



## MARICOPA COUNTY DUST CONTROL FORECAST

ISSUED Wednesday, May 14, 2014

### Five-day weather outlook:

Easterly winds continue to be strong this morning. Monitors around the Valley have recorded gusts near 30 mph at times, so pockets of dust being lifted are a possibility. There is some haze out there that is likely from a combination of long-range dust transport and wildfire smoke that has entered the Phoenix Metro area from the Skunk Fire, about 100 miles to the east. Winds start to taper off this afternoon when the pressure gradient relaxes.

Lighter winds return tomorrow, along with above average temps, when high pressure becomes centered over the western U.S. The ridge will hold through early Sunday with summer like temperatures in the low 100s. High pressure won't last long, however, when another storm digs into the Southwest early next week. Winds could be strong and region-wide. The system is still a few days away and wind/precipitation potential could change. For now the risk of exceeding the PM-10 health standard is Low through Monday, but may need to be re-evaluated with later forecasts.

Enjoy the day and check back tomorrow for an updated outlook! -J. Malloy

### R I S K F A C T O R S

	<u>WINDS</u>	<u>STAGNATION</u>	<u>UNHEALTHY PM-10 RISK LEVEL</u>
<b>Day 1: Thu. 5/15/2014</b>	Light east-northeasterly winds 5 to 10 mph during the morning becoming light.	+ Stagnant conditions expected.	= <b>LOW</b>
<b>Day 2: Fri. 5/16/2014</b>	Westerly winds 5 to 10 mph during the afternoon.	+ No stagnation expected due to stronger surface winds.	= <b>LOW</b>
<b>Day 3: Sat. 5/17/2014</b>	Southwest winds 5 to 15 mph during the afternoon.	+ No stagnation expected due to stronger surface winds.	= <b>LOW</b>

### EXTENDED OUTLOOK

<b>Day 4: Sun. 5/18/2014</b>	Southerly winds around 5 mph early becoming southwesterly 10 to 15 mph for the afternoon.	+ No stagnation expected due to stronger upper-level and surface winds.	= <b>LOW</b>
<b>Day 5: Mon. 5/19/2014</b>	Southerly winds around 5 mph early becoming southwesterly 10 to 20 mph with higher gusts possible.	+ No stagnation expected due to stronger upper-level and surface winds.	= <b>LOW</b>

The Maricopa County Dust Control Action Forecast is issued to assist in the planning of work activities to help reduce dust pollution. A recorded message of this forecast can be accessed at [602-771-2368](tel:602-771-2368). To review the complete air quality forecast for the Phoenix metropolitan area, as well as the health impacts and reduction methods for different air pollutants, call [602-771-2367](tel:602-771-2367) for recorded forecast information or click on ADEQ's Air Quality Forecast at <http://www.azdeq.gov/enviro/air/ozone/ensemble.pdf>.

