

Below is the data collected from the MAML. It is located at the New Orleans East Fire Station at the Corner of Dwyer and Read.

Date	Hour *	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	WDIR (deg)	WSP (mph)
8/29/2011	16	14.0	343	2.5
	17	25.4	351	2.5
	18	37.2	70	2.0
	19	30.9	116	2.6
	20	37.8	143	2.5
	21	40.0	155	1.3
	22	33.1	258	0.8
	23	37.2	165	0.7
	8/30/2011	0	37.1	179
1		37.6	111	0.3
2		32.5	148	0.2
3		37.5	180	0.9
4		33.9	94	0.3
5		34.1	1	0.9
6		14.0	32	2.0
7		20.7	37	2.0
8		106.8	46	2.0
9		120.2	80	2.0
10		15.8	118	3.0
11		1.8	116	3.0
12		8.6	107	5.0
13		13.1	113	6.0
14		5.8	111	6.0
	<b>Maximum</b>	120.2	351	6.0
	<b>Minimum</b>	1.8	1	0.2
	<b>Average</b>	33.7	134	2.1
	<b>Median</b>	34.1	148	0.9

**\*time matches current central time and is 1 hr. ahead of stationary site data (23:00 MAML data = 22:00 site data)**

Hour average starts at time listed approx. distance MAML to fire: 4.8mi approx. bearing range MAML to fire: 44° - 53° Fire Station: 5403 Read Blvd

Arithmetic computations for wind direction using Excel may not be applicable