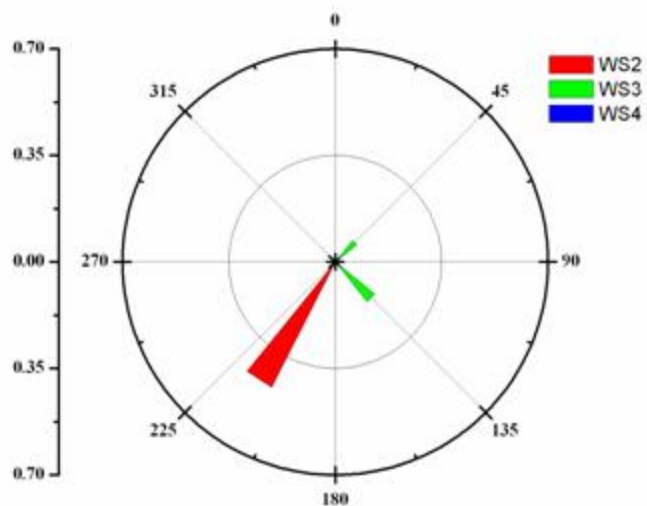


Figure 1

Badlands National Park, SD (BADL)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

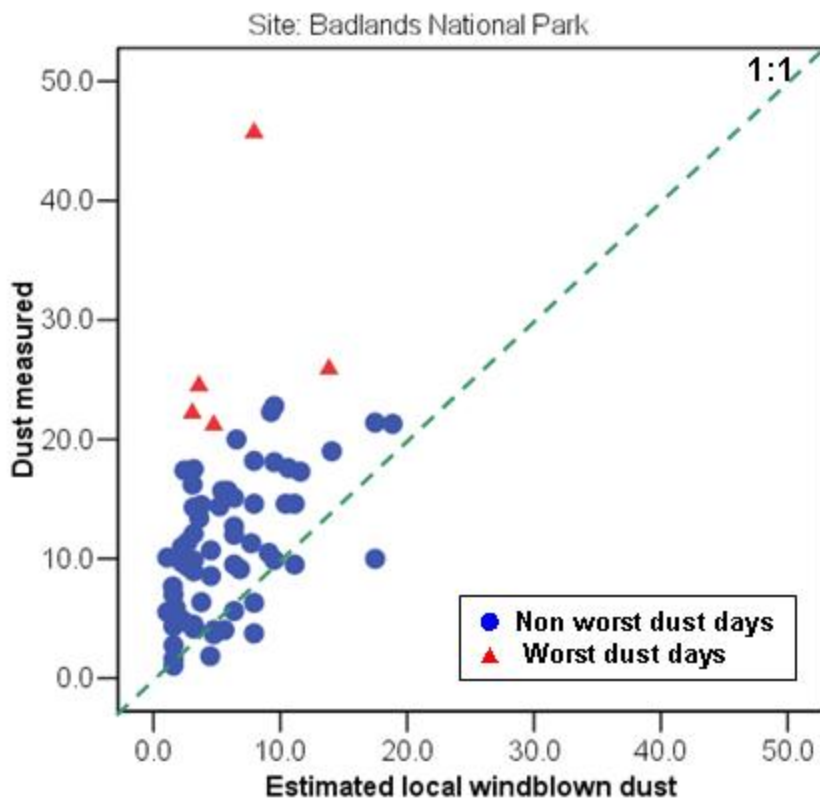
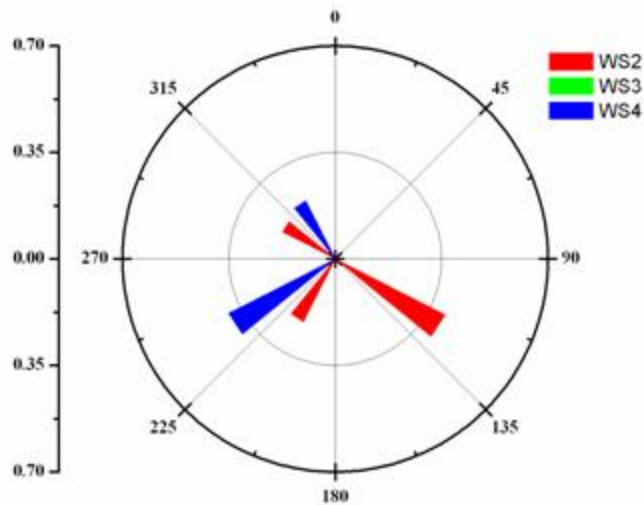


Figure 2

Bandelier National Monument, NM (BAND)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

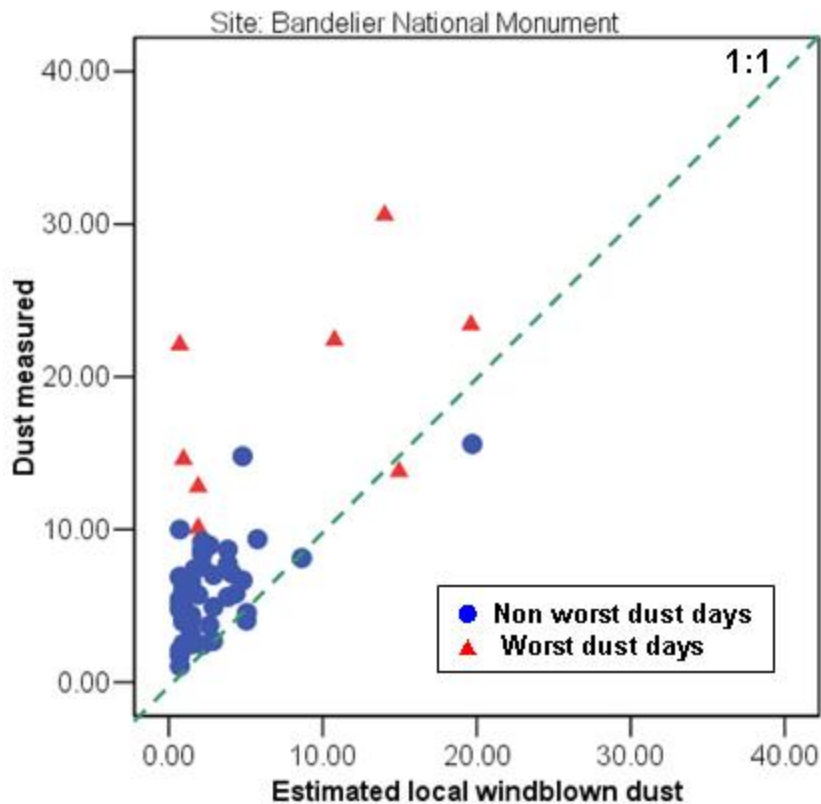
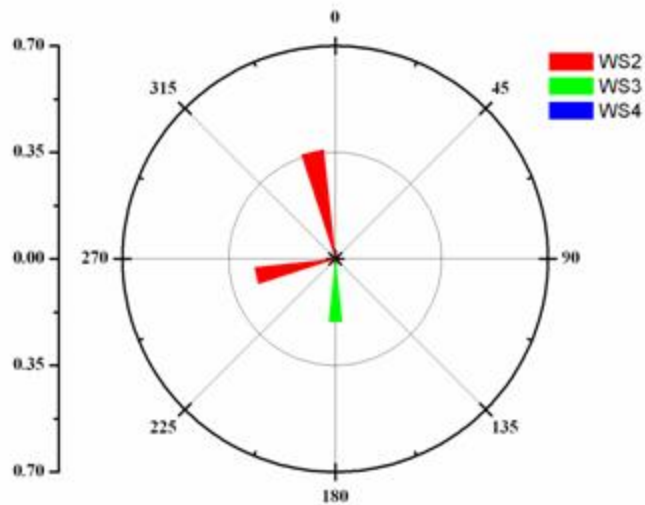


Figure 3

Big Bend National Park, TX (BIBE)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

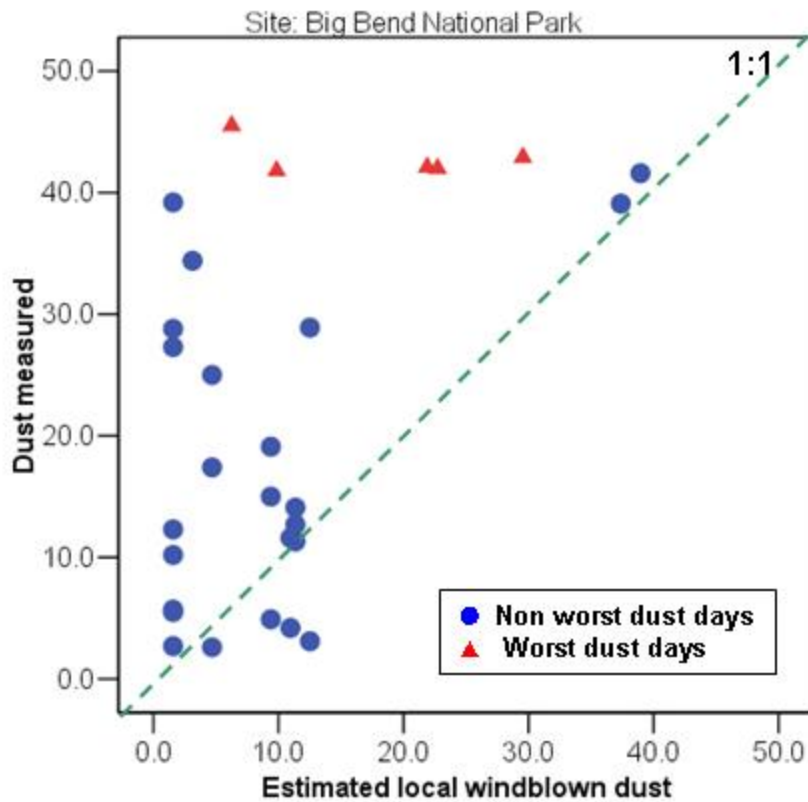
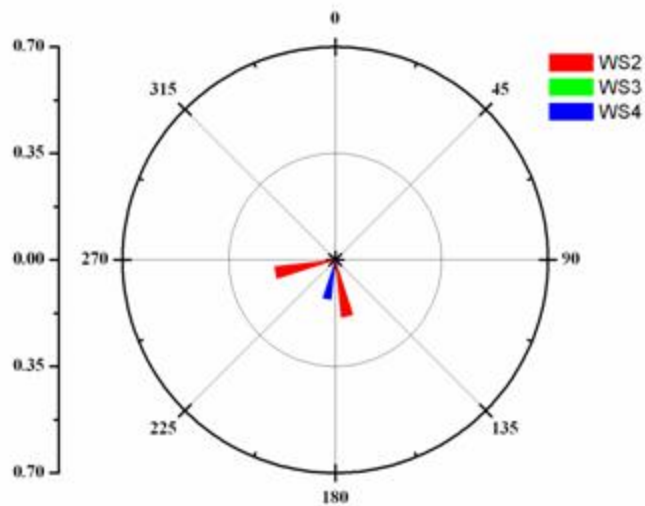


Figure 4

Bliss National Park, CA (BLIS)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

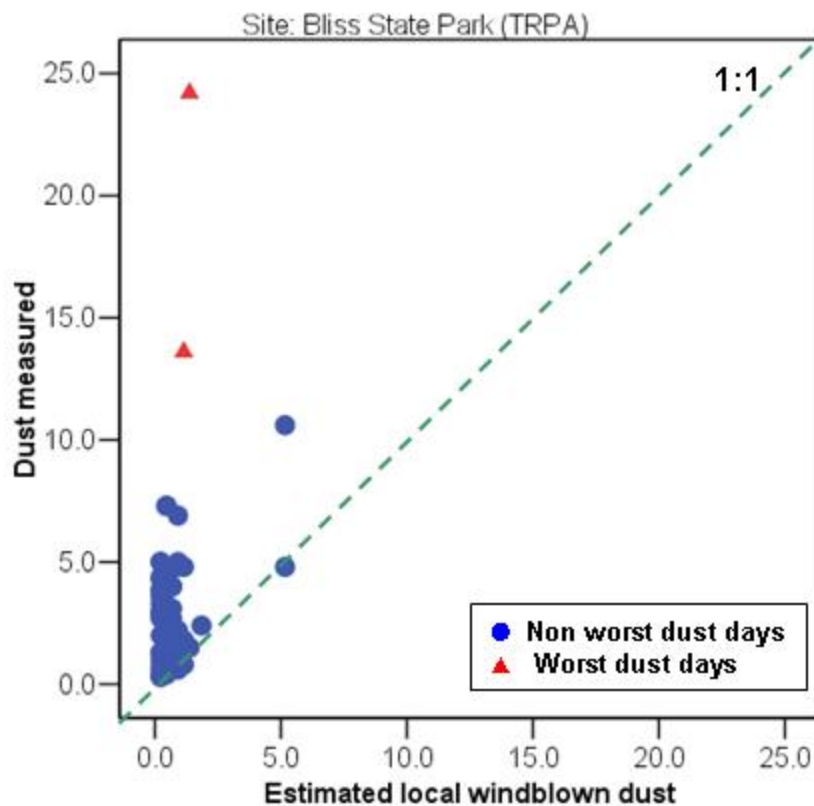
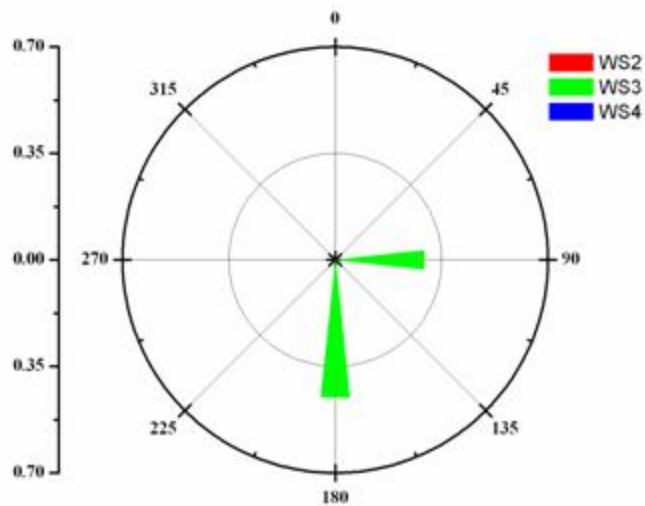


Figure 5

Bosque del Apache, NM (BOAP)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

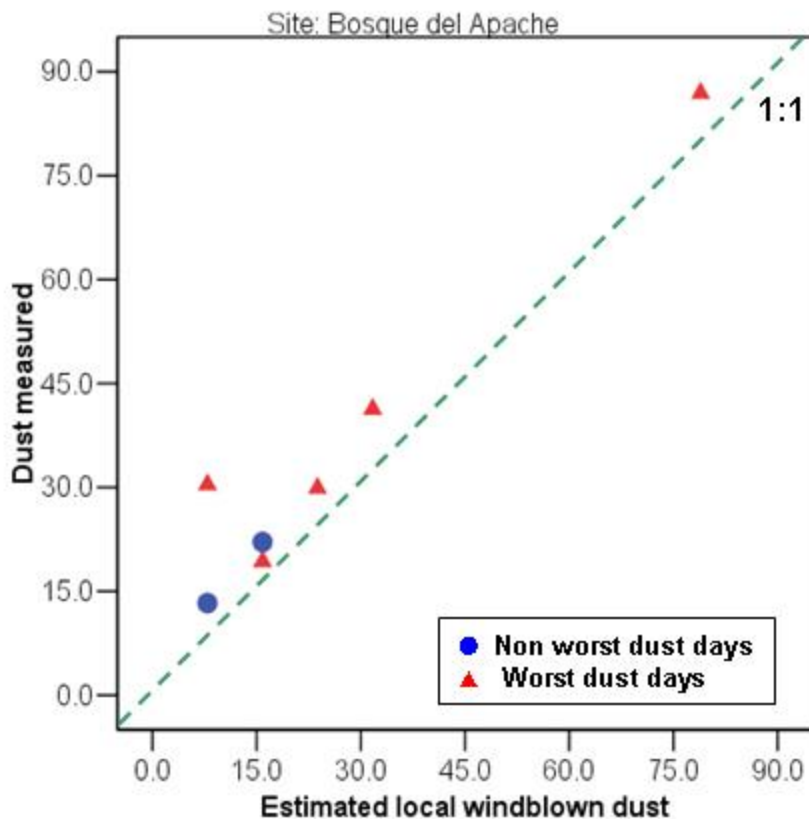
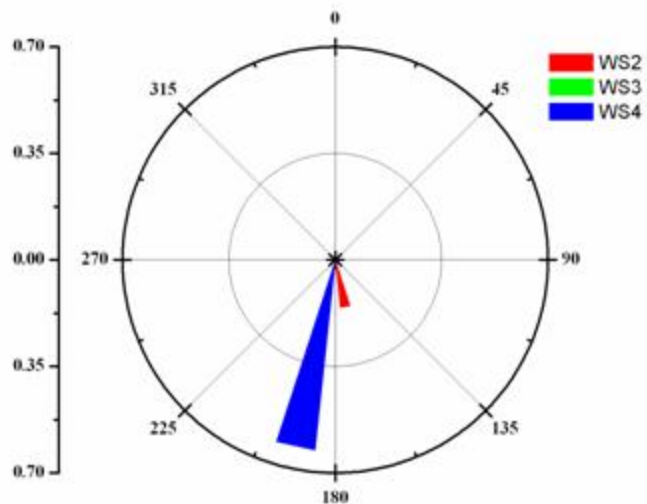


Figure 6

Bryce Canyon National Park, UT (BRCA)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

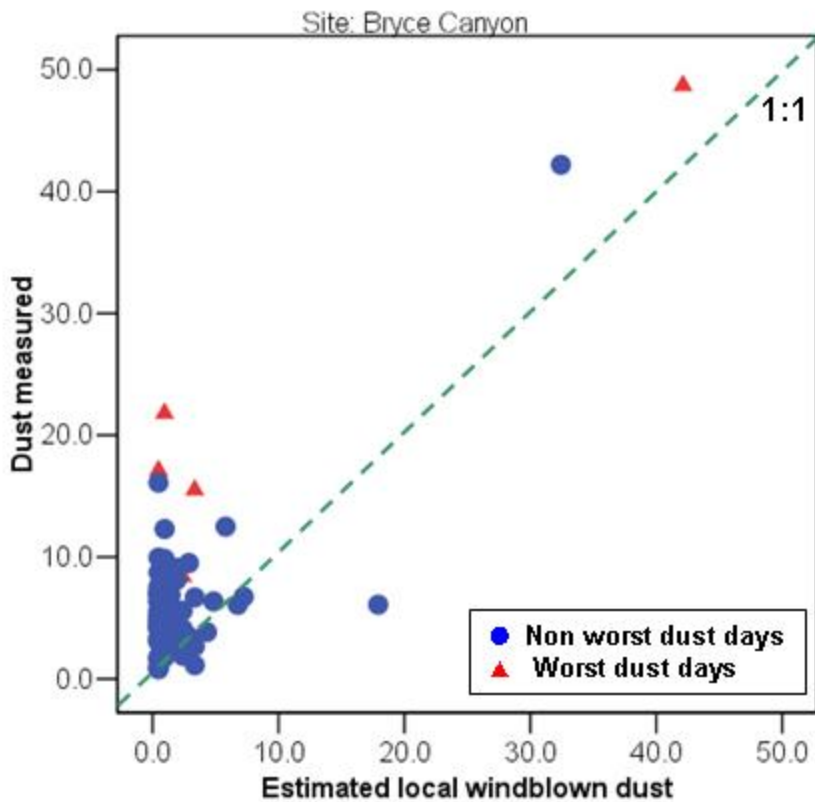
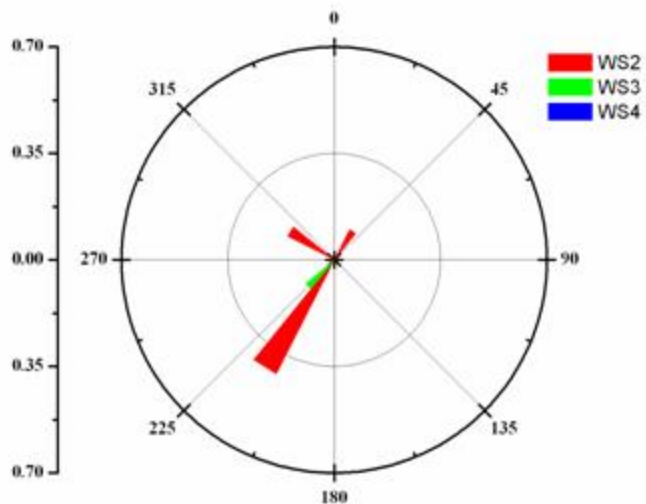


Figure 7

Canyonlands National Park, UT (CANY)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

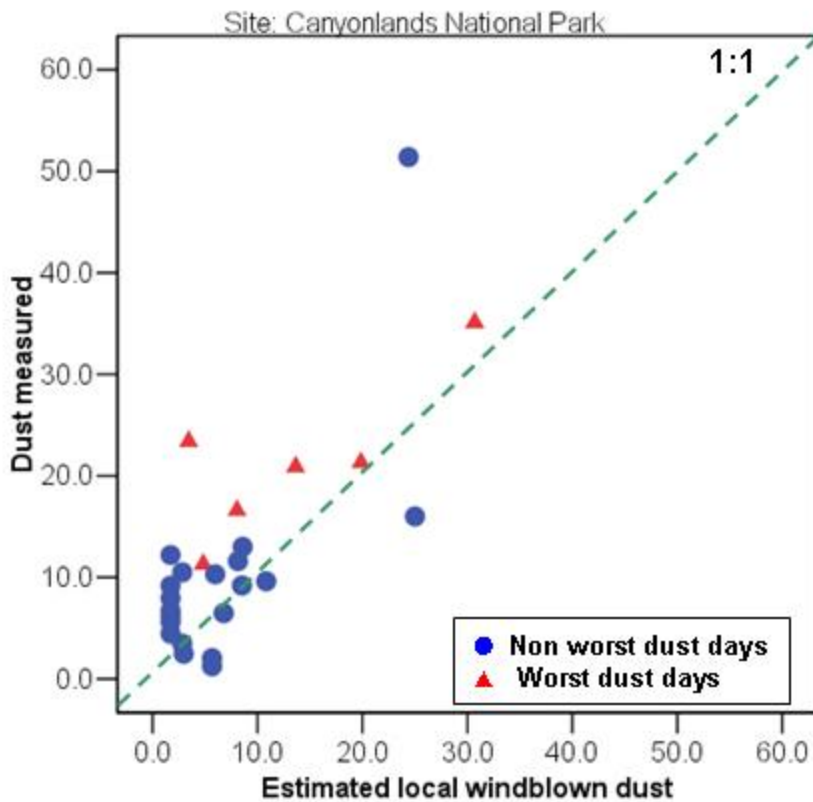
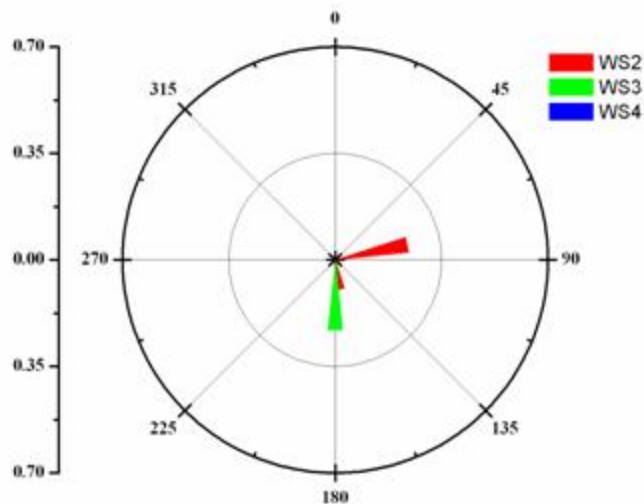


Figure 8

Chiricahua National Monumnet, AZ (CHIR)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

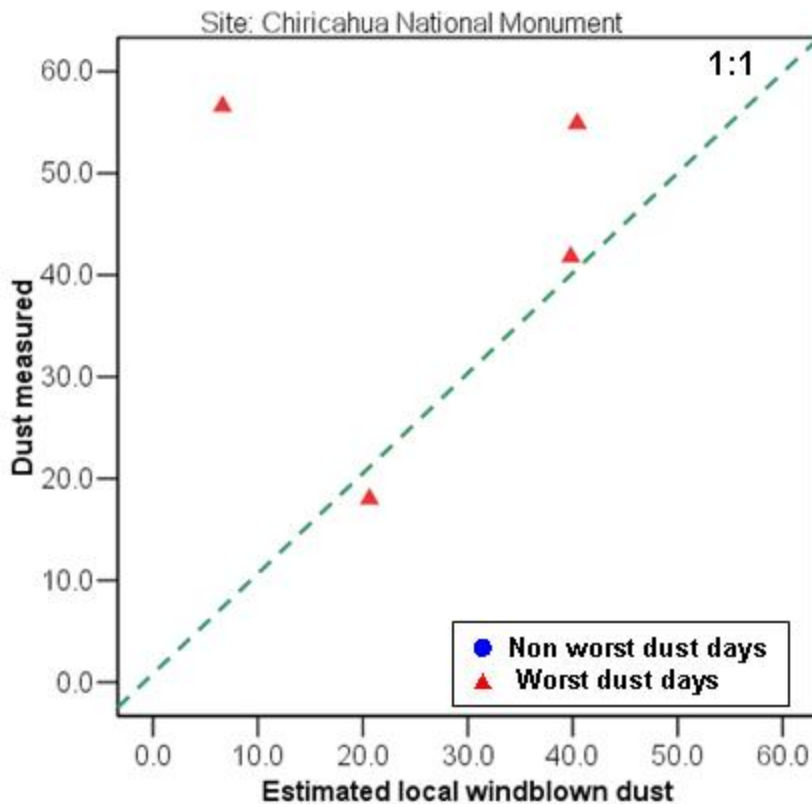
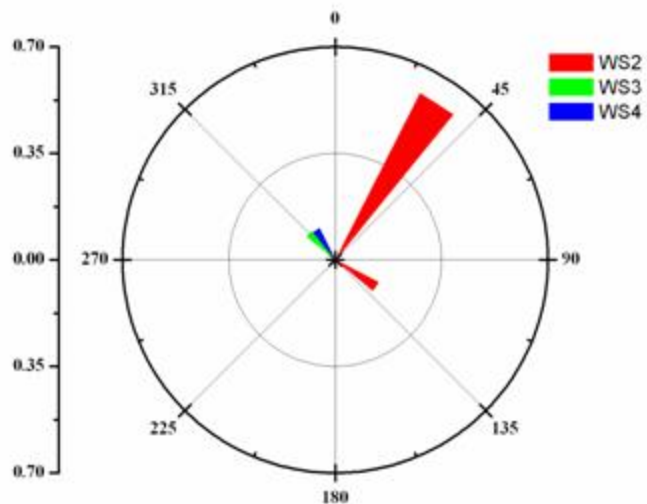




Figure 9

Columbia River Gorge, WA, SD (CORI)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

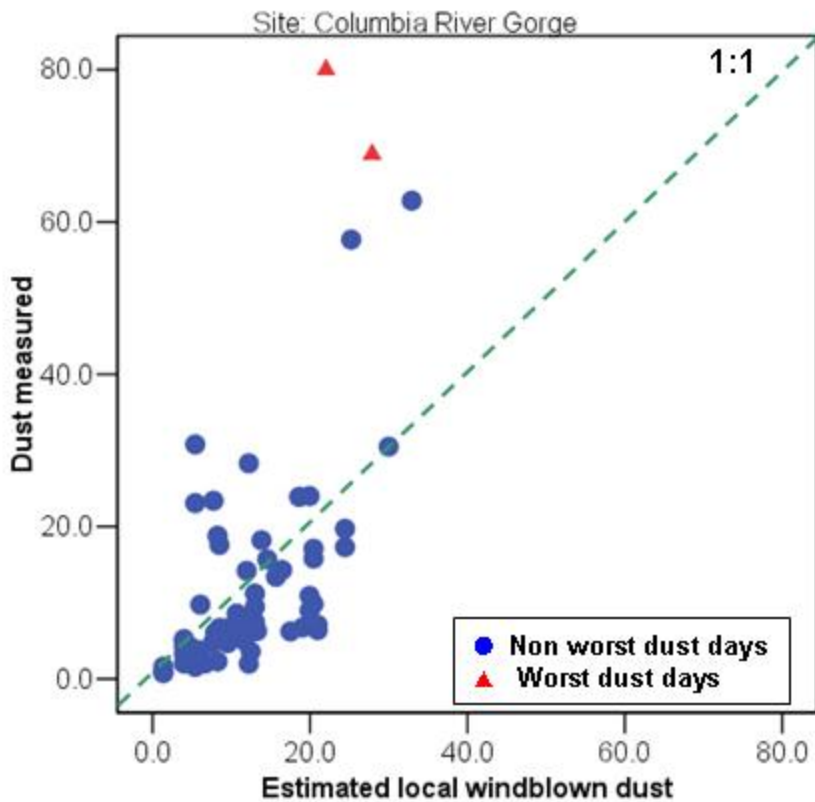
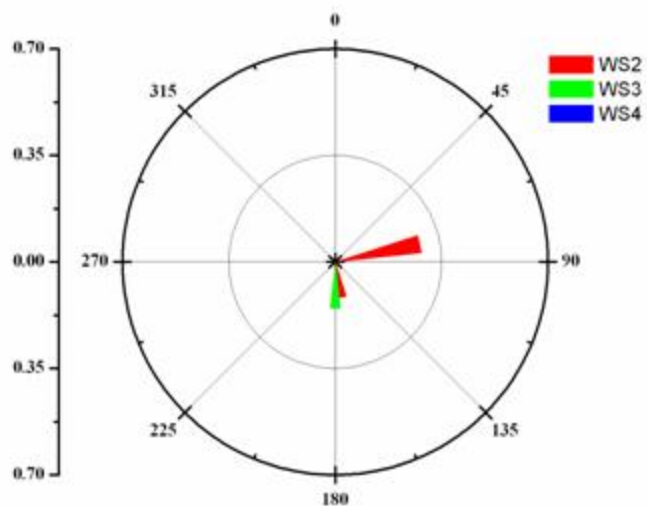


Figure 10

Craters of the Moon, ID (CRMO)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

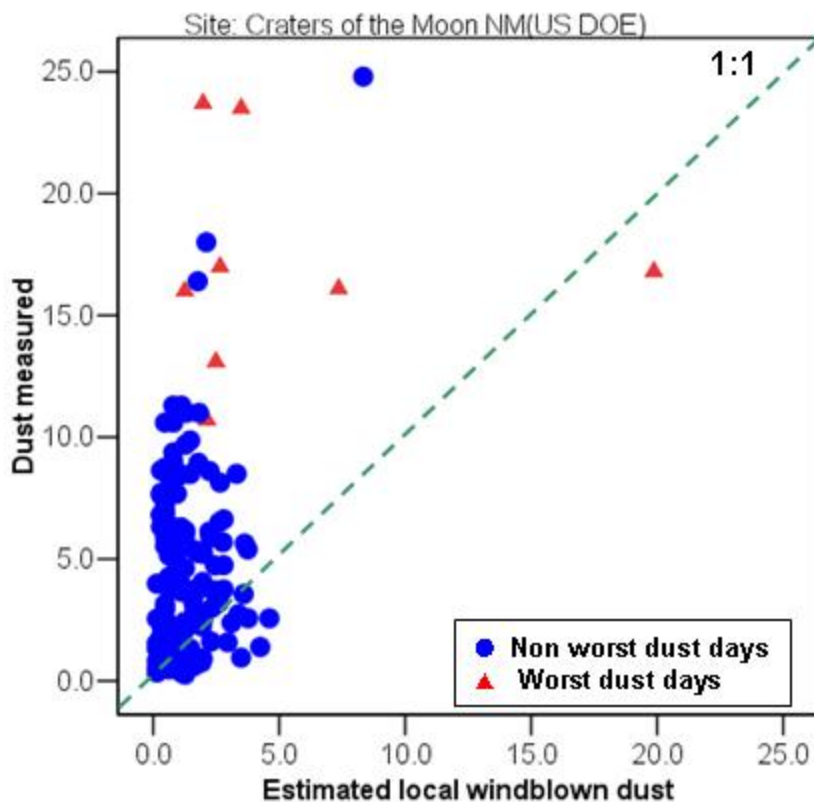
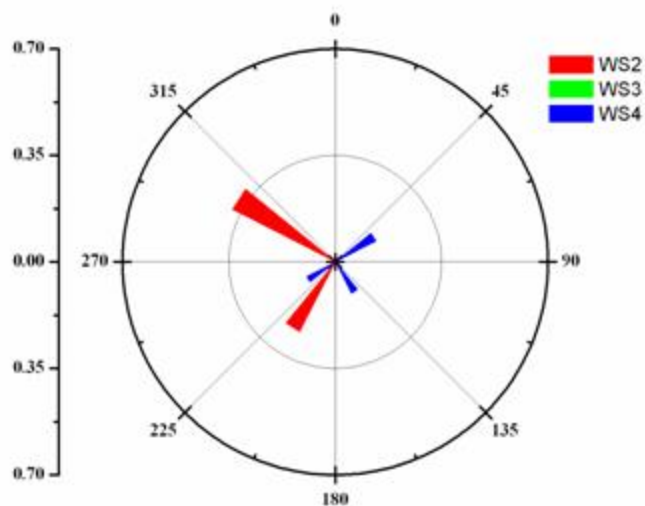


Figure 11

Death Valley National Park, CA (DEVA)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

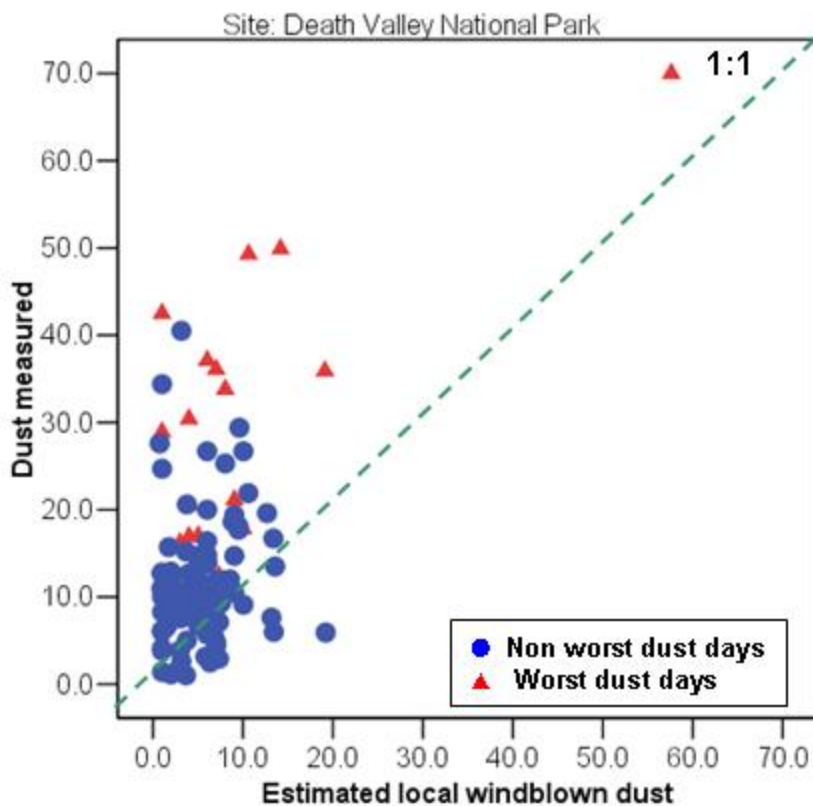
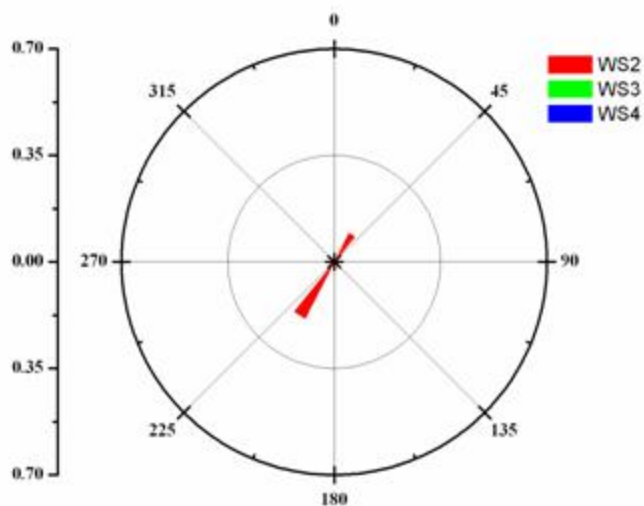


Figure 12

Gila Wilderness, NM (GICL)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

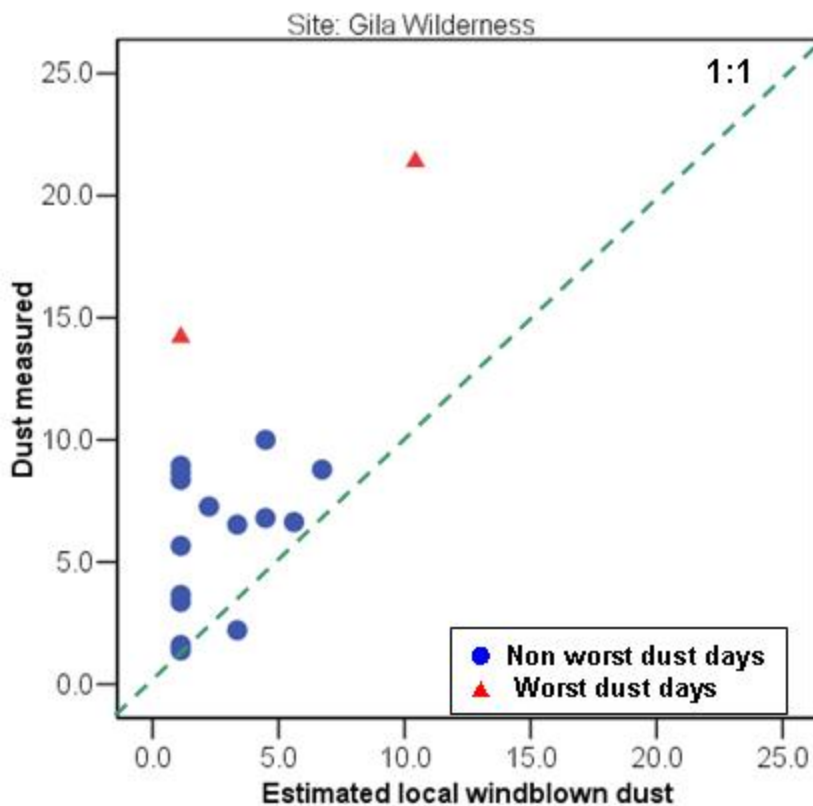
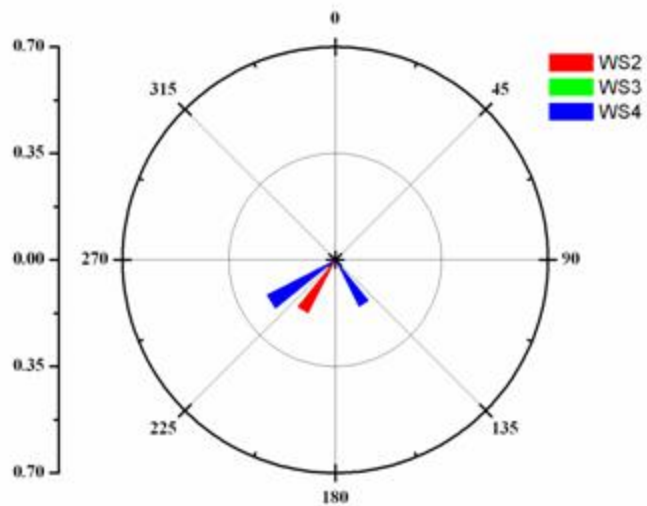


Figure 13

Hillside, AZ (HILL)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

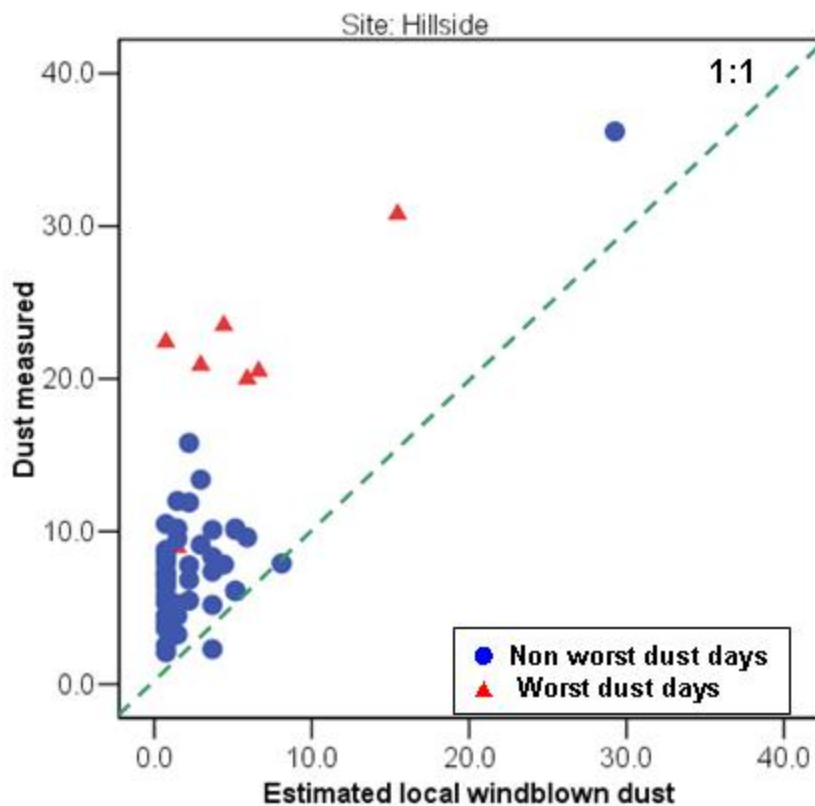
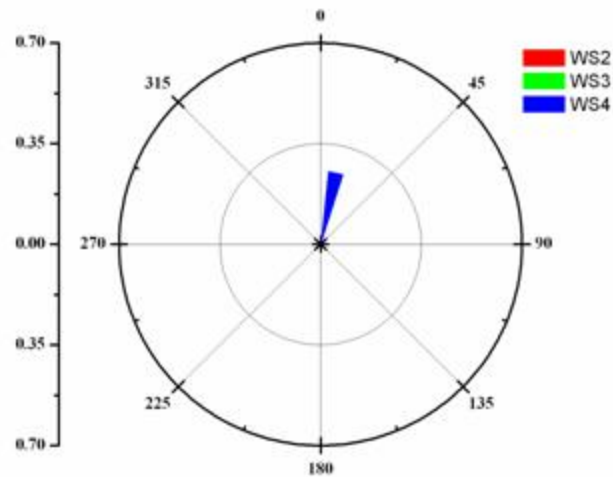


Figure 14

Hoover Wilderness, CA (HOOV)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

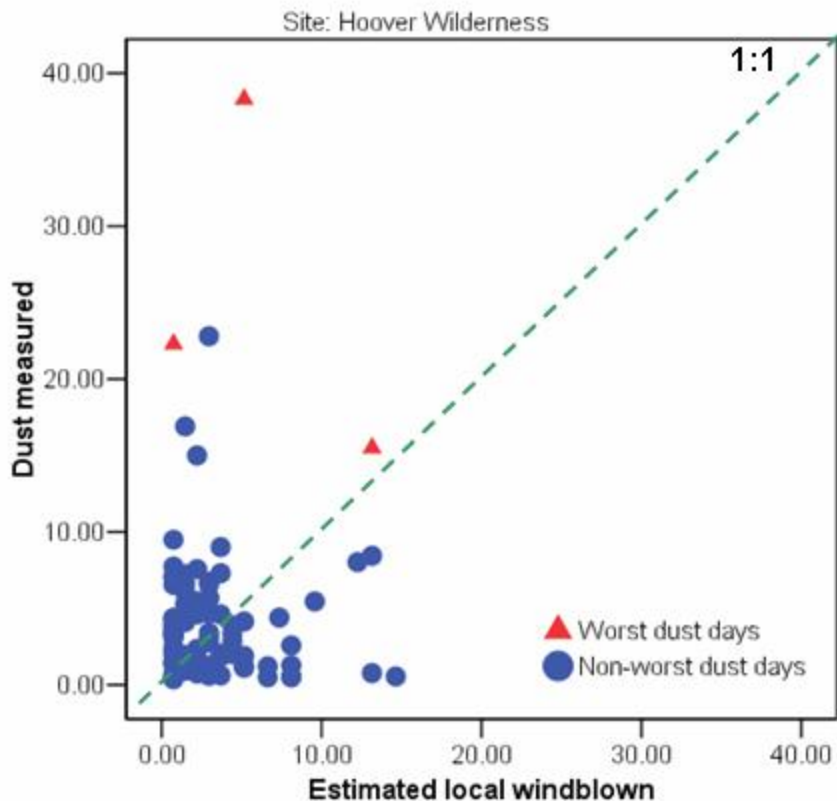
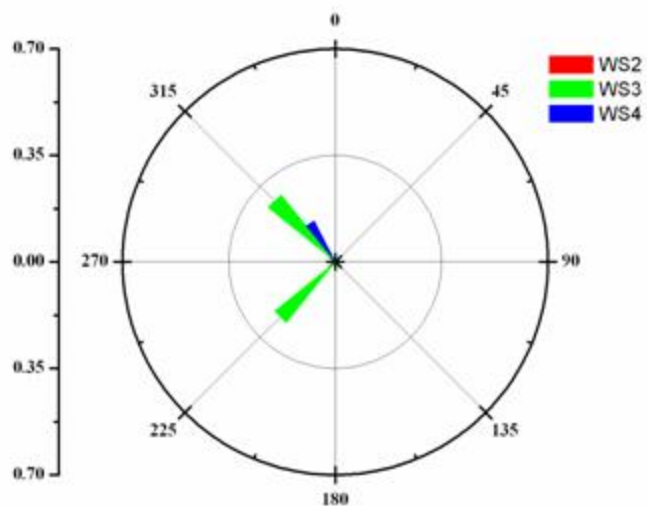


Figure 15

Great Sand Dunes National Monument, CO (GRSA)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

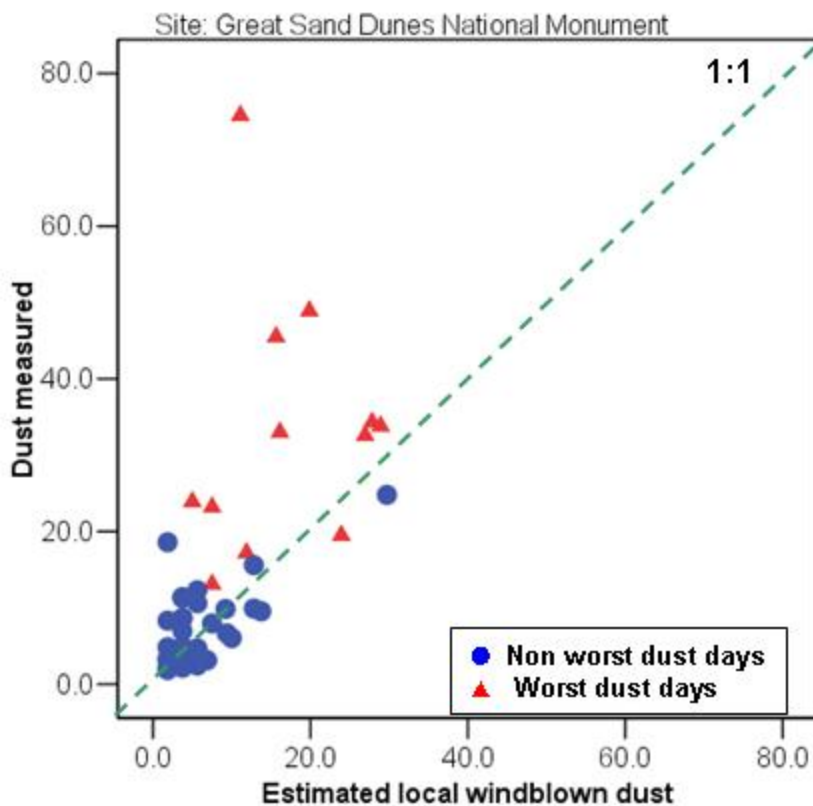
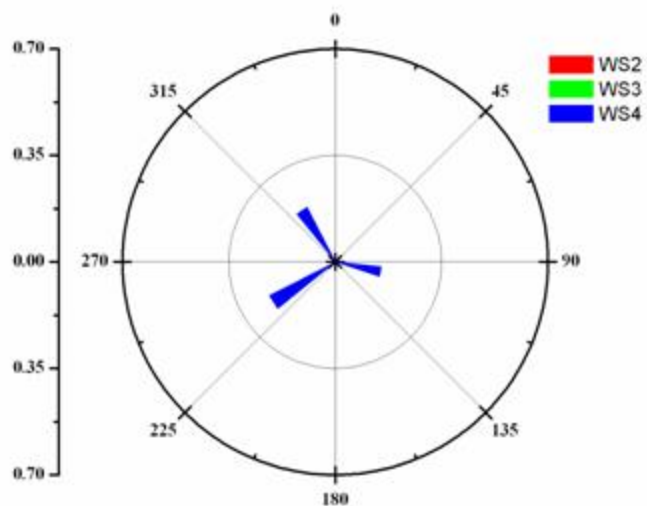


Figure 16

Guadalupe Mountains National Park, TX (GUMO)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

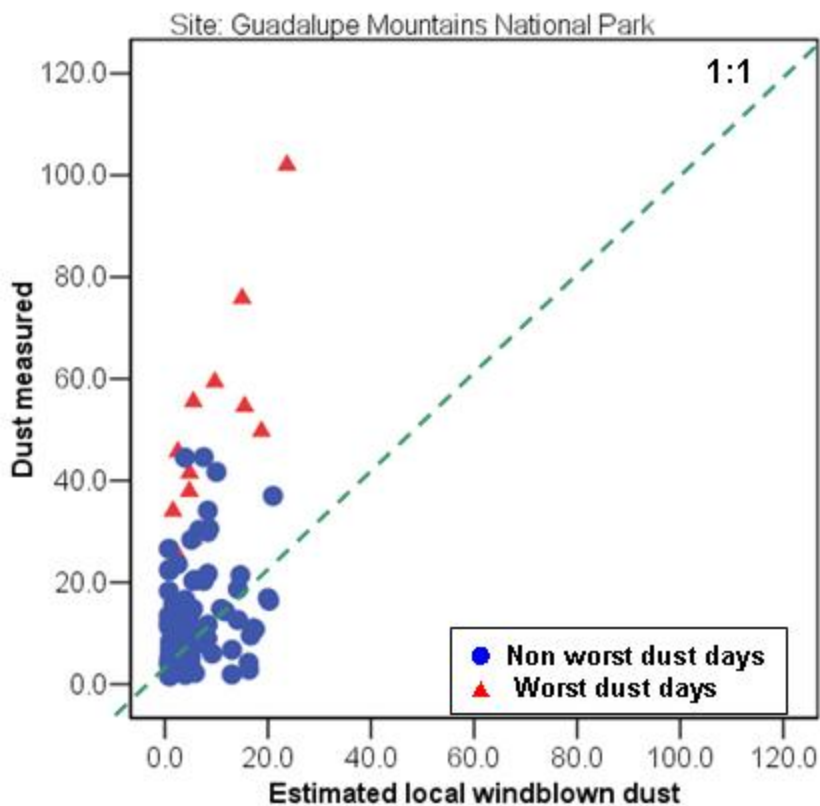
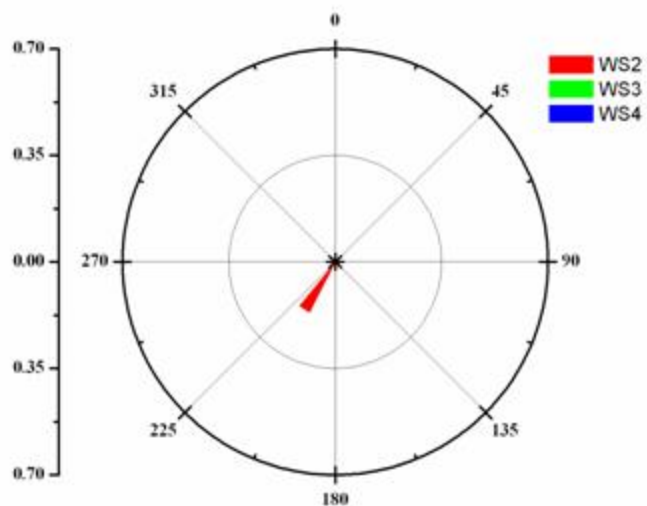




Figure 17

Ike's Backbone, AZ (IKBA)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

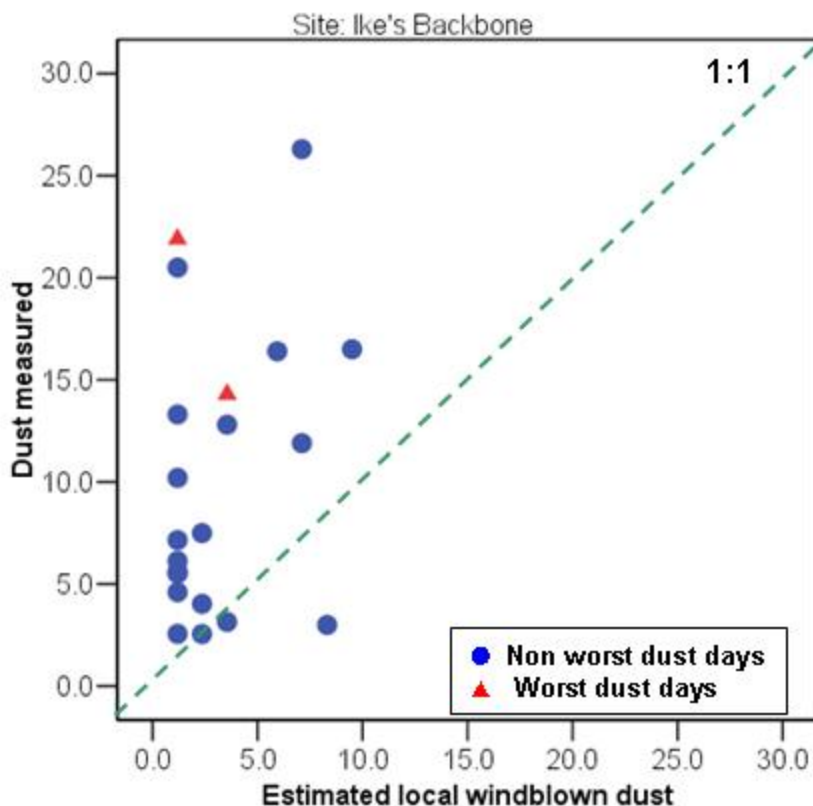
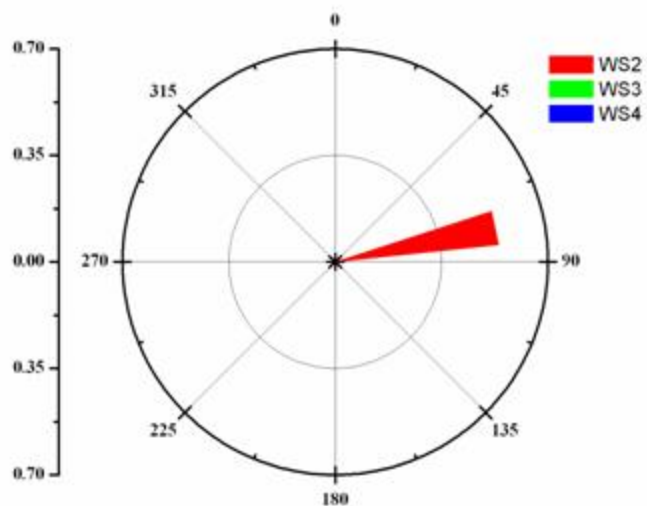


Figure 18

Joshua Tree, CA (JOSH)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

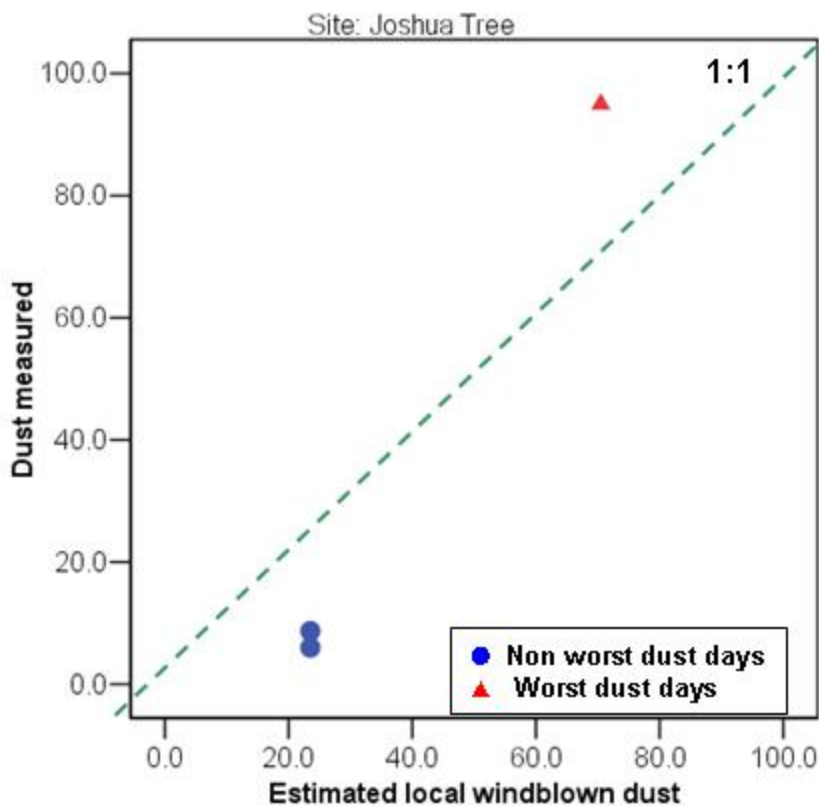
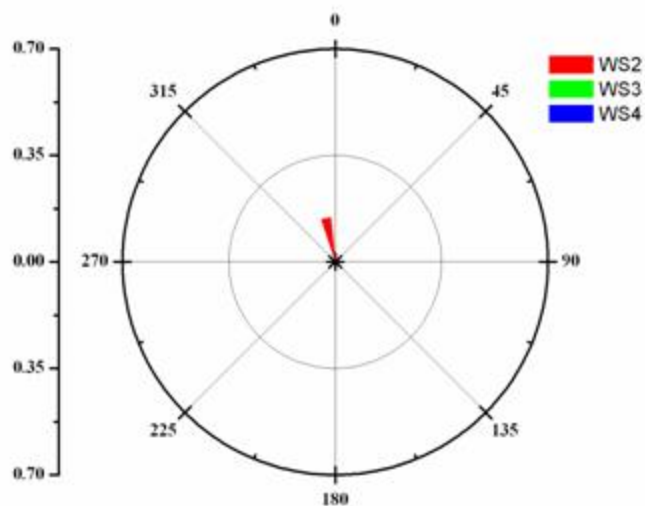


Figure 19

Kaliomopsis Wilderness, OR (KALM)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

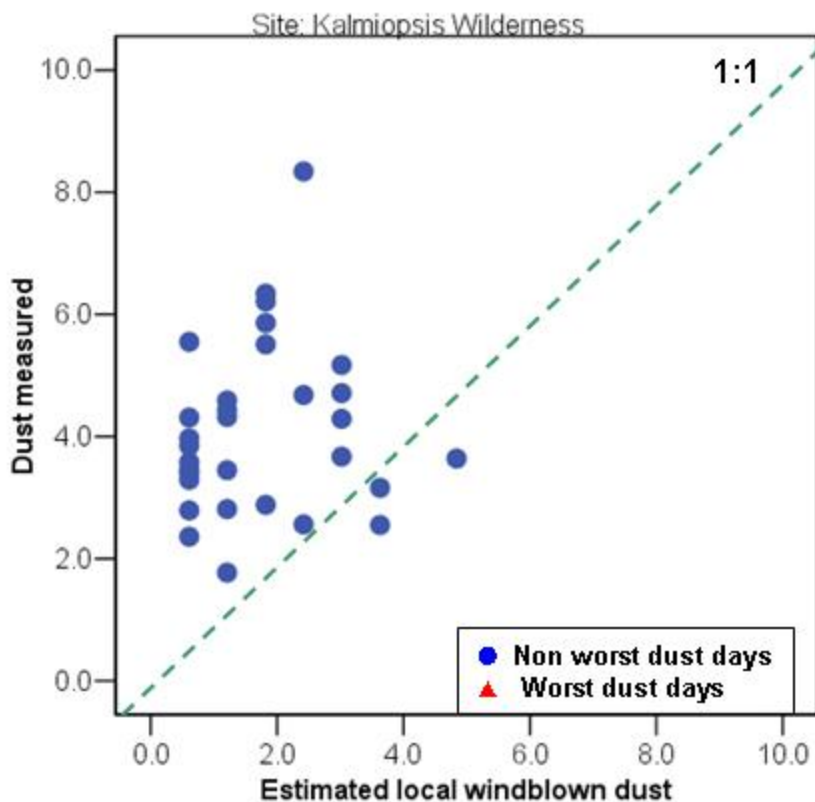
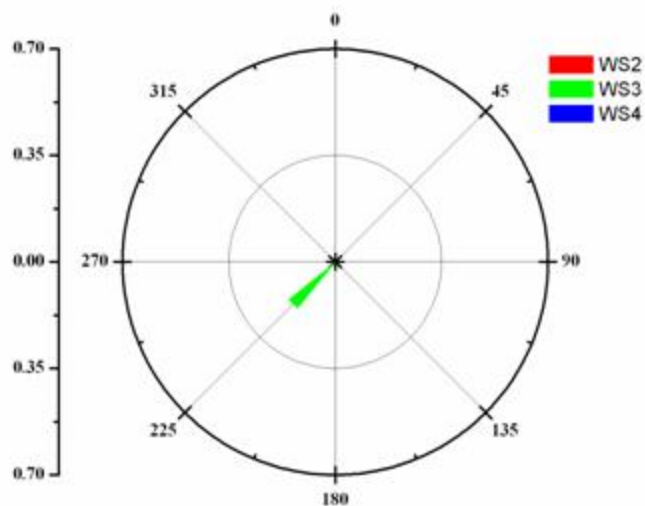


Figure 20

Lava Beds National Park, CA (LAVE)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

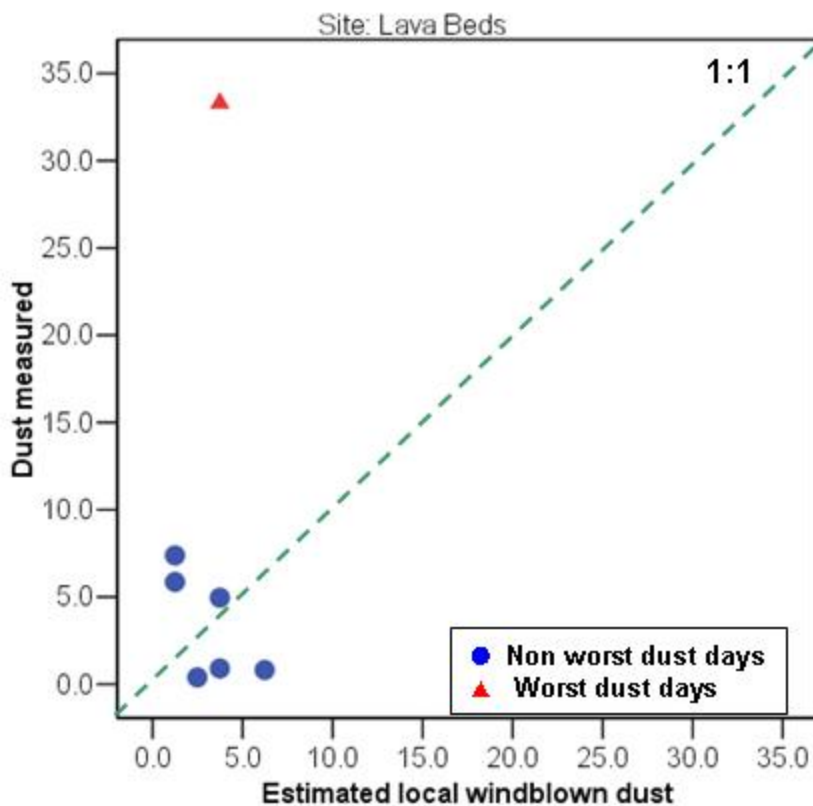
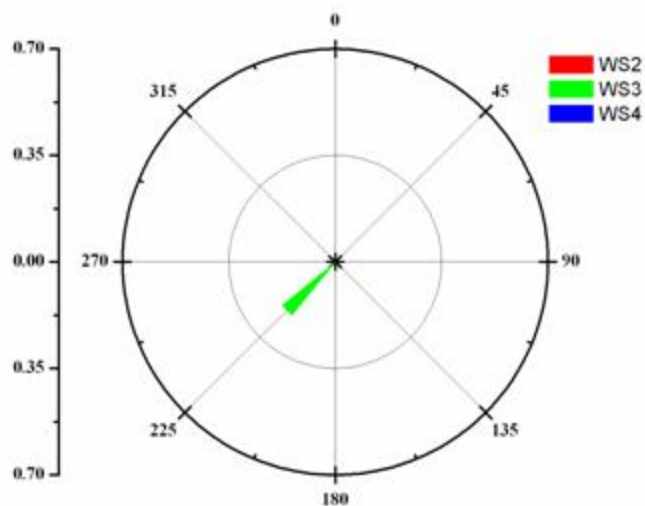


Figure 21

Lostwood Wilderness, ND (LOST)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

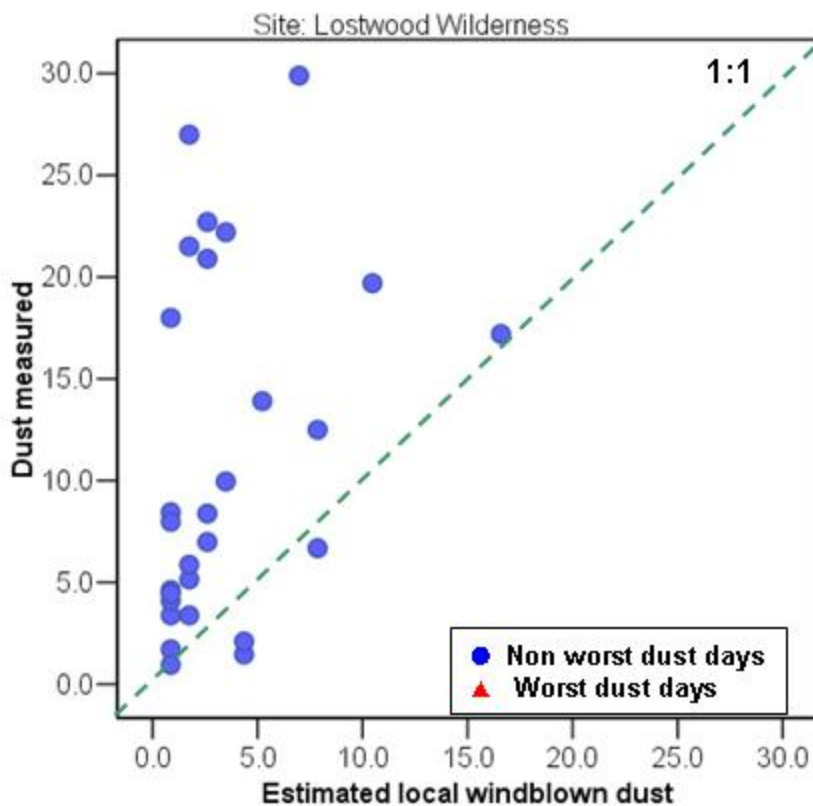
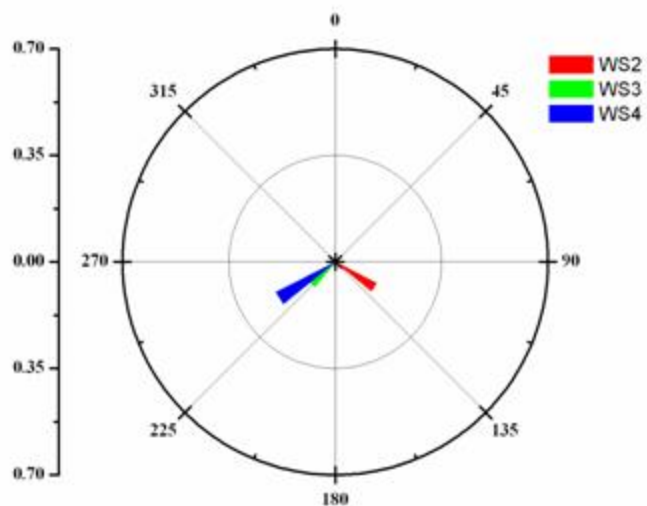


Figure 22

Medicine Lake Wilderness, MT (MELA)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

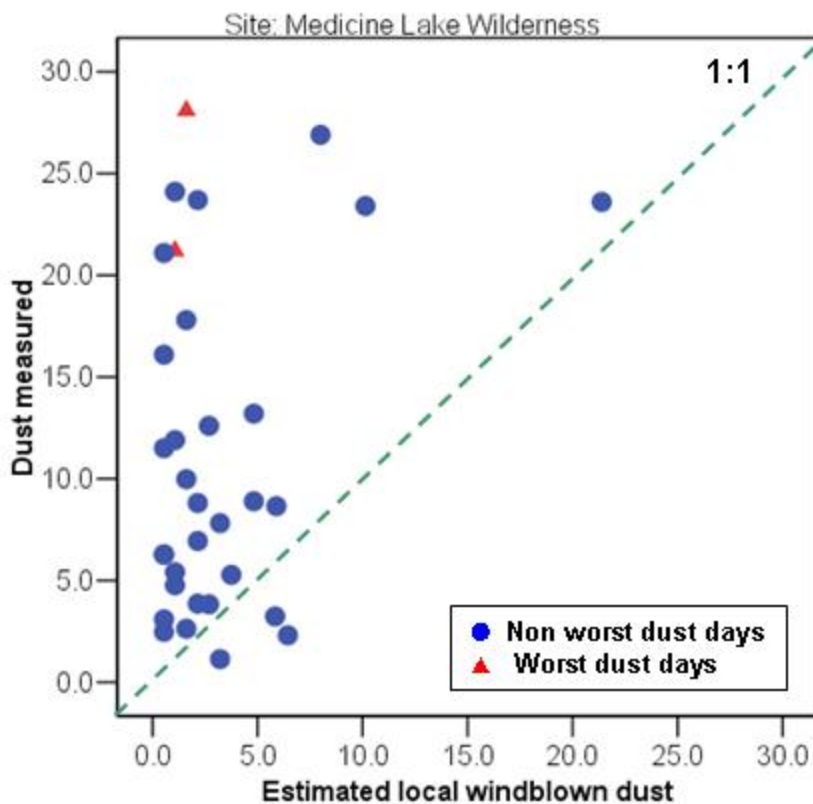
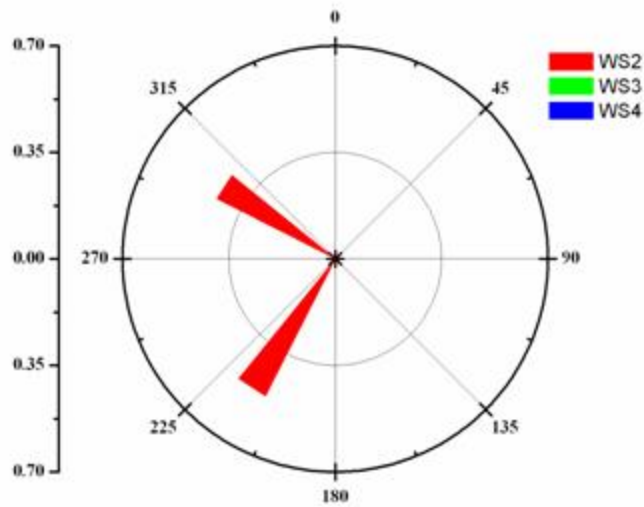


Figure 23

Mesa Verde National Park, NM (MEVE)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

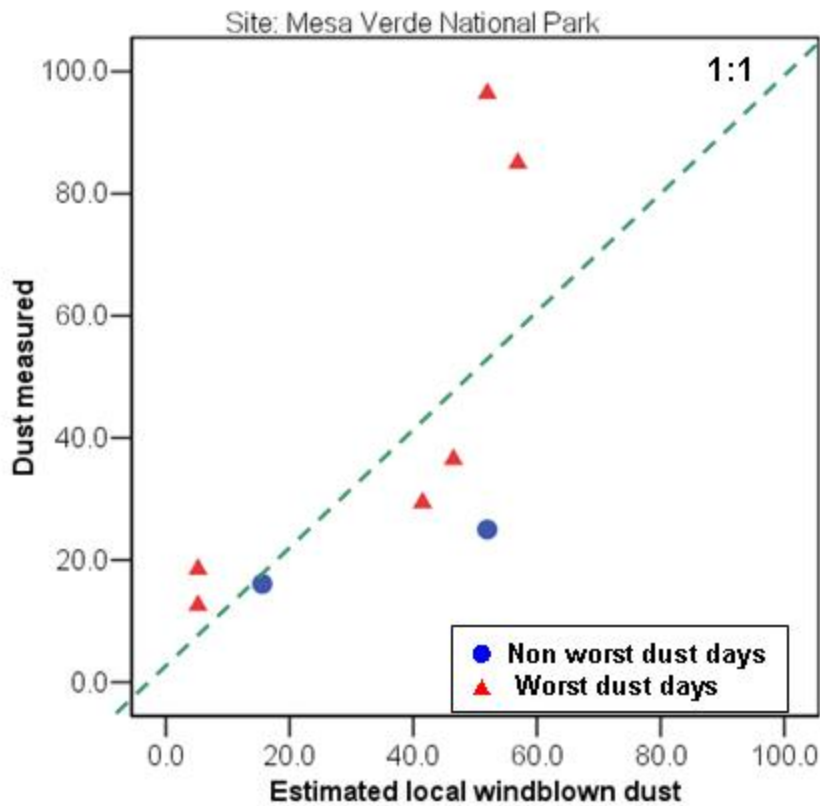
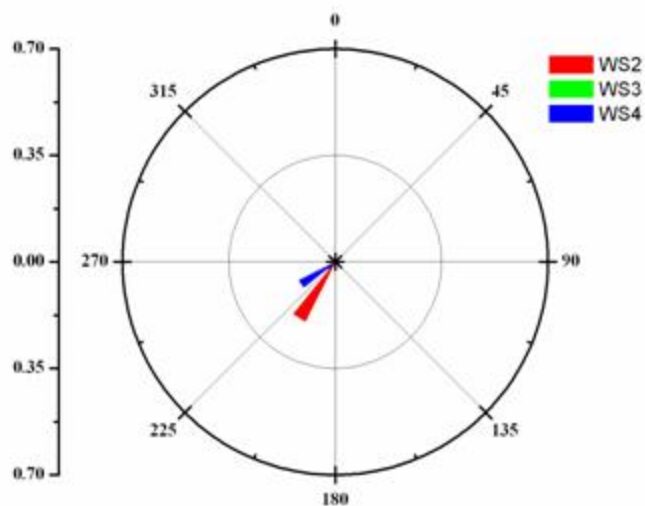


Figure 24

Mount Baldy Wilderness, AZ (BALD)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

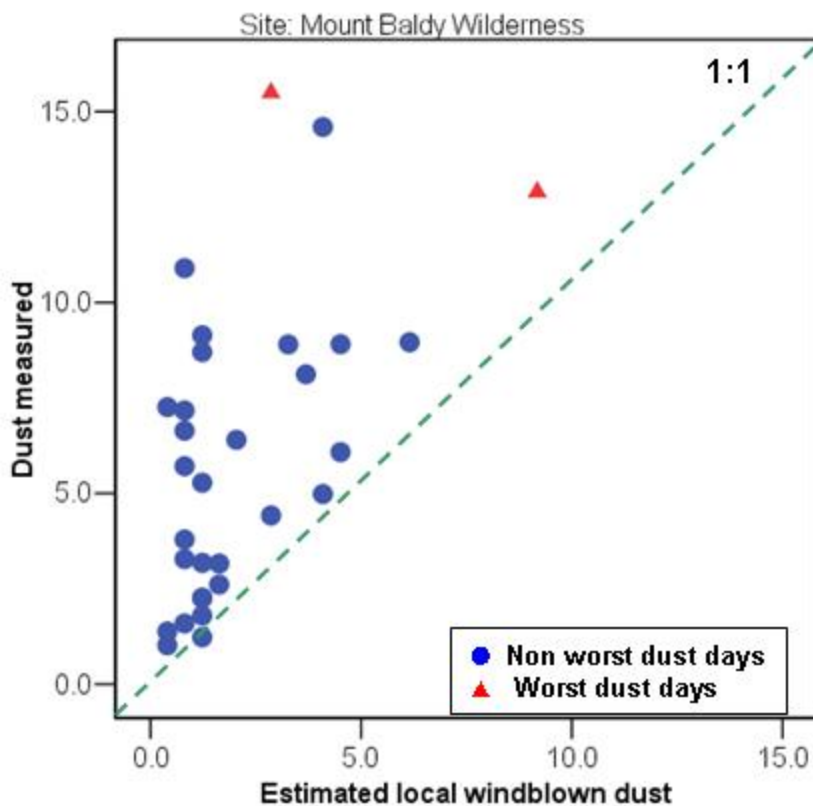
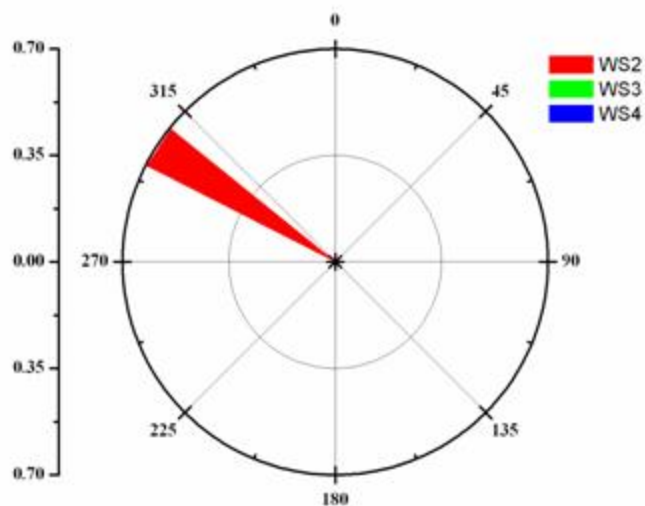




Figure 25

Pasayten Wilderness, AZ (PASA)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

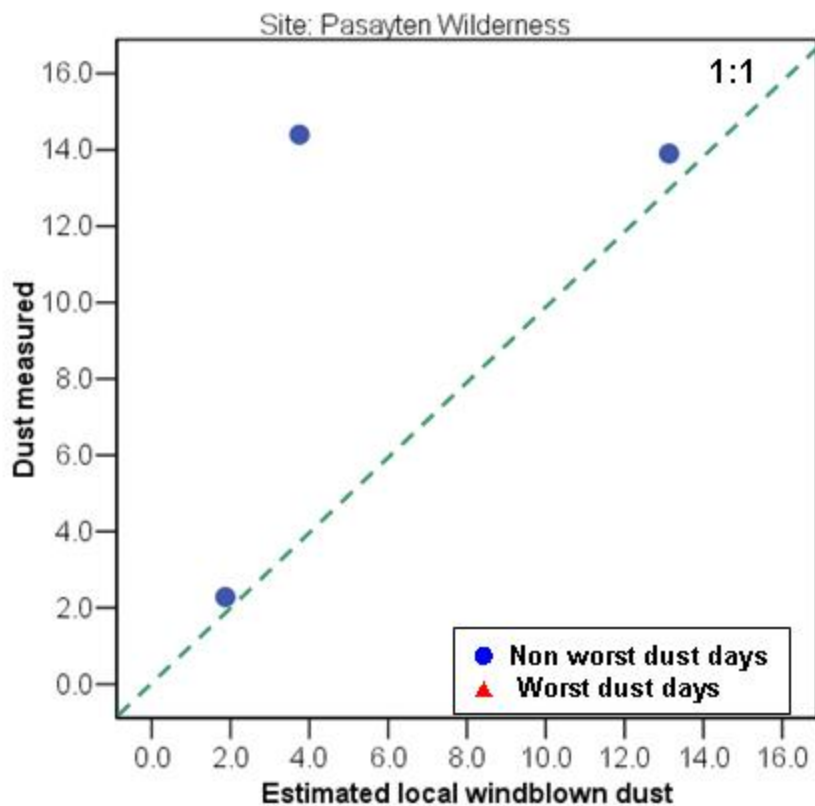
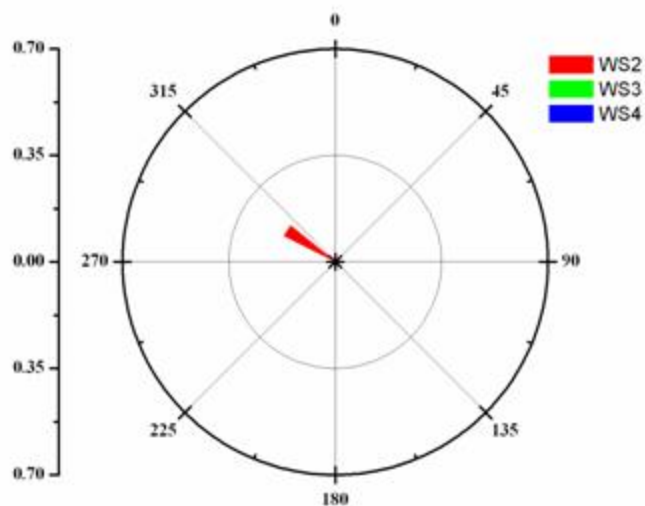


Figure 26

Puget Sound, WA (PUSO)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

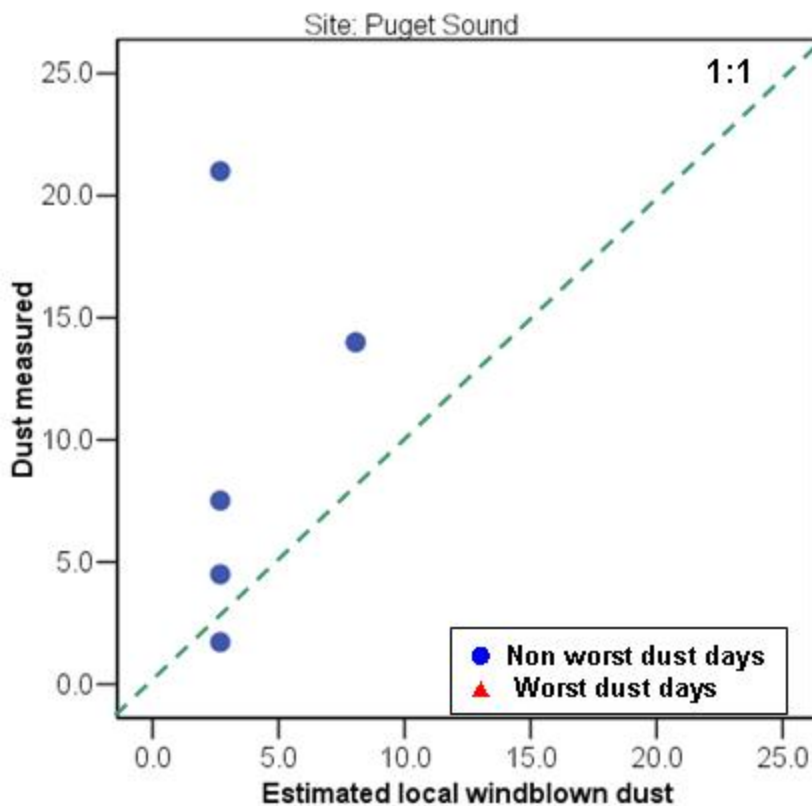
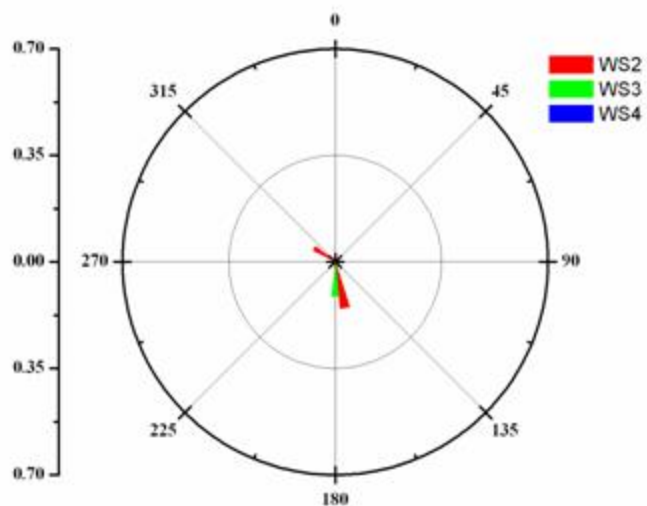


Figure 27

Queen Valley National Park, AZ (QUVA)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

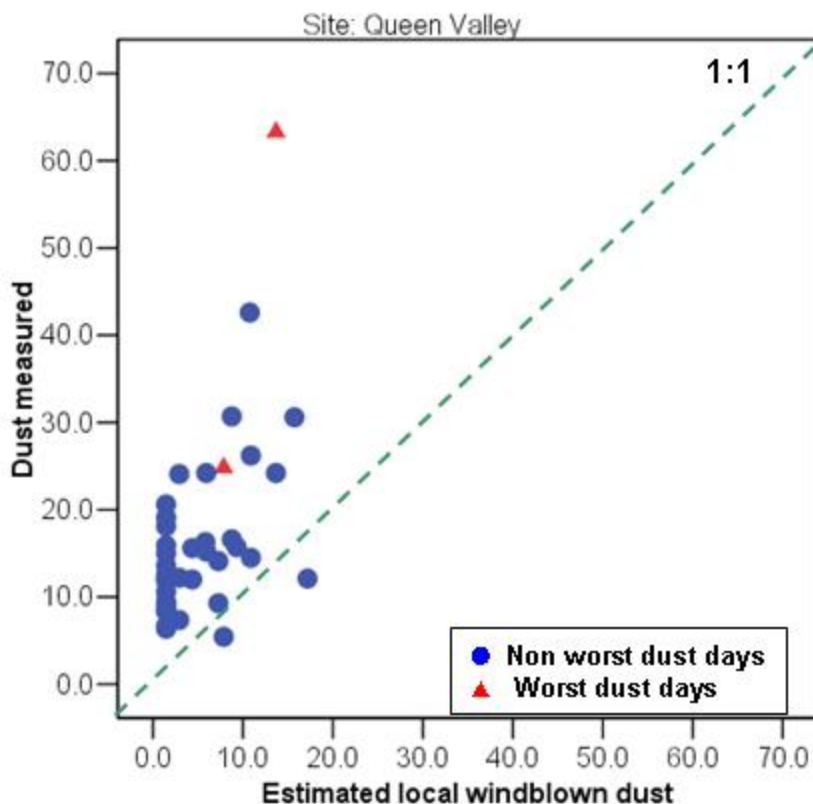
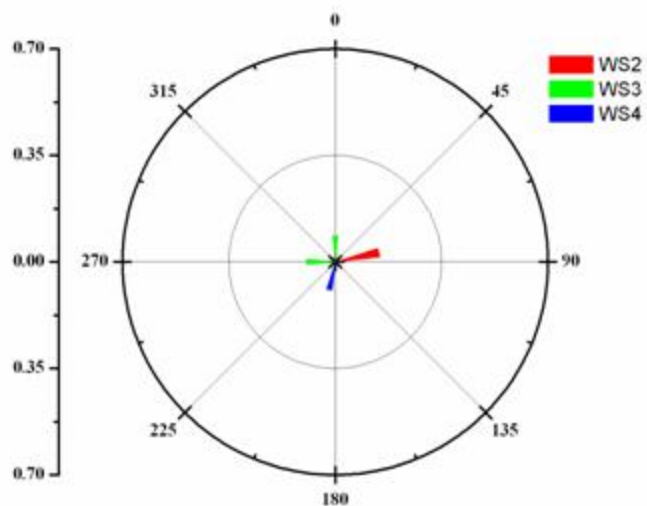


Figure 28

Saguaro National Park, AZ (SAGU)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

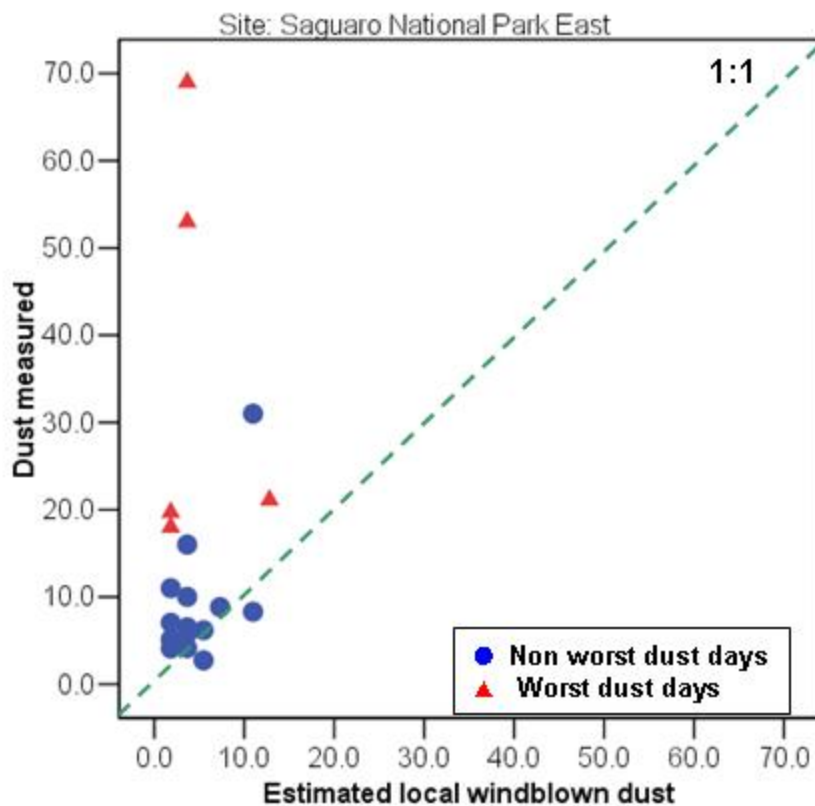
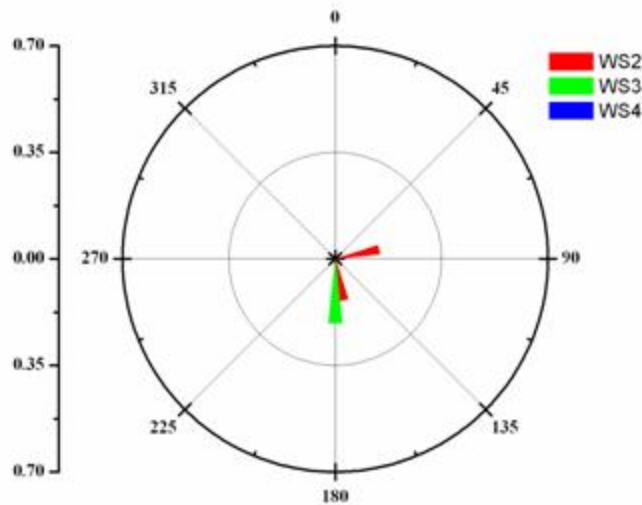


Figure 29

Saguaro National Park West, AZ (SAWE)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

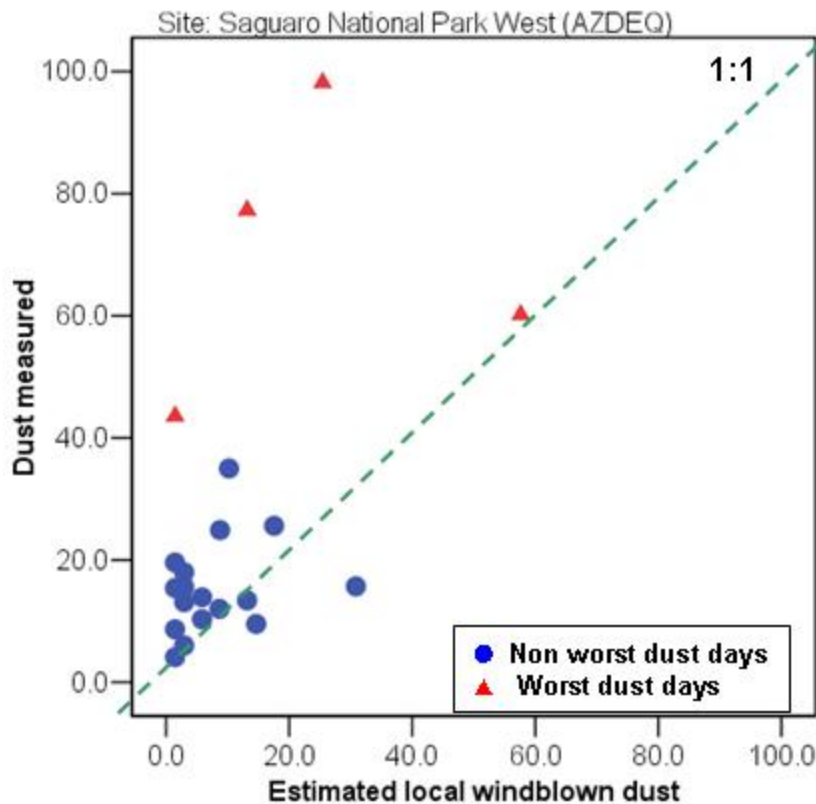
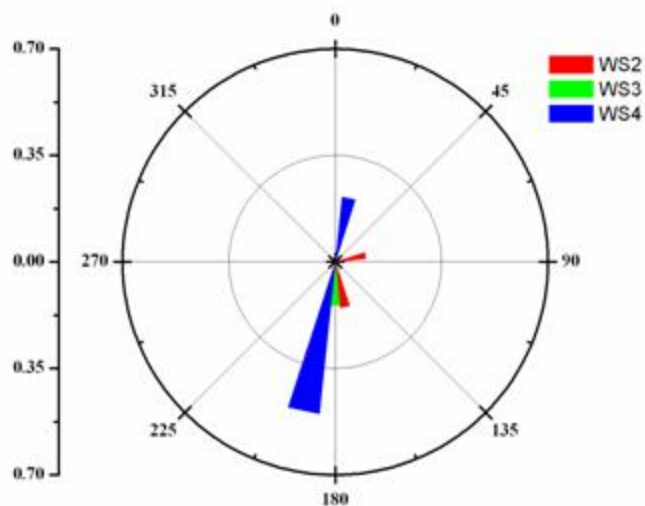


Figure 30

Salt Creek Wilderness, NM (SACR)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

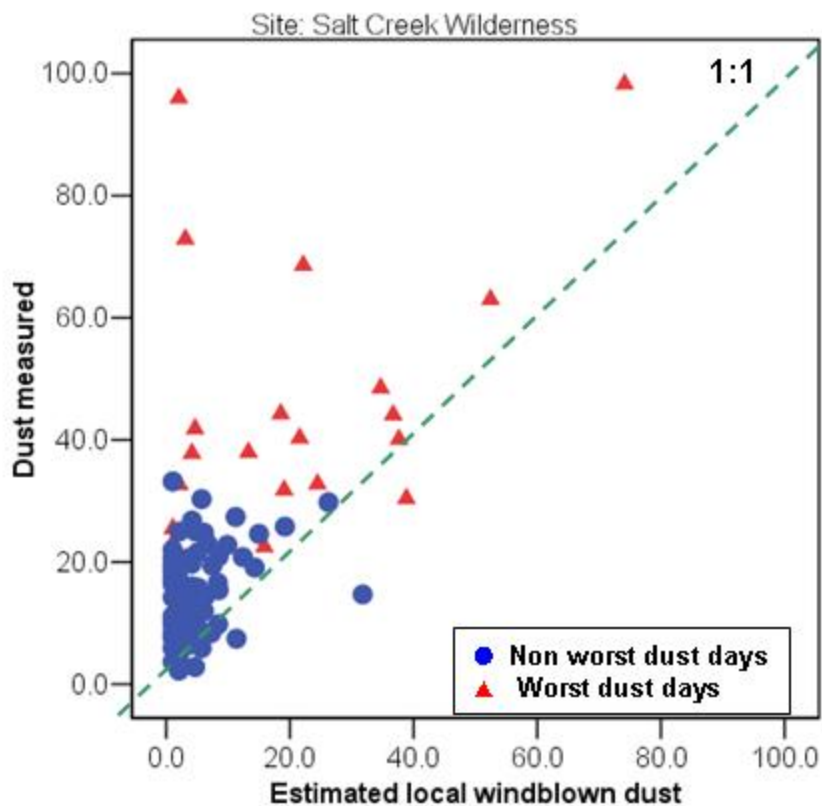
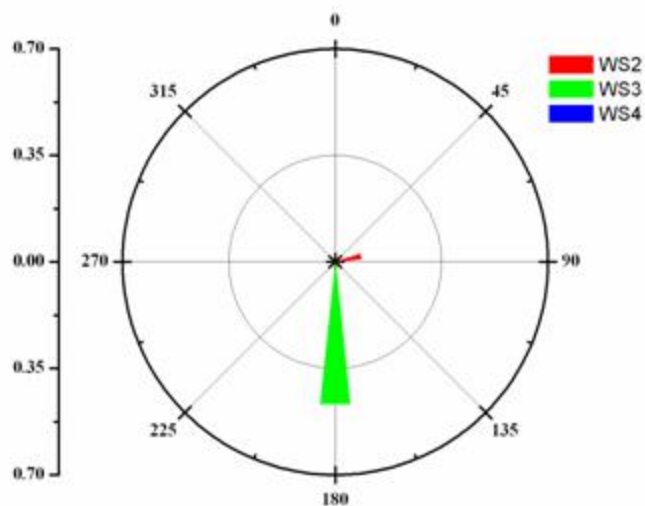


Figure 31

San Pedro Parks Wilderness, NM (SAPE)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

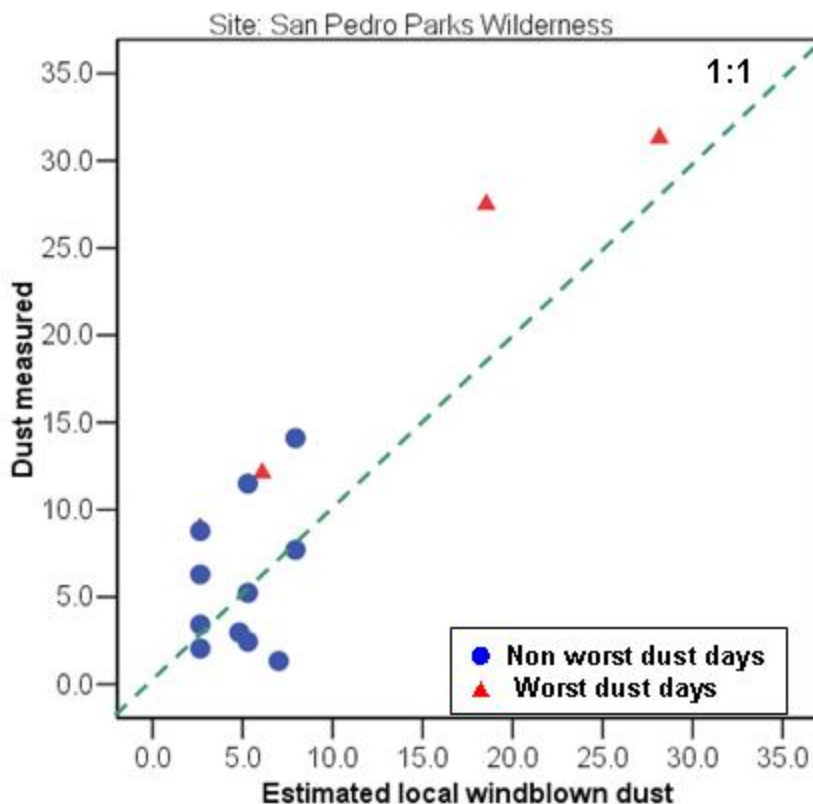
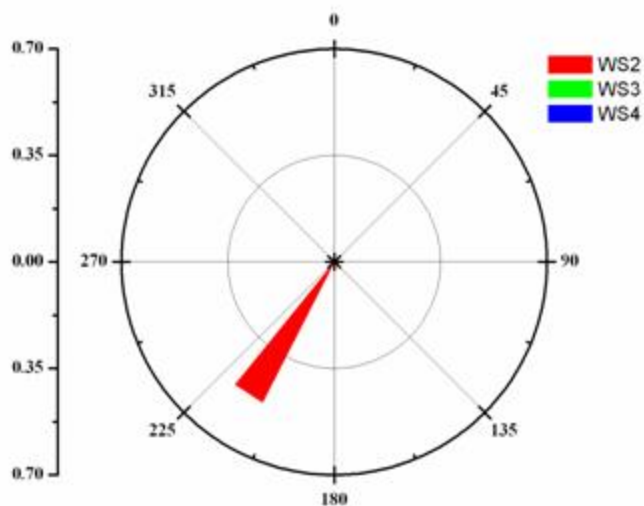


Figure 32

Sawtooth National Forest, ID (SAWT)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

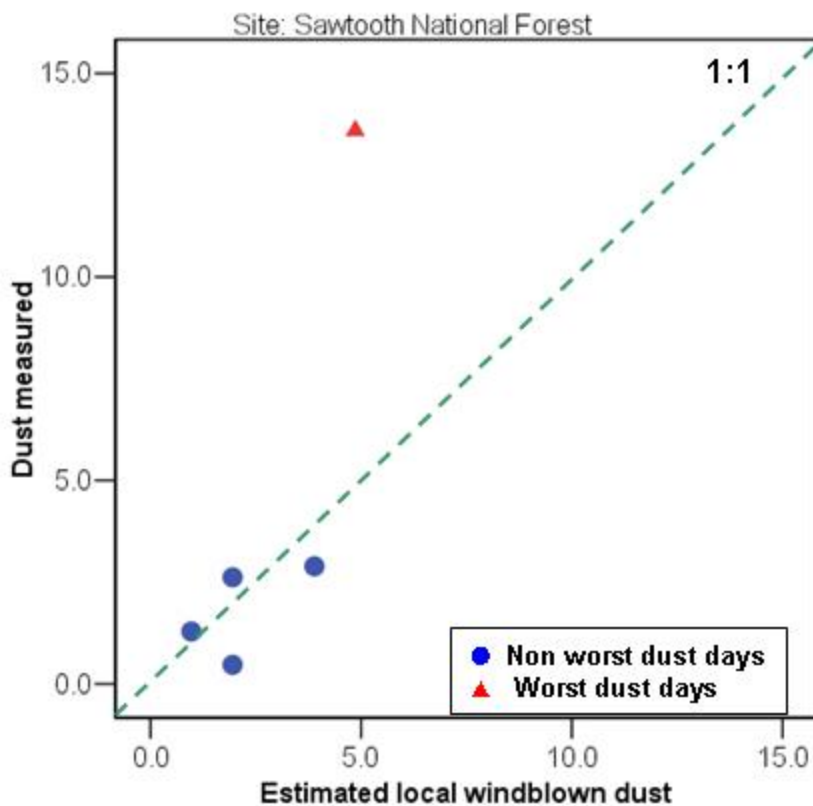
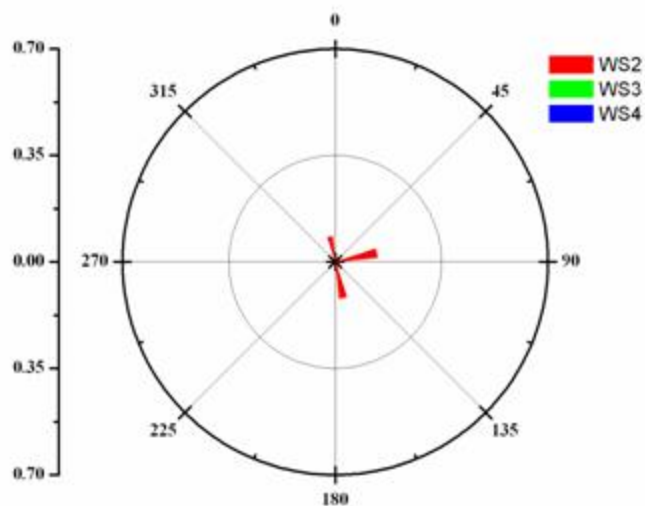




Figure 33

Sierra Ancha, AZ (SIAN)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

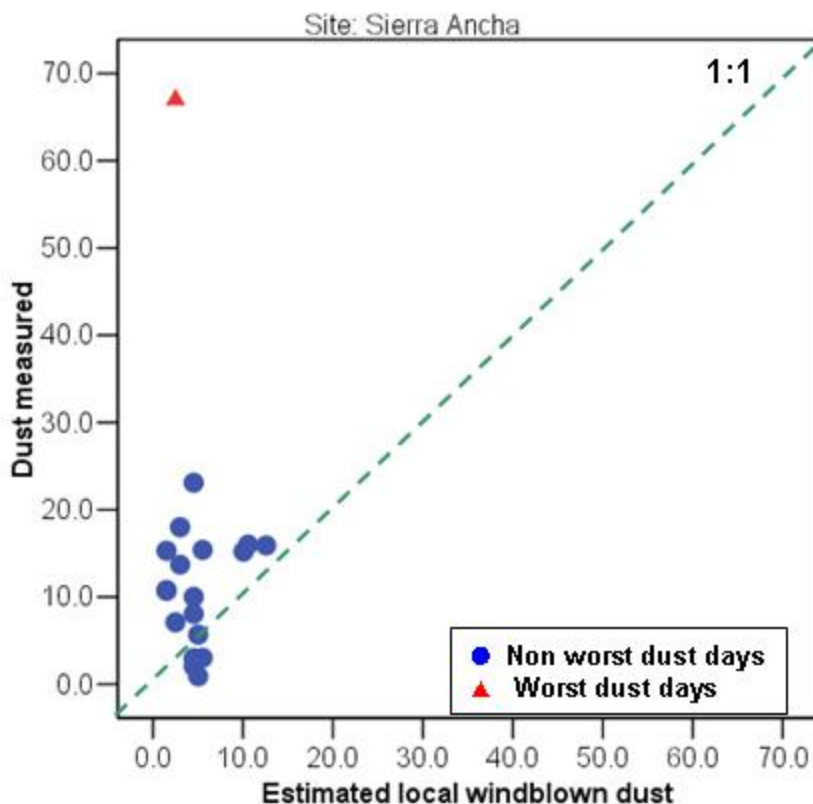
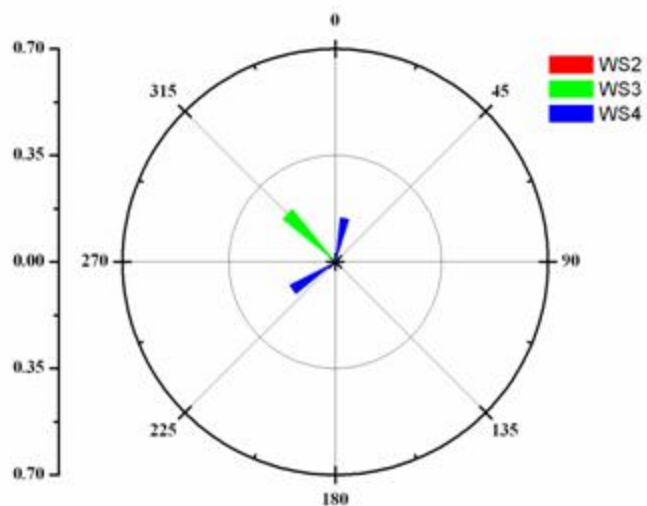


Figure 34

Simeonof Wilderness, AK (SIME)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

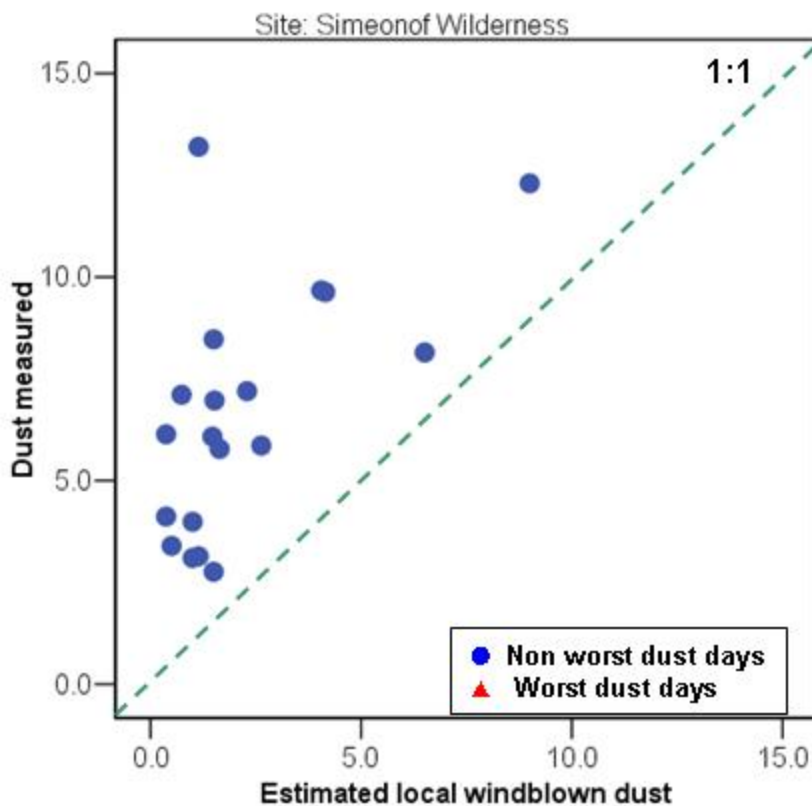
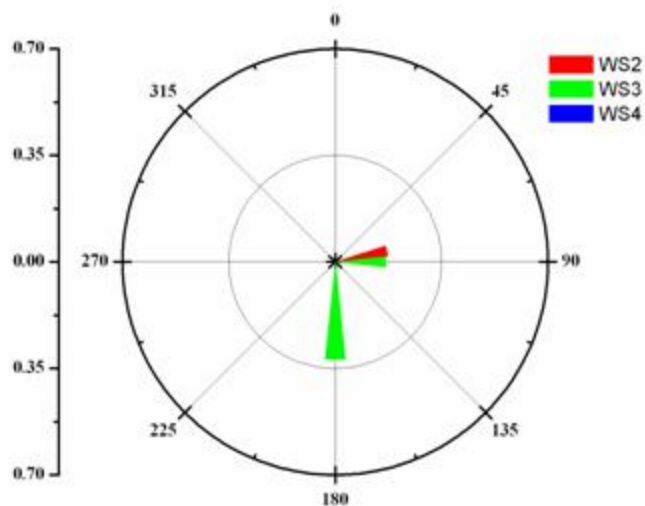


Figure 35

Spokane Res. WA (SPOK)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

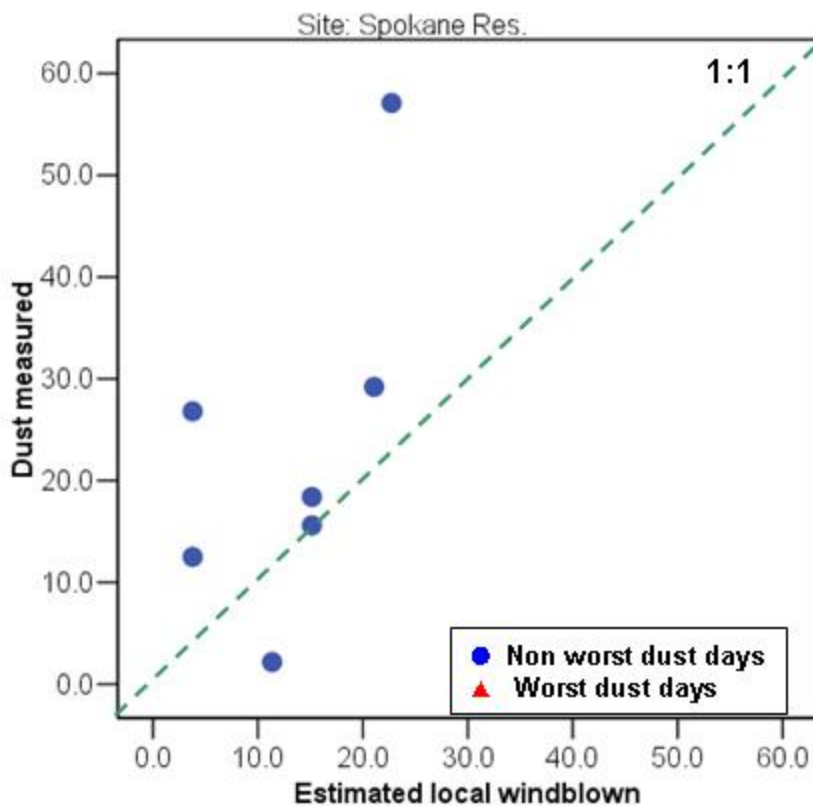
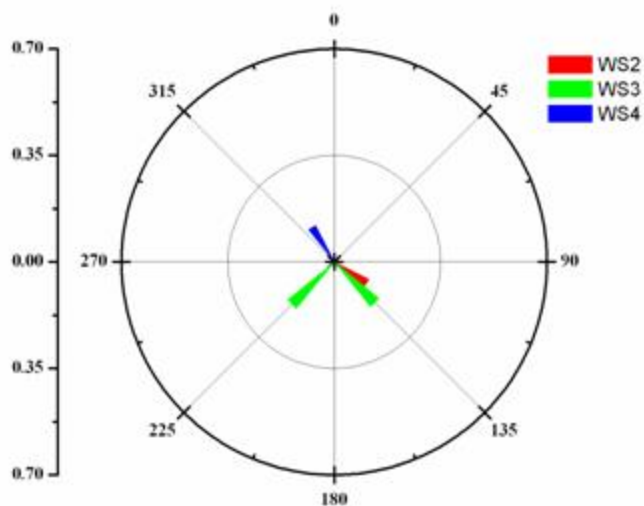


Figure 36

Theodore Roosevelt National Park, ND (THRO)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

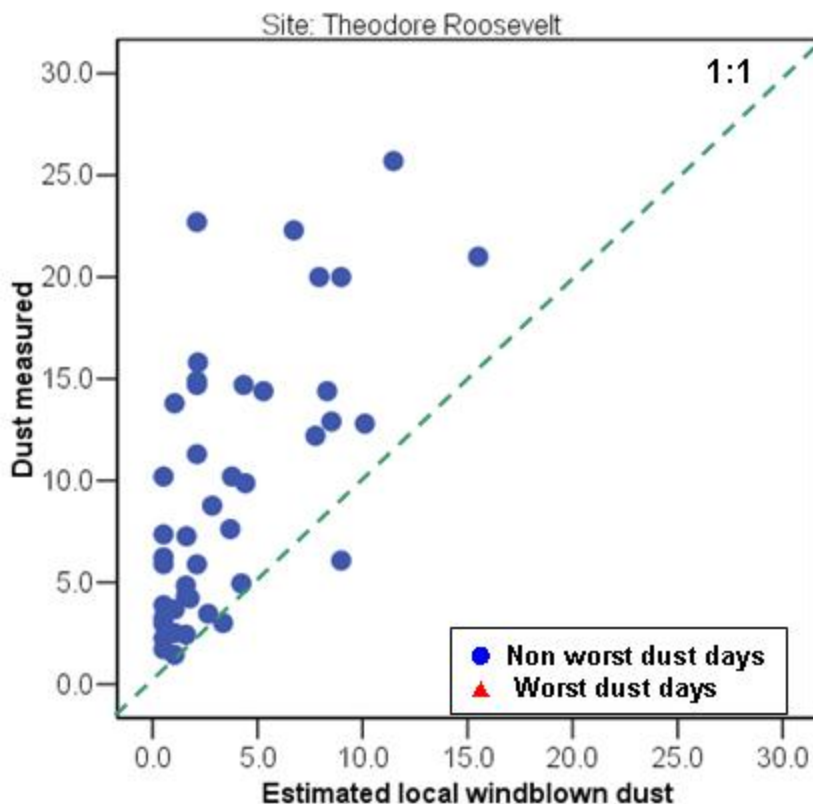
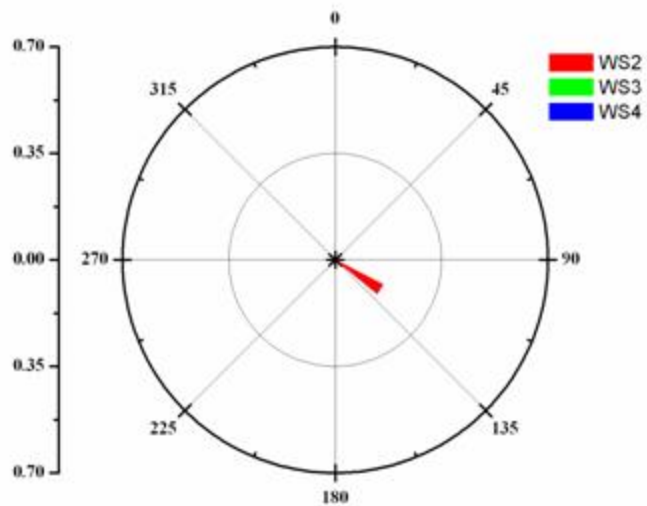


Figure 37

Tonto National Monument, AZ (TONT)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

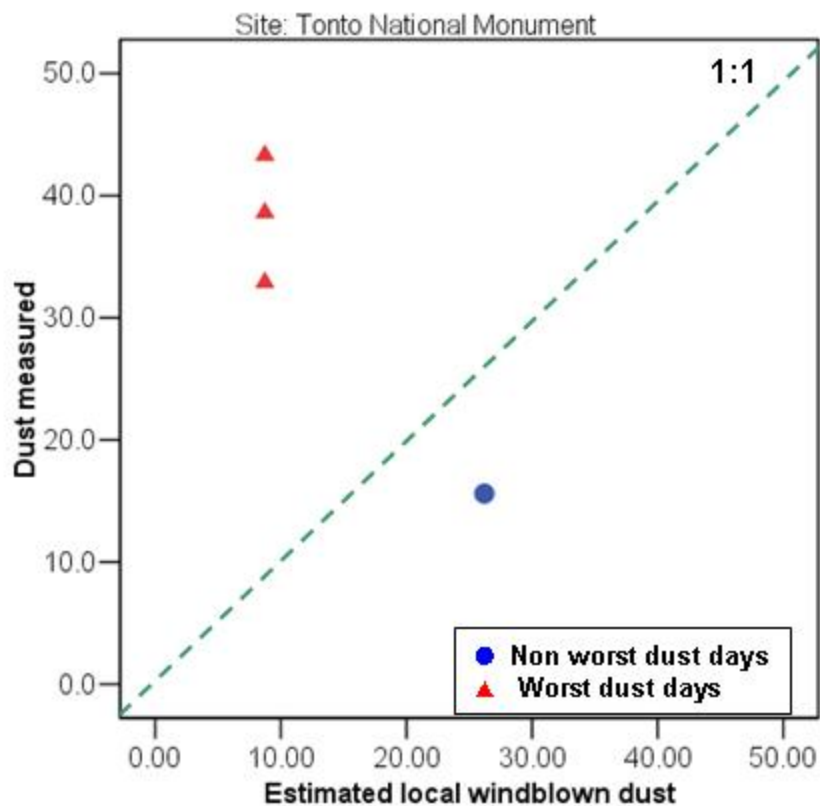
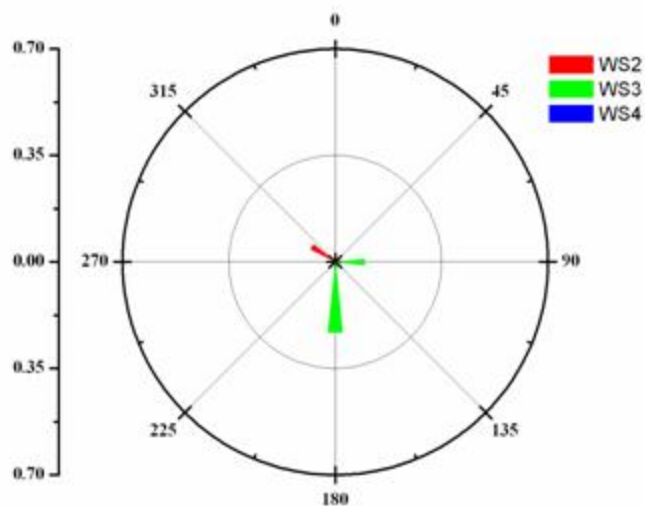


Figure 38

UL Bend Wilderness, MT (ULBE)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

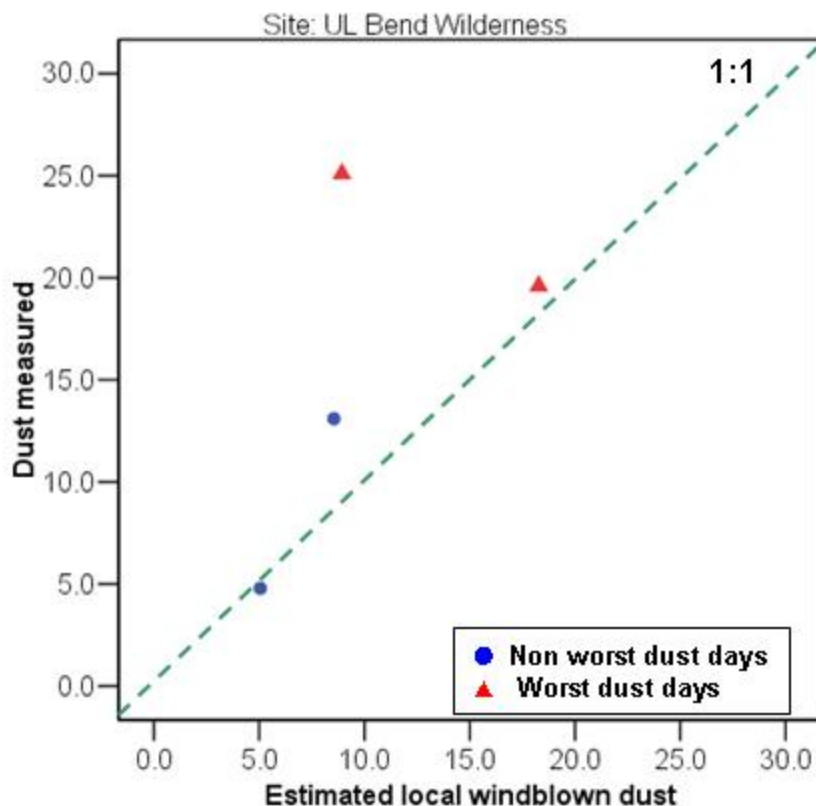
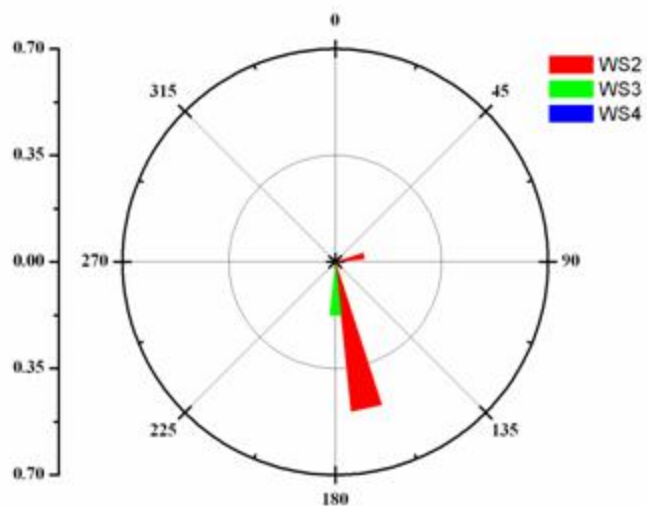


Figure 39

Weminuche Wilderness, CO (WEMI)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

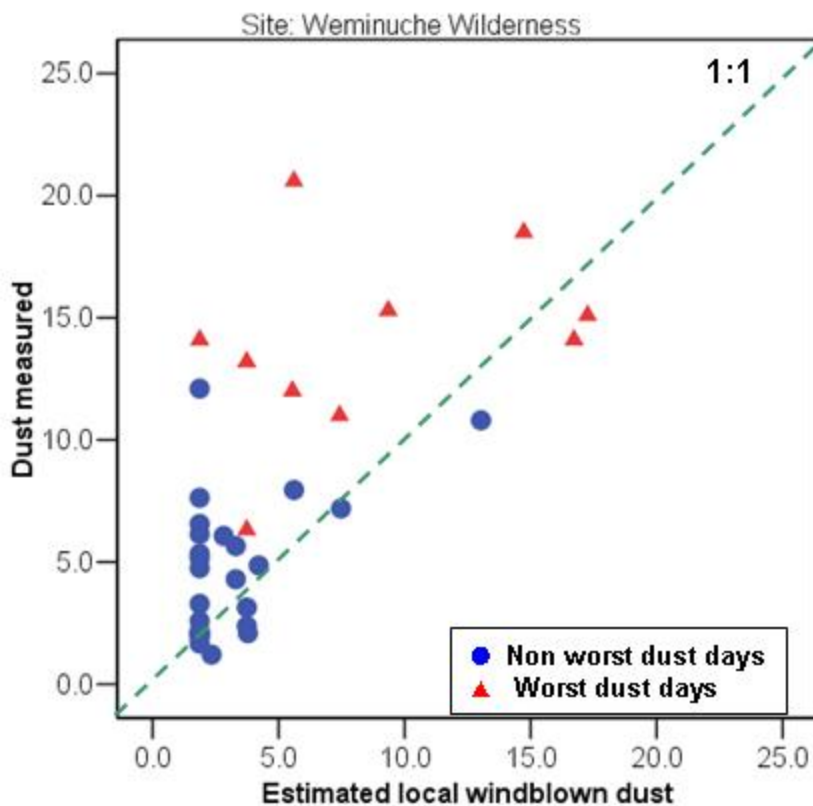
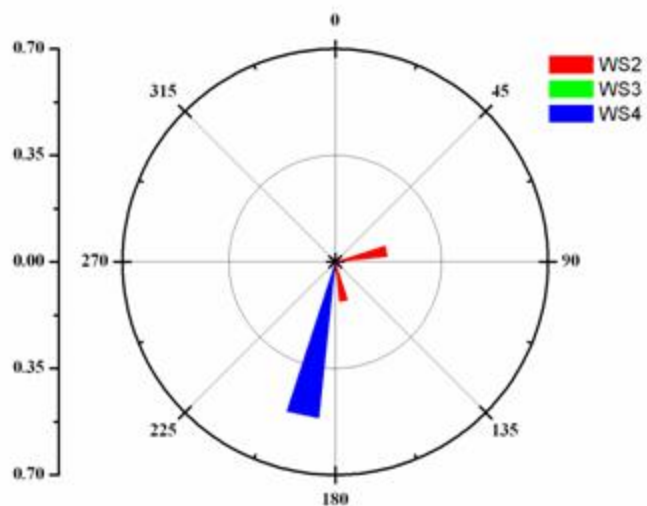


Figure 40

White Mountains Wilderness, NM (WHIT)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

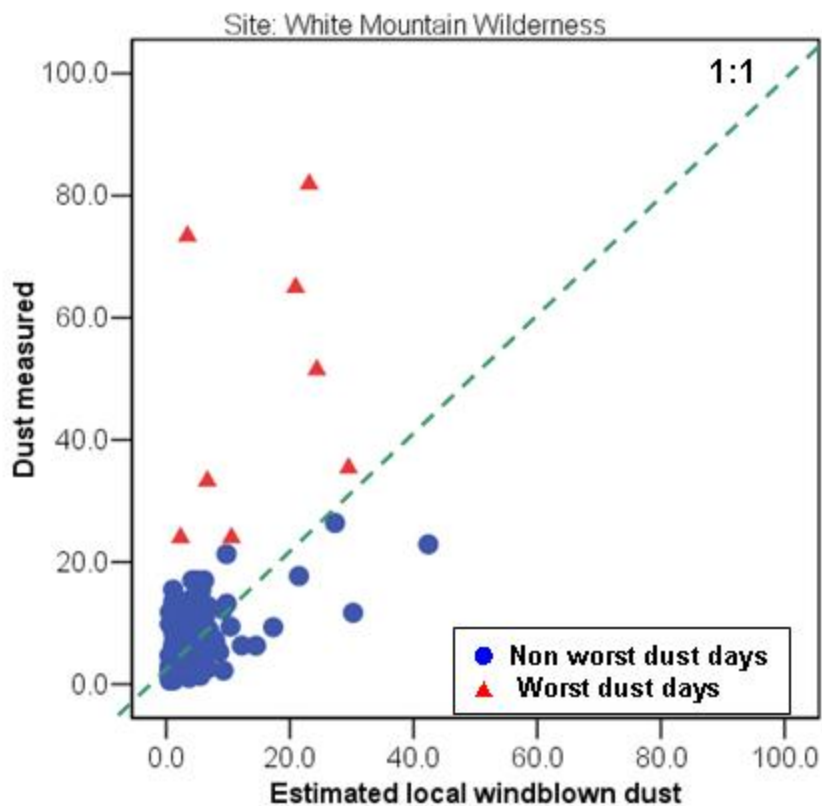
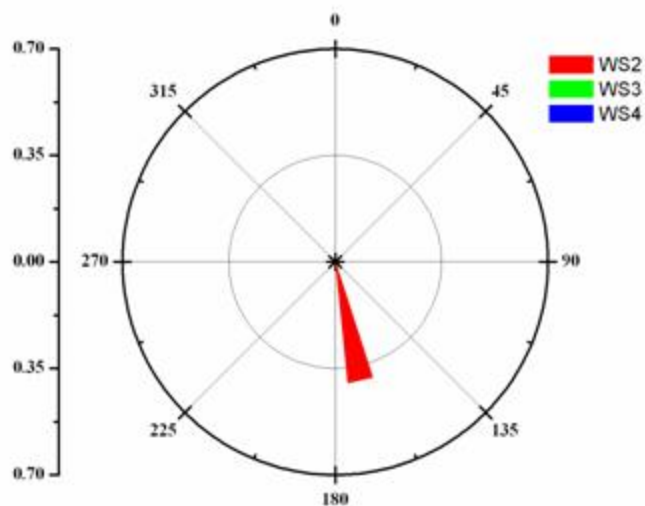




Figure 41

White River National Forest, CO (WHRI)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

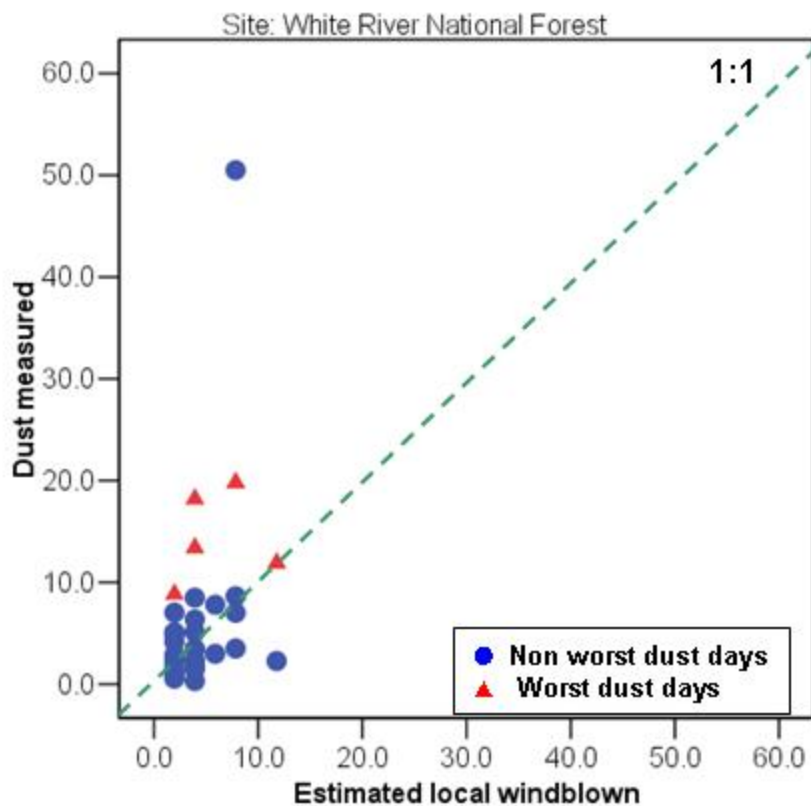
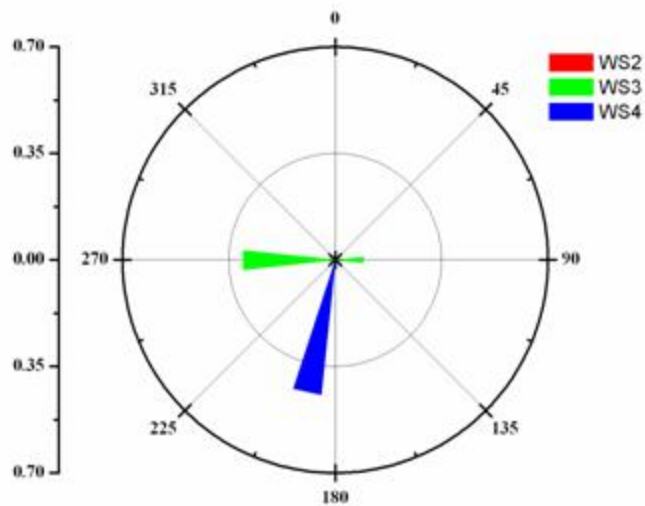


Figure 42

Zion National Park, UT (ZION)

Standardized regression coefficients (measured dust vs. wind speed by quadrant)



Measured dust vs. predicted local windblown dust for IMPROVE sample days when data were available and significant

