



Texas Commission on Environmental Quality

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# HGB 8-Hour Model Performance Evaluation

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SETPMTC Briefing  
March 23, 2006



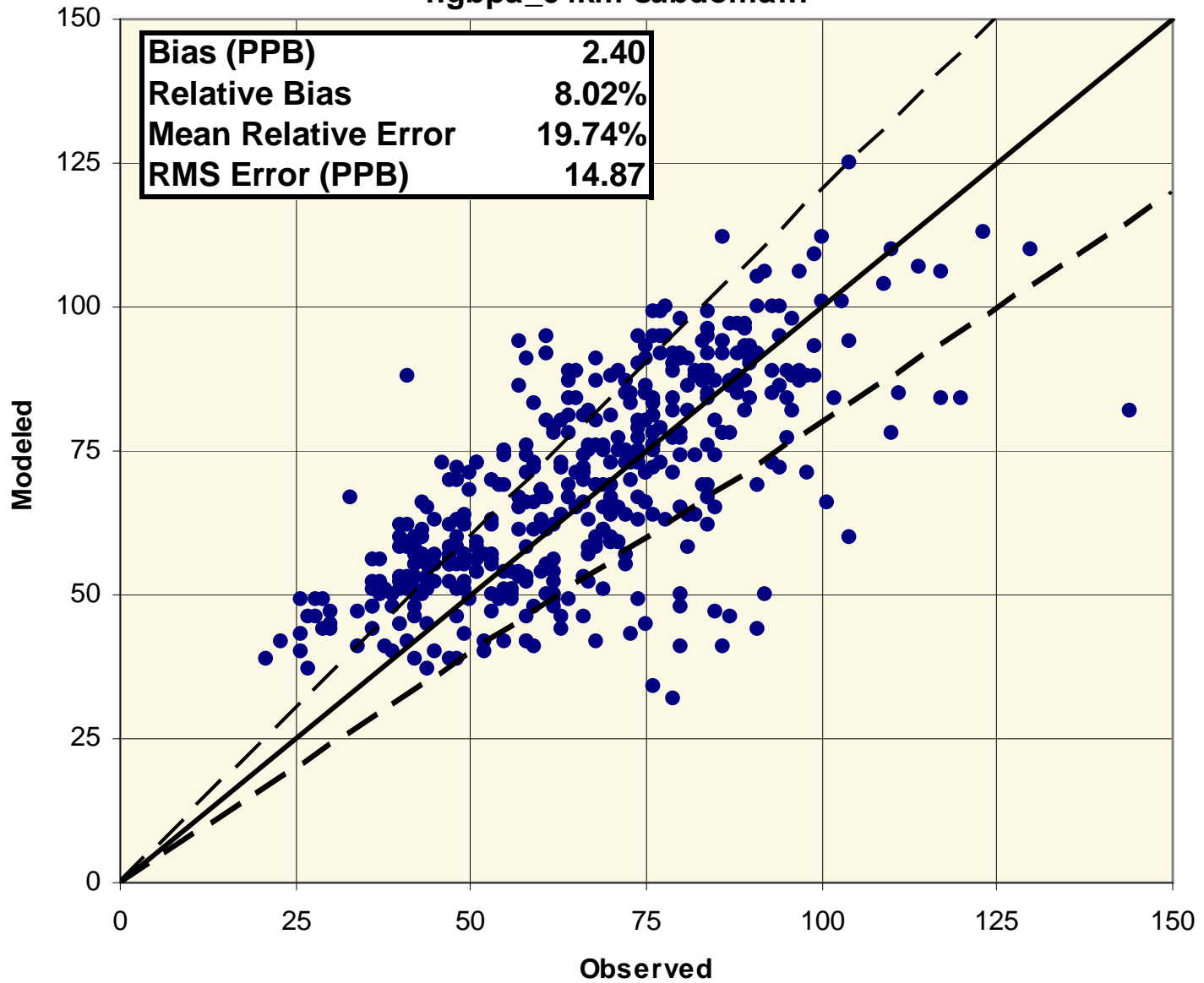
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# Daily 8-Hour Peak Ozone

All Sites, All days



**Daily Max 8-Hour Ozone at 24 HG Sites**  
camx403.base5b.psito2n2, 8/22-9/6/2000  
hgbpa\_04km subdomain





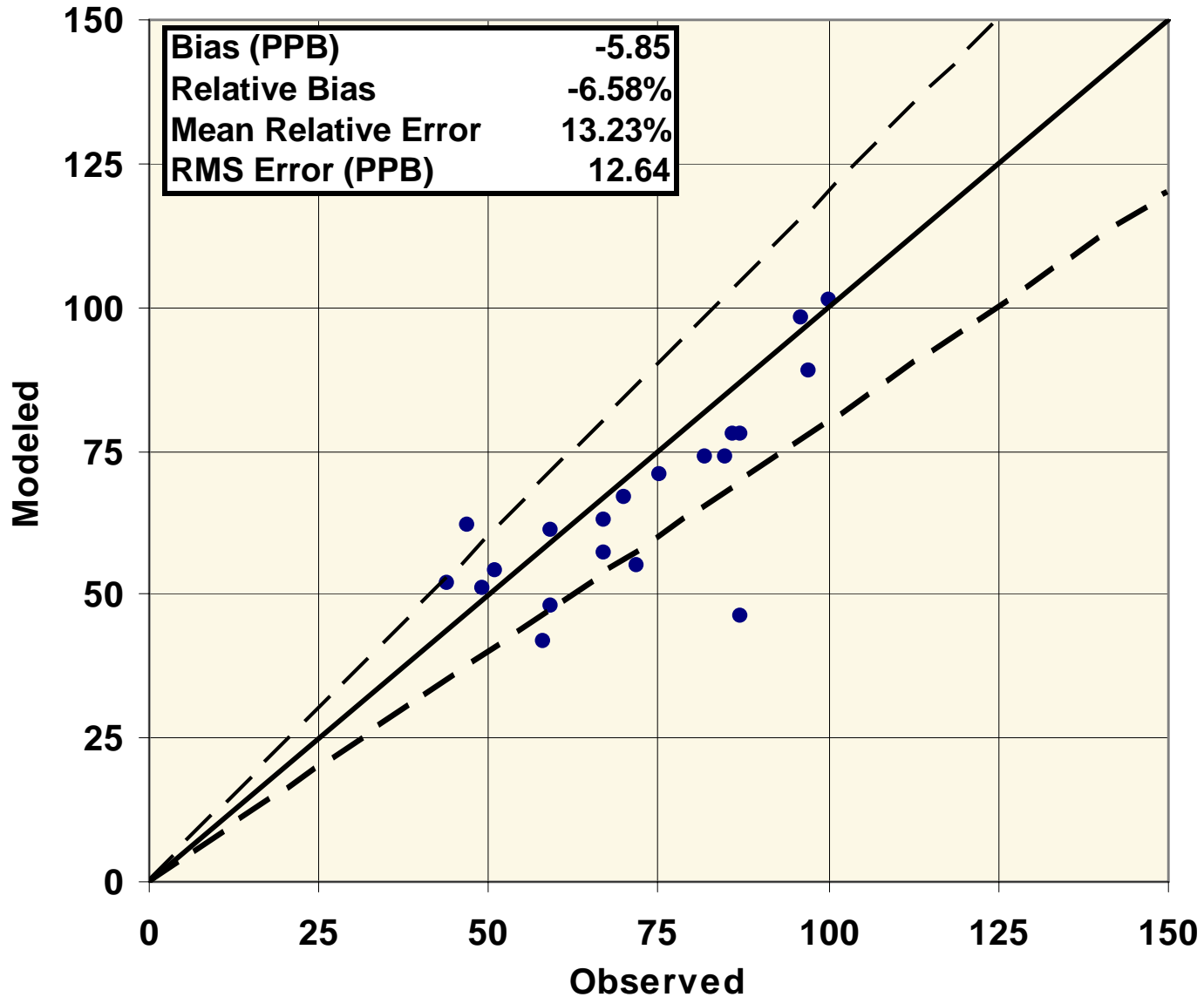
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# Daily 8-Hour Peak Ozone

## By Site

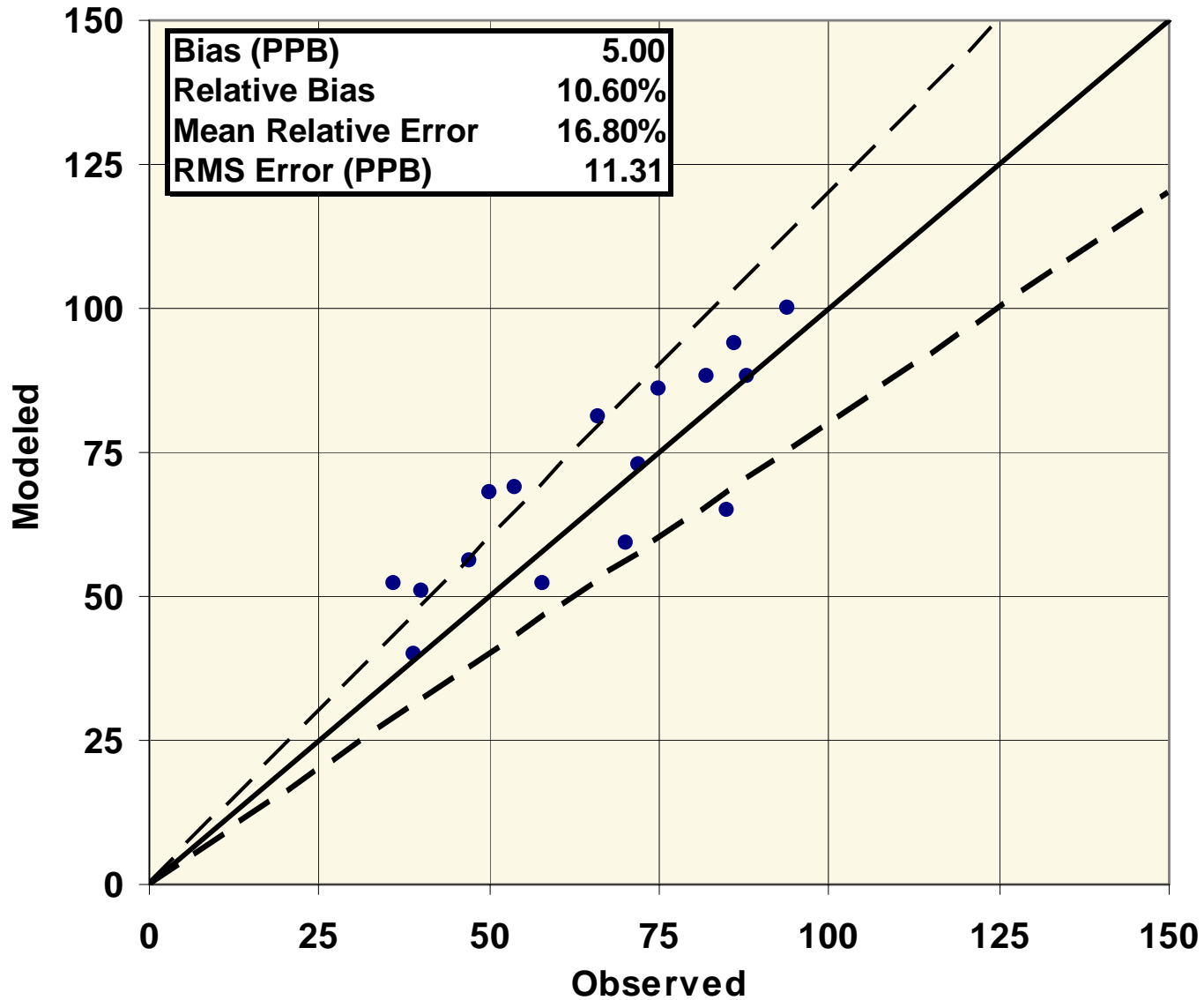


## Daily Max 8-Hour Ozone at Bayland Park (BAYP) 8/18-9/6/2000



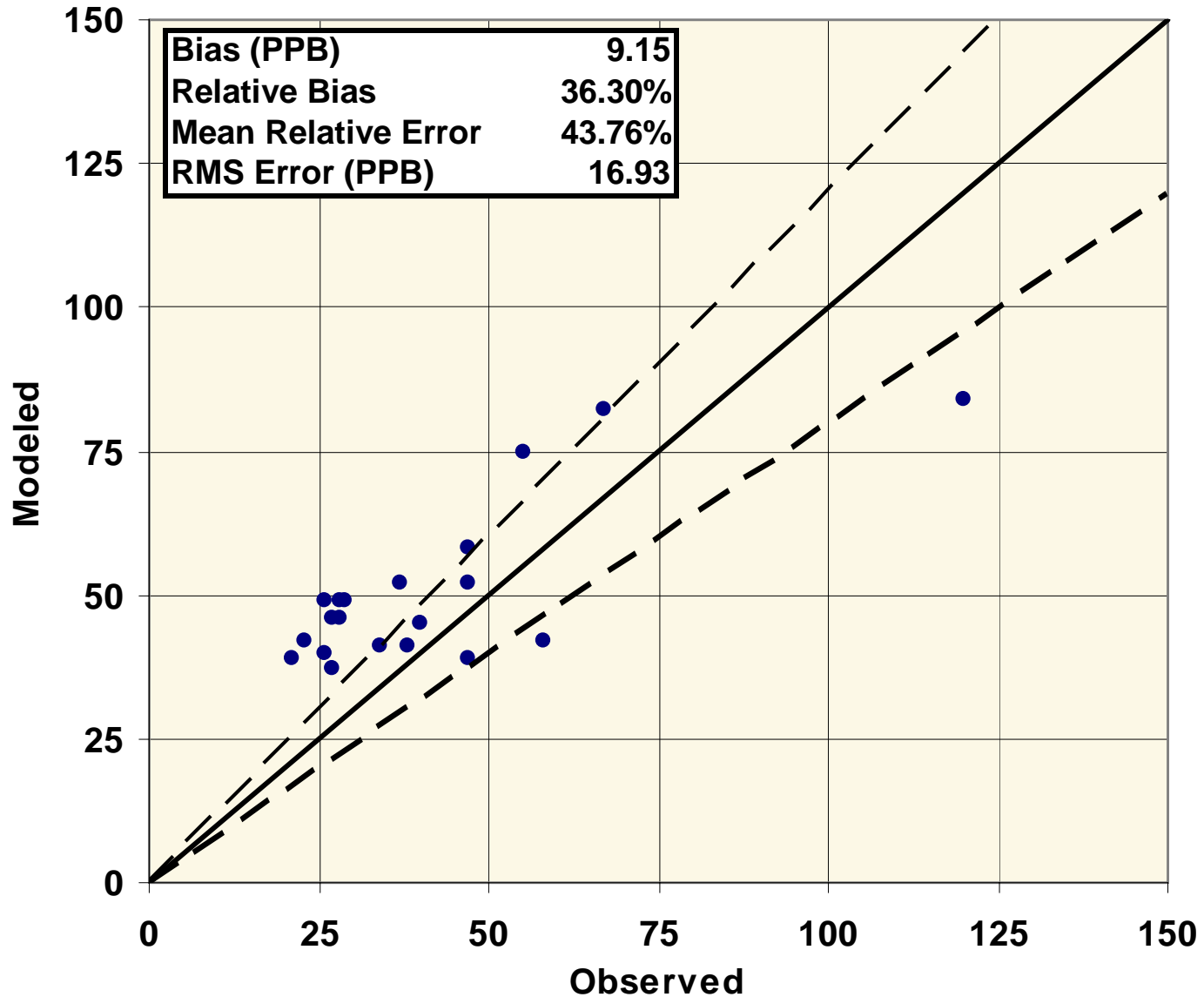


## Daily Max 8-Hour Ozone at Clinton Drive (C35C) 8/18-9/6/2000



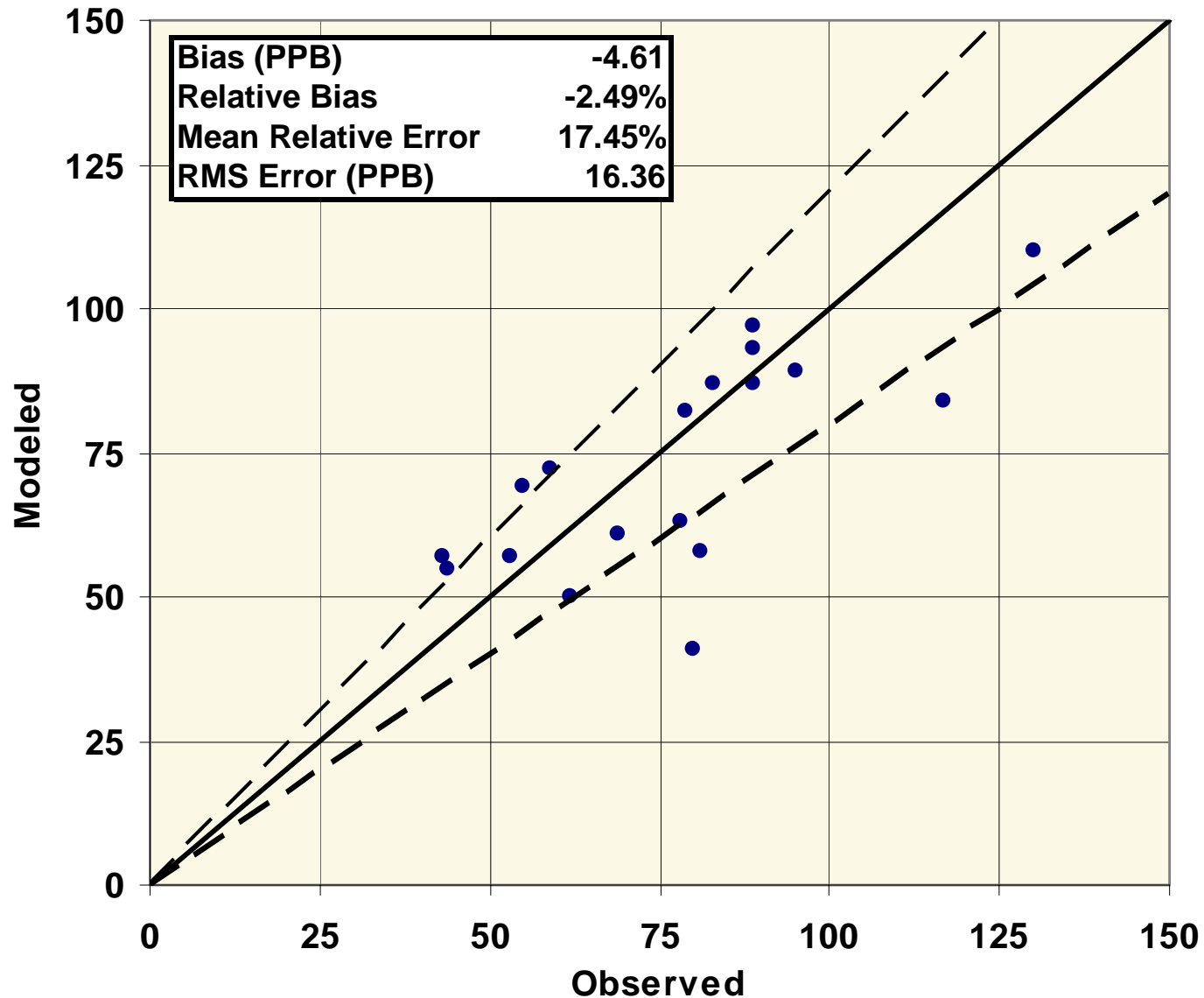


## Daily Max 8-Hour Ozone at Clute (CLTA) 8/18-9/6/2000





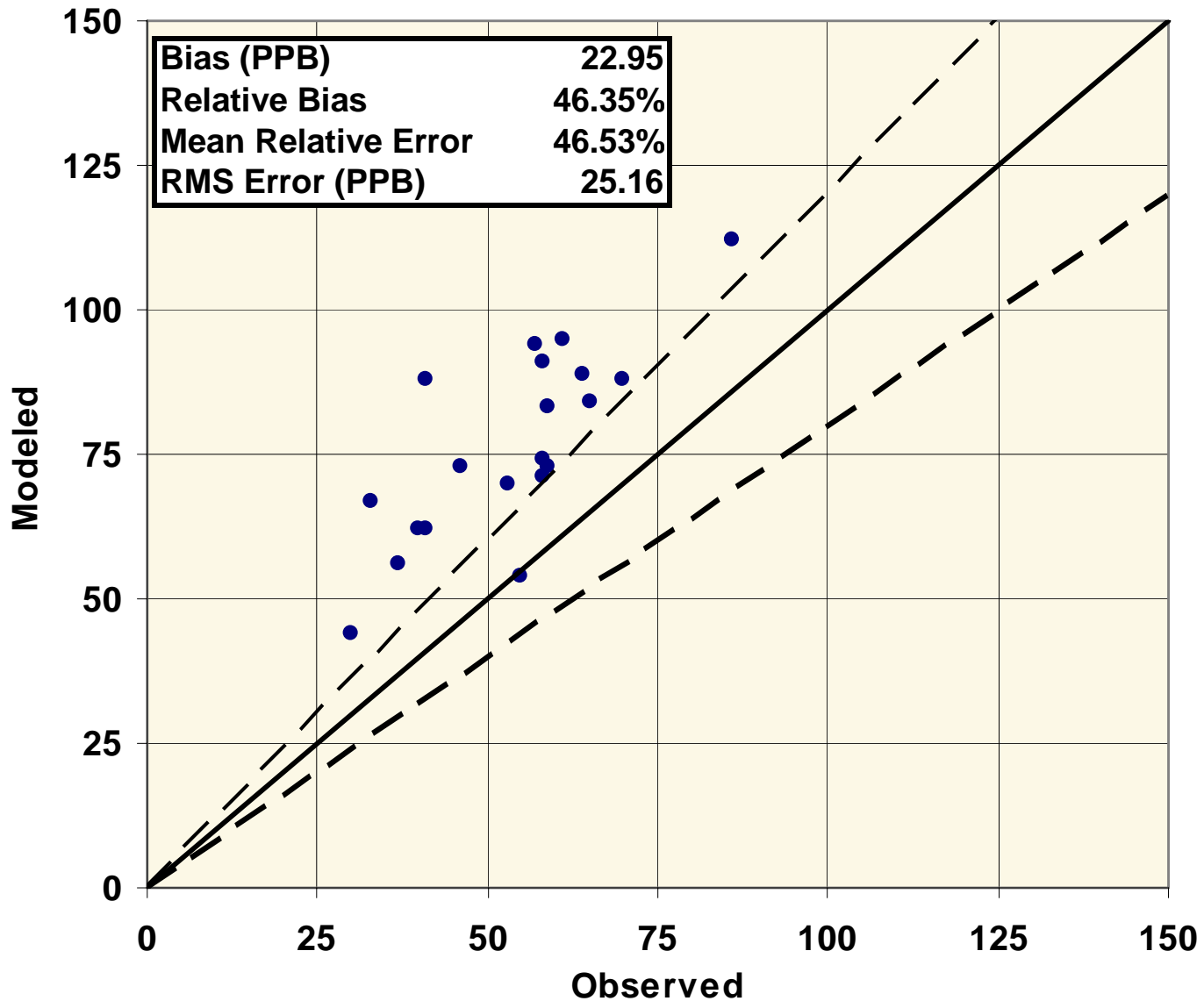
## Daily Max 8-Hour Ozone at Deer Park (DRPK) 8/18-9/6/2000







## Daily Max 8-Hour Ozone at HRM-4 (H04H) 8/18-9/6/2000





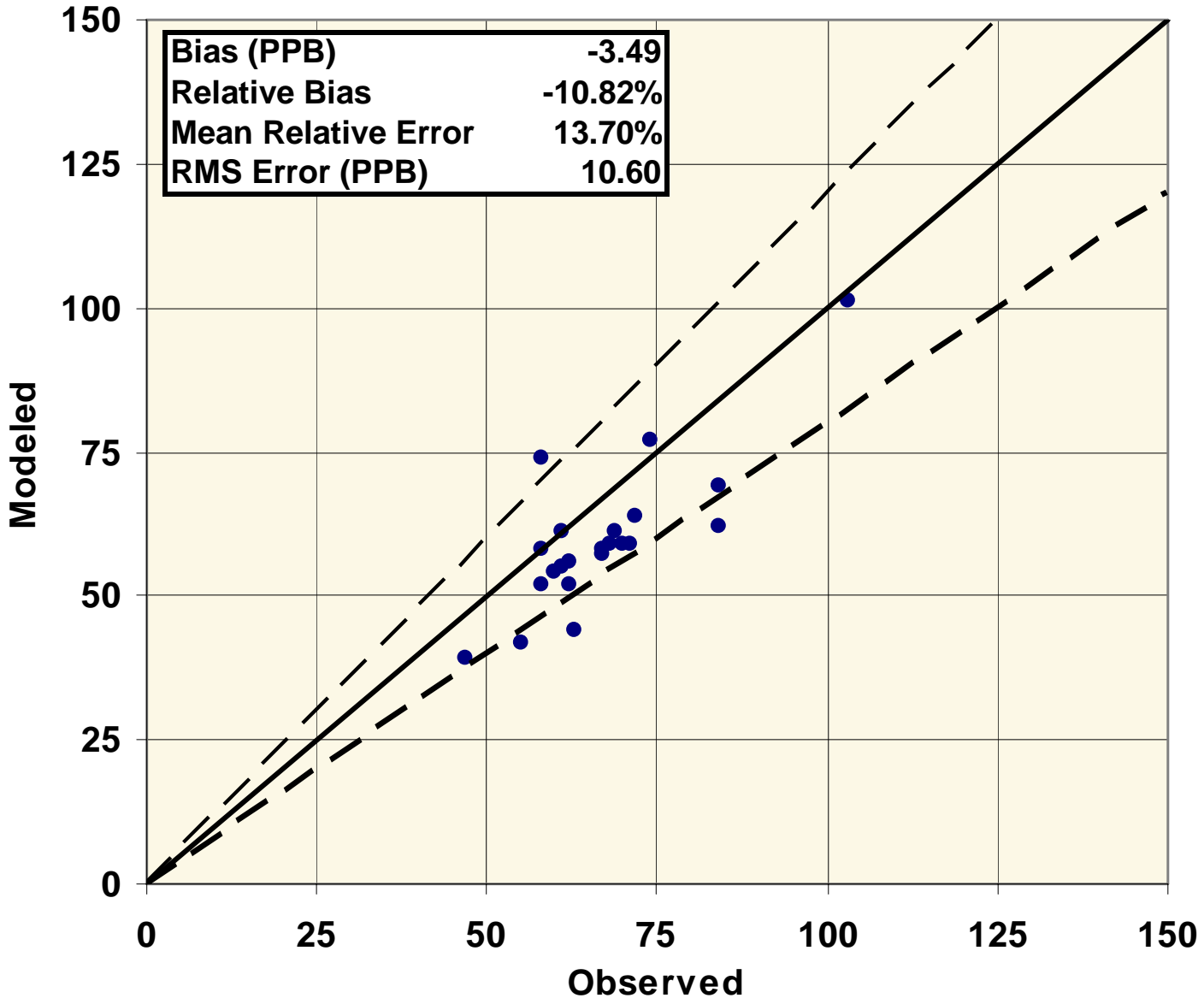
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# Daily 8-Hour Peak Ozone

## By Day

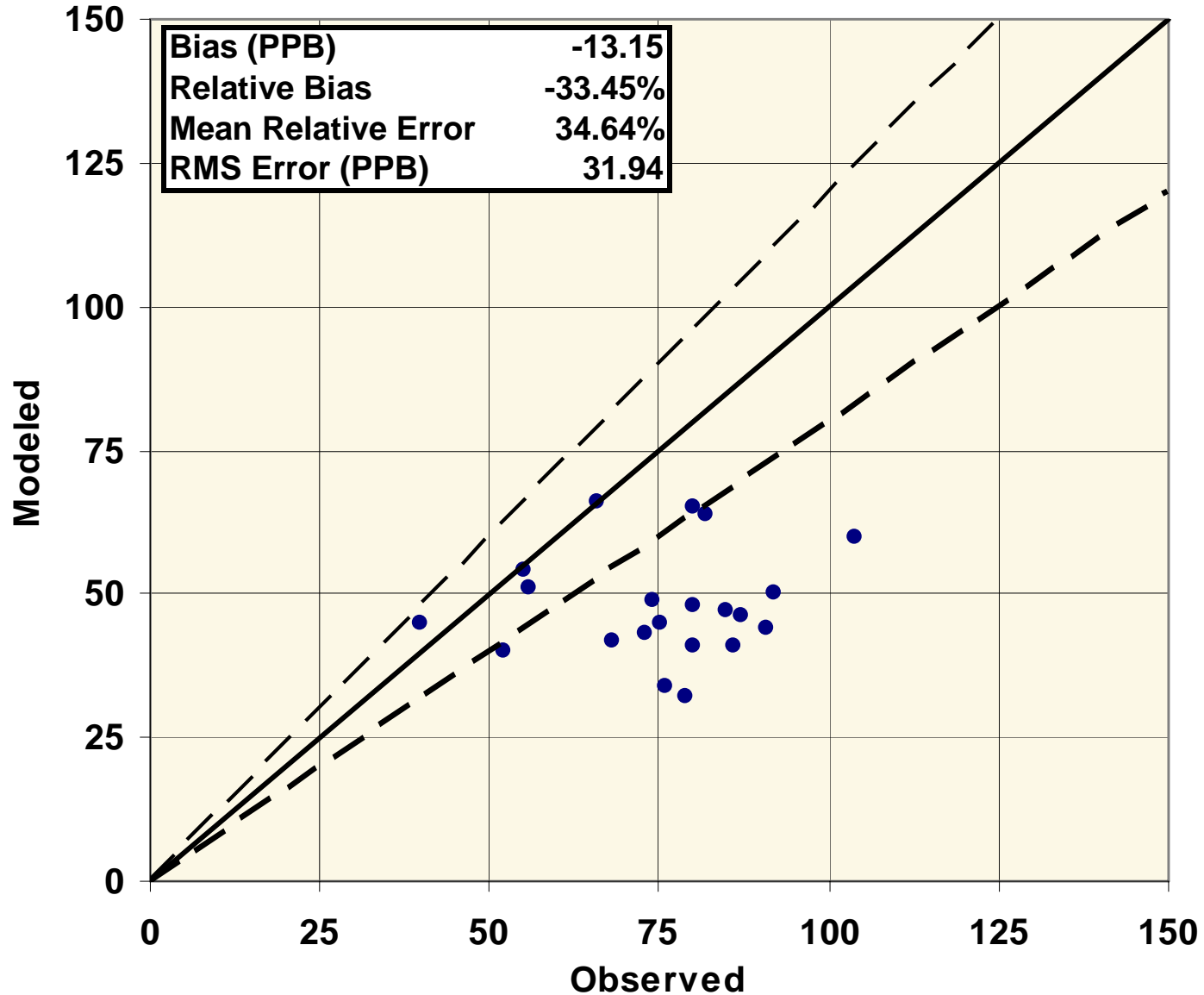


## Daily Max 8-Hour Ozone for 8/18/2000 23 HGB Monitor Sites



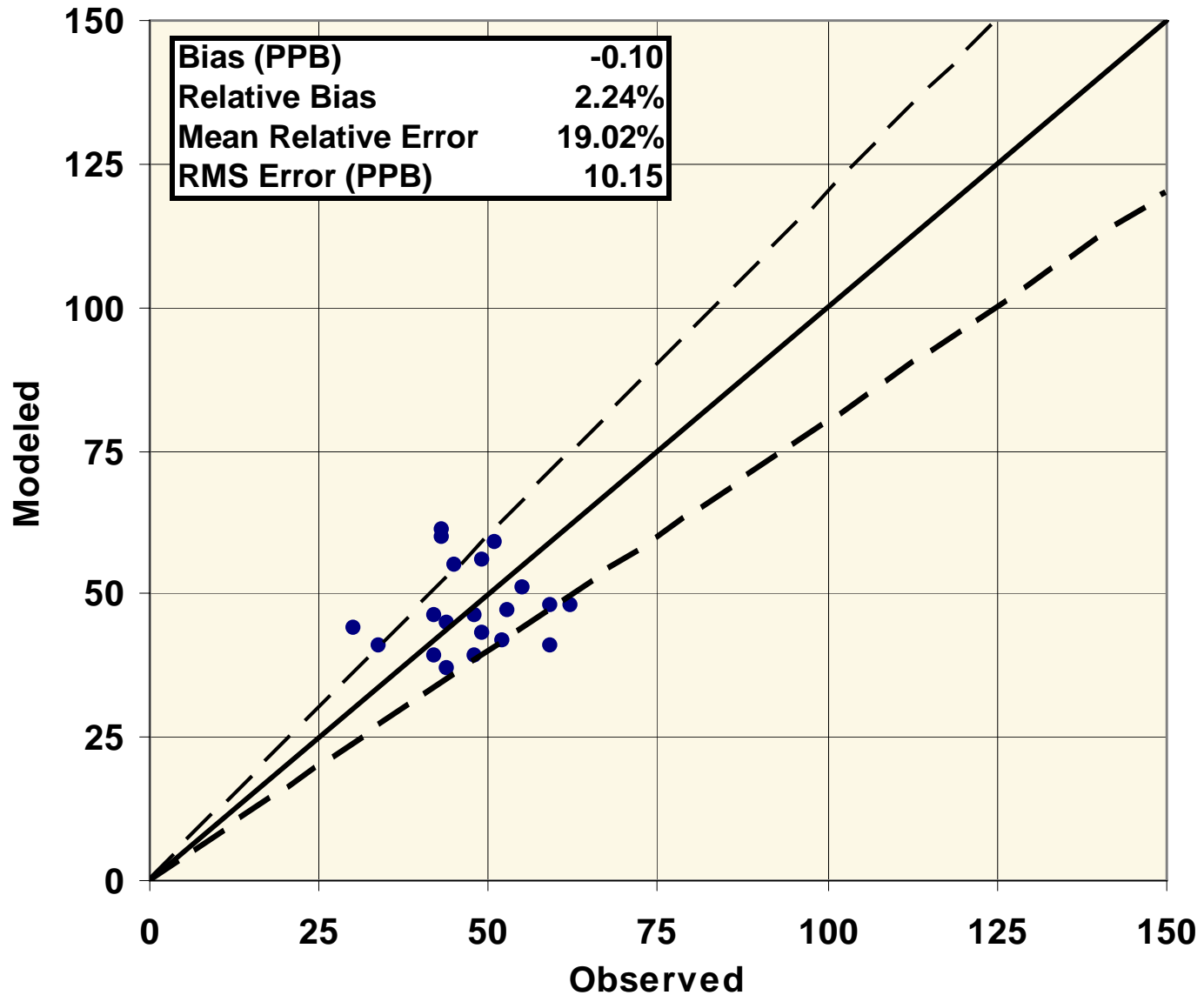


## Daily Max 8-Hour Ozone for 8/21/2000 23 HGB Monitor Sites



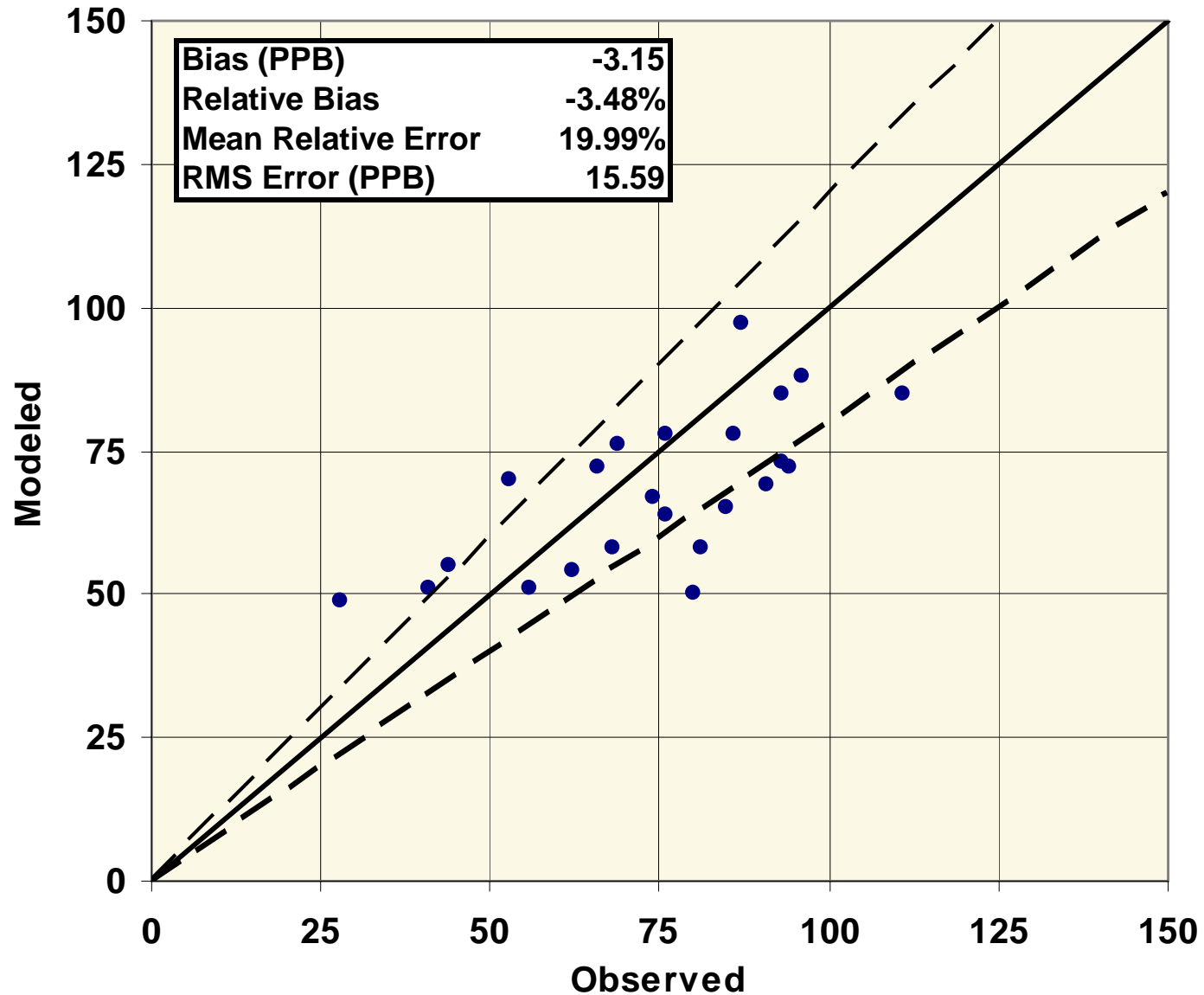


## Daily Max 8-Hour Ozone for 8/23/2000 23 HGB Monitor Sites



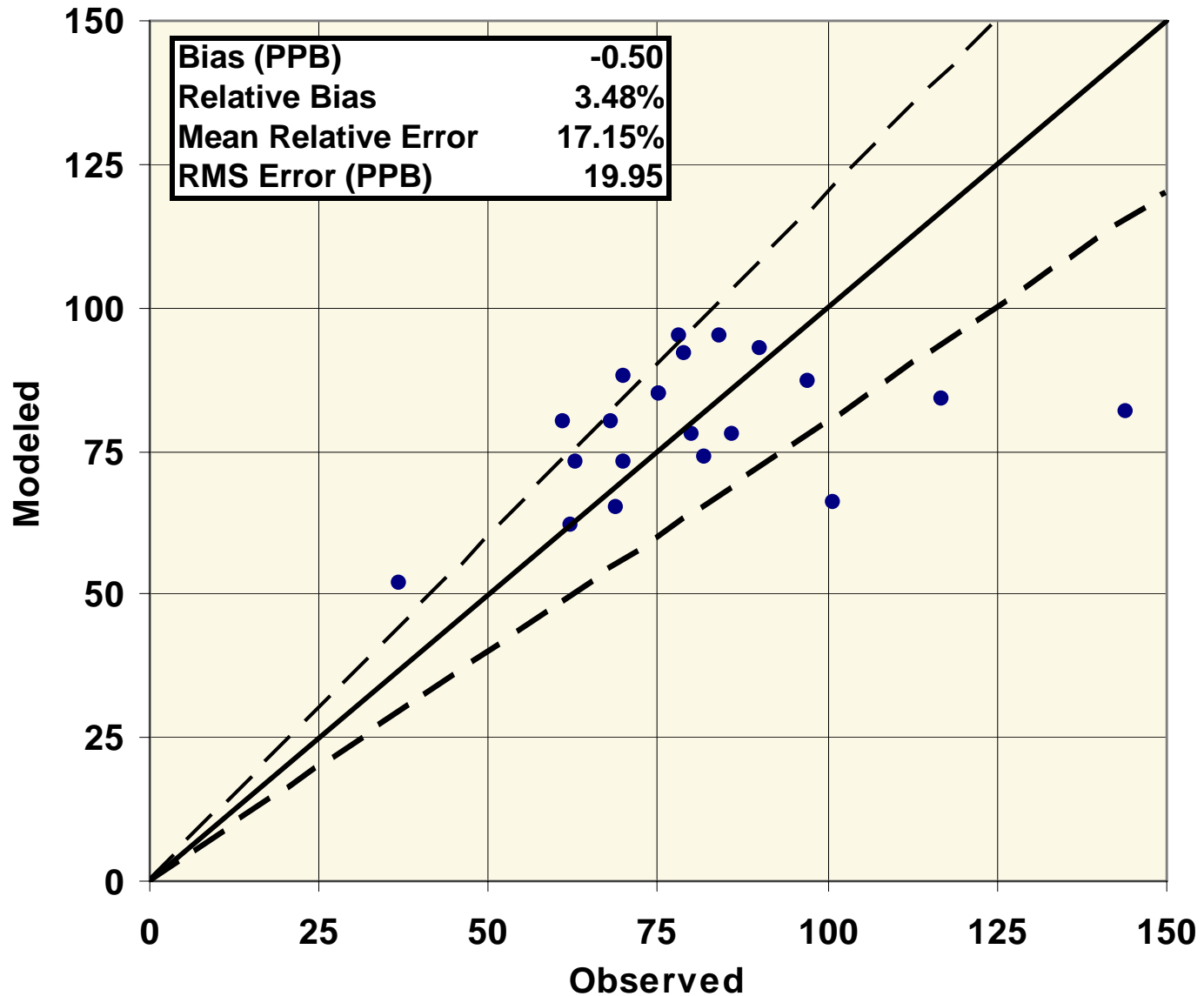


## Daily Max 8-Hour Ozone for 8/25/2000 23 HGB Monitor Sites



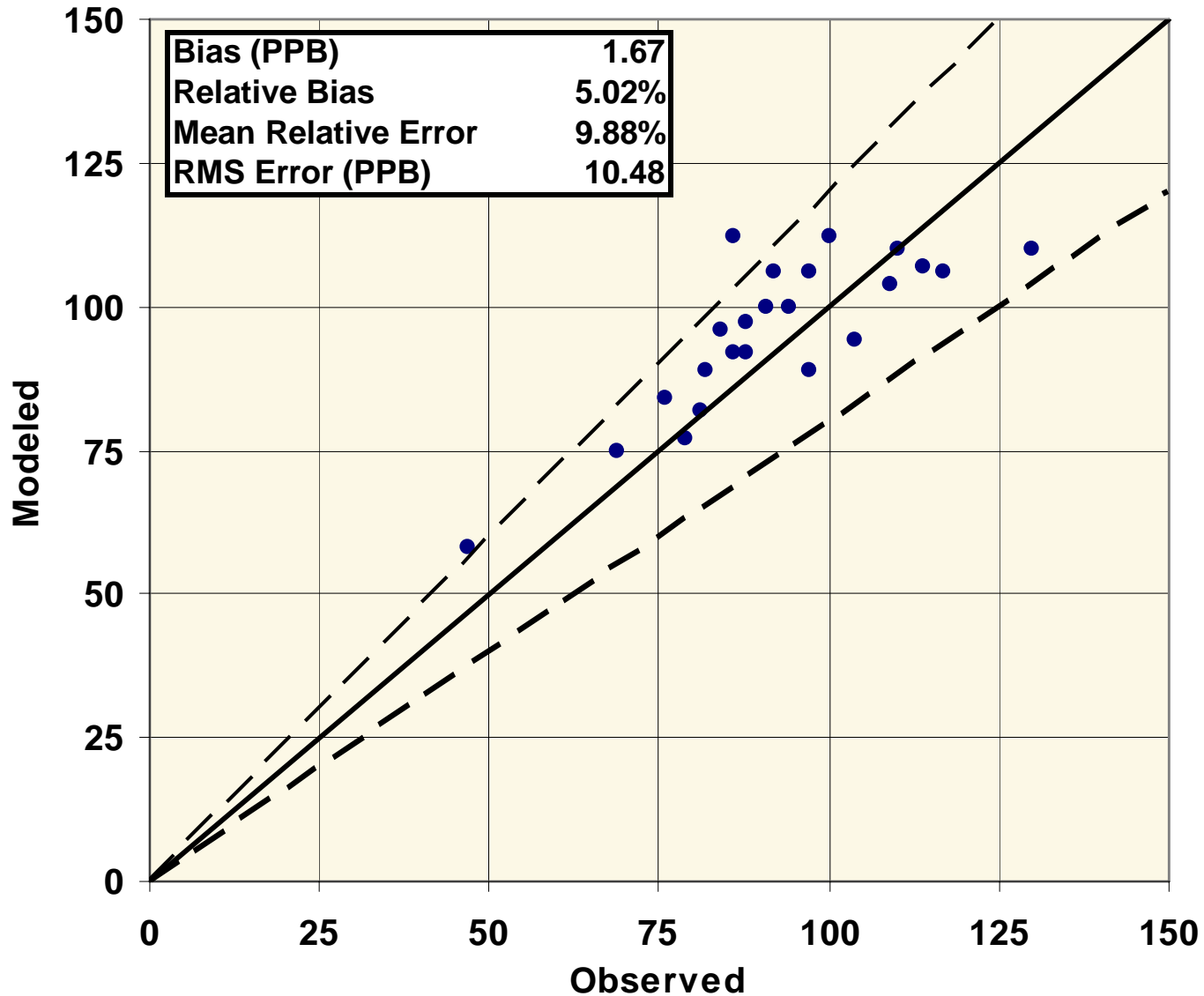


## Daily Max 8-Hour Ozone for 8/30/2000 23 HGB Monitor Sites





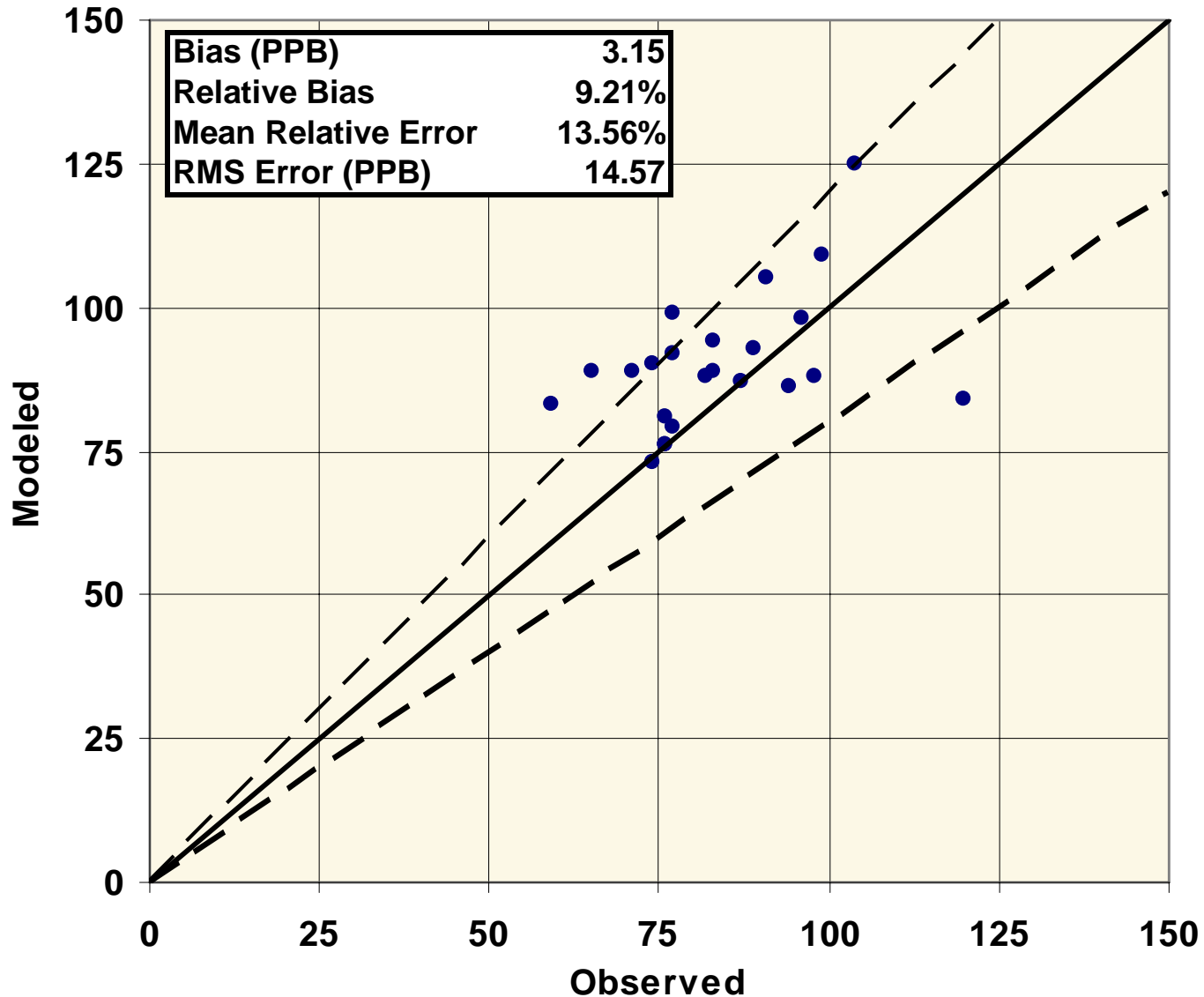
## Daily Max 8-Hour Ozone for 8/31/2000 23 HGB Monitor Sites







## Daily Max 8-Hour Ozone for 9/5/2000 23 HGB Monitor Sites





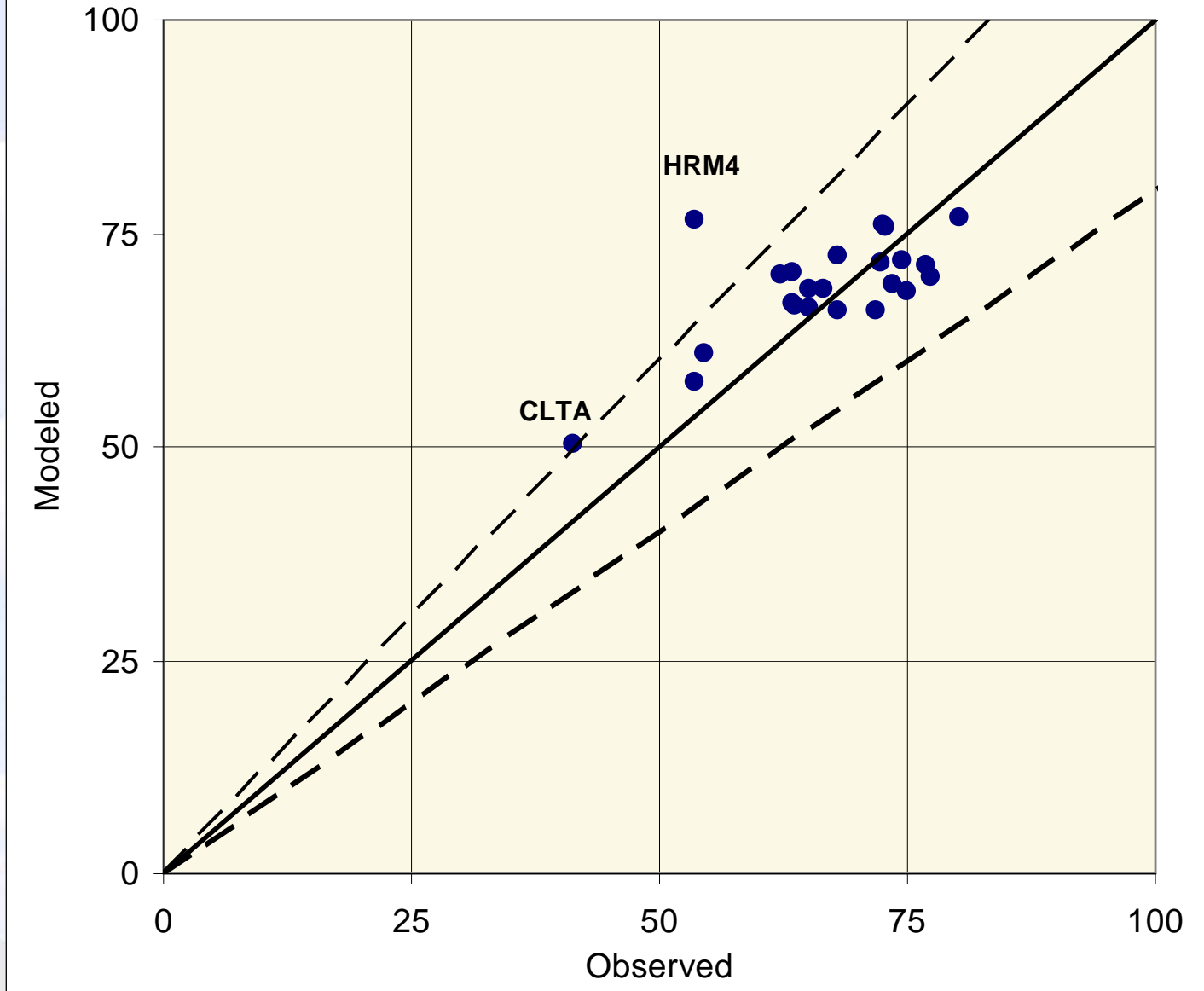
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# Daily 8-Hour Peak Ozone

All Sites, Average Across Days



## Temporally Averaged Daily Max 8-Hour Ozone 8/22-9/6/2000





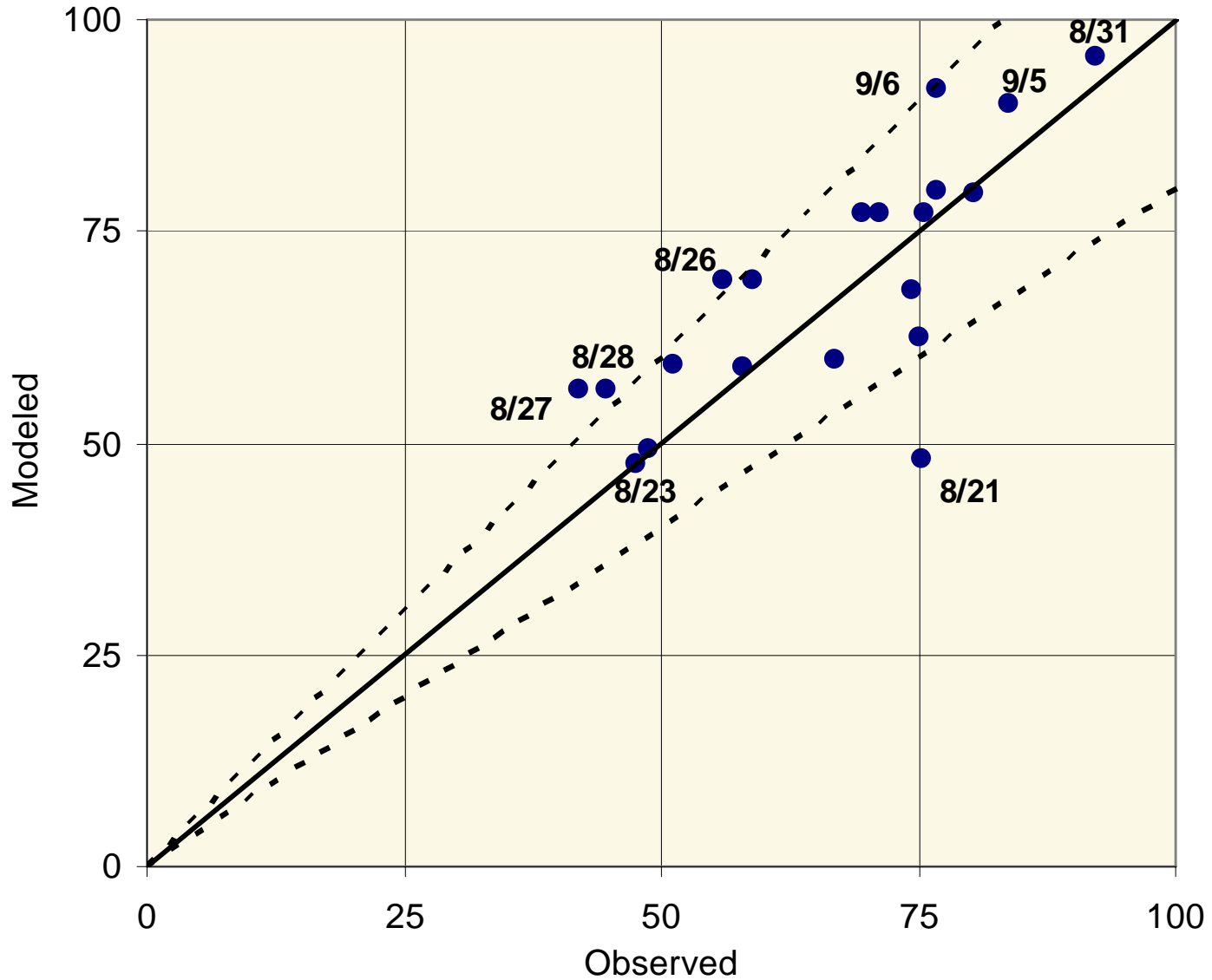
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# Daily 8-Hour Peak Ozone

All Days, Average Across Sites



## Spatially Averaged Daily Max 8-Hour Ozone 8/18-9/6/2000





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# Daily 8-Hour Peak Ozone

Quantile-Quantile Plot,  
All Sites, All Days



## Daily Max 8-Hour Ozone at 24 HG Sites Q-Q Plot 8/18-9/6/2000

