APPENDIX A

ADEQ FORECAST PRODUCTS FOR MARICOPA COUNTY

MARICOPA COUNTY DUST CONTROL FORECAST

ISSUED MONDAY, AUGUST 26, 2013

Five-day weather outlook:

DURING ACTIVE SUMMER MONSOON EPISODES STRONG OUTFLOW WINDS FROM EVEN DISTANT THUNDERSTORMS CAN GENERATE PERIODS OF DENSE BLOWING DUST

As cloud cover from former tropical system IVO decreases today, a typically more active summer monsoon thunderstorm regime will resume over south central Arizona – including the Phoenix metro area – into the weekend. Since thunderstorm steering winds are set to become southeasterly again by later today, the potential exists for at least some blowing and/or suspended dust to be generated due to strong outflow winds from approaching cells. Although local rainfall totals have not been especially generous during the past week, for the time being a low risk for unhealthy 24-hour average PM-10 levels should prevail.

R I S K F A C T O R S

	WINDS		STAGNATION		UNHEALTHY PM-10 RISK LEVEL
Day 1: Tue 08/27/2013	East to southeasterly 5-15 mph except strong and gusty due to outflow from thunderstorms.	+	Slightly stagnant during the morning hours.	=	**LOW**
Day 2: Wed 08/28/2013	Easterly 10-20 mph morning hours decreasing during the afternoon except strong and gusty due to outflow from thunderstorms.	+	Slightly stagnant during the morning hours.	=	**LOW**
Day 3: Thu 08/29/2013	Easterly 5-10 mph except strong and gusty due to outflow from thunderstorms.	+	Slightly stagnant during the morning hours.	=	**LOW**
EXTENDED OUTLOOK					
Day 4: Fri 08/30/2013	Southwesterly 5-15 mph during the afternoon except strong and gusty due to outflow from thunderstorms.	+	Slightly stagnant during the morning hours.	=	**LOW**
Day 5: Sat 08/31/2013	Southwesterly 10-20 mph during the afternoon except strong and gusty due to outflow from thunderstorms.	+	Slightly stagnant during the morning hours.	=	**LOW**

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. 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 for recorded forecast information or click on ADEQ's Air Quality Forecast at http://www.azdeq.gov/environ/air/ozone/ensemble.pdf.

CKR 04/28/2011

ADEQ
Arizona Department of Environmental Quality

AQI AIR QUALITY INDEX

200
150
100
50

VERY UNHEALTHY (201-300)

UNHEALTHY (151-200)

UNHEALTHY FOR SENSITIVE GROUPS (101-150)

MODERATE (51-100)

GOOD (0-50)

For more information visit:
http://www.airnow.gov/index.cfm?action=aqibasics.aqi

LINK TO 2012 AIR POLLUTION EXCEEDANCE GRAPH

AIR QUALITY FORECAST FOR Monday, August 26, 2013

This report is updated by 1:00 p.m. Sunday thru Friday and is valid
for areas within and bordering Maricopa County in Arizona

FORECAST DATE NOTICES (*SEE BELOW FOR DETAILS) AIR POLLUTANT	YESTERDAY Sat 08/24/2013 Highest AQI Reading/Site (*Preliminary data only*)	TODAY Sun 08/25/2013	TOMORROW Mon 08/26/2013	EXTENDED Tue 08/27/2013
O3*	74 Mesa, North Phoenix, & South Phoenix	39 *Good*	50 *Good*	67 *Moderate*
CO*	5 Greenwood	5 *Good*	6 *Good*	6 *Good*
PM-10*	26 Higley	35 *Good*	22 *Good*	24 *Good*
PM-2.5*	28 West Phoenix	20 *Good*	26 *Good*	29 *Good*

* O3 = Ozone CO = Carbon Monoxide PM-10 = Particles 10 microns & smaller PM-2.5 = Particles smaller than 2.5 microns

*"Ozone Health Watch" means that the highest concentration of OZONE may approach the federal health standard.
"PM-10 or PM-2.5 Health Watch" means that the highest concentration of PM-10 or PM-2.5 may approach the federal health standard.
"High Pollution Advisory" means that the highest concentration of OZONE, PM-10, or PM-2.5 may exceed the federal health standard.
"DUST" means that short periods of high PM-10 concentrations caused by outflow from thunderstorms are possible.

Health Statements	
Sunday, 08/25/2013	No health impacts are expected.
Monday, 08/26/2013	No health impacts are expected.

SYNOPSIS AND DISCUSSION

OZONE: Cloud cover and much below average temperatures may hold local ozone levels within the good range of the Air Quality Index on Monday. On Tuesday and Wednesday less daytime cloud cover and a strong warming trend will mean an increase in local ozone production. However, if elevated easterly daytime wind speeds occur as advertised ozone accumulation would be below average so AQI readings are forecast to be in the low to perhaps mid-moderate range.

PARTICLES: Summer monsoon moisture that will temporarily be augmented by that shed from tropical system IVO will increase the potential for heavy rainfall over south central Arizona – including the Phoenix metro area – on Sunday. A more typical monsoon thunderstorm regime will then resume during the work-week during which time gusty outflow winds will again be possible. Although it is always possible for at least some blowing and/or suspended dust to be generated from strong outflow winds, based on the prospect for significant precipitation on Sunday 24-hour average PM-10 (coarse particle) concentrations as well as those of PM-2.5 (fine particle) are predicted to be in the good range of the Air Quality Index.

Check back tomorrow for more. Until then, have a good day! -C.Reith

MONITORING SITE MAPS	
STATIC MAP	http://azdeq.gov/environ/air/assessment/images/map.jpg
INTERACTIVE MAPS	http://alert.fcd.maricopa.gov/alert/Google/v3/air.html http://www.airnow.gov/

POLLUTION MONITOR READINGS FOR Saturday, August 24, 2013

O3 (OZONE)

Info on current 8-hour ozone standard: http://www.epa.gov/air/ozonepollution/pdfs/2008_03_aqi_changes.pdf
For archived AQI maps go to: http://www.airnow.gov/index.cfm?action=airnow.maps

SITE NAME	MAX 8-HR VALUE (PPB)	MAX AQI	AQI COLOR CODE
Alamo Lake	52	44	
Apache Junction	47	40	
Blue Point	59	50	
Buckeye	54	46	
Casa Grande	55	47	
Cave Creek	60	51	
Central Phoenix	62	58	
Dysart	56	47	
Falcon Field	62	58	
Fountain Hills	59	50	
Glendale	61	54	
Humboldt Mountain	58	49	
Phoenix Supersite	66	71	
Mesa	67	74	
North Phoenix	67	74	
Pinal Air Park	56	47	
Pinnacle Peak	63	61	
Queen Valley	55	47	

Rio Verde	50	42	
South Phoenix	67	74	
South Scottsdale	62	58	
Tempe	62	58	
Tonto Nat'l Mon.	53	45	
West Chandler	65	67	
West Phoenix	65	67	
Yuma	45	38	

CO (CARBON MONOXIDE)

SITE NAME	MAX 8-HR VALUE (PPM)	MAX AQI	AQI COLOR CODE
Central Phoenix	0.2	2	
Greenwood	0.4	5	
Phoenix Supersite	0.3	4	
West Phoenix	0.2	2	

PM-10 (PARTICLES)

SITE NAME	MAX 24-HR VALUE (µg/m3)	MAX AQI	AQI COLOR CODE
Buckeye	27.5	25	
Central Phoenix	22.9	21	
Combs School (Pinal County)	25.5	23	
Durango	25.0	23	
Dysart	24.2	22	
Glendale	21.6	20	
Greenwood	27.7	25	
Higley	28.8	26	
Maricopa (Pinal County)	32.6	30	
Phoenix Supersite	22.5	20	
Mesa	21.9	20	
North Phoenix	16.8	15	
South Phoenix	25.4	23	
South Scottsdale	22.4	20	
Tempe	23.1	21	
West Chandler	26.4	24	
West Forty Third	28.6	26	
West Phoenix	26.1	24	
Zuni Hills	NOT AVBL	NOT AVBL	NOT AVBL

PM-2.5 (PARTICLES)

(Some data derived from light-scattering equipment)

For maps go to: **http://www.airnow.gov/**

SITE NAME	MAX 24-HR VALUE (µg/m3)	MAX AQI	AQI COLOR CODE
Durango	5.8	19	
Glendale	5.1	17	
Phoenix Supersite	5.5	18	
Mesa	3.7	12	
North Phoenix	6.5	21	
South Phoenix	7.1	23	
Tempe	4.8	16	
West Phoenix	8.7	28	

DESCRIPTION OF LOCAL AIR POLLUTANTS IN DETAIL

O3 (OZONE):

Description –
This is a secondary pollutant that is formed by the reaction of other primary pollutants (precursors) such as VOCs (volatile organic compounds) and NOx (Nitrogen Oxides) in the presence of heat and sunlight.
Sources – VOCs are emitted from motor vehicles, chemical plants, refineries, factories, and other industrial sources. NOx is emitted from motor vehicles, power plants, and other sources of combustion.
Potential health impacts – Exposure to ozone can make people more susceptible to respiratory infection, result in lung inflammation, and aggravate pre-existing respiratory diseases such as asthma. Other effects include decrease in lung function, chest pain, and cough.
Unit of measurement – Parts per billion (ppb).
Averaging interval – Highest eight-hour period within a 24-hour period (midnight to midnight)
Reduction tips – Curtail daytime driving, refuel cars and use gasoline-powered equipment as late in the day as possible.

CO (CARBON MONOXIDE):

Description – A colorless, odorless, poisonous gas formed when carbon in fuels is not burned completely.
Sources – In cities, as much as 95 percent of all CO emissions emanate from automobile exhaust. Other sources include industrial processes, non-transportation fuel combustion, and natural sources such as wildfires. Peak concentrations occur in colder winter months.
Potential health impacts – Reduces oxygen delivery to the body's organs and tissues. The health threat is most serious for those who suffer from cardiovascular disease.
Unit of measurement – Parts per million (ppm).
Averaging interval – Highest eight-hour period within a 24-hour period (midnight to midnight)
Reduction tips – Keep motor vehicle tuned properly and minimize nighttime driving.

PM-10 & PM-2.5 (PARTICLES):

Description – The term "particulate matter" (PM) includes both solid particles and liquid droplets found in air. Many manmade and natural sources emit PM directly or emit other pollutants that react in the atmosphere to form PM. Particles less than 10 micrometers in diameter tend to pose the greatest health concern because they can be inhaled into and accumulate in the respiratory system. Particles less than 2.5 micrometers in diameter are referred to as "fine" particles and are responsible for many visibility degradations such as the "Valley Brown Cloud" (see http://www.phoenixvis.net/). Particles with diameters between 2.5 and 10 micrometers are referred to as "coarse".
Sources – Fine = All types of combustion (motor vehicles, power plants, wood burning, etc.) and some industrial processes. Coarse = crushing or grinding operations and dust from paved or unpaved roads.
Potential health impacts – PM can increase susceptibility to respiratory infections and can aggravate existing respiratory diseases, such as asthma and chronic bronchitis.
Units of measurement – Micrograms per cubic meter (ug/m3)
Averaging interval – 24 hours (midnight to midnight).
Reduction tips – Stabilize loose soils, slow down on dirt roads, carpool, and use public transit.

{**Updated 12/19/2011**}

APPENDIX B

NATIONAL WEATHER SERVICE METEOROLOGICAL OBSERVATIONS AND STORM REPORTS

U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
PHOENIX SKY HARBOR INTL AIRPORT (23183)
PHOENIX, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 1107 ft. above sea level
Latitude: 33.427
Longitude: -112.003
Data Version: VER3

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0051	11	SCT200	10.00		84	28.9	70	20.9	62	16.7	48	6	300		28.74			29.86	AA		29.92
26	0151	11	BKN180	10.00		83	28.3	70	21.0	63	17.2	51	7	230		28.72			29.84	AA		29.90
26	0251	11	SCT049 BKN110 BKN180	10.00		82	27.8	70	21.2	64	17.8	55	8	230		28.72			29.84	AA	T	29.90
26	0351	11	SCT049 BKN110 BKN180	10.00		81	27.2	70	21.0	64	17.8	56	6	240		28.71			29.84	AA		29.89
26	0451	11	BKN110 BKN180 OVC200	10.00		82	27.8	70	21.2	64	17.8	55	5	250		28.72			29.85	AA		29.90
26	0551	11	BKN110 BKN170 OVC200	10.00		81	27.2	70	21.0	64	17.8	56	5	220		28.72			29.85	AA		29.90
26	0651	11	SCT110 BKN140 BKN190	10.00		82	27.8	70	21.2	64	17.8	55	5	240		28.74			29.86	AA		29.92
26	0751	11	FEW110 FEW140 BKN160	10.00		83	28.3	71	21.6	65	18.3	55	6	220		28.75			29.87	AA		29.93
26	0851	11	FEW110 SCT140 BKN170	10.00		86	30.0	73	22.5	66	18.9	51	3	120		28.75			29.88	AA		29.93
26	0951	11	FEW110 SCT140 BKN170	10.00		89	31.7	73	22.9	66	18.9	47	5	130		28.75			29.88	AA		29.93
26	1051	11	FEW055 SCT150 BKN180	10.00		91	32.8	74	23.6	67	19.4	45	6	150		28.74			29.86	AA		29.92
26	1151	11	FEW055 SCT150 BKN180	10.00		92	33.3	75	23.7	67	19.4	44	5	VR		28.72			29.84	AA		29.90
26	1251	11	FEW060 SCT150 BKN180	10.00		95	35.0	75	23.8	66	18.9	39	8	120		28.70			29.82	AA		29.88
26	1351	11	FEW070 SCT160 BKN190	10.00		95	35.0	74	23.2	64	17.8	36	3	070		28.68			29.79	AA		29.85
26	1451	11	FEW070 SCT130 BKN170	10.00		97	36.1	74	23.5	64	17.8	34	5	280		28.65			29.75	AA		29.82
26	1551	11	FEW080 SCT100 SCT130	10.00		98	36.7	74	23.4	63	17.2	32	7	290		28.62			29.73	AA		29.79
26	1651	11	FEW080 FEW100 SCT130	10.00		99	37.2	74	23.5	63	17.2	31	5	270		28.60			29.70	AA		29.77
26	1751	11	FEW080 FEW100 SCT130	10.00		98	36.7	74	23.1	62	16.7	31	0	000		28.62			29.72	AA		29.79
26	1822	11	FEW009 FEW080 SCT100	7.00		98	36.7	74	23.1	62	16.7	31	0	000		28.62			M	SP		29.79
26	1834	11	BKN009 BKN080 BKN100	2.00		95	35.0	74	23.2	64	17.8	36	33	160	51	28.65			M	SP		29.82
26	1837	11	BKN009 BKN080 OVC130	1.25	BLDU	91	32.8	73	22.6	64	17.8	41	26	170	51	28.66			M	SP		29.83
26	1838	11	BKN009 BKN080 OVC130	1.25	BLDU	91	32.8	73	22.6	64	17.8	41	29	180	51	28.65			M	SP		29.82
26	1840	11	BKN009 BKN080 OVC130	0.75	BLDU	90	32.2	72	22.2	63	17.2	41	32	170	51	28.66			M	SP		29.83
26	1842	11	BKN009 BKN080 OVC130	0.50	BLDU	90	32.2	72	22.2	63	17.2	41	24	170	51	28.65			M	SP		29.82
26	1848	11	BKN009 BKN080CB OVC110	0.50	-TSRA BLDU	84	29.0	74	23.5	70	21.0	63	32	170	47	28.64			M	SP		29.81
26	1851	11	BKN009 BKN080CB OVC110	0.50	-TSRA BLDU	80	26.7	74	23.5	72	22.2	77	46	180	55	28.63			29.75	AA	0.14	29.80
26	1856	11	BKN009 BKN080CB OVC110	0.25	TSRA DS	78	25.6	74	23.2	72	22.2	82	23	210	55	28.66			M	SP		29.83
26	1858	11	BKN009 BKN080CB OVC110	1.50	TSRA BLDU	79	26.1	74	23.4	72	22.2	79	18	190	55	28.66			M	SP		29.84
26	1901	11	BKN020 BKN080CB OVC130	2.00	TSRA BLDU	79	26.1	74	23.4	72	22.2	79	18	160	55	28.68			M	SP		29.85
26	1910	11	BKN020 BKN080CB OVC130	5.00	+TSRA	77	25.0	73	22.7	71	21.7	82	5	250		28.66			M	SP		29.83
26	1916	11	BKN032 BKN080CB OVC130	5.00	-TSRA	81	27.2	74	23.3	71	21.7	72	5	260		28.66			M	SP		29.83
26	1931	11	FEW040 SCT080 BKN100	10.00		84	28.9	76	24.2	72	22.2	67	15	330		28.65			M	SP		29.82
26	1951	11	FEW040 SCT080 BKN100	10.00		84	28.9	76	24.2	72	22.2	67	9	290		28.66			29.78	AA	0.20	29.83
26	2051	11	FEW055 SCT100 BKN140	6.00		85	29.4	76	24.3	72	22.2	65	0	000		28.69			29.80	AA	T	29.86
26	2151	11	FEW040 SCT100 BKN140	10.00		82	27.8	73	22.8	69	20.6	65	10	280		28.73			29.86	AA		29.91
26	2251	11	SCT100 BKN140 BKN190	10.00		81	27.2	73	22.6	69	20.6	67	10	310		28.70			29.83	AA		29.88
26	2351	11	SCT100 BKN140 BKN190	10.00		82	27.8	73	22.5	68	20.0	63	9	340		28.69			29.81	AA		29.87

Dynamically generated Tue Nov 05 17:33:08 EST 2013 via http://cdo.ncdc.noaa.gov/qclcd/QCLCD

U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
CASA GRANDE MUNICIPAL ARPT (03914)
CASA GRANDE, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 1462 ft. above sea level
Latitude: 32.95
Longitude: -111.766
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0015	0	CLR	10.00		79	26.0	69	20.6	64	18.0	60	3	300		28.40			M	AA		29.95
26	0035	0	CLR	10.00		79	26.0	69	20.6	64	18.0	60	0	000		28.40			M	AA		29.95
26	0055	0	CLR	10.00		79	26.0	69	20.6	64	18.0	60	3	210		28.40			M	AA		29.95
26	0115	0	SCT120	10.00		79	26.0	69	20.6	64	18.0	60	3	280		28.40			M	AA		29.95
26	0135	0	SCT120	10.00		79	26.0	69	20.6	64	18.0	60	0	000		28.39			M	AA		29.94
26	0155	0	SCT110	10.00		81	27.0	69	20.6	63	17.0	54	0	000		28.39			M	AA		29.94
26	0215	0	FEW110	10.00		79	26.0	69	20.6	64	18.0	60	0	000		28.39			M	AA		29.94
26	0235	0	CLR	10.00		79	26.0	69	20.6	64	18.0	60	3	220		28.39			M	AA		29.94
26	0255	0	CLR	10.00		79	26.0	70	21.3	66	19.0	65	3	220		28.39			M	AA		29.94
26	0315	0	CLR	10.00		79	26.0	70	21.3	66	19.0	65	0	000		28.39			M	AA		29.94
26	0335	0	SCT120	10.00		79	26.0	70	21.3	66	19.0	65	3	280		28.39			M	AA		29.94
26	0355	0	BKN110	10.00		79	26.0	70	21.3	66	19.0	65	3	290		28.39			M	AA		29.94
26	0415	0	BKN110	10.00		79	26.0	70	21.3	66	19.0	65	3	280		28.39			M	AA		29.94
26	0435	0	SCT110	10.00		79	26.0	70	21.3	66	19.0	65	5	270		28.40			M	AA		29.95
26	0455	0	SCT110	10.00		77	25.0	70	20.9	66	19.0	69	0	000		28.39			M	AA		29.94
26	0515	0	BKN110	10.00		77	25.0	70	20.9	66	19.0	69	0	000		28.39			M	AA		29.94
26	0535	0	BKN110	10.00		77	25.0	70	20.9	66	19.0	69	0	000		28.40			M	AA		29.95
26	0555	0	BKN110	10.00		79	26.0	70	21.3	66	19.0	65	0	000		28.40			M	AA		29.95
26	0615	0	FEW110	10.00		77	25.0	70	20.9	66	19.0	69	0	000		28.40			M	AA		29.95
26	0635	0	CLR	10.00		77	25.0	70	20.9	66	19.0	69	0	000		28.40			M	AA		29.95
26	0655	0	CLR	10.00		79	26.0	70	21.3	66	19.0	65	3	050		28.41			M	AA		29.96
26	0715	0	CLR	10.00		79	26.0	70	21.3	66	19.0	65	3	110		28.42			M	AA		29.97
26	0735	0	CLR	10.00		81	27.0	71	21.6	66	19.0	60	0	000		28.42			M	AA		29.97
26	0755	0	CLR	10.00		81	27.0	71	21.6	66	19.0	60	0	000		28.43			M	AA		29.98
26	0815	0	CLR	10.00		81	27.0	71	21.6	66	19.0	60	0	000		28.42			M	AA		29.97
26	0835	0	CLR	10.00		81	27.0	71	21.6	66	19.0	60	3	090		28.43			M	AA		29.98
26	0855	0	CLR	10.00		81	27.0	71	21.6	66	19.0	60	0	000		28.43			M	AA		29.98
26	0915	0	CLR	10.00		82	28.0	71	21.8	66	19.0	58	0	000		28.43			M	AA		29.98
26	0935	0	CLR	10.00		82	28.0	71	21.8	66	19.0	58	5	080		28.42			M	AA		29.97
26	0955	0	CLR	10.00		84	29.0	71	21.5	64	18.0	51	3	110		28.43			M	AA		29.98
26	1015	0	CLR	10.00		84	29.0	71	21.5	64	18.0	51	0	000		28.42			M	AA		29.97
26	1035	0	CLR	10.00		86	30.0	71	21.8	64	18.0	48	3	110		28.42			M	AA		29.97
26	1055	0	CLR	10.00		88	31.0	73	22.8	66	19.0	48	0	000		28.41			M	AA		29.96
26	1115	0	CLR	10.00		88	31.0	73	22.8	66	19.0	48	6	090		28.41			M	AA		29.96
26	1135	0	CLR	10.00		90	32.0	74	23.1	66	19.0	45	0	000		28.40			M	AA		29.95
26	1155	0	CLR	10.00		90	32.0	74	23.1	66	19.0	45	0	000		28.39			M	AA		29.94
26	1215	0	CLR	10.00		91	33.0	74	23.2	66	19.0	44	5	030		28.38			M	AA		29.93
26	1235	0	FEW060	10.00		91	33.0	74	23.2	66	19.0	44	5	080		28.38			M	AA		29.93
26	1255	0	CLR	10.00		91	33.0	74	23.2	66	19.0	44	0	000		28.37			M	AA		29.92
26	1315	0	CLR	10.00		93	34.0	74	23.5	66	19.0	41	0	000		28.36			M	AA		29.91
26	1335	0	CLR	10.00		93	34.0	74	23.5	66	19.0	41	0	000		28.35			M	AA		29.90
26	1355	0	CLR	10.00		93	34.0	74	23.5	66	19.0	41	5	010		28.34			M	AA		29.89
26	1415	0	CLR	10.00		95	35.0	75	23.8	66	19.0	39	6	340		28.32			M	AA		29.87
26	1435	0	CLR	10.00		97	36.0	74	23.5	64	18.0	34	0	000		28.31			M	AA		29.86
26	1455	0	CLR	10.00		97	36.0	74	23.5	64	18.0	34	5	110		28.30			M	AA		29.85
26	1515	0	CLR	10.00		97	36.0	74	23.2	63	17.0	33	0	000		28.29			M	AA		29.84
26	1535	0	CLR	10.00		99	37.0	75	23.7	64	18.0	32	10	240		28.29			M	AA		29.84
26	1555	0	CLR	10.00		99	37.0	75	23.7	64	18.0	32	9	280	17	28.28			M	AA		29.83
26	1615	0	CLR	10.00		97	36.0	74	23.5	64	18.0	34	10	310		28.27			M	AA		29.82
26	1635	0	CLR	10.00		99	37.0	75	23.7	64	18.0	32	6	300		28.27			M	AA		29.81
26	1655	0	CLR	10.00		97	36.0	74	23.5	64	18.0	34	10	270		28.27			M	AA		29.82
26	1715	0	FEW120	10.00		97	36.0	74	23.5	64	18.0	34	8	250		28.29			M	AA	0.03	29.84
26	1735	0	OVC013	0.75	VCTS	88	31.0	71	21.8	63	17.0	43	24	180	36	28.31			M	AA	0.03	29.86
26	1755	0	SCT013 BKN018	3.00	TS	79	26.0	74	23.4	72	22.0	79	34	160	52	28.36			M	AA	0.03	29.91
26	1815	0	FEW013 SCT020 BKN042	9.00	TS	75	24.0	69	20.6	66	19.0	74	14	330	23	28.33			M	AA	0.28	29.88
26	1835	0	FEW044 SCT050 SCT065	10.00	TS	77	25.0	72	22.3	70	21.0	79	10	340		28.31			M	AA	0.28	29.86
26	1855	0	CLR	10.00		79	26.0	74	23.4	72	22.0	79	0	000		28.30			M	AA	0.28	29.85
26	1915	0	CLR	10.00		81	27.0	75	23.7	72	22.0	74	6	270		28.31			M	AA		29.86
26	1935	0	CLR	10.00		81	27.0	75	23.7	72	22.0	74	0	000		28.32			M	AA		29.87
26	1955	0	CLR	10.00		81	27.0	75	24.1	73	23.0	77	6	190		28.34			M	AA		29.89
26	2015	0	SCT110	10.00		79	26.0	74	23.4	72	22.0	79	13	210		28.36			M	AA		29.91
26	2035	0	SCT110	10.00		79	26.0	74	23.4	72	22.0	79	10	210		28.36			M	AA		29.91
26	2055	0	FEW110	10.00		79	26.0	74	23.4	72	22.0	79	5	160		28.38			M	AA		29.93
26	2115	0	CLR	10.00		79	26.0	74	23.4	72	22.0	79	9	110		28.39			M	AA		29.94
26	2135	0	CLR	10.00		79	26.0	74	23.4	72	22.0	79	6	030		28.36			M	AA		29.91
26	2155	0	CLR	10.00		79	26.0	74	23.4	72	22.0	79	7	300		28.34			M	AA		29.89
26	2215	0	CLR	10.00		79	26.0	74	23.4	72	22.0	79	8	280		28.34			M	AA		29.89
26	2235	0	CLR	10.00		79	26.0	73	22.6	70	21.0	74	9	350		28.36			M	AA		29.91
26	2255	0	CLR	10.00		79	26.0	74	23.4	72	22.0	79	8	010		28.36			M	AA		29.91
26	2315	0	CLR	10.00		79	26.0	74	23.4	72	22.0	79	6	040		28.36			M	AA		29.91
26	2335	0	CLR	10.00		79	26.0	73	22.6	70	21.0	74	7	010		28.36			M	AA		29.91
26	2355	0	CLR	10.00		79	26.0	73	22.6	70	21.0	74	6	010		28.36			M	AA		29.91

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
WILLIAMS GATEWAY AIRPORT (23104)
PHOENIX, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 1382 ft. above sea level
Latitude: 33.3
Longitude: -111.666
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0015	0	CLR	10.00		82	28.0	70	20.8	63	17.0	53	6	320		28.49			M	AA		29.96
26	0035	0	CLR	10.00		82	28.0	70	20.8	63	17.0	53	6	340		28.48			M	AA		29.95
26	0055	0	CLR	10.00		82	28.0	70	20.8	63	17.0	53	3	340		28.48			M	AA		29.95
26	0115	0	CLR	10.00		82	28.0	70	20.8	63	17.0	53	0	000		28.48			M	AA		29.94
26	0135	0	CLR	10.00		82	28.0	70	20.8	63	17.0	53	0	000		28.46			M	AA		29.93
26	0155	0	SCT110	10.00		82	28.0	70	20.8	63	17.0	53	0	000		28.46			M	AA		29.93
26	0215	0	SCT110	10.00		81	27.0	69	20.7	63	17.0	54	0	000		28.46			M	AA		29.93
26	0235	0	SCT110	10.00		81	27.0	69	20.7	63	17.0	54	3	230		28.46			M	AA		29.93
26	0255	0	CLR	10.00		81	27.0	69	20.7	63	17.0	54	0	000		28.46			M	AA		29.93
26	0315	0	SCT110	10.00		81	27.0	69	20.7	63	17.0	54	3	150		28.46			M	AA		29.93
26	0335	0	SCT110	10.00		81	27.0	70	21.0	64	18.0	56	0	000		28.48			M	AA		29.94
26	0355	0	SCT110	10.00		81	27.0	69	20.7	63	17.0	54	0	000		28.48			M	AA		29.94
26	0415	0	SCT110	10.00		81	27.0	69	20.7	63	17.0	54	0	000		28.48			M	AA		29.94
26	0435	0	SCT110	10.00		81	27.0	69	20.7	63	17.0	54	0	000		28.48			M	AA		29.95
26	0447	0	CLR070 CLR120	20.00		81	27.0	M	M	64	18.0	M	5	VR		M			M	AA		29.95
26	0455	0	CLR	10.00		81	27.0	69	20.7	63	17.0	54	0	000		28.48			M	AA		29.94
26	0515	0	CLR	10.00		81	27.0	70	21.0	64	18.0	56	3	140		28.48			M	AA		29.95
26	0535	0	CLR	10.00		81	27.0	70	21.0	64	18.0	56	0	000		28.48			M	AA		29.95
26	0547	0	BKN070 OVC120	20.00		81	27.0	71	21.6	66	19.0	60	5	110		28.48			M	AA		29.95
26	0647	0	SCT070 BKN120	45.00		81	27.0	71	21.6	66	19.0	60	5	080		28.50			M	AA		29.97
26	0747	0	SCT070 BKN120 BKN200	30.00		81	27.0	71	21.6	66	19.0	60	6	110		28.51			M	AA		29.98
26	0847	0	SCT070 BKN120 OVC200	30.00		84	29.0	72	22.1	66	19.0	55	6	120		28.51			M	AA		29.98
26	0947	0	BKN120 OVC200	30.00		86	30.0	71	21.8	64	18.0	48	5	VR		28.51			M	AA		29.98
26	1047	0	SCT120 BKN200	30.00		88	31.0	72	22.1	64	18.0	45	6	110		28.50			M	AA		29.97
26	1147	0	BKN120 BKN200	30.00		88	31.0	72	22.1	64	18.0	45	0	000		28.48			M	AA		29.95
26	1247	0	BKN120 OVC200	30.00		93	34.0	74	23.5	66	19.0	41	0	000		28.46			M	AA		29.93
26	1347	0	BKN110 BKN200	30.00		93	34.0	73	22.9	64	18.0	38	0	000		28.44			M	AA		29.90
26	1447	0	BKN120 BKN200	30.00		93	34.0	73	22.6	63	17.0	37	6	270		28.40			M	AA		29.86
26	1547	0	SCT070 BKN120	30.00		99	37.0	75	23.8	64	18.0	32	6	300		28.38			M	AA		29.84
26	1647	0	SCT070 BKN120 BKN200	30.00		99	37.0	74	23.5	63	17.0	31	3	VR		28.36			M	AA		29.82
26	1747	0	SCT070 BKN120 BKN200	30.00		99	37.0	74	23.5	63	17.0	31	0	000		28.37			M	AA		29.83
26	1820	0	SCT002 BKN070CB	2.00	DS	99	37.0	74	23.5	63	17.0	31	29s	210		28.40			M	AA		29.86
26	1835	0	BKN070CB BKN100	3.00	DU	99	37.0	74	23.5	63	17.0	31	14	190	21	28.40			M	AA		29.86
26	1947	0	CLR060 CLR100	8.00		84	29.0	M	M	66	19.0	M	9	300		M			M	AA		29.87
26	1955	0	SCT120	10.00		82	28.0	70	21.1	64	18.0	55	7	340		28.41			M	AA		29.87
26	2015	0	CLR	10.00		84	29.0	70	21.2	63	17.0	49	9	330		28.43			M	AA		29.89
26	2035	0	CLR	10.00		84	29.0	70	21.2	63	17.0	49	7	270		28.44			M	AA		29.90
26	2047	0	CLR100 CLR200	20.00		84	29.0	M	M	63	17.0	M	3	240		M			M	AA		29.90
26	2055	0	CLR	10.00		84	29.0	70	21.2	63	17.0	49	0	000		28.45			M	AA		29.91
26	2115	0	CLR	10.00		84	29.0	70	21.2	63	17.0	49	9	200		28.48			M	AA		29.94
26	2135	0	CLR	10.00		82	28.0	70	21.1	64	18.0	55	10	160	17	28.48			M	AA		29.94
26	2147	0	CLR100 CLR200	20.00		84	29.0	M	M	64	18.0	M	7	220		M			M	AA		29.92
26	2155	0	CLR	10.00		82	28.0	70	21.1	64	18.0	55	3	260		28.46			M	AA		29.92
26	2215	0	CLR	10.00		82	28.0	70	21.1	64	18.0	55	5	340		28.46			M	AA		29.92
26	2235	0	CLR	10.00		82	28.0	70	20.8	63	17.0	53	6	300		28.46			M	AA		29.93
26	2247	0	CLR100 CLR200	20.00		84	29.0	M	M	66	19.0	M	6	320		M			M	AA		29.93
26	2255	0	CLR	10.00		82	28.0	70	21.1	64	18.0	55	6	340		28.46			M	AA		29.93
26	2315	0	CLR	10.00		82	28.0	71	21.8	66	19.0	58	11	340		28.46			M	AA		29.92
26	2335	0	CLR	10.00		81	27.0	70	21.0	64	18.0	56	10	350		28.45			M	AA		29.91
26	2350	0	CLR100 CLR200	20.00		81	27.0	M	M	64	18.0	M	6	320		M			M	AA		29.91
26	2355	0	CLR	10.00		81	27.0	70	21.0	64	18.0	56	6	340		28.44			M	AA		29.90

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
CHANDLER MUNICIPAL AIRPORT (53128)
CHANDLER, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 1243 ft. above sea level
Latitude: 33.268
Longitude: -111.812
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0547	0	BKN110 BKN200	15.00		81	27.0	71	21.6	66	19.0	60	0	000		28.61			M	AA		29.93
26	0647	0	SCT110 BKN200	40.00		82	28.0	70	21.2	64	18.0	55	5	360		28.62			M	AA		29.94
26	0747	0	SCT110 BKN200	40.00		82	28.0	71	21.8	66	19.0	58	7	060		28.63			M	AA		29.95
26	0847	0	BKN110 BKN200	40.00		84	29.0	73	22.8	68	20.0	59	6	090		28.64			M	AA		29.96
26	0947	0	BKN120 BKN200	40.00		86	30.0	74	23.1	68	20.0	55	5	VR		28.64			M	AA		29.96
26	1047	0	BKN120 BKN200	40.00		88	31.0	74	23.4	68	20.0	52	5	VR		28.63			M	AA		29.95
26	1147	0	SCT120 BKN200	40.00		91	33.0	74	23.2	66	19.0	44	7	050		28.60			M	AA		29.92
26	1247	0	SCT120 BKN200	40.00		91	33.0	74	23.2	66	19.0	44	6	120		28.58			M	AA		29.90
26	1350	0	SCT120 BKN200	35.00		95	35.0	75	23.8	66	19.0	39	5	VR		28.55			M	AA		29.87
26	1447	0	SCT070 SCT160 BKN200	30.00		95	35.0	74	23.2	64	18.0	36	6	VR		28.52			M	AA		29.84
26	1550	0	SCT060 SCT120 BKN200	30.00		99	37.0	75	23.8	64	18.0	32	7	290		28.49			M	AA		29.81
26	1647	0	SCT060 BKN120 BKN200	30.00		97	36.0	74	23.5	64	18.0	34	7	300		28.48			M	AA		29.80
26	1750	0	SCT060 BKN100 BKN200	30.00		99	37.0	74	23.5	63	17.0	31	7	240		28.48			M	AA		29.80
26	1810	0	VV002	1.00	BLDU	93	34.0	74	23.5	66	19.0	41	39s	150	48	28.53			M	AA		29.85
26	1830	0	BKN007 BKN080 OVC120	2.00	TSRA	82	28.0	73	22.5	68	20.0	63	34	150	52	28.53			M	AA		29.85
26	1850	0	BKN035 BKN070 OVC200	5.00	-TSRA	81	27.0	72	22.3	68	20.0	65	11	220	21	28.52			M	AA		29.84
26	1947	0	FEW040 SCT070 BKN080	10.00	-RA	81	27.0	75	23.7	72	22.0	74	7	240		28.55			M	AA		29.87
26	2047	0	SCT030 SCT060 BKN100	10.00		81	27.0	75	24.1	73	23.0	77	7	160		28.57			M	AA		29.89

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
SCOTTSDALE AIRPORT (03192)
SCOTTSDALE, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 1473 ft. above sea level
Latitude: 33.622
Longitude: -111.910
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0053	12	SCT110	10.00		78	25.6	70	21.1	66	18.9	67	5	300		28.34			29.87	AA		29.94
26	0153	12	FEW120	10.00		80	26.7	70	21.1	65	18.3	60	5	330		28.32			29.85	AA		29.92
26	0253	12	FEW110	10.00		80	26.7	70	21.1	65	18.3	60	3	330		28.33			29.85	AA	T	29.93
26	0353	12	CLR	10.00		79	26.1	70	21.3	66	18.9	65	0	000		28.33			29.86	AA		29.93
26	0453	12	BKN110	10.00		78	25.6	71	21.4	67	19.4	69	0	000		28.34			29.86	AA		29.94
26	0553	12	BKN100	10.00		78	25.6	72	22.1	69	20.6	74	0	000		28.34			29.87	AA	0.01	29.94
26	0653	12	BKN100	10.00		79	26.1	71	21.6	67	19.4	67	0	000		28.36			29.89	AA		29.96
26	0753	12	CLR	10.00		81	27.2	72	21.9	67	19.4	63	3	260		28.37			29.89	AA		29.97
26	0853	12	FEW090	10.00		83	28.3	72	22.3	67	19.4	59	0	000		28.37			29.90	AA		29.97
26	0953	12	FEW040 SCT100	10.00	-RA	84	28.9	73	22.8	68	20.0	59	0	000		28.38			29.91	AA	T	29.98
26	1053	12	CLR	10.00		87	30.6	74	23.2	68	20.0	53	0	000		28.36			29.89	AA		29.96
26	1153	12	CLR	10.00		89	31.7	73	22.9	66	18.9	47	0	000		28.35			29.87	AA		29.95
26	1253	12	CLR	10.00		91	32.8	74	23.2	66	18.9	44	3	VR		28.33			29.85	AA		29.93
26	1353	12	CLR	10.00		93	33.9	74	23.5	66	18.9	41	5	200		28.30			29.82	AA		29.90
26	1453	12	CLR	10.00		96	35.6	74	23.3	64	17.8	35	5	190		28.27			29.78	AA		29.86
26	1553	12	CLR	10.00		97	36.1	74	23.2	63	17.2	33	0	000		28.24			29.75	AA		29.83
26	1653	12	CLR	10.00		98	36.7	74	23.0	62	16.7	31	3	VR		28.22			29.73	AA		29.81
26	1753	12	CLR	10.00		95	35.0	73	22.9	63	17.2	35	5	150		28.24			29.75	AA		29.83
26	1853	12	SCT100	9.00		94	34.4	74	23.0	64	17.8	37	18	180	33	28.27			29.78	AA		29.86
26	1903	12	FEW022 BKN075 BKN100	2.50	VCTS HZ	90	32.0	72	22.4	64	18.0	42	16	180	30	28.27			M	SP		29.87
26	1910	12	BKN024 BKN075 BKN100	3.00	TS HZ	88	31.0	72	22.1	64	18.0	45	16	180	30	28.27			M	SP		29.87
26	1919	12	SCT026 SCT075 BKN100	7.00	TS	84	29.0	72	22.1	66	19.0	55	15	220	22	28.28			M	SP		29.88
26	1949	12	FEW120	10.00		82	28.0	71	21.8	66	19.0	58	5	270		28.28			M	SP		29.88
26	1953	12	SCT120	10.00		83	28.3	72	22.3	67	19.4	59	5	290		28.28			29.81	AA		29.88
26	2053	12	BKN110	10.00		85	29.4	72	21.9	65	18.3	51	3	310		28.30			29.82	AA		29.90
26	2153	12	SCT100	9.00		84	28.9	73	22.8	68	20.0	59	5	270		28.35			29.88	AA		29.95
26	2253	12	CLR	10.00		82	27.8	72	22.1	67	19.4	61	9	330		28.32			29.84	AA		29.92
26	2353	12	CLR	10.00		82	27.8	72	22.4	68	20.0	63	3	350		28.31			29.83	AA		29.91

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
FALCON FIELD AIRPORT (03185)
MESA, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 1380 ft. above sea level
Latitude: 33.466
Longitude: -111.733
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0647	0	BKN120 BKN250	40.00		81	27.0	70	21.0	64	18.0	56	7	030		28.46			M	AA		29.94
26	0747	0	BKN120 BKN250	40.00		82	28.0	70	21.1	64	18.0	55	6	030		28.47			M	AA		29.95
26	0847	0	FEW110 BKN150 BKN200	M		84	29.0	71	21.5	64	18.0	51	6	020		28.48			M	AA		29.96
26	1148	0	SCT180 BKN200	40.00		88	31.0	73	22.8	66	19.0	48	7	250		28.45			M	AA		29.93
26	1247	0	FEW100 BKN180 BKN250	40.00		90	32.0	74	23.1	66	19.0	45	6	250		28.42			M	AA		29.90
26	1547	0	SCT100 BKN220	40.00		95	35.0	74	23.2	64	18.0	36	8	270		28.34			M	AA		29.81
26	1647	0	SCT100 BKN220	40.00		99	37.0	74	23.5	63	17.0	31	5	230		28.33			M	AA		29.80
26	1747	0	SCT100 BKN200	40.00		97	36.0	73	22.6	61	16.0	30	8	330		28.34			M	AA		29.81
26	1847	0	SCT080 BKN150	6.00	BLDU	90	32.0	72	22.4	64	18.0	42	14	210		28.37			M	AA		29.84
26	1915	0	SCT080 BKN150	20.00		84	29.0	72	22.1	66	19.0	55	14	230		28.37			M	AA		29.84
26	1955	0	SCT080 BKN150	30.00		84	29.0	70	21.2	63	17.0	49	7	310		28.38			M	AA		29.86

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
LUKE AFB AIRPORT (23111)
GLENDALE, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 1085 ft. above sea level
Latitude: 33.55
Longitude: -112.366
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0058	0	SCT160	10.00		77	25.2	72	22.0	69	20.4	76	5	350		28.76			29.88	AA		29.92
26	0158	0	BKN130 BKN160	10.00		78	25.6	71	21.8	68	20.2	71	7	320		28.75			29.88	AA		29.91
26	0258	0	BKN120	10.00		78	25.6	72	22.1	69	20.5	74	5	340		28.74			29.86	AA		29.90
26	0358	0	FEW130 SCT150	10.00		77	25.0	73	22.7	71	21.4	82	5	340		28.74			29.86	AA		29.90
26	0458	0	BKN120	10.00		77	25.1	72	22.3	70	21.3	79	2	290		28.75			29.88	AA		29.91
26	0558	0	BKN110	10.00		77	25.2	72	22.3	70	21.0	79	2	330		28.75			29.88	AA		29.91
26	0658	0	FEW120 SCT150	10.00		78	25.6	73	22.5	70	21.0	77	5	340		28.77			29.90	AA		29.93
26	0758	0	FEW120 SCT150	10.00		81	27.3	73	23.0	70	20.9	69	3	010		28.77			29.89	AA		29.93
26	0858	0	FEW140 SCT180	10.00		84	28.9	74	23.1	69	20.8	61	3	VR		28.78			29.90	AA		29.94
26	0958	0	SCT110 BKN150	10.00		87	30.7	73	22.9	67	19.7	52	5	VR		28.77			29.89	AA		29.93
26	1058	0	SCT130 BKN200	10.00		90	32.3	75	23.7	68	19.9	48	5	VR		28.76			29.88	AA		29.92
26	1158	0	SCT120 BKN160	10.00		93	33.9	76	24.2	68	19.8	44	3	VR		28.74			29.86	AA		29.90
26	1258	0	FEW150 SCT180 SCT210	10.00		94	34.6	75	24.0	67	19.7	41	0	000		28.72			29.84	AA		29.88
26	1358	0	SCT120 BKN160	10.00		97	36.3	77	24.7	68	20.1	39	7	250		28.70			29.81	AA		29.85
26	1458	0	FEW150	10.00		97	35.9	77	24.7	68	20.2	39	8	260		28.67			29.78	AA		29.82
26	1558	0	SCT150	10.00		96	35.5	76	24.6	68	19.8	40	5	290		28.65			29.76	AA		29.80
26	1658	0	BKN180	10.00		97	36.3	76	24.4	67	19.5	38	6	290		28.63			29.74	AA		29.78
26	1758	0	BKN160	10.00		96	35.8	75	23.7	65	18.4	36	0	000		28.64			29.75	AA		29.79
26	1858	0	BKN150 OVC180	10.00		96	35.3	75	24.0	66	18.9	37	3	060		28.65			29.76	AA		29.80
26	1915	0	SCT085 SCT100	0.50s	TSs	97	36.0	75	24.1	66	19.0	36	24	110	29	28.66			M	AA	0.28	29.81
26	1922	0	FEW009 BKN085CB BKN100	0.50s	DUs	91	33.0	76	24.5	70	21.0	50	40	130	49	28.67			M	AA	0.28	29.82
26	1929	0	FEW002 SCT011 SCT027	1.50		82	28.0	76	24.2	73	23.0	74	18	080	49	28.71			M	AA	0.28	29.86
26	1933	0	FEW002 SCT015 BKN070	1.50		77	25.0	77	25.0	77	25.0	100	11	070	29	28.70			M	AA	0.28	29.85
26	1943	0	FEW002 SCT013 BKN070	10.00		77	25.0	77	25.0	77	25.0	100	11	160	23	28.70			M	AA	0.28	29.85
26	1947	0	FEW002 SCT013 SCT065	5.00		79	26.0	78	25.3	77	25.0	94	10	160		28.70			M	AA	0.28	29.85
26	1948	0	FEW002 SCT014 SCT100	5.00		79	26.0	78	25.3	77	25.0	94	11	160		28.71			M	AA	0.28	29.86
26	1951	0	FEW002 SCT014 SCT100	10.00		79	26.0	78	25.3	77	25.0	94	10	160		28.71			M	AA	0.28	29.86
26	1958	0	FEW016 BKN140	10.00	VCTS	79	26.0	M	M	M	M	M	7	200		28.71			29.83	AA	0.28	29.86
26	2005	0	SCT130	10.00	-TSRA	79	26.0	M	M	M	M	M	9	190		28.70			M	AA	0.01	29.85
26	2006	0	FEW130	10.00	-DZ VCTS	79	26.0	M	M	M	M	M	8	180		28.70			M	AA	0.01	29.85
26	2058	0	SCT120 BKN150	10.00		82	27.9	76	24.2	73	22.9	74	8	210		28.74			29.85	AA	0.01	29.89
26	2158	0	SCT150	10.00		82	27.5	74	23.2	70	21.1	67	2	VR		28.74			29.86	AA		29.90
26	2258	0	SCT150	10.00		78	25.8	75	23.6	73	22.7	85	16	320		28.72			29.84	AA		29.88
26	2358	0	SCT150 SCT170	10.00		78	25.6	73	22.9	71	21.4	79	8	350		28.72			29.84	AA		29.88

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
PHOENIX GOODYEAR AIRPORT (03186)
GOODYEAR, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 968 ft. above sea level
Latitude: 33.416
Longitude: -112.383
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0547	0	BKN120 BKN200	10.00		77	25.0	74	23.0	72	22.0	85	3	240		28.90			M	AA		29.93
26	0647	0	SCT120 BKN200	10.00		79	26.0	74	23.4	72	22.0	79	0	000		28.91			M	AA		29.94
26	0747	0	SCT150 SCT200 BKN250	10.00		82	28.0	74	23.2	70	21.0	67	6	VR		28.92			M	AA		29.95
26	0847	0	SCT200 BKN250	10.00		86	30.0	73	22.5	66	19.0	51	5	VR		28.92			M	AA		29.95
26	0947	0	SCT200 BKN250	10.00		88	31.0	73	22.8	66	19.0	48	6	VR		28.92			M	AA		29.95
26	1047	0	FEW060 SCT150 BKN200	10.00		91	33.0	75	23.9	68	20.0	47	6	VR		28.91			M	AA		29.94
26	1147	0	FEW055 SCT150 BKN180	10.00		95	35.0	77	25.1	70	21.0	44	9	130		28.89			M	AA		29.92
26	1250	0	FEW055 SCT150 BKN180	10.00		97	36.0	78	25.4	70	21.0	42	9	170		28.87			M	AA		29.90
26	1347	0	FEW055 SCT150 BKN180	10.00		97	36.0	77	24.7	68	20.0	39	5	VR		28.84			M	AA		29.87
26	1447	0	FEW060 BKN180 BKN250	10.00		97	36.0	78	25.4	70	21.0	42	7	VR		28.81			M	AA		29.84
26	1547	0	SCT060 BKN120 BKN180	10.00		97	36.0	78	25.4	70	21.0	42	6	VR		28.79			M	AA		29.82
26	1647	0	SCT060 SCT120 BKN200	10.00		99	37.0	78	25.6	70	21.0	39	7	VR		28.77			M	AA		29.80
26	1747	0	FEW060 BKN180 BKN250	10.00		99	37.0	78	25.6	70	21.0	39	6	VR		28.78			M	AA		29.81
26	1850	0	BKN060 BKN180	3.00	BLDUs	97	36.0	78	25.4	70	21.0	42	6s	150		28.79			M	AA		29.82
26	1950	0	BKN060 OVC150	7.00	-RA	97	36.0	78	25.4	70	21.0	42	9	200		28.85			M	AA		29.88
26	2047	0	BKN060 OVC150	10.00		82	28.0	76	24.2	73	23.0	74	17	250		28.86			M	AA		29.89

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
GLENDALE MUNICIPAL AIRPORT (53126)
GLENDALE, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 1066 ft. above sea level
Latitude: 33.527
Longitude: -112.295
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0547	0	BKN110 BKN200	20.00		81	27.0	73	23.0	70	21.0	69	3	260		28.79			M	AA		29.93
26	0647	0	SCT110 BKN200	20.00		81	27.0	72	22.3	68	20.0	65	3	VR		28.80			M	AA		29.94
26	0747	0	SCT110 BKN200	20.00		82	28.0	73	22.5	68	20.0	63	0	000		28.81			M	AA		29.95
26	0847	0	SCT110 BKN200	20.00		86	30.0	73	22.5	66	19.0	51	0	000		28.81			M	AA		29.95
26	0947	0	BKN120 BKN200	20.00		88	31.0	73	22.8	66	19.0	48	5	100		28.81			M	AA		29.95
26	1047	0	BKN120 BKN200	20.00		91	33.0	74	23.2	66	19.0	44	5	VR		28.80			M	AA		29.94
26	1147	0	BKN120 BKN200	20.00		91	33.0	74	23.2	66	19.0	44	0	000		28.78			M	AA		29.92
26	1247	0	BKN120 BKN200	20.00		97	36.0	76	24.1	66	19.0	36	5	080		28.77			M	AA		29.90
26	1347	0	FEW050 SCT120 BKN200	20.00		97	36.0	75	24.1	66	19.0	36	5	360		28.74			M	AA		29.88
26	1447	0	FEW050 SCT120 BKN200	20.00		97	36.0	74	23.5	64	18.0	34	5	VR		28.71			M	AA		29.84
26	1547	0	FEW050 SCT100 BKN200	20.00		97	36.0	74	23.5	64	18.0	34	3	100		28.69			M	AA		29.82
26	1647	0	FEW060 SCT100 BKN180	20.00		99	37.0	76	24.4	66	19.0	34	5	310		28.67			M	AA		29.80
26	1747	0	FEW060 SCT100 BKN180	20.00		99	37.0	75	23.8	64	18.0	32	6	VR		28.68			M	AA		29.81
26	1847	0	SCT060 BKN100 BKN180	20.00		99	37.0	75	23.8	64	18.0	32	0	000		28.68			M	AA		29.81
26	1915	0	BKN060 BKN090	3.00	BLDU	91	33.0	74	23.2	66	19.0	44	25s	160	38	28.74			M	AA		29.87
26	1947	0	BKN060 BKN180	10.00	RA	86	30.0	73	22.5	66	19.0	51	8	150		28.74			M	AA		29.87

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA
(final)
HOURLY OBSERVATIONS TABLE
PHOENIX DEER VALLEY ARPT (03184)
PHOENIX, AZ
(08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 1455 ft. above sea level
Latitude: 33.688
Longitude: -112.081
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
26	0053	12	FEW110	10.00		79	26.1	69	20.3	63	17.2	58	13	360		28.38			29.87	AA		29.94
26	0153	12	CLR	10.00		80	26.7	70	20.8	64	17.8	58	8	360		28.36			29.85	AA		29.92
26	0253	12	FEW110	10.00		79	26.1	70	20.9	65	18.3	62	7	040		28.35			29.84	AA	T	29.91
26	0353	12	BKN100	10.00		79	26.1	70	20.9	65	18.3	62	0	000		28.36			29.85	AA	T	29.92
26	0453	12	SCT100 BKN120	10.00		77	25.0	70	21.3	67	19.4	71	0	000		28.36			29.85	AA		29.92
26	0553	12	FEW037 OVC100	10.00		79	26.1	70	21.3	66	18.9	65	0	000		28.37			29.85	AA	T	29.93
26	0653	12	BKN110	10.00		79	26.1	70	21.3	66	18.9	65	0	000		28.38			29.88	AA		29.94
26	0753	12	FEW100	10.00		82	27.8	72	22.1	67	19.4	61	3	040		28.38			29.88	AA		29.95
26	0853	12	CLR	10.00		84	28.9	72	22.1	66	18.9	55	0	000		28.40			29.88	AA		29.96
26	0953	12	CLR	10.00		86	30.0	72	22.1	65	18.3	50	3	150		28.40			29.88	AA		29.96
26	1053	12	BKN095	10.00		88	31.1	72	22.4	65	18.3	47	3	140		28.38			29.87	AA		29.95
26	1153	12	SCT100	10.00		91	32.8	73	22.9	65	18.3	42	5	130		28.36			29.85	AA		29.92
26	1253	12	CLR	10.00		92	33.3	74	23.0	65	18.3	41	6	120		28.35			29.83	AA		29.91
26	1353	12	CLR	10.00		94	34.4	73	22.7	63	17.2	36	5	120		28.32			29.80	AA		29.88
26	1453	12	CLR	10.00		94	34.4	74	23.0	64	17.8	37	0	000		28.29			29.77	AA		29.85
26	1553	12	CLR	10.00		96	35.6	74	23.0	63	17.2	34	6	200		28.26			29.74	AA		29.82
26	1653	12	CLR	10.00		96	35.6	74	23.0	63	17.2	34	7	240		28.24			29.72	AA		29.80
26	1753	12	CLR	10.00		96	35.6	73	22.7	62	16.7	32	3	290		28.26			29.74	AA		29.82
26	1853	12	CLR	10.00		94	34.4	72	22.4	62	16.7	35	5	VR		28.26			29.74	AA		29.82
26	1913	12	SCT024 BKN080 BKN100	1.50	BLDU	88	31.0	72	22.1	64	18.0	45	21	170	34	28.30			M	SP		29.86
26	1917	12	BKN022 BKN100	1.50	BLDU	88	31.0	72	22.1	64	18.0	45	28	170	34	28.31			M	SP		29.87
26	1927	12	SCT020 BKN090	5.00	TSRA	84	29.0	72	22.1	66	19.0	55	26	200	37	28.31			M	SP		29.87
26	1953	12	FEW110	10.00	TS	83	28.3	71	21.6	65	18.3	55	10	240		28.30			29.79	AA	T	29.86
26	2011	12	SCT120	10.00		82	28.0	71	21.8	66	19.0	58	7	280		28.31			M	SP		29.87
26	2031	12	FEW006 SCT120	7.00		82	28.0	71	21.8	66	19.0	58	7	270		28.32			M	SP		29.88
26	2051	12	FEW006 BKN014 BKN110	3.00	-RA	82	28.0	72	22.4	68	20.0	63	3	330		28.33			M	SP		29.89
26	2053	12	FEW006 BKN014 BKN110	3.00	-RA	83	28.3	73	22.6	68	20.0	61	6	300		28.33			29.82	AA	T	29.89
26	2100	12	SCT014 SCT075 BKN110	4.00	-RA	82	28.0	72	22.4	68	20.0	63	9	290		28.33			M	SP		29.89
26	2153	12	SCT110	10.00		81	27.2	73	22.6	69	20.6	67	10	300		28.37			29.86	AA	T	29.93
26	2253	12	SCT045 SCT070 BKN110	10.00	-RA	78	25.6	73	22.5	70	21.1	77	13	320		28.35			29.83	AA	0.01	29.91
26	2353	12	CLR	10.00		81	27.2	72	21.9	67	19.4	63	3	350		28.33			29.81	AA	T	29.89

Dynamically generated Tue Nov 05 17:31:16 EST 2013 via http://cdo.ncdc.noaa.gov/qclcd/QCLCD

AWS ID	WBAN ID	Name	Country	State	Latitude	Longitude	Elevation
720644	99999	BUCKEYE MUNI	UNITED STATES	ARIZONA	+33.417	-112.683	+0311.0 (meters)

USAF	WBAN	YR--MODAHRMN	DIR	SPD	GUS	CLG	SKC	L	M	H	VSB	MW	MW	MW	MW	AW	AW	AW	AW	W	TEMP	DEWP	SLP	ALT	STP	MAX	MIN	PCP01	PC
		GMT		MPH	MPH						Miles										F	F	Mb	inches	Mb	F	F	inches	in
720644	99999	201308260715	350	8	***	110	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	72	******	29.94	******	***	***	*****	**
720644	99999	201308260735	340	10	***	110	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	73	******	29.93	******	***	***	*****	**
720644	99999	201308260755	350	8	***	110	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	72	******	29.93	******	***	***	*****	**
720644	99999	201308260815	360	7	***	110	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	72	******	29.92	******	***	***	*****	**
720644	99999	201308260835	360	6	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	73	******	29.92	******	***	***	*****	**
720644	99999	201308260855	330	8	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	72	******	29.92	******	***	***	*****	**
720644	99999	201308260915	330	9	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	72	******	29.91	******	***	***	*****	**
720644	99999	201308260935	340	10	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	72	******	29.91	******	***	***	*****	**
720644	99999	201308260955	330	7	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	72	******	29.91	******	***	***	*****	**
720644	99999	201308261015	340	7	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	72	******	29.91	******	***	***	*****	**
720644	99999	201308261035	330	7	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	72	******	29.91	******	***	***	*****	**
720644	99999	201308261055	330	7	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	70	******	29.92	******	***	***	*****	**
720644	99999	201308261115	350	8	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	70	******	29.92	******	***	***	*****	**
720644	99999	201308261135	330	7	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	68	******	29.92	******	***	***	*****	**
720644	99999	201308261155	350	6	***	85	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	70	******	29.92	******	***	***	*****	**
720644	99999	201308261215	350	5	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	70	******	29.92	******	***	***	*****	**
720644	99999	201308261235	330	6	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	70	******	29.92	******	***	***	*****	**
720644	99999	201308261255	320	3	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	70	******	29.92	******	***	***	*****	**
720644	99999	201308261315	330	5	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	72	******	29.93	******	***	***	*****	**
720644	99999	201308261335	350	5	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	70	******	29.93	******	***	***	*****	**
720644	99999	201308261355	340	3	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	70	******	29.93	******	***	***	*****	**
720644	99999	201308261415	350	5	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	70	******	29.93	******	***	***	*****	**
720644	99999	201308261435	360	5	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	79	68	******	29.94	******	***	***	*****	**
720644	99999	201308261455	350	7	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	81	68	******	29.94	******	***	***	*****	**
720644	99999	201308261515	010	7	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	82	68	******	29.94	******	***	***	*****	**
720644	99999	201308261535	030	6	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	82	68	******	29.94	******	***	***	*****	**
720644	99999	201308261555	***	0	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	84	66	******	29.94	******	***	***	*****	**
720644	99999	201308261615	140	5	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	84	68	******	29.94	******	***	***	*****	**
720644	99999	201308261635	150	3	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	84	68	******	29.94	******	***	***	*****	**
720644	99999	201308261655	150	7	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	86	70	******	29.94	******	***	***	*****	**
720644	99999	201308261715	110	9	16	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	88	68	******	29.94	******	***	***	*****	**
720644	99999	201308261735	120	9	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	90	66	******	29.94	******	***	***	*****	**
720644	99999	201308261755	120	10	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	90	66	******	29.93	******	***	***	*****	**
720644	99999	201308261815	120	10	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	90	66	******	29.93	******	***	***	*****	**
720644	99999	201308261835	120	9	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	90	66	******	29.92	******	***	***	*****	**
720644	99999	201308261855	110	9	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	91	66	******	29.91	******	***	***	*****	**
720644	99999	201308261915	130	3	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	91	66	******	29.91	******	***	***	*****	**
720644	99999	201308261935	***	0	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	91	66	******	29.90	******	***	***	*****	**
720644	99999	201308261955	150	3	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	91	66	******	29.89	******	***	***	*****	**
720644	99999	201308262015	***	0	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	93	64	******	29.88	******	***	***	*****	**
720644	99999	201308262035	130	6	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	93	66	******	29.88	******	***	***	*****	**
720644	99999	201308262055	110	8	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	64	******	29.87	******	***	***	*****	**
720644	99999	201308262115	***	0	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	64	******	29.86	******	***	***	*****	**
720644	99999	201308262135	160	5	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	64	******	29.84	******	***	***	*****	**
720644	99999	201308262155	240	3	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	64	******	29.83	******	***	***	*****	**
720644	99999	201308262215	160	3	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	97	64	******	29.82	******	***	***	*****	**
720644	99999	201308262235	***	0	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	64	******	29.82	******	***	***	*****	**
720644	99999	201308262255	150	3	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	63	******	29.81	******	***	***	*****	**
720644	99999	201308262315	***	0	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	64	******	29.80	******	***	***	*****	**
720644	99999	201308262335	***	0	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	97	63	******	29.79	******	***	***	*****	**
720644	99999	201308262355	170	3	***	722	CLR	*	*	*	10.0	**	**	**	**	**	**	**	**	*	97	63	******	29.79	******	***	***	*****	**
720644	99999	201308270015	150	5	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	97	63	******	29.79	******	***	***	*****	**
720644	99999	201308270035	140	3	***	***	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	97	63	******	29.80	******	***	***	*****	**
720644	99999	201308270055	130	6	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	97	64	******	29.80	******	***	***	*****	**
720644	99999	201308270115	***	0	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	64	******	29.79	******	***	***	*****	**
720644	99999	201308270135	***	0	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	64	******	29.79	******	***	***	*****	**
720644	99999	201308270155	***	0	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	95	66	******	29.80	******	***	***	*****	**
720644	99999	201308270215	150	23	32	80	***	*	*	*	7.0	**	**	**	**	**	**	**	**	*	86	66	******	29.84	******	***	***	*****	**

720644	99999	201308270235	120	43	68	2	***	*	*	*	1.8	**	**	**	**	**	**	**	**	*	79	70	******	29.86	******	***	***	0.05	**
720644	99999	201308270255	150	17	22	3	***	*	*	*	2.5	**	**	**	**	**	**	**	**	*	75	70	******	29.89	******	***	***	0.43	**
720644	99999	201308270315	230	9	***	31	***	*	*	*	9.1	**	**	**	**	**	**	**	**	*	75	73	******	29.88	******	***	***	0.02	**
720644	99999	201308270335	240	13	***	120	***	*	*	*	5.0	**	**	**	**	**	**	**	**	*	77	73	******	29.91	******	***	***	0.04	**
720644	99999	201308270355	250	9	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	73	******	29.91	******	***	***	0.06	**
720644	99999	201308270415	270	11	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	75	75	******	29.88	******	***	***	0.01	**
720644	99999	201308270435	360	8	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	75	******	29.90	******	***	***	0.01	**
720644	99999	201308270455	340	10	16	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	73	******	29.91	******	***	***	0.01	**
720644	99999	201308270515	360	10	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	73	******	29.91	******	***	***	*****	**
720644	99999	201308270535	360	11	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	72	******	29.90	******	***	***	*****	**
720644	99999	201308270555	350	14	21	110	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	72	******	29.89	******	***	***	*****	**
720644	99999	201308270615	360	15	20	100	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	79	72	******	29.88	******	***	***	*****	**
720644	99999	201308270635	360	20	24	110	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	79	68	******	29.86	******	***	***	*****	**
720644	99999	201308270655	360	20	26	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	68	******	29.86	******	***	***	*****	**
720644	99999	201308270715	340	17	25	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	77	66	******	29.86	******	***	***	*****	**
720644	99999	201308270735	360	13	17	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	79	66	******	29.86	******	***	***	*****	**
720644	99999	201308270755	040	9	***	120	***	*	*	*	10.0	**	**	**	**	**	**	**	**	*	79	66	******	29.85	******	***	***	*****	**

WWUS75 KPSR 270001
NPWPSR
URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
501 PM MST MON AUG 26 2013
AZZ027-028-270200-
/O.NEW.KPSR.DU.Y.0022.130827T0001Z-130827T0200Z/
SOUTHWEST MARICOPA COUNTY-
NORTHWEST AND NORTH CENTRAL PINAL COUNTY-
INCLUDING THE CITIES OF...GILA BEND...APACHE JUNCTION...
CASA GRANDE...FLORENCE
501 PM MST MON AUG 26 2013
...BLOWING DUST ADVISORY IN EFFECT UNTIL 7 PM MST THIS EVENING...
THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST
ADVISORY...WHICH IS IN EFFECT UNTIL 7 PM MST THIS EVENING.
* AFFECTED AREA...NORTHERN PINAL AND SOUTHWEST MARICOPA COUNTIES...
  INCLUDING GILA BEND...MARICOPA...CASA GRANDE...COOLIDGE...SACATON...
  AND NEARBY PORTIONS OF INTERSTATES 8 AND 10.
* TIMING...THROUGH 7 PM MST
* WINDS...SOUTH TO SOUTHEAST WINDS 20 TO 30 MPH...WITH GUSTS TO 40.
* VISIBILITY...AREAS OF VISIBILITIES LESS THAN 1 MILE.
* IMPACTS...REDUCED VISIBILITY IN DUST WITH STRONG CROSS WINDS ARE
  HAZARDS TO MOTORISTS.
PRECAUTIONARY/PREPAREDNESS ACTIONS...
BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.
REMEMBER...PULL ASIDE...STAY ALIVE.
&&
$$
VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

WWUS75 KPSR 270012
NPWPSR
URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
512 PM MST MON AUG 26 2013
...THIS DUST STORM WARNING IS A FOLLOW-UP TO THE BLOWING DUST
ADVISORY ISSUED EARLER.
AZZ027-028-270200-
/O.NEW.KPSR.DS.W.0007.130827T0012Z-130827T0200Z/
/O.CON.KPSR.DU.Y.0022.000000T0000Z-130827T0200Z/
SOUTHWEST MARICOPA COUNTY-
NORTHWEST AND NORTH CENTRAL PINAL COUNTY-
INCLUDING THE CITIES OF...GILA BEND...APACHE JUNCTION...
CASA GRANDE...FLORENCE
512 PM MST MON AUG 26 2013
...DUST STORM WARNING IN EFFECT UNTIL 7 PM MST THIS EVENING...
THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A DUST STORM
WARNING...WHICH IS IN EFFECT UNTIL 7 PM MST THIS EVENING.
* AFFECTED AREA...NORTHERN PINAL AND SOUTHWEST MARICOPA COUNTIES...
  INCLUDING GILA BEND...MARICOPA...CASA GRANDE...COOLIDGE...
  SACATON...AND NEARBY PORTIONS OF INTERSTATES 8 AND 10.
* TIMING...THROUGH 7 PM MST
* WINDS...SOUTH TO SOUTHEAST WINDS 20 TO 30 MPH...WITH GUSTS TO
  40.
* VISIBILITY...VISIBILITIES LESS THAN 1/4 MILE.
* IMPACTS...REDUCED VISIBILITY IN DUST WITH STRONG CROSS WINDS
  ARE HAZARDS TO MOTORISTS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...
BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.
REMEMBER...PULL ASIDE...STAY ALIVE.
&&
$$
VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

WWUS85 KPSR 270021
SPSPSR
SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
521 PM MST MON AUG 26 2013
AZZ028-270100-
PINAL AZ-
521 PM MST MON AUG 26 2013
...SIGNIFICANT WEATHER ADVISORY...
THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A
SIGNIFICANT WEATHER ADVISORY FOR...
  WEST CENTRAL PINAL COUNTY IN SOUTH CENTRAL ARIZONA
  FOR THE AREA IN PINAL COUNTY NEAR CASA GRANDE...WEST
  TO STANFIELD...AND OTHER NEARBY AGRICULTURAL COMMUNITIES.
UNTIL 600 PM MST
AT 511 PM MST...NATIONAL WEATHER SERVICE METEOROLOGISTS DETECTED A
SMALL LINE OF STRONG THUNDERSTORMS 8 TO 10 MILES SOUTH AND SOUTHWEST
OF CASA GRANDE...MOVING NORTHWEST AT 15 MPH TOWARD CASA GRANDE.
LOCATIONS IMPACTED INCLUDE...
   CASA GRANDE AND SURROUNDING AREAS...INCLUDING STANFIELD...
   AND PORTIONS OF INTERSTATES 8 AND 10.
STRONG THUNDERSTORMS AREA PRODUCING VARIABLY STRONG WINDS POSSIBLY
TO 50 MPH...AND DENSE BLOWING DUST.
SOME UNSECURED OBJECTS WILL BE BLOWN AROUND...TREE LIMBS COULD BE
SNAPPED OFF...AND ISOLATED POWER OUTAGES WILL BE POSSIBLE. SEEK
SHELTER INDOORS UNTIL THE STORM PASSES.
VERY HEAVY RAINFALL MAY CAUSE TEMPORARY PONDING ON SOME ROADS AND
MINOR FLOODING OF POOR DRAINAGE AREAS. IN HEAVY RAINFALL...SLOW DOWN
TO REDUCE THE RISK OF HYDROPLANING...AND LEAVE A SAFE DISTANCE
BETWEEN YOURSELF AND OTHER VEHICLES.
LAT...LON 3297 11219 3304 11166 3285 11151 3275 11161
      3273 11166 3273 11174 3276 11174 3276 11177
      3279 11178 3279 11185 3276 11188 3276 11204
      3272 11206 3272 11214 3268 11215 3268 11218
TIME...MOT...LOC 0017Z 140DEG 12KT 3282 11177
$$
HV

NWUS55 KPSR 270033
LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
533 PM MST MON AUG 26 2013

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...	....MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		
0529 PM	DUST STORM	8 SW MARICOPA	32.98N 112.14W
08/26/2013		PINAL AZ	TRAINED SPOTTER
	VISIBILITY LESS THEN ONE QUARTER MILE		

&&

EVENT NUMBER PSR1300145
$$
MB

NWUS55 KPSR 270037
LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
537 PM MST MON AUG 26 2013

```
..TIME...   ...EVENT...      ...CITY LOCATION...     ...LAT.LON...
..DATE...   ....MAG....      ..COUNTY LOCATION..ST.. ...SOURCE....
            ..REMARKS..
0534 PM     DUST STORM       1 WSW COOLIDGE          32.97N 111.55W
08/26/2013                   PINAL               AZ  TRAINED SPOTTER
            VISIBILITY LESS THAN ONE QUARTER MILE
```

&&
EVENT NUMBER PSR1300146
$$
MB

WWUS75 KPSR 270041
NPWPSR
URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
541 PM MST MON AUG 26 2013
.DUST STORM HEADING TOWARD PHOENIX FROM THE SOUTH...AND SHOULD MOVE
INTO THE PHOENIX EAST VALLEY AROUND 6 PM.
AZZ023-270300-
/O.EXB.KPSR.DS.W.0007.130827T0100Z-130827T0300Z/
GREATER PHOENIX AREA-
INCLUDING THE CITIES OF...MESA...PHOENIX
541 PM MST MON AUG 26 2013
...DUST STORM WARNING IN EFFECT FROM 6 PM UNTIL 8 PM MST THIS
EVENING...
THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A DUST STORM
WARNING...WHICH IS IN EFFECT FROM 6 PM UNTIL 8 PM MST THIS EVENING.
* AFFECTED AREA...TEMPE...CHANDLER...GILBERT...MESA BY 6 PM...THEN
  INTO CENTRAL PHOENIX BY 7 PM.
* TIMING...DUST STORM WILL SWEEP THROUGH THE GREATER PHOENIX AREA
  FROM THE SOUTH BETWEEN 6 PM AND 8 PM.
* WINDS...SOUTH TO SOUTHEAST WINDS 20 TO 30 MPH...WITH GUSTS TO
  40.
* VISIBILITY...VISIBILITIES LESS THAN 1/4 MILE.
* IMPACTS...REDUCED VISIBILITY IN DUST WITH STRONG CROSS WINDS
  ARE HAZARDS TO MOTORISTS.
PRECAUTIONARY/PREPAREDNESS ACTIONS...
BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.
REMEMBER...PULL ASIDE...STAY ALIVE.
&&
$$

AZZ027-028-270200-
/O.CON.KPSR.DS.W.0007.000000T0000Z-130827T0200Z/
/O.CON.KPSR.DU.Y.0022.000000T0000Z-130827T0200Z/
SOUTHWEST MARICOPA COUNTY-
NORTHWEST AND NORTH CENTRAL PINAL COUNTY-

INCLUDING THE CITIES OF...GILA BEND...APACHE JUNCTION...
CASA GRANDE...FLORENCE
541 PM MST MON AUG 26 2013
...DUST STORM WARNING REMAINS IN EFFECT UNTIL 7 PM MST THIS
EVENING...
A DUST STORM WARNING REMAINS IN EFFECT UNTIL 7 PM MST THIS
EVENING. A BLOWING DUST ADVISORY REMAINS IN EFFECT UNTIL 7 PM MST
THIS EVENING.
* AFFECTED AREA...NORTHERN PINAL AND SOUTHWEST MARICOPA
  COUNTIES... INCLUDING GILA BEND...MARICOPA...CASA GRANDE...
  COOLIDGE... SACATON...AND NEARBY PORTIONS OF INTERSTATES 8 AND
  10.
* TIMING...THROUGH 7 PM MST
* WINDS...SOUTH TO SOUTHEAST WINDS 20 TO 30 MPH...WITH GUSTS TO
  40.
* VISIBILITY...VISIBILITIES LESS THAN 1/4 MILE.
* IMPACTS...REDUCED VISIBILITY IN DUST WITH STRONG CROSS WINDS
  ARE HAZARDS TO MOTORISTS.
PRECAUTIONARY/PREPAREDNESS ACTIONS...
BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.
REMEMBER...PULL ASIDE...STAY ALIVE.
&&
$$
VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

WWUS55 KPSR 270104
SVSPSR
SEVERE WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
604 PM MST MON AUG 26 2013
AZC021-270145-
/O.CON.KPSR.SV.W.0034.000000T0000Z-130827T0145Z/
PINAL AZ-
604 PM MST MON AUG 26 2013
...A SEVERE THUNDERSTORM WARNING REMAINS IN EFFECT UNTIL 645 PM MST
FOR WEST CENTRAL PINAL COUNTY...
AT 554 PM MST...WEATHER RADAR DETECTED SEVERAL SEVERE THUNDERSTORMS
NEAR SACATON...MOVING NORTH AT 7 MPH. IT IS LIKELY THAT 60 MPH WIND
GUSTS WERE ASSOCIATED WITH THIS STORM...ALONG WITH INTENSE RAINFALL.
THUNDERSTORMS WILL LIKELY CONTINUE TO EXPAND...PERHAPS TOWARD THE
SAN TAN VALLEY...SUN LAKES...AND NEAR QUEEN CREEK. STORMS WILL BE
MONITORED IN THE EVENT ADDITIONAL SEVERE THUNDERSTORM WARNINGS ARE
LIKELY.
OTHER LOCATIONS IN THE WARNING INCLUDE BUT ARE NOT LIMITED TO
STANFIELD...SAN TAN VALLEY...SACATON...SAN TAN MOUNTAIN
PARK...BAPCHULE...OLBERG...MARICOPA...SANTAN AND AK-CHIN VILLAGE
PRECAUTIONARY/PREPAREDNESS ACTIONS...
REPORT SEVERE WEATHER TO THE NEAREST LAW ENFORCEMENT AGENCY. THEY
WILL RELAY YOUR REPORT TO THE NATIONAL WEATHER SERVICE FORECAST
OFFICE.
&&
LAT...LON 3311 11216 3320 11152 3290 11148 3277 11214
TIME...MOT...LOC 0101Z 148DEG 14KT 3291 11174
$$
HV

NWUS55 KPSR 270105

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LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
605 PM MST MON AUG 26 2013
..TIME...   ...EVENT...      ...CITY LOCATION...     ...LAT.LON...
..DATE...   ....MAG....      ..COUNTY LOCATION..ST.. ...SOURCE....
            ..REMARKS..
0603 PM     DUST STORM       4 SSE TUMBLEWEED PARK   33.22N 111.80W
08/26/2013                   MARICOPA           AZ   TRAINED SPOTTER
            VISIBILITY LESS THAN 100 FEET.
&&
EVENT NUMBER PSR1300147
$$
MB


WWUS85 KPSR 270117
AWWPHX
AZZ023-270330-
AIRPORT WEATHER WARNING FOR SKY HARBOR AIRPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
617 PM MST MON AUG 26 2013
...AIRPORT WEATHER WARNING FOR SKY HARBOR AIRPORT IN EFFECT UNTIL
815 PM MST...
THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED AN AIRPORT WEATHER
WARNING FOR SKY HARBOR AIRPORT FOR STRONG GUSTY WINDS.
STRONG OUTFLOWS FROM THUNDERSTORMS ACROSS MARICOPA AND PINAL COUNTIES
WILL GENERATE GUSTY WINDS UP TO 35 KNOTS FROM THE SOUTH AND SOUTH-
SOUTHEAST FOR THE AIRPORT OVER THE NEXT HOUR OR SO. THERE IS A
CONTINUED CHANCE FOR ISOLATED THUNDERSTORM DEVELOPMENT IN THE
VICINITY OF THE AIRPORT THROUGH THE EVENING...WHICH COULD LEAD TO
ADDITIONAL STRONG GUSTY WINDS.
BLOWING DUST WITH REDUCED VISIBILITY TO 3 MILES IS ALSO POSSIBLE.
$$


NWUS55 KPSR 270119
LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
619 PM MST MON AUG 26 2013
..TIME...   ...EVENT...      ...CITY LOCATION...     ...LAT.LON...
..DATE...   ....MAG....      ..COUNTY LOCATION..ST.. ...SOURCE....
            ..REMARKS..
0618 PM     DUST STORM       1 SE AHWATUKEE          33.31N 111.99W
08/26/2013                   MARICOPA           AZ   TRAINED SPOTTER
            VISIBILITY ONE QUARTER MILE
&&
EVENT NUMBER PSR1300148
$$
MB


NWUS55 KPSR 270128
LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
628 PM MST MON AUG 26 2013
..TIME...   ...EVENT...      ...CITY LOCATION...     ...LAT.LON...
..DATE...   ....MAG....      ..COUNTY LOCATION..ST.. ...SOURCE....
            ..REMARKS..
0627 PM     TSTM WND GST     4 SSE TUMBLEWEED PARK   33.22N 111.80W
08/26/2013  M62 MPH          MARICOPA           AZ   TRAINED SPOTTER
```

&&
EVENT NUMBER PSR1300149
$$
MB

NWUS55 KPSR 270135
LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
635 PM MST MON AUG 26 2013

```
..TIME...   ...EVENT...      ...CITY LOCATION...     ...LAT.LON...
..DATE...   ....MAG....      ..COUNTY LOCATION..ST.. ...SOURCE....
            ..REMARKS..
0634 PM     HAIL             4 SSE TUMBLEWEED PARK   33.22N 111.80W
08/26/2013  E0.25 INCH       MARICOPA           AZ   TRAINED SPOTTER
            HAIL COVERING THE GROUND.
```

&&
EVENT NUMBER PSR1300150
$$
MB

WWUS85 KPSR 270148
AWWPHX
AZZ023-270400-
AIRPORT WEATHER WARNING FOR SKY HARBOR AIRPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
648 PM MST MON AUG 26 2013
...AIRPORT WEATHER WARNING FOR SKY HARBOR AIRPORT IN EFFECT UNTIL
845 PM MST...
THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED AN AIRPORT WEATHER
WARNING FOR SKY HARBOR AIRPORT DUE TO OBSERVED LIGHTNING WITHIN
10 MILES OF THE AIRPORT. THUNDERSTORM ACTIVITY IS EXPECTED TO LAST
FOR THE NEXT FEW HOURS ACROSS THE PHOENIX METRO...CONTINUING THE
THREAT FOR LIGHTNING NEAR THE AIRPORT.
THIS IS THE SECOND AIRPORT WEATHER WARNING IN EFFECT FOR SKY HARBOR
DUE TO STRONG GUSTY WINDS AND BLOWING DUST.
$$

WWUS55 KPSR 270150
SVSPSR
SEVERE WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
650 PM MST MON AUG 26 2013
AZC013-021-270200-
/O.CON.KPSR.SV.W.0036.000000T0000Z-130827T0200Z/
PINAL AZ-MARICOPA AZ-
650 PM MST MON AUG 26 2013
...A SEVERE THUNDERSTORM WARNING REMAINS IN EFFECT UNTIL 700 PM MST
FOR CENTRAL MARICOPA AND NORTH CENTRAL PINAL COUNTIES INCLUDING
PARTS OF CENTRAL AND SOUTHEAST PHOENIX...
AT 638 PM MST...SEVERE THUNDERSTORMS CAPABLE OF PRODUCING DAMAGING
WINDS IN EXCESS OF 60 MPH WERE STILL DEVELOPING IN TEMPE...
NEAR SKY HARBOR AIRPORT...AND NEAR AHWATUKEE. THESE STORMS WERE
MOVING NORTHWEST AT 15 MPH.
INTENSE RAINFALL WILL FOLLOW WITH FLOODING POSSIBLE.
PRECAUTIONARY/PREPAREDNESS ACTIONS...
REPORT SEVERE WEATHER TO THE NEAREST LAW ENFORCEMENT AGENCY. THEY
WILL RELAY YOUR REPORT TO THE NATIONAL WEATHER SERVICE FORECAST
OFFICE.
&&

LAT...LON 3321 11189 3329 11190 3333 11173 3320 11160
TIME...MOT...LOC 0147Z 143DEG 14KT 3335 11190
$$
HV

WWUS55 KPSR 270202
SVSPSR
SEVERE WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
702 PM MST MON AUG 26 2013
AZC013-021-270209-
/O.EXP.KPSR.SV.W.0036.000000T0000Z-130827T0200Z/
PINAL AZ-MARICOPA AZ-
702 PM MST MON AUG 26 2013
...THE SEVERE THUNDERSTORM WARNING FOR CENTRAL MARICOPA AND NORTH
CENTRAL PINAL COUNTIES WILL EXPIRE AT 700 PM MST...
THE SEVERE THUNDERSTORM WARNING ISSUED EARLIER FOR CHANDLER...
TEMPE...SKY HARBOR AIRPORT...AHWATUKEE...AND SURROUNDING METRO AREA
WAS ALLOWED TO EXPIRE. THUNDERSTORMS HAVE WEAKENED BELOW SEVERE
LIMITS AND ARE NOW PRODUCING HEAVY RAIN. THERE MAY BE A THREAT FOR
SEVERE WEATHER LATER THIS EVENING IN THE PHOENIX WEST VALLEY...AND
CONDITIONS WILL BE MONITORED.
REPORT SEVERE WEATHER TO THE NEAREST LAW ENFORCEMENT AGENCY. THEY
WILL RELAY YOUR REPORT TO THE NATIONAL WEATHER SERVICE FORECAST
OFFICE.
LAT...LON 3321 11189 3329 11190 3333 11173 3320 11160
TIME...MOT...LOC 0159Z 143DEG 14KT 3339 11193
$$
HV

NWUS55 KPSR 270224
LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
724 PM MST MON AUG 26 2013

..TIME...	...EVENT...	...CITY LOCATION...		...LAT.LON...
..DATE...	....MAG....	..COUNTY LOCATION	..ST..	...SOURCE....
	..REMARKS..			
0715 PM	TSTM WND DMG	2 NE GOODYEAR		33.44N 112.38W
08/26/2013		MARICOPA	AZ	TRAINED SPOTTER
	TREES UPROOTED			
0715 PM	HAIL	2 NE GOODYEAR		33.44N 112.38W
08/26/2013	E0.25 INCH	MARICOPA	AZ	TRAINED SPOTTER
	TREES UPROOTED			

&&
EVENT NUMBER PSR1300151
EVENT NUMBER PSR1300152
$$
MB

WWUS55 KPSR 270236
SVSPSR
SEVERE WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
736 PM MST MON AUG 26 2013
AZC013-270245-
/O.CON.KPSR.SV.W.0037.000000T0000Z-130827T0245Z/
MARICOPA AZ-
736 PM MST MON AUG 26 2013
...A SEVERE THUNDERSTORM WARNING FOR THE AREA AROUND BUCKEYE...

AVONDALE...LUKE AIR FORCE BASE...AND GOODYEAR REMAINS IN EFFECT
UNTIL 745 PM MST FOR CENTRAL MARICOPA COUNTY...
AT 725 PM MST...SEVERE THUNDERSTORMS HAVE DIMINISHED IN NUMBER...
WITH THE STRONGEST STORM AT THIS TIME NEAR BUCKEYE. STRONG WINDS TO
NEAR 60 MPH...FOLLOWED BY EXTREMELY HEAVY RAIN IS STILL POSSIBLE.
THERE WERE REPORTS OF MANY TREES DOWNED AROUND DYSART ROAD AND
INTERSTATE 10.
PRECAUTIONARY/PREPAREDNESS ACTIONS...
REPORT SEVERE WEATHER TO THE NEAREST LAW ENFORCEMENT AGENCY. THEY
WILL RELAY YOUR REPORT TO THE NATIONAL WEATHER SERVICE FORECAST
OFFICE.
&&
LAT...LON 3331 11288 3363 11245 3347 11218 3305 11260
TIME...MOT...LOC 0234Z 132DEG 16KT 3355 11248
$$
HV

WWUS75 KPSR 270241
NPWPSR
URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
741 PM MST MON AUG 26 2013
AZZ023-270345-
/O.CAN.KPSR.DS.W.0007.000000T0000Z-130827T0300Z/
GREATER PHOENIX AREA-
INCLUDING THE CITIES OF...MESA...PHOENIX
741 PM MST MON AUG 26 2013
...DUST STORM WARNING IS CANCELLED FOR THE GREATER PHOENIX AREA...
THE NATIONAL WEATHER SERVICE IN PHOENIX HAS CANCELLED THE DUST
STORM WARNING.
A LARGE DUST STORM ROLLED THROUGH THE GREATER PHOENIX AREA FROM THE
SOUTH BETWEEN 6 PM AND 7 PM WITH NUMEROUS REPORTS OF 1/4 VISIBILITY
OR LESS.
THE DUST THINNED CONSIDERABLY AFTER 715 PM AND...NO LONGER POSSES A
THREAT TO MOTORISTS.
$$
VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

WWUS55 KPSR 270244
SVSPSR
SEVERE WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
744 PM MST MON AUG 26 2013
AZC013-270253-
/O.EXP.KPSR.SV.W.0037.000000T0000Z-130827T0245Z/
MARICOPA AZ-
744 PM MST MON AUG 26 2013
...THE SEVERE THUNDERSTORM WARNING FOR CENTRAL MARICOPA COUNTY...
INCLUDING THE TOWNS OF BUCKEYE...AVONDALE...LITCHFIELD PARK...
AND GOODYEAR WILL EXPIRE AT 745 PM MST...
ALTHOUGH THUNDERSTORMS CONTINUED IN THE AREA AT 743 PM...THEY WERE
BELOW SEVERE LIMITS.
REPORT SEVERE WEATHER TO THE NEAREST LAW ENFORCEMENT AGENCY. THEY
WILL RELAY YOUR REPORT TO THE NATIONAL WEATHER SERVICE FORECAST
OFFICE.
LAT...LON 3331 11288 3363 11245 3347 11218 3305 11260
TIME...MOT...LOC 0243Z 132DEG 16KT 3358 11252
$$
HV

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NWUS55 KPSR 270344
LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
844 PM MST MON AUG 26 2013
..TIME...   ...EVENT...      ...CITY LOCATION...     ...LAT.LON...
..DATE...   ....MAG....      ..COUNTY LOCATION..ST.. ...SOURCE....
            ..REMARKS..
0735 PM     TSTM WND GST     BUCKEYE                 33.38N 112.60W
08/26/2013  M68 MPH          MARICOPA           AZ   MESONET
            BUCKEYE AIRPORT MESONET WIND. SUSTAINED 43 GUST TO 68
            MPH AT 735 PM MST.
&&
EVENT NUMBER PSR1300154
$$
HV


NWUS55 KPSR 270417
LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
917 PM MST MON AUG 26 2013
..TIME...   ...EVENT...      ...CITY LOCATION...     ...LAT.LON...
..DATE...   ....MAG....      ..COUNTY LOCATION..ST.. ...SOURCE....
            ..REMARKS..
0535 PM     NON-TSTM WND DMG TEMPE                   33.39N 111.93W
08/26/2013                   MARICOPA           AZ   BROADCAST MEDIA
            LARGE TREE DOWNED ON TOP OF 3 ADJACENT PARKED CARS. CAR
            ROOFS CAVED IN. DAMAGED OCCURED AT AN APARTMENT COMPLEX
            LOCATED AT KYRENE AND ELLOIT ROADS IN TEMPE.
&&
EVENT NUMBER PSR1300155
$$
HV


WWUS55 KPSR 270445
SVSPSR
SEVERE WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
945 PM MST MON AUG 26 2013
AZC012-013-270452-
/O.EXP.KPSR.SV.W.0038.000000T0000Z-130827T0445Z/
LA PAZ AZ-MARICOPA AZ-
945 PM MST MON AUG 26 2013
...THE SEVERE THUNDERSTORM WARNING FOR NORTHWESTERN MARICOPA AND EAST
CENTRAL LA PAZ COUNTIES...INCLUDING THE TOWN OF AGUILA...WILL EXPIRE
AT 945 PM MST...
STRONG THUNDERTORMS MOVED THROUGH THE AGUILA AREA...BUT AT 945 PM
THE STORMS HAVE MOVED INTO THE REMOTE DESERT AND MOUNTAIN AREAS OF
SOUTHWEST YAVAPAI COUNTY.
THE THREAT FOR SEVERE THUNDERSTORMS AROUND THE AGUILA AREA IS OVER.
REPORT SEVERE WEATHER TO THE NEAREST LAW ENFORCEMENT AGENCY. THEY
WILL RELAY YOUR REPORT TO THE NATIONAL WEATHER SERVICE FORECAST
OFFICE.
LAT...LON 3401 11332 3401 11299 3389 11291 3370 11330
      3399 11352 3415 11333 3414 11333
TIME...MOT...LOC 0442Z 148DEG 11KT 3402 11318
$$
HV
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NWUS55 KPSR 270523
LSRPSR
PRELIMINARY LOCAL STORM REPORT...CORRECTED
NATIONAL WEATHER SERVICE PHOENIX AZ
1023 PM MST MON AUG 26 2013
..TIME...   ...EVENT...      ...CITY LOCATION...     ...LAT.LON...
..DATE...   ....MAG....      ..COUNTY LOCATION..ST.. ...SOURCE....
            ..REMARKS..
0535 PM     TSTM WND DMG     TEMPE                   33.39N 111.93W
08/26/2013                   MARICOPA           AZ   BROADCAST MEDIA
            LARGE TREE DOWNED ON TOP OF 3 ADJACENT PARKED CARS. CAR
            ROOFS CAVED IN. DAMAGED OCCURED AT AN APARTMENT COMPLEX
            LOCATED AT KYRENE AND ELLOIT ROADS IN TEMPE.
&&
CORRECTED EVENT
EVENT NUMBER PSR1300155
$$
NOLTE


NWUS55 KPSR 270550
LSRPSR
PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE PHOENIX AZ
1050 PM MST MON AUG 26 2013
..TIME...   ...EVENT...      ...CITY LOCATION...     ...LAT.LON...
..DATE...   ....MAG....      ..COUNTY LOCATION..ST.. ...SOURCE....
            ..REMARKS..
1040 PM     FLOOD            WICKENBURG              33.97N 112.75W
08/26/2013                   MARICOPA           AZ   TRAINED SPOTTER
            SOLS WASH AT THE UNBRIDGED CROSSING AT VULTURE MINE
            ROAD IS FLOWING 2 FEET DEEP... BUT CONTAINED.
&&
EVENT NUMBER PSR1300156
$$
HV
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APPENDIX C

NOTICE OF PUBLIC COMMENT PERIOD