

**Surface Monitoring Sites - TexAQS II, Proposed and Existing
and Instrumentation to be ADDED (Refer to MonOps file for additional information for existing sites)
December 12, 2004**

General Area for Site Location	Abbreviation CAMS or Alpha	County	TCEQ Region	Objective Site is to Address	Existing Site Conduct Site Development Evaluation	Ozone	NOx	Haze TEOM Continuous	Haze Speciation FRM	Visibility	SO2	Convert to High Sensitivity SO2	VOC Monitor	Formaldehyde - Continuous	NOy	CO	Convert to High Sensitivity CO	Met	Met Profiler 404 or 915	Met Acoustic Sounder or Mini Sodar	Met Rawinsonde	Solar Radiometer	Digital Camera	Lat	Long
Wichita Falls	315	Wichita	03 Abilene	Haze transport DFW & east Texas into Class I area in OK	ADD			1 ADD	1 ADD									1 ADD						33.86359	-98.57259
Clarksville	CLA	Red River	05 Tyler	Ozone and haze transport from northeast into Texas, DFW Ozone formation from power plants Titus Co area	ADD	High	1 ADD	1 ADD	1 ADD	1 ADD	1 ADD	1 ADD	2 ADD	1 ADD	1 ADD	1 ADD	1 ADD	1 ADD				2 ADD		33.61100	-95.05300
Northeast corner of Texas	NET	Bowie	05 Tyler	Rural site for ozone transport into and out of Texas.	ADD	High	1 ADD											1 ADD						33.51882	-94.08387
Longview - Gregg County Airport	19	Gregg	05 Tyler	Ozone transport from east into DFW To document ozone transport and actual ozone concentrations to check regional ozone monitor performance.	x		x	x			x	x	x					x	1 ADD 915			x		32.37867	-94.71214
Palestine Airport Hillsboro Area (Italy High School)		Anderson	05 Tyler	Ozone transport	1 ADD		1 ADD																	31.78256	-95.70183
	HIL	Hill	09 Waco	Ozone transport	ADD	Priorit y?	1 ADD											1 ADD				3 ADD		32.00000	-97.08000
San Saba	RS	San Saba	09 Waco	Haze transport, provides gradient	ADD	High	2 ADD	1 ADD	1 ADD									1 ADD				3 ADD		31.26900	-98.94500
Temple		Bell	09 Waco	Ozone transport	ADD		1 ADD											1 ADD						31.01309	-97.33643
San Augustine		San Augustine	10 Beaumont	Ozone and haze transport into Texas Substitute for Diboll, instrumentation from NE Texas	1 ADD		1 ADD	1 ADD	1 ADD	1 ADD								1 ADD						31.54442	-94.16831
Newton	NEW	Newton	10 Beaumont	Ozone Transport	ADD		1 ADD											1 ADD						30.88531	-93.74181
Smith Point	SMI	Galveston	12 Houston	Ozone over Galveston Bay that may recirculate over the western shore of the bay. Ozone transport from Houston to Beaumont and from the Gulf toward Houston.	x		1 ADD											x		2 ADD Mini		2 ADD		29.54761	-94.73650
Offshore in Gulf of Mexico	OFF		12 Houston	One major objective is long range transport of ozone and regional haze into Texas over the Gulf. The other major objective is meteorological monitoring to determine the results of the physics of the interaction of the land-sea breeze and the rotation of the earth plus the synoptic wind.	ADD	High	1 ADD	2 ADD										1 ADD	1 ADD 915	1 ADD		2 ADD		28.50000	-93.87300
Huntsville / Madisonville	H/M	Walker / Madison	12 Houston / 9 Waco	Ozone transport from Houston to DFW	ADD	High												1 ADD	1 ADD 915	3 ADD		2 ADD		30.72300	-95.55100
New Braunfels Airport	NBA	Comal	13 San Antonio	Met data in all seasons	x		x											x	1 ADD 915					29.69306	-98.04103
Rock Springs area	RS	Edwards	13 San Antonio	Met data in all seasons Ozone transport	ADD	High	2 ADD											1 ADD	1 ADD	3 ADD				30.28444	-100.64589
Beeville (Corpus Christi/Victoria area)	BEE	Bee	14 Corpus Christi	Met data in all seasons Ozone transport Ozone and haze transport from Houston	ADD	High	1 ADD											1 ADD	1 ADD	2 ADD				28.36888	-97.79583
Port O'Connor	POC	Calhoun	14 Corpus Christi	Haze transport from Gulf	1 ADD	High	1 ADD	1 ADD	3 ADD									1 ADD				2 ADD		28.44800	-96.40500