



RISK CATEGORIES

HIGH

MODERATE

LOW

Air Quality Dust Risk

ISSUED ON: Mon. Jun 19, 2017

This report is updated Monday through Friday and is valid for areas within Pinal County, Arizona

Tuesday 6/20/2017	Winds: Light winds becoming west to southwest 5-15 mph, outflow winds (east to southeast 15-25 mph, gusts 30-35 mph) possible in evening, diminishing late
HIGH	Stagnation: Early morning stagnation
Wednesday 6/21/2017	Winds: Light winds becoming southwest 5-15 mph
HIGH	Stagnation: Early morning stagnation
Thursday 6/22/2017	Winds: Light becoming west-northwest 7-17 mph, gusts 20-25 mph, diminishing late
MODERATE	Stagnation: Early morning stagnation
Friday 6/23/2017	Winds: Light becoming west 5-15 mph
MODERATE	Stagnation: Early morning stagnation
Saturday 6/24/2017	Winds: Light becoming west 5-15 mph
MODERATE	Stagnation: Early morning stagnation

Forecast Continued:

Synopsis & Discussion

Forecaster: -S. DiBiase

June 15th was the official start of the Monsoon and typically the first week of July is where we see the initial onset of local storm activity. However like most things air quality related lately, the start of this Monsoon is abnormal and so our first brush with Monsoon related storms may come a little earlier (Tuesday) than normal. An increase in atmospheric moisture is already creeping in from the southeast and the U of A forecast models are showing storm development over the mountains to our east on Tuesday afternoon/evening and outflow winds making their way down into the desert locations. Therefore blowing dust is a possibility on Tuesday evening and so have a high dust risk forecast. Early morning local dust causing activities in/around Hidden Valley may result in PM10 levels that approach the health standard on Tuesday and Wednesday and so have a high dust risk day forecast for Wednesday as well. A slight change in the weather conditions on Thursday through Saturday are expected to keep the PM10 levels in check and so have moderate dust risks forecast. Check back on Tuesday for an updated dust risk forecast.



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