U.S. ENVIRONMENTAL PROTECTION AGENCY
Region VI

West Fertilizer Plant Explosion
Summary of Air Monitoring Data
Reporting Period 4/27/2013

A summary of the air monitoring data collected during this reporting period is provided below. EPA monitored for ammonia (NH3) and volatile organic compounds (VOCs).

Table 1 - Summary of Fixed Air Monitoring Location A (1 hour averages)

Collection Date	Collection Time	Parameter	Average Concentration	Units
2013-04-27	8:00	NH3	0.00	ppm
2013-04-27	8:00	VOC	0.10	ppm
2013-04-27	9:00	NH3	0.00	ppm
2013-04-27	9:00	VOC	0.00	ppm
2013-04-27	10:00	NH3	0.00	ppm
2013-04-27	10:00	VOC	0.00	ppm
2013-04-27	11:00	NH3	0.00	ppm
2013-04-27	11:00	VOC	0.00	ppm
2013-04-27	12:00	NH3	0.00	ppm
2013-04-27	12:00	VOC	0.00	ppm
2013-04-27	13:00	NH3	0.00	ppm
2013-04-27	13:00	VOC	0.00	ppm
2013-04-27	14:00	NH3	0.00	ppm
2013-04-27	14:00	VOC	0.00	ppm
2013-04-27	15:00	NH3	0.00	ppm
2013-04-27	15:00	VOC	0.00	ppm
2013-04-27	16:00	NH3	0.00	ppm
2013-04-27	16:00	VOC	0.00	ppm
2013-04-27	17:00	NH3	0.00	ppm
2013-04-27	17:00	VOC	0.00	ppm
2013-04-27	18:00	NH3	0.00	ppm
2013-04-27	18:00	VOC	0.00	ppm

Table 2 - Summary of Fixed Air Monitoring Location A (4 hour averages)

Collection Date	Collection Time	Parameter	Average Concentration	Units
2013-04-27	09:00 - 13:00	NH3	0.00	ppm
2013-04-27	09:00 - 13:00	VOC	0.00	ppm
2013-04-27	13:00 - 17:00	NH3	0.00	ppm
2013-04-27	13:00 - 17:00	VOC	0.00	ppm

Table 3 - Summary of Fixed Air Monitoring Location A (8 hour averages)

Collection Date	Collection Time	Parameter	Average Concentration	Units
2013-04-27	09:00 - 17:00	NH3	0.00	ppm
2013-04-27	09:00 - 17:00	VOC	0.00	ppm

*NH3 = Ammonia, VOC = Total Volatile Organic Compounds

Figure 1 - Fixed Air Monitoring Locations

.196 -
Loc B -
April 26 through Current
Peach St
N Reagan St
Grady Calvery Dr
Jerry Mashek Dr
.226 -
Loc C
.180 -
Loc A
Jerry Mashek Dr
.196 -
Loc B -
April 24, 25

Figure 2 - Wind History Figure for Waco Regional Airport

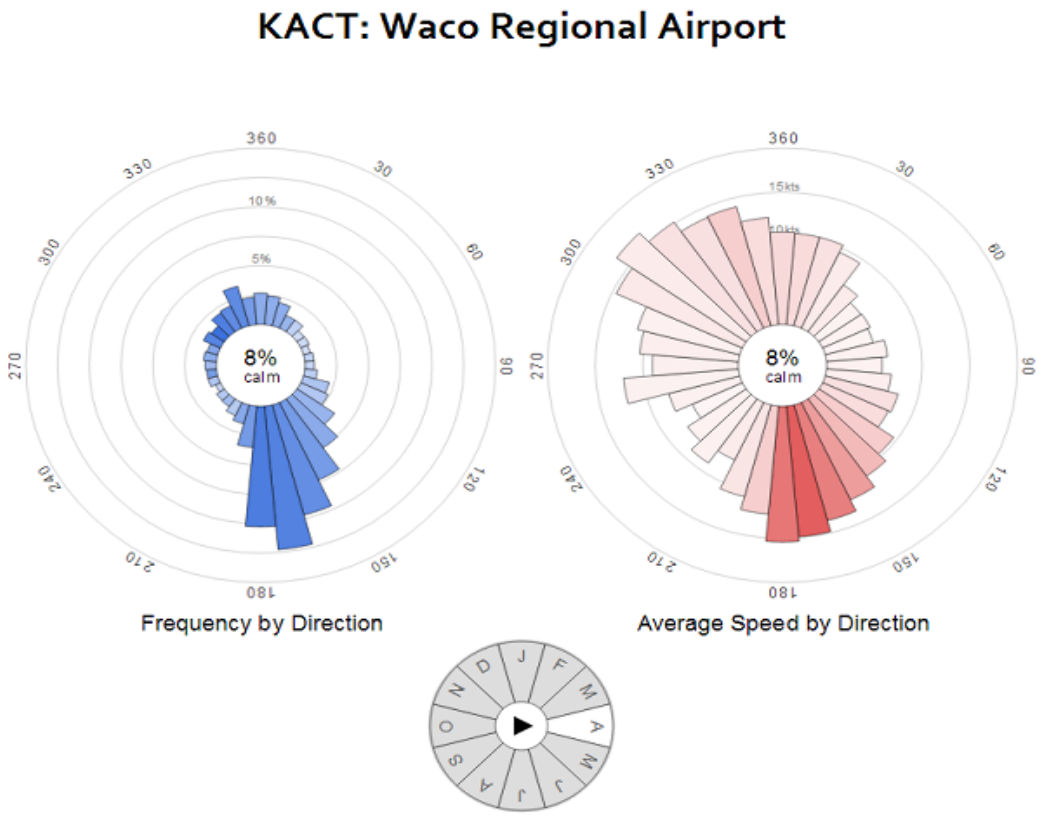
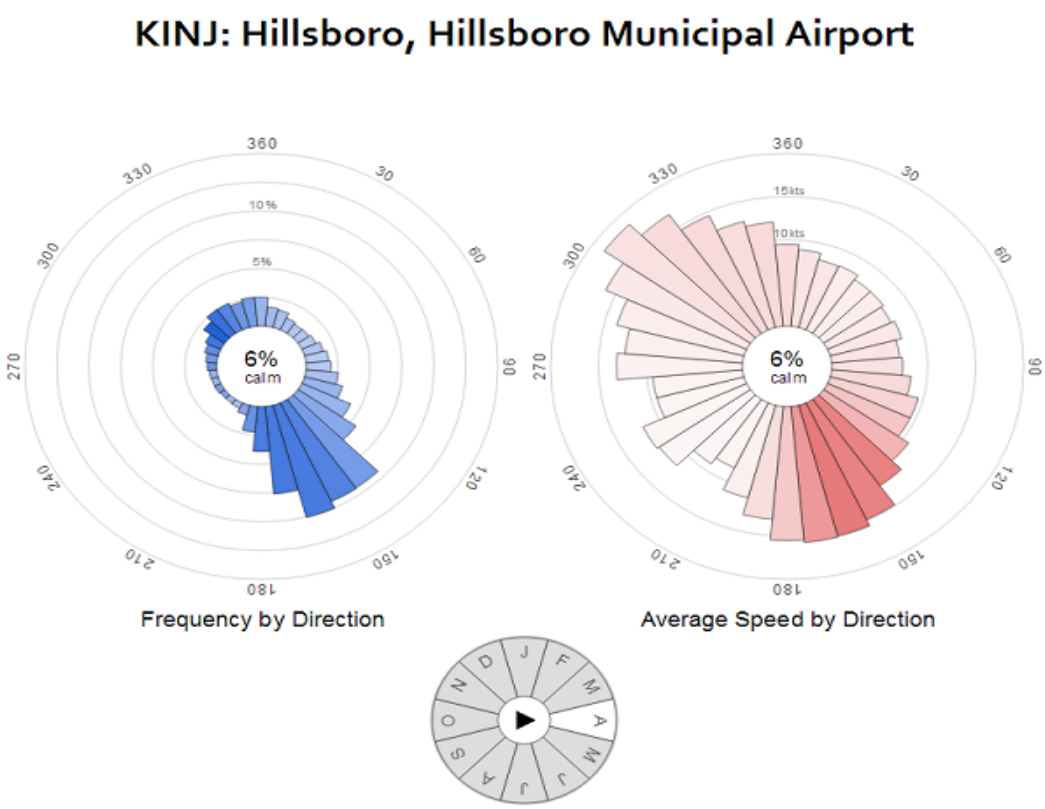
Figure 3 - Wind History Figure for Hillsboro Municipal Airport