OMI vs. CHASER

(a) East Asia

![Graph showing comparison between OMI and CHASER for East Asia with data points and model predictions.]

Slope = -0.19, 0.040, 0.67  
Intercept = 6.4, 7.1, 2.8  
r = -0.31, 0.040, 0.36

(b) The western US

![Graph showing comparison between OMI and CHASER for the western US with data points and model predictions.]

Slope = 0.15, 0.24, 0.31  
Intercept = 0.64, 0.99, 1.6  
r = 0.95, 0.95, 0.94

GOME-2 vs. CHASER

(c) East Asia

![Graph showing comparison between GOME-2 and CHASER for East Asia with data points and model predictions.]

Slope = -0.31, -0.16, -0.38  
Intercept = 11.9, 13.2, 21.9  
r = -0.58, -0.19, 0.44

(d) The western US

![Graph showing comparison between GOME-2 and CHASER for the western US with data points and model predictions.]

Slope = 0.14, 0.22, 0.40  
Intercept = 0.66, 1.0, 1.5  
r = 0.92, 0.92, 0.94

2.8° x 2.8°  1.1° x 1.1°  0.56° x 0.56°

Legend:
- × Beijing
- ○ Guangzhou
- ● Shenzhen
- ◆ Nanjing
- ▲ Seoul
- ○ Los Angeles
- ○ Phoenix
- ♦ San Francisco
- ● Denver
- ■ Seattle
- △ Four Corners
- ▲ Tokyo
- × Salt Lake City