

Ozone and PM_{2.5} Update for 2007

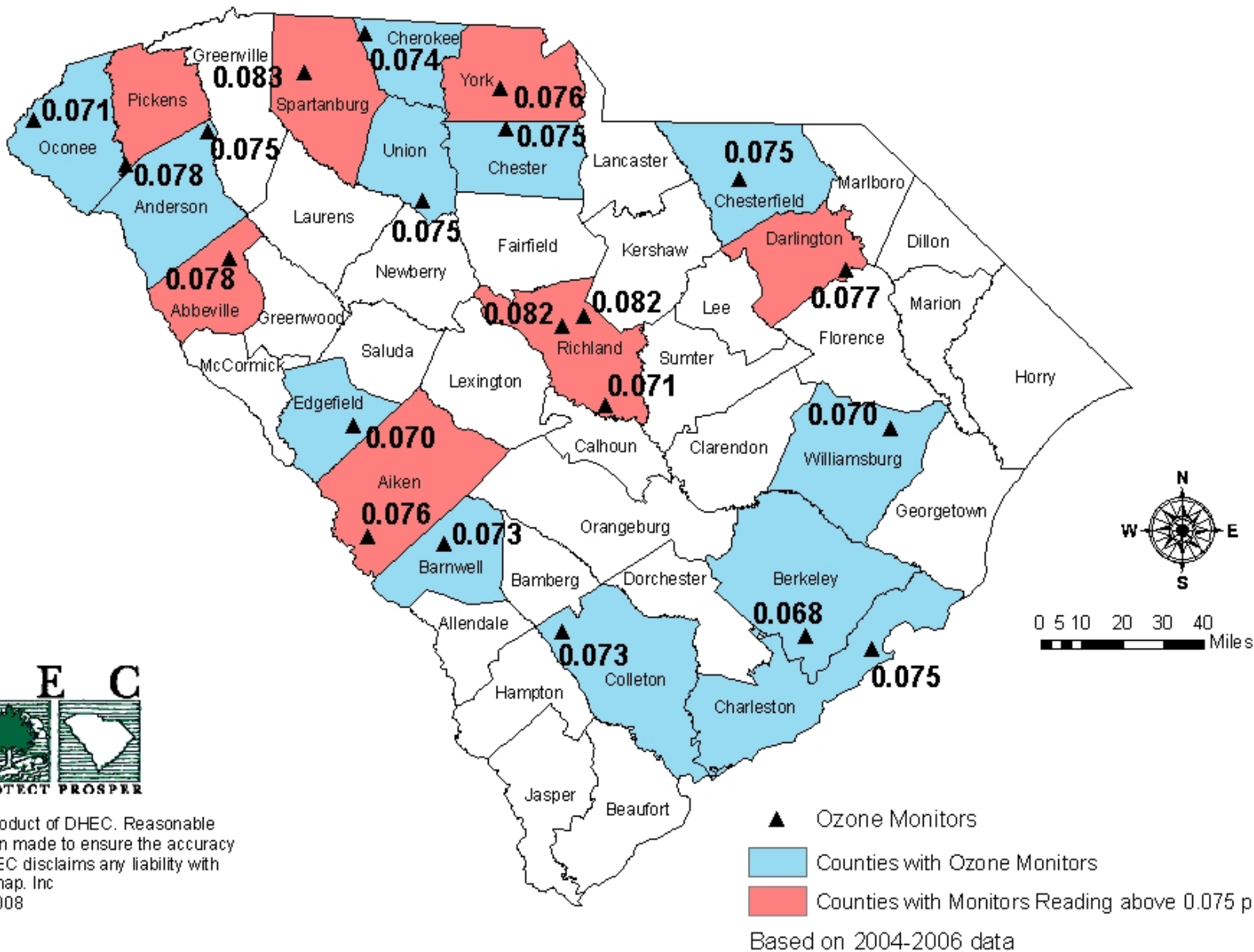
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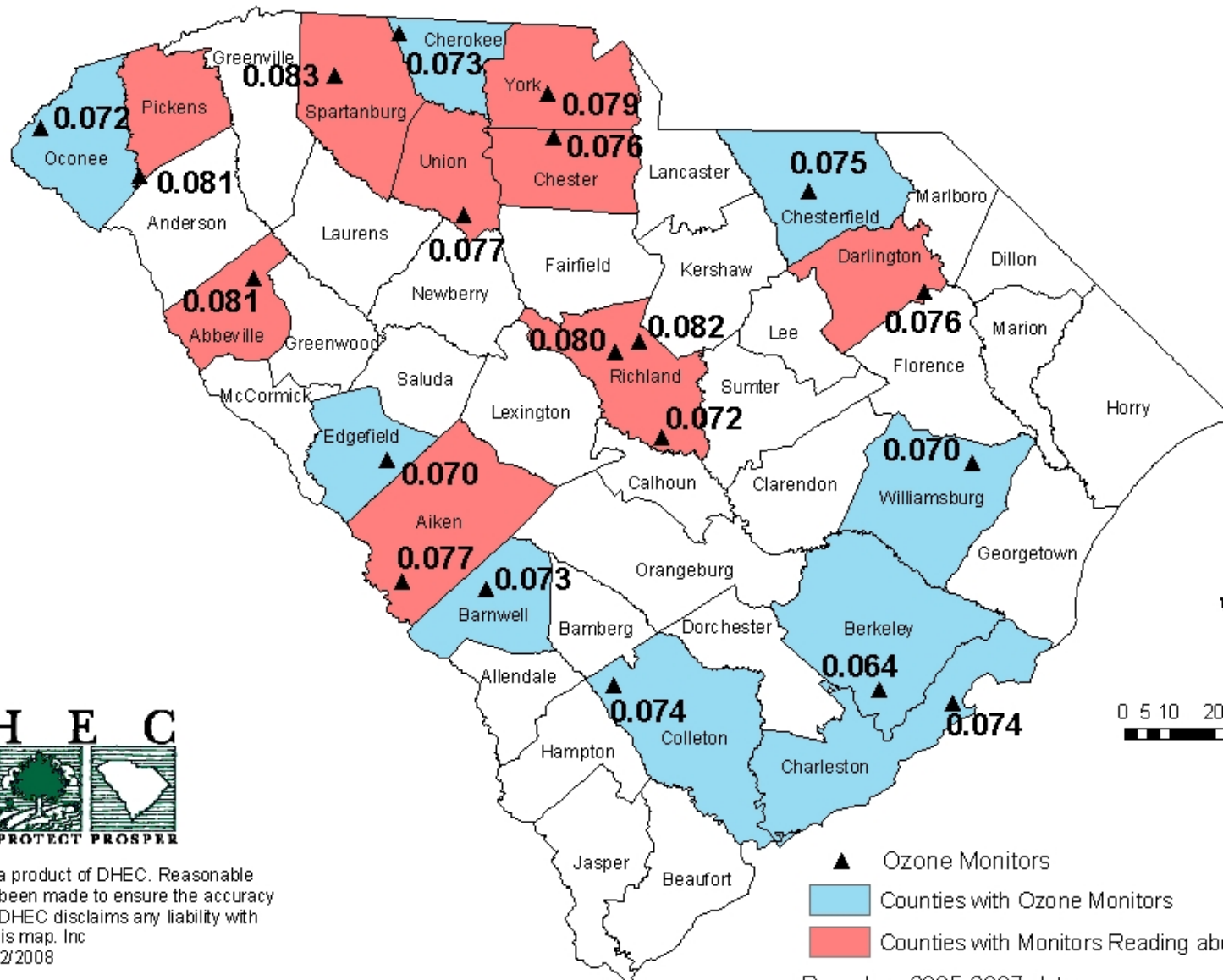
2004-2006 Design Values for Ground Level Ozone



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Created: 3/12/2008

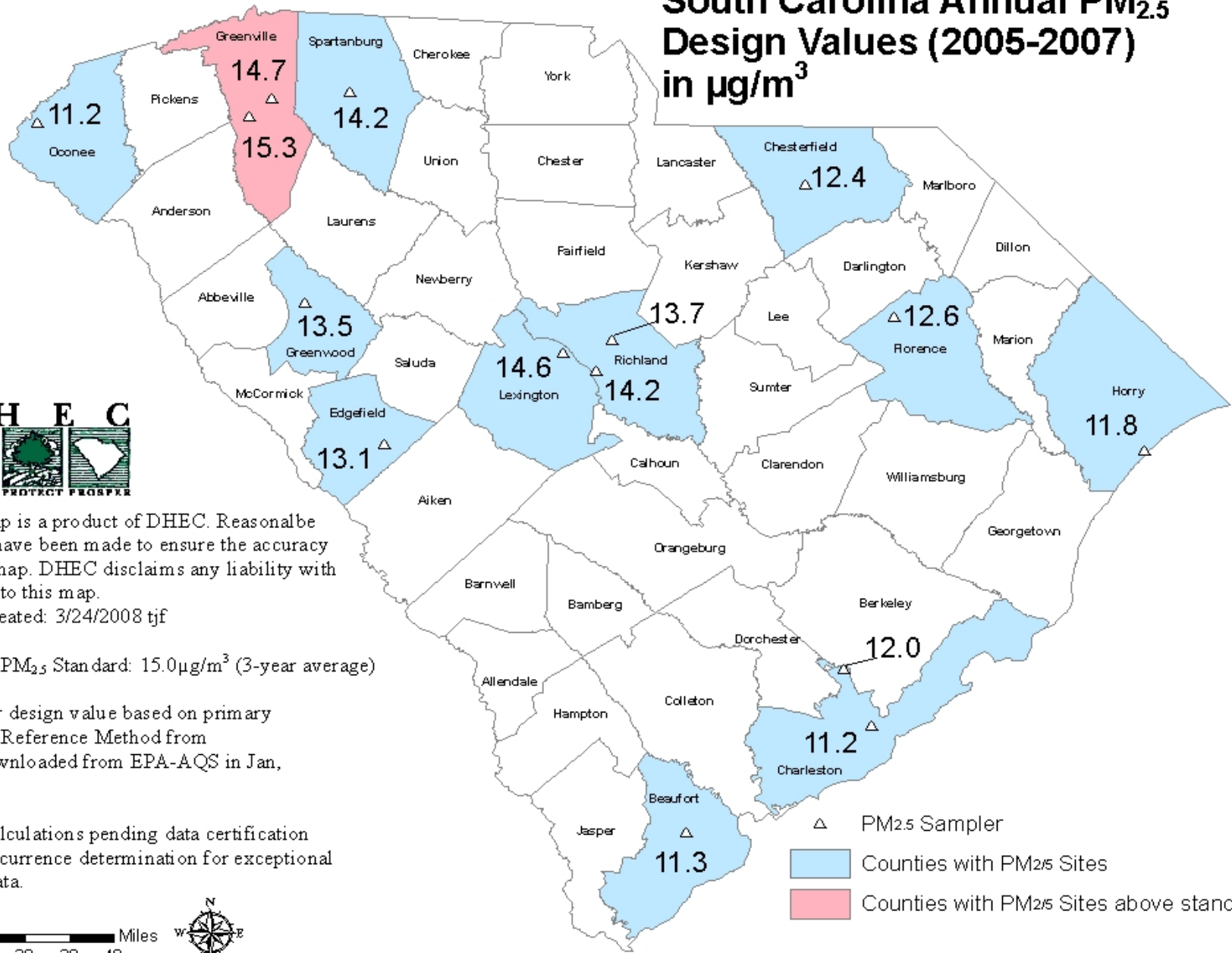
▲ Ozone Monitors
 Light Blue Counties with Ozone Monitors
 Red Counties with Monitors Reading above 0.075 ppm
 Based on 2004-2006 data

2005-2007 Design Values for Ground Level Ozone



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South Carolina Annual PM_{2.5} Design Values (2005-2007) in $\mu\text{g}/\text{m}^3$



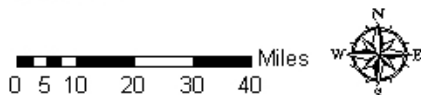
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Annual PM_{2.5} Standard: $15.0 \mu\text{g}/\text{m}^3$ (3-year average)

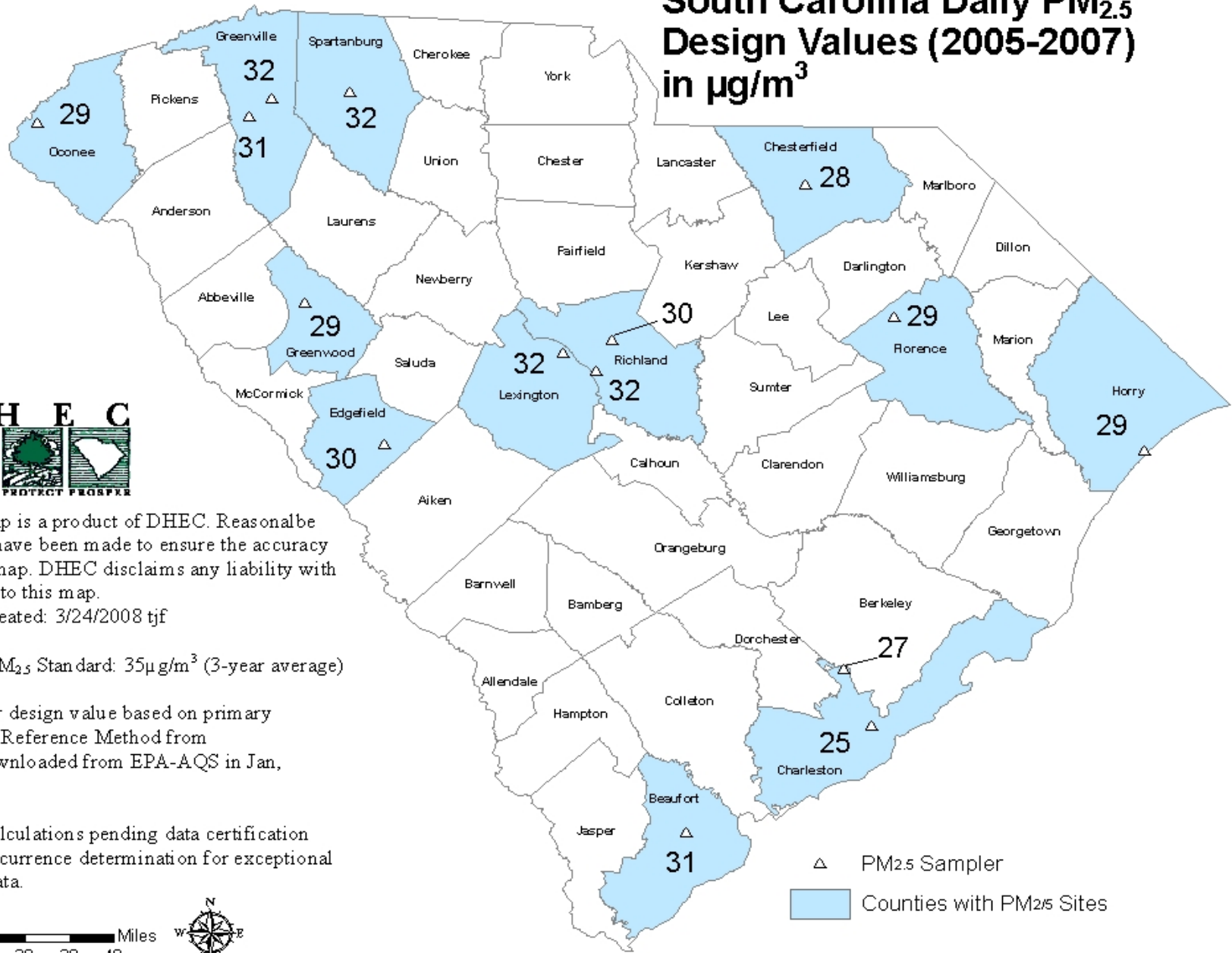
Sampler design value based on primary Federal Reference Method from data downloaded from EPA-AQS in Jan, 2008.

Final calculations pending data certification and concurrence determination for exceptional event data.



- \triangle PM_{2.5} Sampler
- Counties with PM_{2.5} Sites
- Counties with PM_{2.5} Sites above standard

South Carolina Daily PM_{2.5} Design Values (2005-2007) in $\mu\text{g}/\text{m}^3$



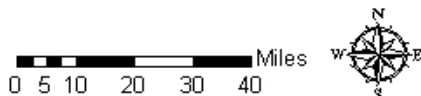
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Map Created: 3/24/2008 tjf

Daily PM_{2.5} Standard: $35\mu\text{g}/\text{m}^3$ (3-year average)

Sampler design value based on primary Federal Reference Method from data downloaded from EPA-AQS in Jan, 2008.

Final calculations pending data certification and concurrence determination for exceptional event data.



8-hr Ozone Design Values and 2008 4th high critical value for the CSRA (standard = 0.075 ppm, 3 yr average)

Site Name	2005	2006	2007	DV 2005-2007	2008 critical value
Jackson (Aiken)	0.077	0.073	0.082	0.077	0.070
Barnwell (Barnwell)	0.074	0.074	0.073	0.073	N/A
Trenton (Edgefield)	0.071	0.068	0.073	0.070	0.084
Evans (GA) (Columbia)	0.071	0.074	0.074	0.073	0.077
Bungalow (GA) (Richmond)	0.081	0.083	0.080	0.081	0.062

Annual PM_{2.5} Design Values (2005-2007) and 2008 critical value for the CSRA (standard = 15.0 µg/m³, 3 yr average)

Site Name	2005	2006	2007	DV 2005-2007	2008 critical value
Jackson (Aiken)	13.5	14.5	N/A	N/A	N/A
Trenton (Edgefield)	13.6	13.5	12.2	13.1	19.3
MCG (GA) (Columbia)	15.9	16.1	14.7	15.6	14.2
Bungalow (GA) (Richmond)	16.1	16.3	14.8	15.7	13.9

Daily PM_{2.5} Design Values (2005-2007) and 2008 critical value for the CSRA (standard = 35 µg/m³, 3 yr average)

Site Name	2005	2006	2007	DV 2005-2007	2008 critical value
Jackson (Aiken)	32	29	N/A	N/A	N/A
Trenton (Edgefield)	35	27	28	30	50
MCG (GA) (Columbia)	31	30	32	31	43
Bungalow (GA) (Richmond)	31	31	31	31	43