Decision Support Workshop: Agriculture and Weather Applications

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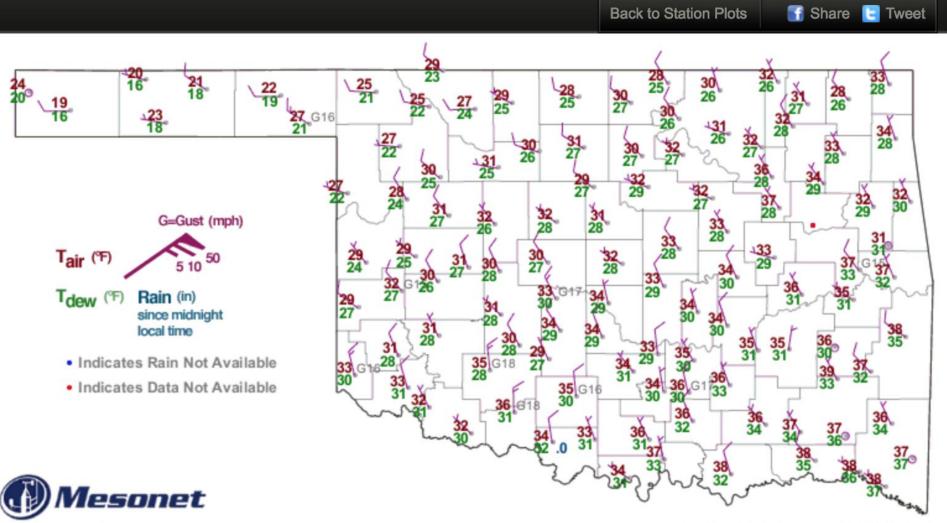
Oklahoma Mesonet Tower Locations





Current Conditions

Current Conditions

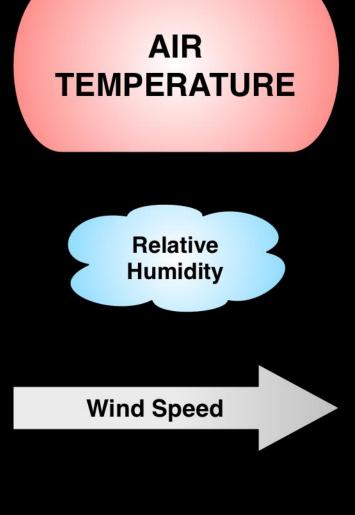


7:20 AM February 15, 2017 CST Created 7:24:21 AM February 15, 2017 CST. © Copyright 2017



CATTLE COMFORT Weather Variables

Solar Radiation



Cattle Comfort Advisor

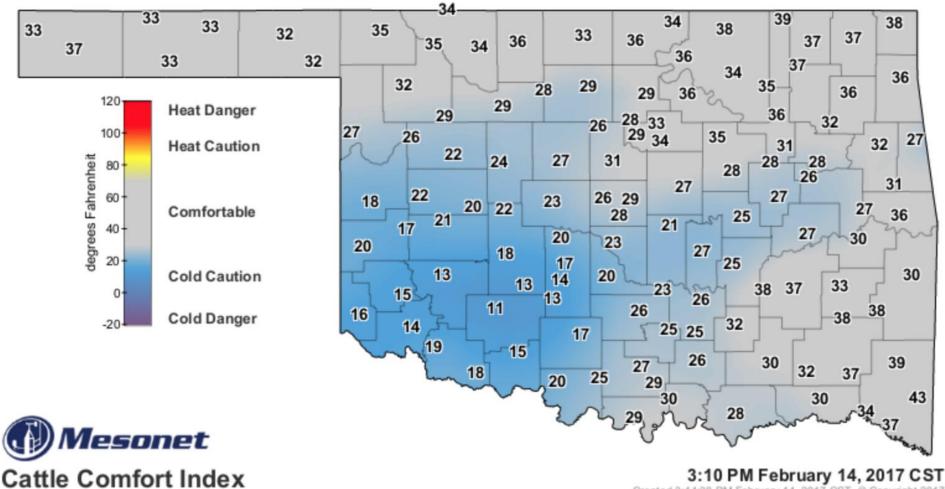
Forecast based on 12 pm CST NAM; NEXT forecast update expected 10 pm CST

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STATEWIDE MAPS

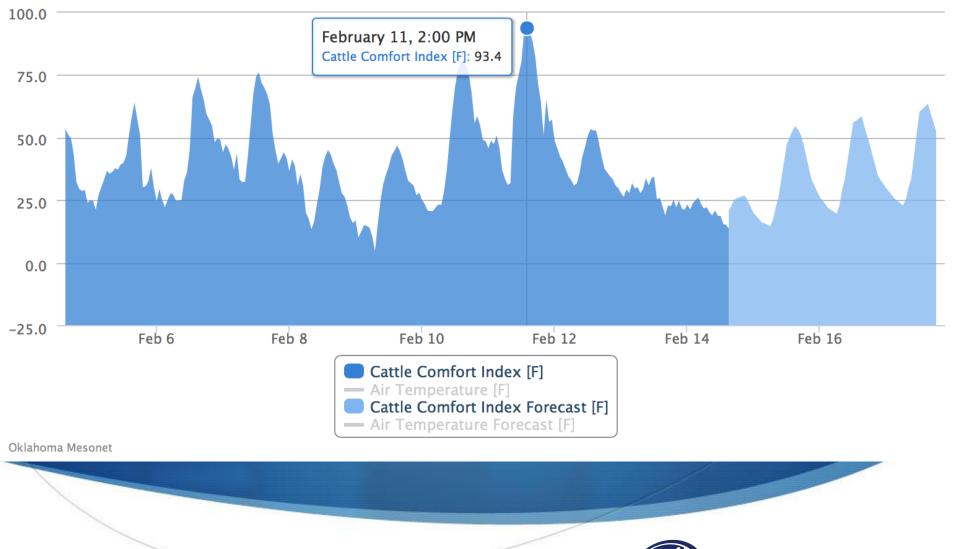
CURRENT MAP

CURRENT MAP



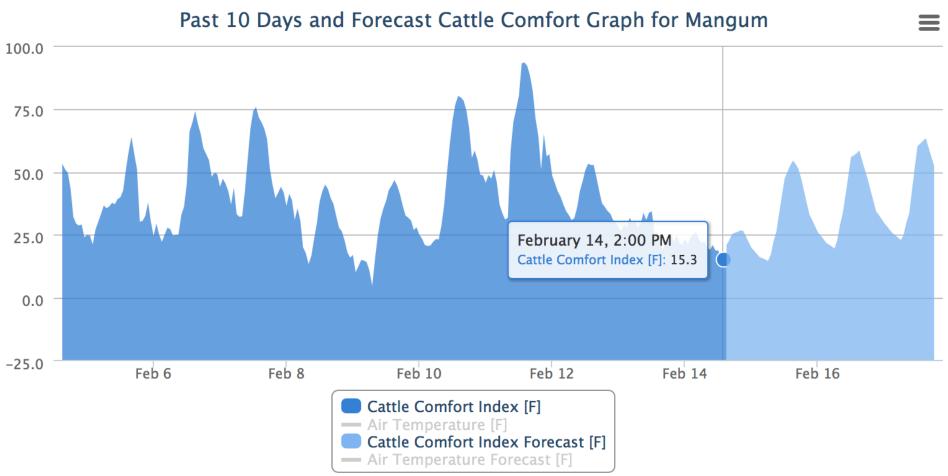
Created 3:14:38 PM February 14, 2017 CST. Copyright 2017

Past 10 Days and Forecast Cattle Comfort Graph for Mangum



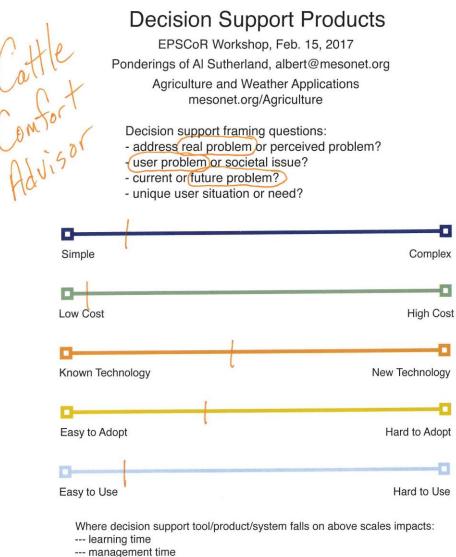


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Oklahoma Mesonet





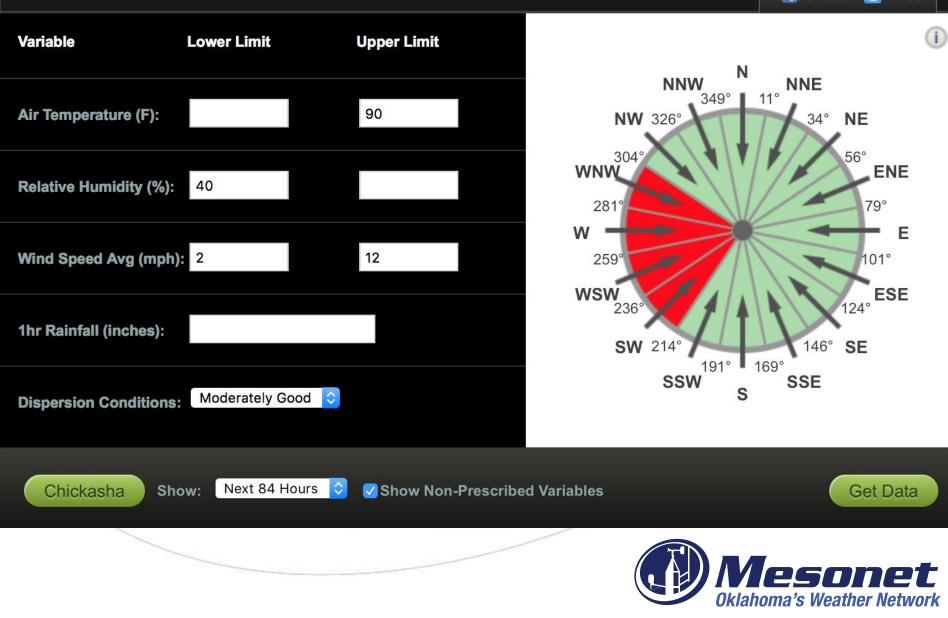
--- adoption time

Mesonet agriculture decision support products: Oklahoma and National Cattle Comfort, Drift Risk Advisor, wheat grazing termination, pest disease control, pest insect scouting, Irrigation scheduling, crop maturity.

DRIFT RISK ADVISOR

Drift Risk Advisor

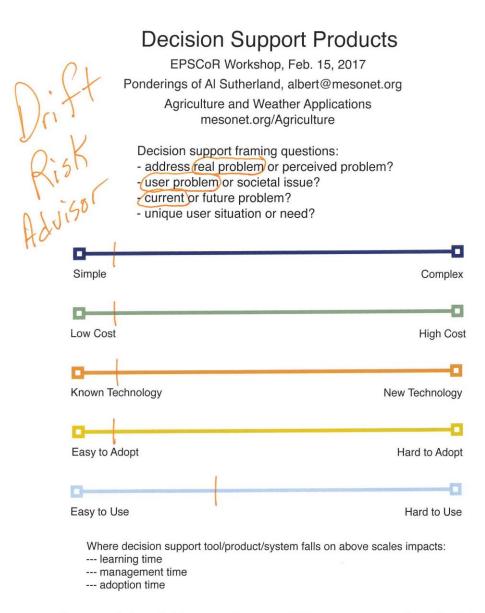
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Chickasha

Print Table

Date and Time	Criteria Met?	Wind Direction (10m)	Wind Direction (° at 10m)	Wind Speed (10m)	Air Temperature (1.5m)	Relative Humidity (1.5m)	Dispersion Conditions	Rainfall per Hour
Sep 18, 2016 6:00 pm CDT	Yes	S	178	6 mph	86 °F	59 %	4 (MG)	0.00 in.
Sep 18, 2016 7:00 pm CDT	No	SSE	166	5 mph	85 °F	64%	3 (MP)	0.00 in.
Sep 18, 2016 8:00 pm CDT	No	SSE	159	5 mph	82 °F	69 %	1 (VP)	0.00 in.
Sep 18, 2016 9:00 pm CDT	No	SSE	152	5 mph	80 °F	73 %	1 (VP)	0.00 in.
Sep 18, 2016 10:00 pm CDT	No	SE	144	5 mph	78 °F	78 %	1 (VP)	0.00 in.
Sep 18, 2016 11:00 pm CDT	No	SE	143	5 mph	76 °F	82 %	1 (VP)	0.00 in.
Sep 19, 2016 12:00 am CDT	No	SE	142	5 mph	75 °F	85 %	1 (VP)	0.00 in.
Sep 19, 2016 1:00 am CDT	No	SE	141	6 mph	73 °F	89 %	1 (VP)	0.00 in.
Sep 19, 2016 2:00 am CDT	No	SE	143	6 mph	72 °F	90 %	1 (VP)	0.00 in.
Sep 19, 2016 3:00 am CDT	No	SE	145	6 mph	71 °F	92 %	1 (VP)	0.00 in.
Sep 19, 2016 4:00 am CDT	No	SSE	147	6 mph	71 °F	94 %	1 (VP)	0.00 in.
Sep 19, 2016 5:00 am CDT	No	SSE	146	6 mph	70 °F	94 %	1 (VP)	0.00 in.
Sep 19, 2016 6:00 am CDT	No	SE	146	6 mph	69 °F	95 %	1 (VP)	0.00 in.
Sep 19, 2016 7:00 am CDT	No	SE	146	6 mph	69 °F	95 %	1 (VP)	0.00 in.
Sep 19, 2016 8:00 am CDT	No	SSE	155	6 mph	74 °F	85 %	3 (MP)	0.00 in.
Sep 19, 2016 9:00 am CDT	Yes	SSE	163	7 mph	78 °F	75 %	4 (MG)	0.00 in.
Sep 19, 2016 10:00 am CDT	Yes	SSE	169	7 mph	83 °F	64 %	5 (G)	0.00 in.
Sep 19, 2016 11:00 am CDT	Yes	S	171	7 mph	87 °F	59 %	5 (G)	0.00 in.
Sep 19, 2016 12:00 pm CDT	Yes	S	175	7 mph	90 °F	53 %	6 (EX)	0.00 in.
Sep 19, 2016 1:00 pm CDT	No	S	178	7 mph	94 °F	48 %	6 (EX)	0.00 in.
Sep 19, 2016 2:00 pm CDT	No	S	181	7 mph	95 °F	45 %	6 (EX)	0.00 in.
Sep 19, 2016 3:00 pm CDT	No	S	183	8 mph	96 °F	42 %	6 (EX)	0.00 in.
Sep 19, 2016 4:00 pm CDT	No	S	186	8 mph	97 °F	39 %	5 (G)	0.00 in.
Sep 19, 2016 5:00 pm CDT	No	S	179	7 mph	95 °F	43 %	4 (MG)	0.00 in.
Sep 19, 2016 6:00 pm CDT	No	S	170	6 mph	93 °F	47 %	4 (MG)	0.00 in.



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