

### MONDAY, AUGUST 22, 2022 – 5 AM WEATHER FORECAST

Fog throughout the Dayton area is all that remains after the eventful Sunday we had that included 1.3" of rain here at NCR, strong straight line winds and a tornado warning 4 miles to our NE that was picked up by radar but never actually touched down. The good news is that the surface low pressure and mid - level trough are picking up and leaving the Ohio Valley later on today, but not before generating one last chance for scattered showers across the region this afternoon as winds have shifted over to the NW ushering in cooler, dry air into the area keeping our afternoon highs very comfortable today and tomorrow as a high pressure builds out to our west. For Tuesday, winds will shift more WNW warming temps a degree or two while the continued pumping of dry air into the region removes any chances for showers and storms the rest of the week before a shortwave attempts to enter into the Ohio Valley late Friday afternoon resulting in the chance for showers and storms late Friday and Saturday as diurnal convection due to daytime heating attempts to increase instability across the southern part of Ohio.

TIME	MON 5 AM	MON 8 AM	MON 11 AM	MON 2 PM	MON 5 PM	MON 8 PM	MON NGT	TUE 8 AM	TUE 11 AM	TUE 2 PM	TUE 5 PM	TUE 8 PM	TUE NGT
WEATHER	FOG	FOG?											
TEMPS	63°	65°	72°	78°	80°	75°	62°	64°	74°	81°	80°	72°	61°
ET RATE			.14"					.16"					
WIND DIR	NW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	
WIND SPEED	3 - 6	4 - 8	5 - 10	6 - 12	5 - 10	4 - 8	3 - 6	3 - 6	3 - 6	4 - 8	4 - 8	3 - 6	LIGHT
WIND GUSTS	6 - 9	8 - 12	10 - 15	12 - 18	10 - 15	8 - 12	6 - 9	6 - 9	6 - 9	8 - 12	8 - 12	6 - 9	
PRECIP	20%	20%	0%	20%	20%	20%	0%	0%	0%	0%	0%	0%	0%
THUNDER	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
AMOUNT													
IMPACT	MEDIUM	LOW	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
TIME	WED AM	WED PM	WED NGT	THU AM	THU PM	THU NGT	FRI AM	FRI PM	FRI NGT	SAT AM	SAT PM	SAT NGT	SUN 8/28
WEATHER													
TEMPS		84°	64°		86°	61°		81°	61°		84°	61°	86°
ET RATE		.18"		.18"			.18"			.18"			.18"
WIND DIR					SW → NW		NW	NW → NE	NE	NE → E	E	E → ESE	ESE
WIND SPEED	LIGHT	LIGHT	LIGHT	LIGHT	3 - 6	LIGHT	3 - 6	5 - 10	4 - 8	4 - 8	4 - 8	4 - 8	5 - 10
WIND GUSTS					6 -		6 - 9	10 - 15	8 - 12	8 - 12	8 - 12	8 - 12	10 - 15
PRECIP	0%	0%	0%	0%	0%	0%	20%	40%	20%	20%	40%	20%	20%
THUNDER	0%	0%	0%	0%	0%	0%	20%	40%	20%	20%	40%	20%	20%
AMOUNT													
IMPACT	NONE	NONE	NONE	NONE	NONE	NONE	LOW	MEDIUM	LOW	LOW	MEDIUM	LOW	LOW
AVERAGE HIGH / LOW			84° / 64°		RECORD HIGH / LOW		101° / 47°		SUNRISE / SUNSET		6:56 AM / 8:25 PM EDT		