



CAN WE MAKE MORE CERTAIN DECISIONS FROM LESS CERTAINTY?

CERTAINLY!

“What are the weather conditions expected for Thursday?”

Here's everything...

Why??

“What are the best days this week for prescribed burn operations?”

I can help with that!

Thursday	Time:	9AM	10AM	11AM	12PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM
	Weather:	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀
	Temperature, °F:	61	68	73	75	79	80	80	81	79	77	75	70	66	64	64
	RH (%):	46	39	34	32	27	26	25	24	25	26	28	32	36	39	42
	Dewpoint, °F:	40	42	43	43	42	42	41	41	40	40	40	39	39	39	40
	Wind Speed (mph):	2	3	6	8	9	10	12	12	12	10	9	8	7	6	5
	Wind Gust (mph):	5	6	8	10	14	16	17	17	17	16	14	13	10	9	7
	Wind Direction (°):	20	120	130	140	140	150	150	150	150	150	150	160	160	130	60
	Wind Direction:	↙	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘
	Trans. Wind Speed (mph):	5	5	7	7	9	10	12	12	12	13	10	10	10	9	8
Trans. Wind Direction (°):	340	100	140	160	170	180	180	180	180	170	170	180	180	180	180	
Trans. Wind Direction:	↙	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	↖	
Prob. of Precip.:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

WEEKLY FORECAST: Potosi (35.9878, -115.5182)

Day	Today (1/16)	Tuesday (1/17)	Wednesday (1/18)	Thursday (1/19)	Friday (1/20)	Saturday (1/21)	Sunday (1/22)
Potosi	90-100%	80-90%	0-10%	30-40%	70-80%	0-10%	20-30%

Risk Level	None/Minimal	Moderate	High
	0-19% for Wind >= 20 mph AND/OR Minimum RH > 30%	20-50% for Wind >= 20 mph AND/OR Minimum RH ~ 21-29%	+50% for Wind >= 20 mph AND/OR Minimum RH < 20%

If your burn threshold for wind gusts is 20 mph, do you burn?

This type of forecast is called a “deterministic” forecast. How likely is it that 17 mph actually happens?



Recommendation to EMs
Don't just ask us what the weather will be, tell us what decisions you have to make.

We can help!

If your burn threshold for wind gusts is 20 mph, is Thursday the best day to burn?

The NWS can tailor forecast information specific to your decision thresholds, we just need to know what they are!