

Fire Weather Planning Forecast For Northern IL and Northwest IN
National Weather Service Chicago/Romeoville IL
457 AM CDT Tue Jun 25 2024

FDRA-1 Eastern Plains

.DISCUSSION...

An active period of weather with multiple rounds of thunderstorms capable of producing damaging winds and flooding is expected through tonight. A dry period with seasonable temperatures will follow Wednesday and Thursday before another period of thunderstorms with heavy rain is expected Friday into Saturday.

MIDWIN NATIONAL TALLGRASS PRAIRIE

WILL COUNTY: cities of Joliet, Bolingbrook, and Wilmington

	Today	Tonight	Wed	Wed Night
Cloud Cover	pcldy	mcldy	pcldy	clear
Precip Type	tstms	tstms	tstms	None
Chance Precip (%)	60	70	30	
Max Temp (24HR Trend)	90 (+3)		84	
Min RH % (24HR Trend)	55 (+8)		51	
Min Temp (24HR Trend)		68 (-6)		58
Max RH % (24HR Trend)		99 (+23)		92
20FT Wind AM (MPH)	SW 10-15		NW 6-10	
20FT Wind PM (MPH)	W 10-15	W 5-6	N 6-10	Lgt/Var
Peak Wind Gusts (MPH)	27		17	
Precip Amount (IN)	0.25-0.50	0.25-0.50	0.01-0.05	0.00
11 AM Mixing Hgt (FT)	2100		3000	
Max Mixing Hgt (FT)	4100		5200	
Transport Wnd (MPH)	W 21		N 14	
Vent Rate (MPH-FT)	86600		66700	
Vent Rate Category	good		fair	
LAL	4	4	3	1
Haines Index	5-Med		5-Med	

.FORECAST FOR DAYS 3 THROUGH 7...

(WINDS ARE 20 FT LEVEL)

.THURSDAY...Sunny. Highs in the upper 70s. Northeast winds around 5 mph.

.THURSDAY NIGHT...Mostly cloudy. Lows in the lower 60s. East winds around 5 mph.

.FRIDAY...Mostly cloudy with a chance of thunderstorms. Showers likely in the afternoon. Highs in the lower 80s. Southeast winds around 10 mph.

.FRIDAY NIGHT...Mostly cloudy with thunderstorms likely. Lows around 70. South winds around 10 mph.

.SATURDAY...Mostly cloudy in the morning, subsiding to mostly sunny. A chance of thunderstorms. Highs in the upper 80s.

Southwest winds around 10 mph.

.SATURDAY NIGHT...Mostly clear. Lows in the lower 60s. Northwest winds around 5 mph.

.SUNDAY...Sunny. Highs in the upper 70s. North winds 5 to 10 mph.

.SUNDAY NIGHT...Mostly clear. Lows in the mid 50s. Northeast winds around 5 mph.

.MONDAY...Mostly sunny. Highs around 80. East winds 5 to 10 mph.

.MONDAY NIGHT...Partly cloudy. A chance of thunderstorms after midnight. Warmer. Lows in the upper 60s. Southeast winds around 10 mph.

FDRA #1 EASTERN PLAINS	
FORECAST FIRE DANGER RATING	LOW
FORECAST PREPAREDNESS LEVEL	1
FORECAST STAFFING LEVEL	1
FORECAST RESPONSE LEVEL	2

FIRE WEATHER PLANNING FORECAST
 NATIONAL WEATHER SERVICE PADUCAH KY
 330 AM CDT Tue Jun 25 2024

FDRA-2 Southern Forest

.DISCUSSION...

Southwest winds will bring the heat and humidity back across the entire region today. A chance of thunderstorms will increase from late tonight through Wednesday when a cold front passes. It will be dry Thursday, then south winds return Friday and the humidity and thunderstorm chances return Saturday and Sunday.

**MISSISSIPPI BLUFFS RANGER DISTRICT/CRAB ORCHARD NWR/CYPRESS CREEK NWR
 JACKSON-WILLIAMSON-UNION-JOHNSON-ALEXANDER-PULASKI**

	Today	Tonight	Wed
Cloud Cover	Mclear	Pcldy	Pcldy
Precip Type	Tstms	Tstms	Tstms
Chance Precip (%)	20	50	70
High Temperature (F)	95-99		84-88
Minimum RH(%)	42-47		63-68
Low Temperature (F)		69-73	
Maximum RH(%)		95-100	
Temp (24h trend)	98 (+6)	71 (-1)	88
RH % (24h trend)	45 (-4)	97 (+10)	66
Wind 20ft/early(mph)	SW 3-7 G17	Lgt/Var	Lgt/Var
Wind 20ft/late(mph)	SW 4-8 G18	Lgt/Var	NW 4-8
Precip Amount	0.18	0.26	0.25
Precip Duration	0	2	6
Precip Begin	4 PM	Continuing	Continuing
Precip End	Continuing	Continuing	Continuing
Mixing Hgt(m-agl/msl)	1740		1060
Mixing Hgt(ft-agl/msl)	5720		3490
1700`Mix Hgt Temp	89		84
Transport Wnd (kts)	SW 12		NW 12
Transport Wnd (m/s)	SW 6		NW 6
Vent Rate (m/s-m)	10440		6360
Dispersion Index	Good		Fair
LAL	2	3	4
Haines Index	5	4	4
DSI	SLGT UNSTBL		SLGT UNSTBL

Remarks...None.

.FORECAST FOR DAYS 3 THROUGH 7...

.THURSDAY...Mostly clear. Lows in the upper 60s. Highs in the upper 80s. North winds around 5 mph.

.FRIDAY...Partly cloudy. Lows in the upper 60s. Highs in the lower 90s. Light winds.

.SATURDAY...Partly cloudy. A chance of showers and thunderstorms. Lows in the upper 70s. Highs in the mid 90s. Southwest winds 5 to 10 mph.

.SUNDAY...Mostly cloudy. A chance of showers and thunderstorms. Lows in the mid 70s. Highs in the upper 80s. North winds 5 to 10 mph.

.MONDAY...Mostly clear. Lows in the upper 60s. Highs around 90. East winds 5 to 10 mph.

FDRA #2 SOUTHERN FOREST	
FORECAST FIRE DANGER RATING	HIGH
FORECAST PREPAREDNESS LEVEL	4
FORECAST STAFFING LEVEL	5
FORECAST RESPONSE LEVEL	3

FIRE WEATHER PLANNING FORECAST
 NATIONAL WEATHER SERVICE PADUCAH KY
 330 AM CDT Tue Jun 25 2024

FDRA-2 Southern Forest

.DISCUSSION...

Southwest winds will bring the heat and humidity back across the entire region today. A chance of thunderstorms will increase from late tonight through Wednesday when a cold front passes. It will be dry Thursday, then south winds return Friday and the humidity and thunderstorm chances return Saturday and Sunday.

**HIDDEN SPRINGS RANGER DISTRICT
 SALINE-GALLATIN-POPE-HARDIN-MASSAC**

	Today	Tonight	Wed
Cloud Cover	Mclear	Pcldy	Pcldy
Precip Type	Tstms	Tstms	Tstms
Chance Precip (%)	20	50	70
High Temperature (F)	93-97		85-89
Minimum RH(%)	40-45		58-63
Low Temperature (F)		69-73	
Maximum RH(%)		88-93	
Temp (24h trend)	97 (+6)	71 (+1)	89
RH % (24h trend)	43 (+2)	91 (+2)	61
Wind 20ft/early(mph)	SW 3-7 G17	Lgt/Var	Lgt/Var
Wind 20ft/late(mph)	SW 4-8 G17	Lgt/Var	NW 3-7
Precip Amount	0.12	0.21	0.27
Precip Duration	0	1	6
Precip Begin	4 PM	10 PM	Continuing
Precip End	7 PM	Continuing	Continuing
Mixing Hgt(m-agl/msl)	1680		940
Mixing Hgt(ft-agl/msl)	5530		3070
1700`Mix Hgt Temp	88		84
Transport Wnd (kts)	SW 12		NW 11
Transport Wnd (m/s)	SW 6		NW 6
Vent Rate (m/s-m)	10080		5640
Dispersion Index	Good		Fair
LAL	2	3	4
Haines Index	4	4	4
DSI	SLGT UNSTBL		SLGT UNSTBL

Remarks...None.

.FORECAST FOR DAYS 3 THROUGH 7...

.THURSDAY...Mostly clear. Lows in the mid 60s. Highs in the upper 80s. North winds around 5 mph.

.FRIDAY...Partly cloudy. Lows in the mid 60s. Highs in the lower 90s. Light winds.

.SATURDAY...Partly cloudy. A chance of showers and thunderstorms. Lows in the mid 70s. Highs in the mid 90s. Southwest winds 5 to 10 mph.

.SUNDAY...Mostly cloudy. A chance of showers and thunderstorms. Lows in the lower 70s. Highs in the upper 80s. North winds 5 to 10 mph.

.MONDAY...Mostly clear. Lows in the mid 60s. Highs around 90. East winds around 5 mph.

FDRA #2 SOUTHERN FOREST	
FORECAST FIRE DANGER RATING	HIGH
FORECAST PREPAREDNESS LEVEL	4
FORECAST STAFFING LEVEL	5
FORECAST RESPONSE LEVEL	3

Fire Weather Planning Forecast for Central/Southeast Illinois
National Weather Service Lincoln IL
410 AM CDT Tue Jun 25 2024

FDRA-3 Western Plains

.DISCUSSION...

Scattered thunderstorms will develop across central Illinois today...particularly along/north of I-72. Storms will become more widespread across the entire area tonight, then will gradually shift southward into the Ohio River Valley by Wednesday afternoon.

**Knox-Stark-Peoria-Marshall-Woodford-Fulton-Tazewell-Schuyler-Mason
Including the cities of Galesburg, Toulon, Peoria, Lacon, Eureka,
Canton, Pekin, Rushville, and Havana**

	Today	Tonight	Wed
Cloud Cover	Pcldy	Mcldy	Pcldy
Precip Type	Tstms	Tstms	Tstms
Chance Precip (%)	50	80	30
Temp (24h trend)	93 (+3)	68 (-3)	85
RH % (24h trend)	49 (+1)	100 (+17)	51
Wind 20ft/early(mph)	SW 10 G20	SW 5	NW 5
Wind 20ft/late(mph)	SW 10 G20	NW 5	N 7
Precip Amount	0.22	0.83	0.10
Precip Duration	3	9	2
Precip Begin	8 AM	Continuing	Continuing
Precip End	Continuing	Continuing	1 PM
Mixing Hgt(ft-agl)	3710		4880
1700ft Mixing Temp	88		76
Transport Wnd (mph)	SW 21		N 16
Vent Rate (mph-ft)	77910		78080
Vent Rate Category	Good		Good
LAL	3	5	4
Haines Index	4	4	4

Remarks...None.

.FORECAST FOR DAYS 3 THROUGH 7...

.THURSDAY...Mostly clear. Lows in the lower 60s. Highs in the lower 80s. Minimum RH 51 percent. Northeast winds around 5 mph.

.FRIDAY...Mostly cloudy with a chance of thunderstorms. Lows in the mid 60s. Highs in the mid 80s. Minimum RH 64 percent. East winds around 5 mph.

.SATURDAY...Mostly cloudy. Thunderstorms likely. Lows in the

lower 70s. Highs in the upper 80s. Minimum RH 64 percent. West winds 10 to 15 mph.

.SUNDAY...Partly cloudy. Lows in the lower 60s. Highs in the lower 80s. Minimum RH 52 percent. North winds 5 to 10 mph.

.MONDAY...Partly cloudy. Lows in the upper 50s. Highs in the lower 80s. Minimum RH 54 percent. Southeast winds 5 to 10 mph.

FDRA #3 WESTERN PLAINS	
FORECAST FIRE DANGER RATING	LOW
FORECAST PREPAREDNESS LEVEL	1
FORECAST STAFFING LEVEL	1
FORECAST RESPONSE LEVEL	1