



## MARICOPA COUNTY DUST CONTROL FORECAST

ISSUED WEDNESDAY, MAY 23, 2012

### Five-day weather outlook:

The development of an unusually large but dry upper level trough over the western U.S. for this time of year will result in gusty afternoon gradient winds in the Phoenix metro area today with a slight decrease on Thursday. As the trough amplifies and approaches on Friday a prolonged period of strong and gusty winds now appears likely. There is currently an increased potential for not only periods of localized blowing dust but also for transported dust from Pinal County to overspread the area by late morning. Under these conditions a HIGH risk level designation for unhealthy PM-10 concentrations is warranted. Lingering dust may pose a MODERATE risk for Saturday. Much less wind is expected during the weekend and early next week.

### 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 05/24/2012</b>	Southwesterly 15-25 mph during the afternoon.	+ No significant stagnation expected.	= <b>LOW</b>
<b>Day 2: Fri 05/25/2012</b>	South to southwesterly 20-30 mph with gusts to 40 mph.	+ No significant stagnation expected.	= <b>HIGH</b>
<b>Day 3: Sat 05/26/2012</b>	Southwesterly 15-25 mph during the afternoon.	+ No significant stagnation expected.	= <b>MODERATE</b>

### EXTENDED OUTLOOK

<b>Day 4: Sun 05/27/2012</b>	Mostly <10 mph.	+ No significant stagnation expected.	= <b>LOW</b>
<b>Day 5: Mon 05/28/2012</b>	Mostly <10 mph.	+ No significant stagnation expected.	= <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/environ/air/ozone/ensemble.pdf>.