

FIRE WEATHER PLANNING FORECAST FOR THE HEARTLAND  
NATIONAL WEATHER SERVICE PADUCAH KY  
251 AM CST Thu Feb 9 2017

.DISCUSSION..

Gusty north winds will be the main impact today. Winds will slow overnight and become southerly Friday and gusty again. RH will remain relatively low until this weekend. Also rain chances will return this weekend...especially Sunday when our next cold front arrives. A strong inversion a few thousand feet above the surface will stay with us through the near term at the very least.

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

	TODAY	TONIGHT	WED
Cloud Cover	MClear	MClear	MClear
Precip Type	NONE	NONE	NONE
Chance Precip (%)	0	0	0
High Temperature(F)	30-34		52-56
Minimum RH(%)	31-36		39-44
Low Temperature(F)		24-28	
Maximum RH(%)		66-71	
Temp (24h Trend)	33 (-7)	26 (+29)	55
RH % (24h Trend)	34 (-31)	69 (-22)	42
20FTWND-AM(MPH)	NW 8-12 G19		S 10-14 G31
20FTWND-PM(MPH)	NW 5-9	Lgt/Var	S 14-18 G33
Precip Amount	0.00	0.00	0.00
Precip Duration			
Precip Begin			
Precip End			
1700`Mix Hgt Temp	28		45
Mixing Hgt(FT-AGL)	3701		2855
Transport Wind (KTS)	NW 9		SW 41
Transport Wind (M/S)	NW 5		SW 21
Vent Rate (M/S-M)	5640		18270
Dispersion Index	Fair		Very Good
LAL	1	1	1
Haines Index	3	3	4
Stability(DSI)	STBL	STBL	STBL

Remarks...None.

.Forecast for days 3 through 7...

.FRIDAY NIGHT...Partly cloudy. Lows in the upper 40s. Southwest winds 10 to 15 mph.

.SATURDAY...Mostly cloudy with a 20 percent chance of rain showers. Highs in the mid 60s. South winds 10 to 15 mph.

.SATURDAY NIGHT...Mostly cloudy with a 20 percent chance of rain showers. Lows in the mid 50s. Southwest winds 10 to 15 mph.

.SUNDAY...Mostly cloudy with rain showers likely and slight chance of thunderstorms. Highs in the lower 60s. West winds 5 to 15 mph shifting to the northwest in the afternoon.

.SUNDAY NIGHT...Mostly cloudy. Much colder. Lows in the mid 30s. North winds 5 to 15 mph.

.MONDAY...Mostly sunny. Cooler. Highs around 50. North winds 5 to 10 mph.

.MONDAY NIGHT...Mostly cloudy with a 40 percent chance of rain. Lows in the mid 30s. Northwest winds around 5 mph.

.TUESDAY...Partly sunny with a 40 percent chance of rain. Highs around 50. Northwest winds 5 to 10 mph.

.TUESDAY NIGHT...Partly cloudy. Lows in the mid 30s. Northwest winds 5 to 10 mph.

.WEDNESDAY...Mostly sunny. Highs in the upper 40s. North winds 5 to 10 mph.

TODAY'S STAFFING

DO: Div 84

Forecast Fire Danger: High

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NATIONAL WEATHER SERVICE PADUCAH KY  
251 AM CST Thu Feb 9 2017

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Gusty north winds will be the main impact today. Winds will slow overnight and become southerly Friday and gusty again. RH will remain relatively low until this weekend. Also rain chances will return this weekend...especially Sunday when our next cold front arrives. A strong inversion a few thousand feet above the surface will stay with us through the near term at the very least.

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

	TODAY	TONIGHT	WED
Cloud Cover	MClear	PCldy	MClear
Precip Type	NONE	NONE	NONE
Chance Precip (%)	0	0	0
High Temperature (F)	30-34		52-56
Minimum RH(%)	32-37		35-40
Low Temperature (F)		23-27	
Maximum RH(%)		67-72	
Temp (24h Trend)	34 (-6)	25 (+28)	55
RH % (24h Trend)	35 (-34)	70 (-21)	38
20FTWND-AM(MPH)	NW 8-12 G20		S 9-13 G27
20FTWND-PM(MPH)	NW 6-10 G19	Lgt/Var	SW 14-18 G33
Precip Amount	0.00	0.00	0.00
Precip Duration			
Precip Begin			
Precip End			
1700`Mix Hgt Temp	27		45
Mixing Hgt(FT-AGL)	3724		2946
Transport Wind (KTS)	NW 12		SW 41
Transport Wind (MPH)	NW 6		SW 21
Vent Rate (M/S-M)	6810		18858
Dispersion Index	Fair to Good		Very Good
LAL	1	1	1
Haines Index	4	3	4
Stability(DSI)	STBL	STBL	STBL

Remarks...None.

.Forecast for days 3 through 7...

.FRIDAY NIGHT...Partly cloudy. Lows in the upper 40s. Southwest winds 10 to 15 mph.

.SATURDAY...Mostly cloudy with a 30 percent chance of rain showers. Highs in the mid 60s. Southwest winds 10 to 15 mph.

.SATURDAY NIGHT...Mostly cloudy with a 50 percent chance of rain showers. Lows in the upper 50s. Southwest winds 10 to 15 mph.

.SUNDAY...Cloudy with chance of rain showers and slight chance of thunderstorms. Highs in the mid 60s. Northwest winds 5 to 15 mph.

.SUNDAY NIGHT...Mostly cloudy. Much colder. Lows in the mid 30s. North winds 5 to 15 mph.

.MONDAY...Mostly sunny. Cooler. Highs around 50. North winds 5 to 10 mph.

.MONDAY NIGHT...Mostly cloudy with a 20 percent chance of rain. Lows in the mid 30s. Northwest winds around 5 mph.

.TUESDAY...Partly sunny with a 40 percent chance of rain. Highs in the upper 40s. West winds 5 to 10 mph.

.TUESDAY NIGHT...Partly cloudy. Lows in the mid 30s. Northwest winds 5 to 10 mph.

.WEDNESDAY...Mostly sunny. Highs in the upper 40s. North winds 5 to 10 mph.

Today's Staffing

DO: Div 84

Forecast Fire Danger: High

FIRE WEATHER PLANNING FORECAST FOR THE HEARTLAND  
NATIONAL WEATHER SERVICE CHICAGO IL  
9:18 am CST Feb 9, 2017

**Today**

Sunny, with a high near 21. Wind chill values as low as -1. West northwest wind 5 to 15 mph, with gusts as high as 25 mph.

**Tonight**

Increasing clouds, with a low around 16. Light and variable wind becoming south 5 to 10 mph after midnight. Winds could gust as high as 15 mph.

**Friday**

Partly sunny, with a high near 42. Breezy, with a south southwest wind 15 to 20 mph, with gusts as high as 35 mph.

**Friday Night**

Mostly cloudy, with a low around 35. West southwest wind 5 to 15 mph, with gusts as high as 20 mph.

**Saturday**

Mostly cloudy, with a high near 52. Southwest wind around 5 mph becoming east northeast in the morning.

**Saturday Night**

Showers likely, mainly before midnight. Cloudy, with a low around 38. Chance of precipitation is 60%.

**Sunday**

A 50 percent chance of showers before noon. Mostly cloudy, with a high near 45.

**Sunday Night**

Mostly clear, with a low around 27.

**Monday**

Sunny, with a high near 44.

**Monday Night**

Partly cloudy, with a low around 29.

**Tuesday**

Mostly sunny, with a high near 43.

**Tuesday Night**

Partly cloudy, with a low around 27.

**Wednesday**

Mostly sunny, with a high near 38.