



Air Quality

ISSUED ON: Mon. Aug 21, 2017

This report is updated Monday through Friday and is valid for areas within and bordering Phoenix, Arizona

Today Monday 8/21/2017 <div style="text-align: center; font-size: 2em; font-weight: bold;">58</div> <div style="text-align: center; font-weight: bold;">Ozone</div>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Tomorrow Tuesday 8/22/2017 <div style="text-align: center; font-size: 2em; font-weight: bold;">54</div> <div style="text-align: center; font-weight: bold;">Ozone</div>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Extended Wednesday 8/23/2017 <div style="text-align: center; font-size: 2em; font-weight: bold;">67</div> <div style="text-align: center; font-weight: bold;">Ozone</div>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Extended Thursday 8/24/2017 <div style="text-align: center; font-size: 2em; font-weight: bold;">74</div> <div style="text-align: center; font-weight: bold;">Ozone</div>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Extended Friday 8/25/2017 <div style="text-align: center; font-size: 2em; font-weight: bold;">80</div> <div style="text-align: center; font-weight: bold;">Ozone</div>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.

“High Pollution Advisory” (HPA): Is when the highest concentration of OZONE, PM10, or PM2.5 may exceed the federal health standard.

“Health Watch” (HW): Is when the highest concentration of OZONE, PM10 or PM2.5 may approach the federal health standard.

Air Pollutant Breakdown

O3 = Ozone, CO = Carbon Monoxide, PM10 = Particles 10 microns & smaller, PM2.5 = Particles smaller than 2.5 microns

Pollutant	Yesterday 8/20/2017	Monday 8/21/2017	Tuesday 8/22/2017	Wednesday 8/23/2017	Thursday 8/24/2017	Friday 8/25/2017
O ₃	44	58	54	67	74	80
CO	5	6	6	7	7	7
PM ₁₀	19	37	37	46	37	37
PM _{2.5}	26	27	27	29	29	29

Forecast Continued:

Synopsis & Discussion

Forecaster: –M. Graves

This past weekend was a good one for air quality--ozone finished in the Good Air Quality Index (AQI) category on both Saturday and Sunday. We can probably thank a low pressure circulation that has been centered (and stuck) over the southern coast of California for this low ozone. Looking ahead, this low pressure is expected to continue to remain in place through at least Tuesday. By later Wednesday, it will weaken and finally start to be dislodged from its place. Air quality-wise, ozone is expected to be lowest today and Tuesday and then increase later in the week; Wednesday's ozone is a little uncertain, as it depends on the movement of the low pressure. Also, blowing dust from the south may be possible on Wednesday, but confidence is low in the details for now.

Check back tomorrow for the latest. Until then, have a good day!



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