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# From an Alien Crop Circle to a Microburst: The Unraveling of a Rare Sunflower Problem

Kelsie Egeland

NDSU Extension Agent, Emmons County

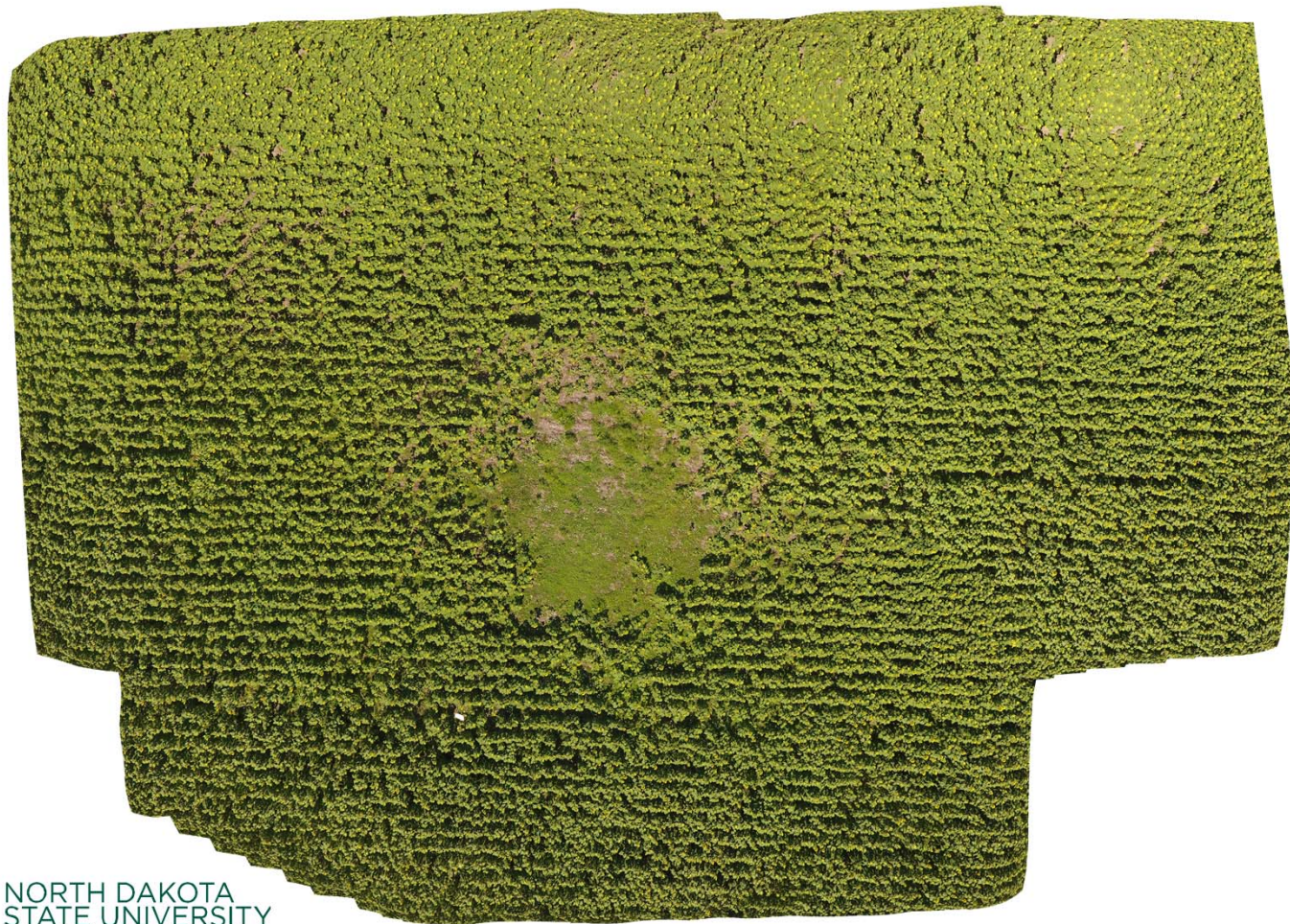
Sam Markell, Tom Gulya, Hans Kandel, Daryl Ritchison, Max Dietrich and John Nowatzki











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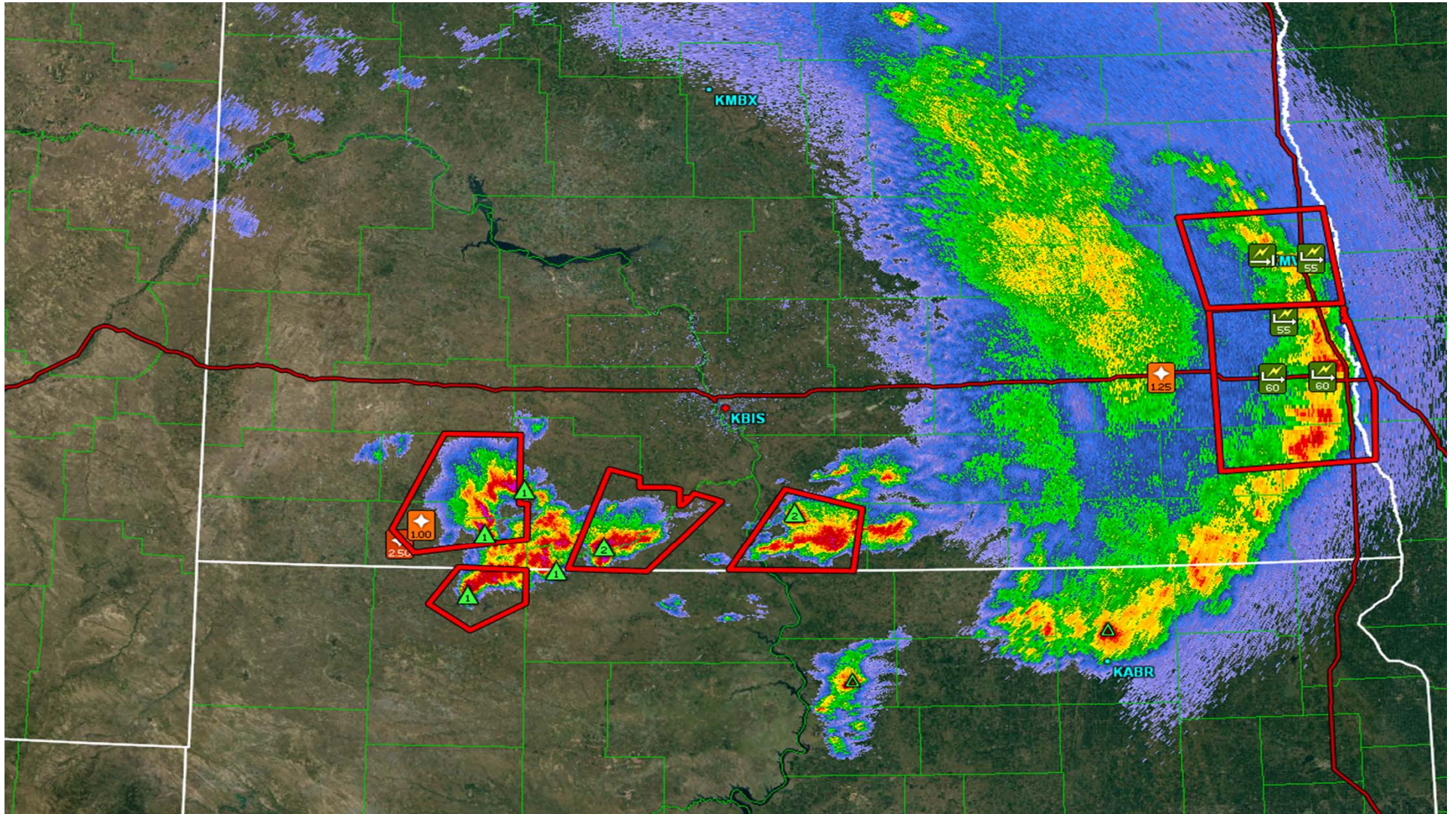
10/12/2016

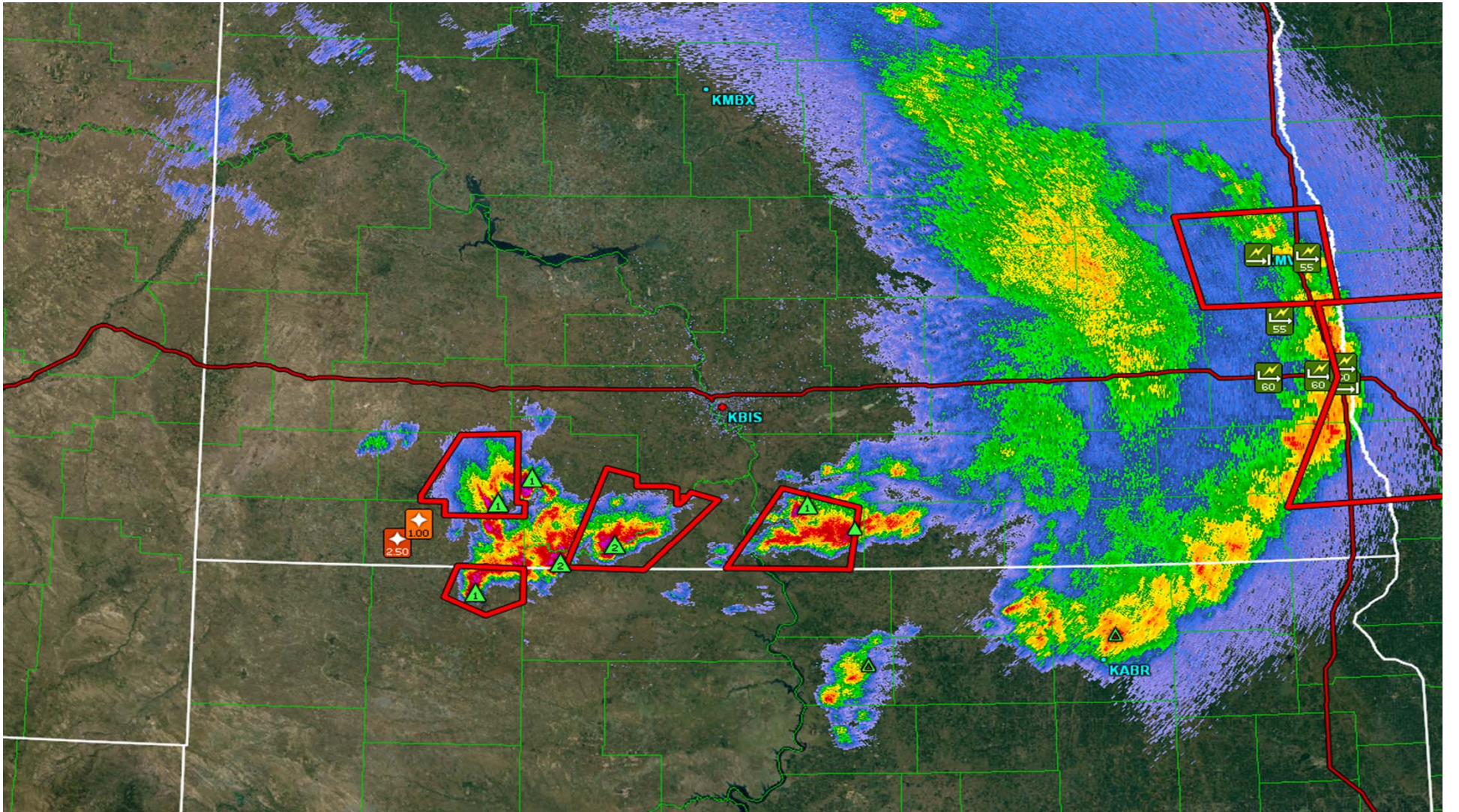
## NDAWN Monthly Report

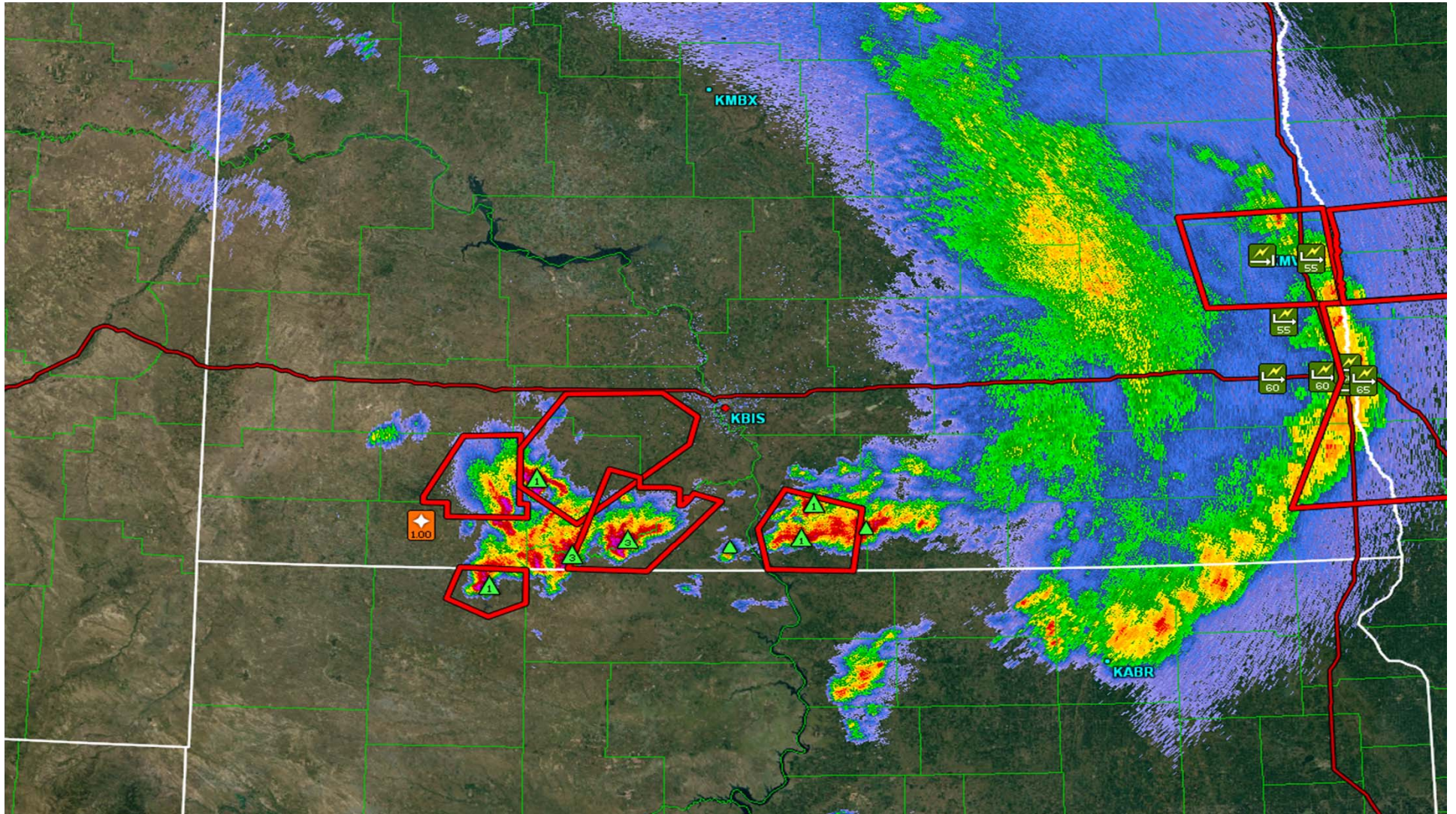
## LINTON 5N Daily Observations from July 1, 2016 to July 31, 2016

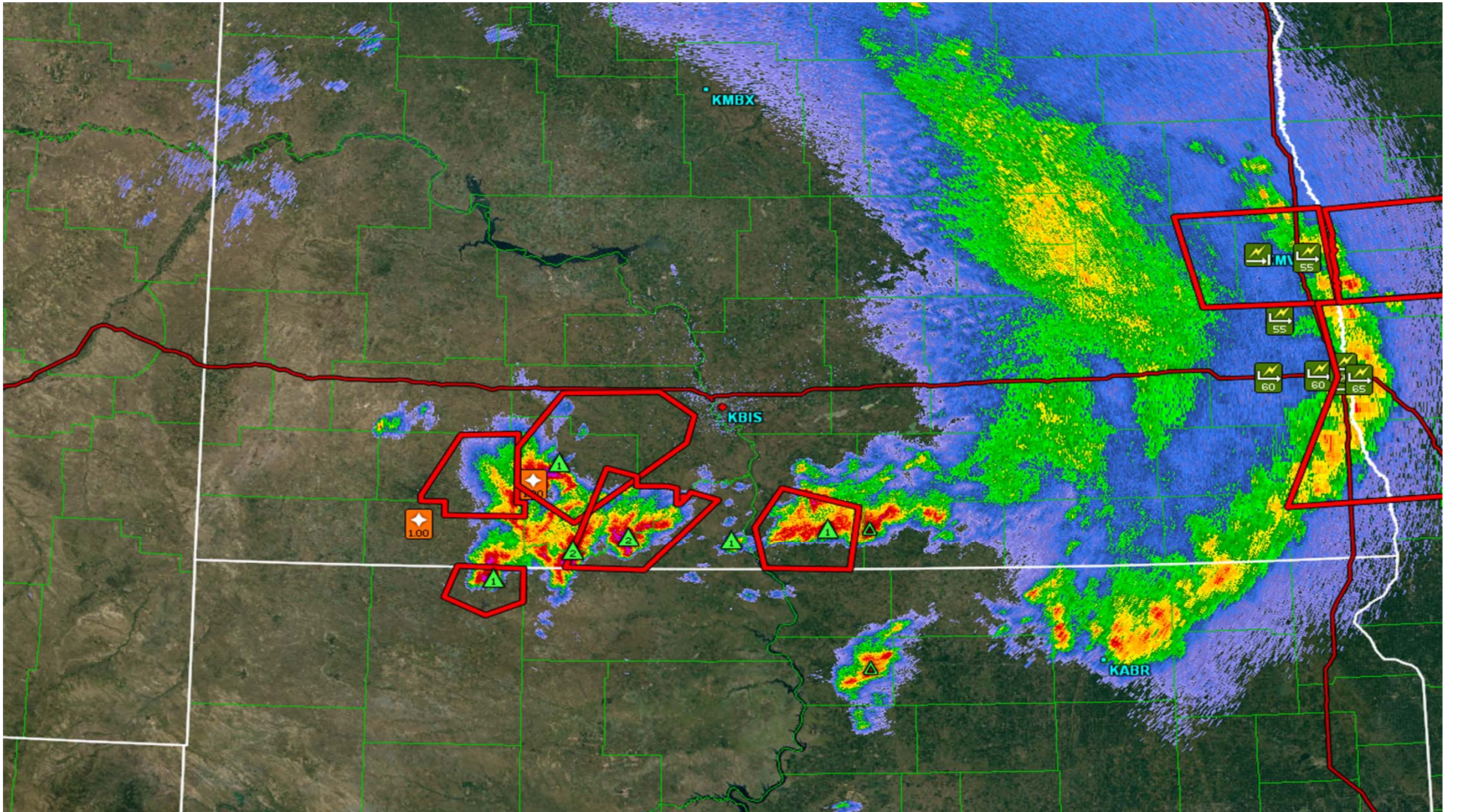
North Dakota Agricultural Weather Network (NDAWN)

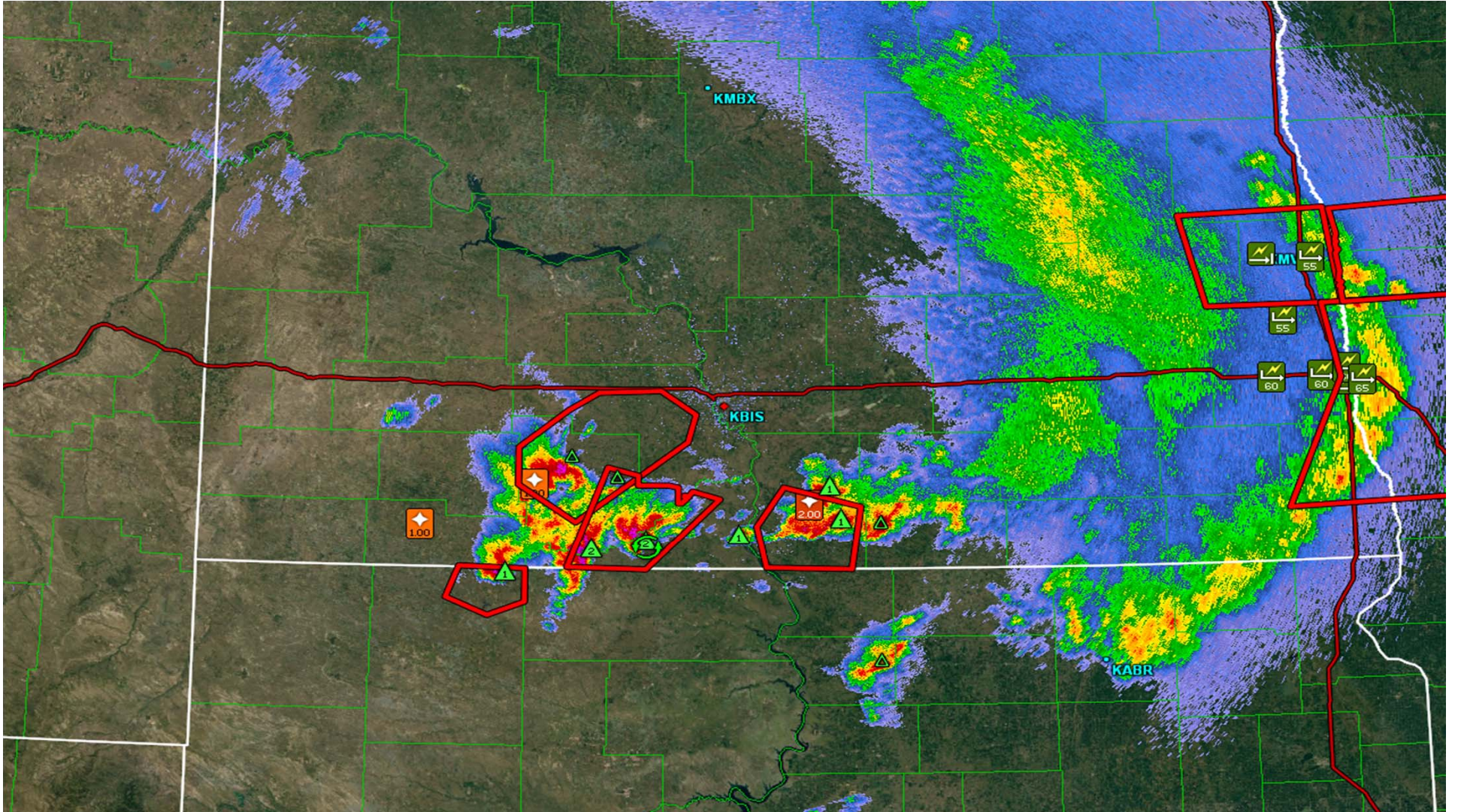
Year	Mo	Da	Max Temp (F)	Min Temp (F)	Avg Soil Temp (F)	Avg Turf Temp (F)	Avg Wind Spd (MPH)	Max Wind Spd (MPH)	Avg Wind Dir (deg)	Avg Wind DirSD (deg)	Total Solar Rad (Lys)	Total PET (inch)	Rain- fall (inch)	Avg Dew Pt (F)
2016	7	1	71.5	43.9	73.6	69.4	10.1	26	121	29	438	0.23	0.08	48
2016	7	2	82.8	53.5	74.9	69.3	10.0	28	155	16	664	0.36	0.00	53
2016	7	3	82.6	56.9	76.1	69.9	13.9	29	156	19	434	0.25	0.05	59
2016	7	4	96.2	60.1	80.0	71.9	8.1	23	155	76	665	0.41	0.00	59
2016	7	5	82.8	58.5	82.2	72.7	8.4	31	33	37	664	0.35	0.00	54
2016	7	6	84.5	59.4	78.8	71.6	8.4	33	69	61	392	0.27	0.41	54
2016	7	7	77.6	54.5	72.3	69.4	10.7	29	299	54	421	0.24	0.02	55
2016	7	8	81.1	50.6	75.7	69.3	6.4	20	35	64	679	0.29	0.00	53
2016	7	9	90.3	60.2	78.0	71.2	16.2	42	135	35	539	0.37	0.16	61
2016	7	10	87.8	58.7	80.2	73.1	16.5	48	116	48	607	0.36	0.92	63
2016	7	11	77.0	57.4	74.4	68.6	10.4	61	162	60	398	0.17	2.28	61
2016	7	12	81.2	58.0	72.6	68.2	21.6	49	262	11	689	0.40	0.00	51
2016	7	13	79.1	56.4	74.7	67.9	15.0	34	287	15	594	0.33	0.00	54
2016	7	14	71.8	56.0	73.4	67.7	7.4	21	335	41	423	0.18	0.00	54

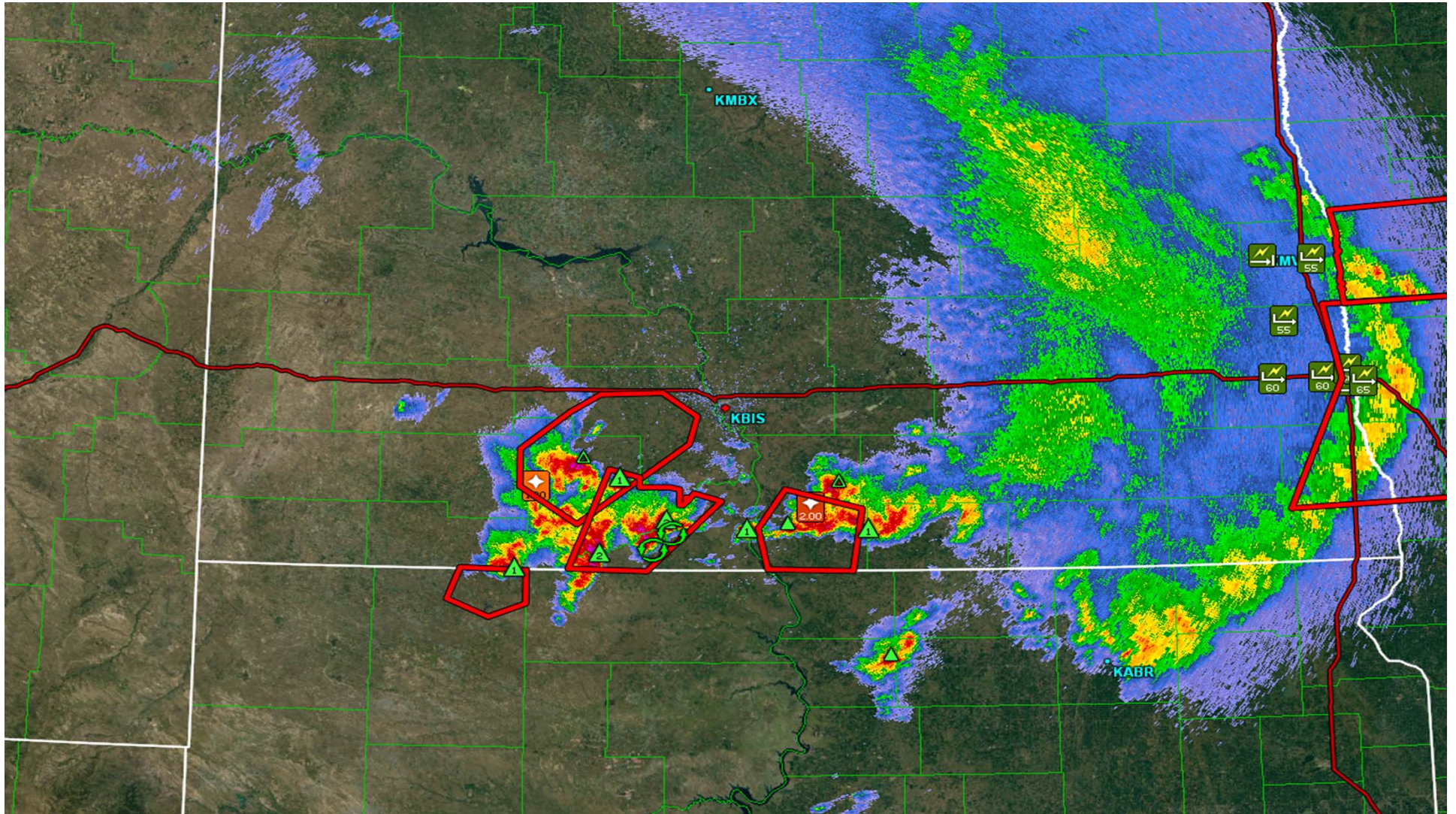


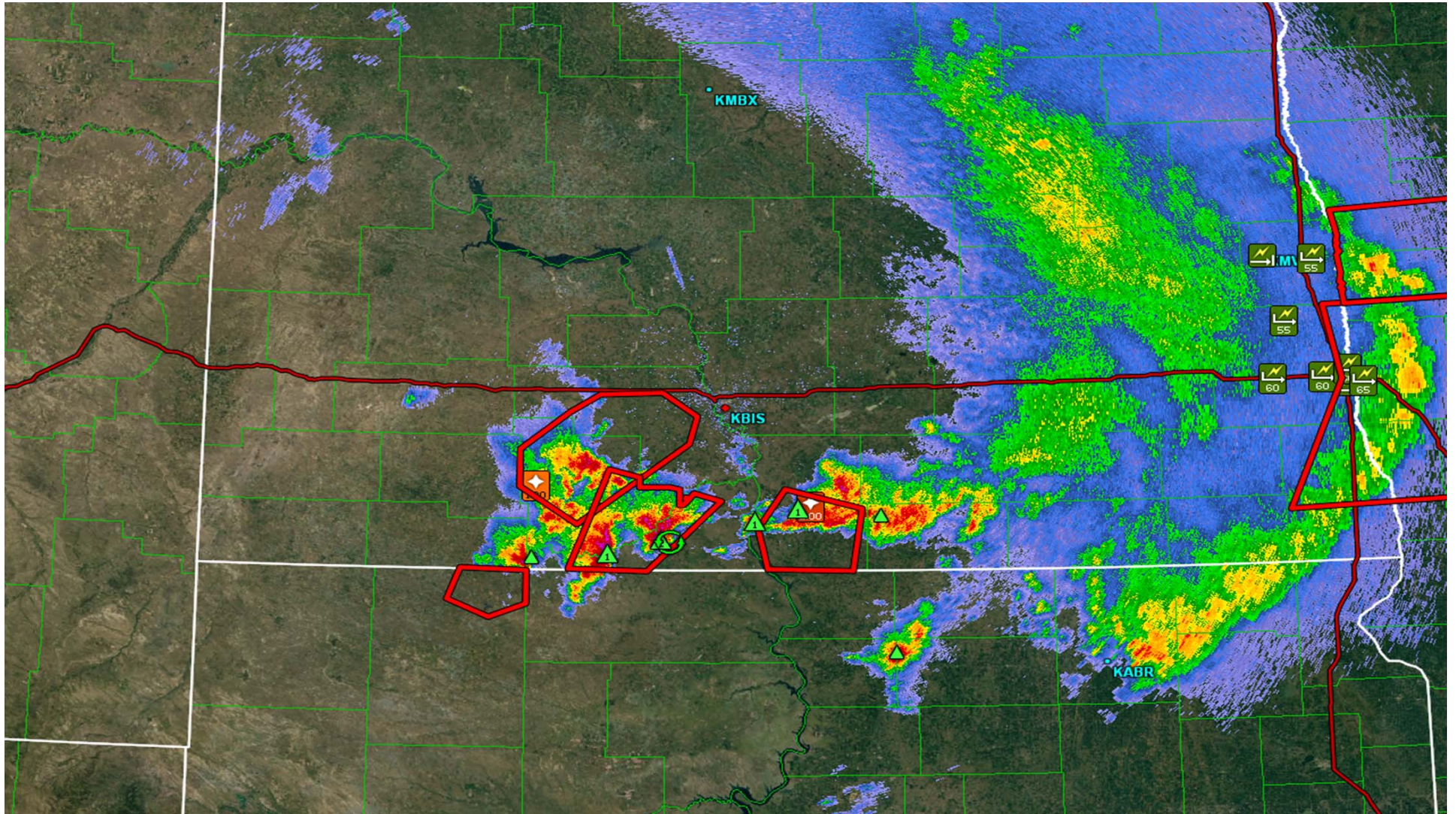




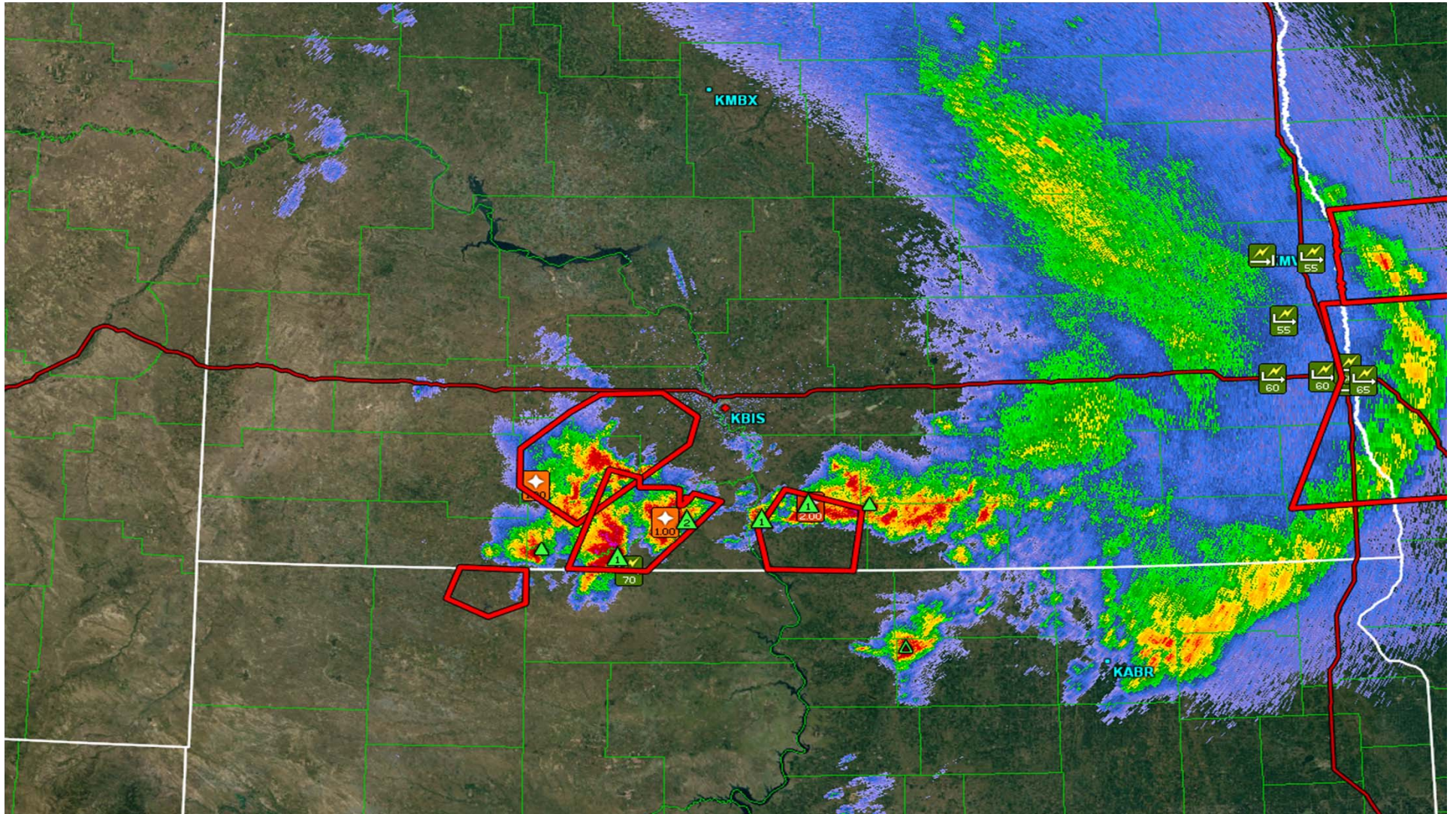


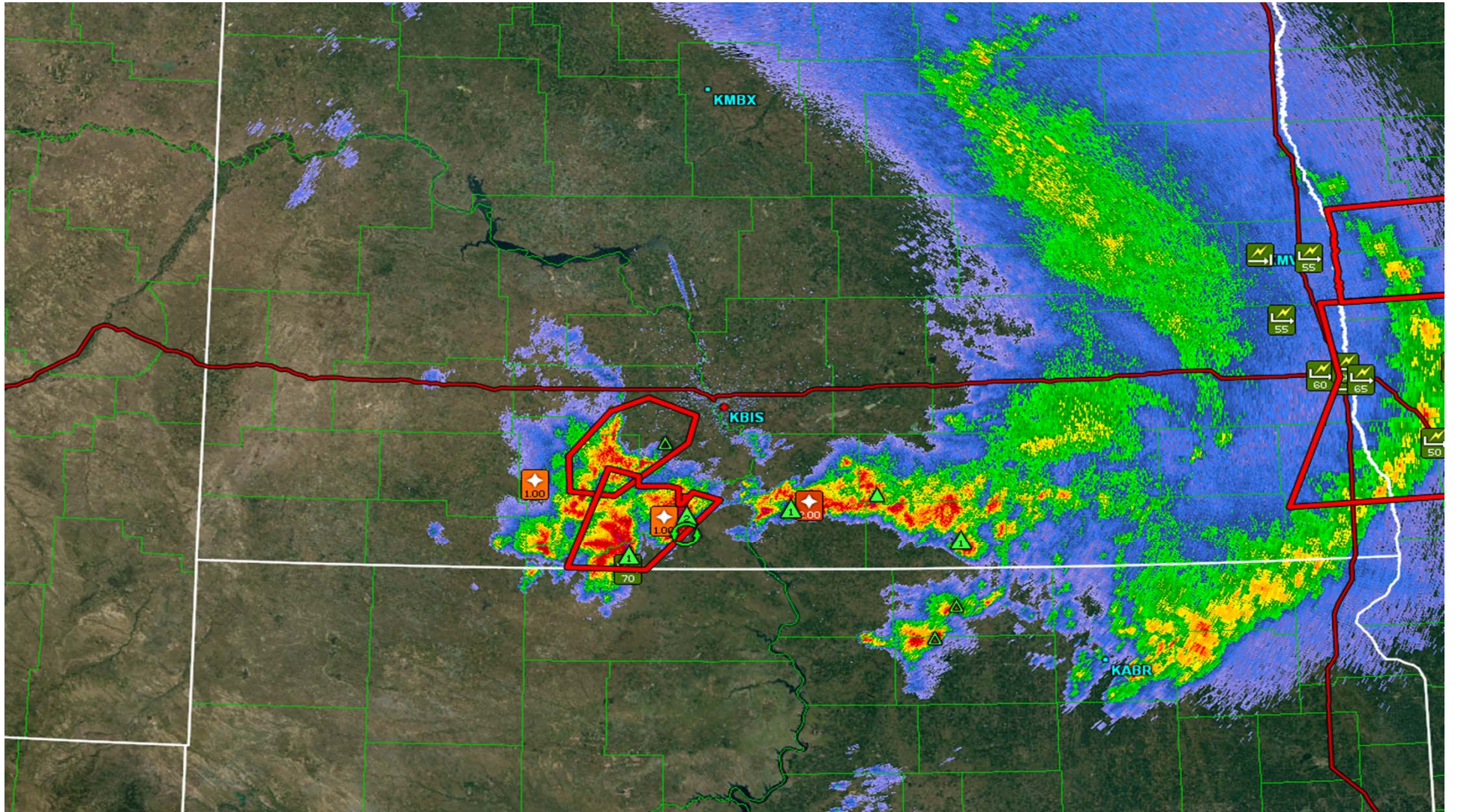


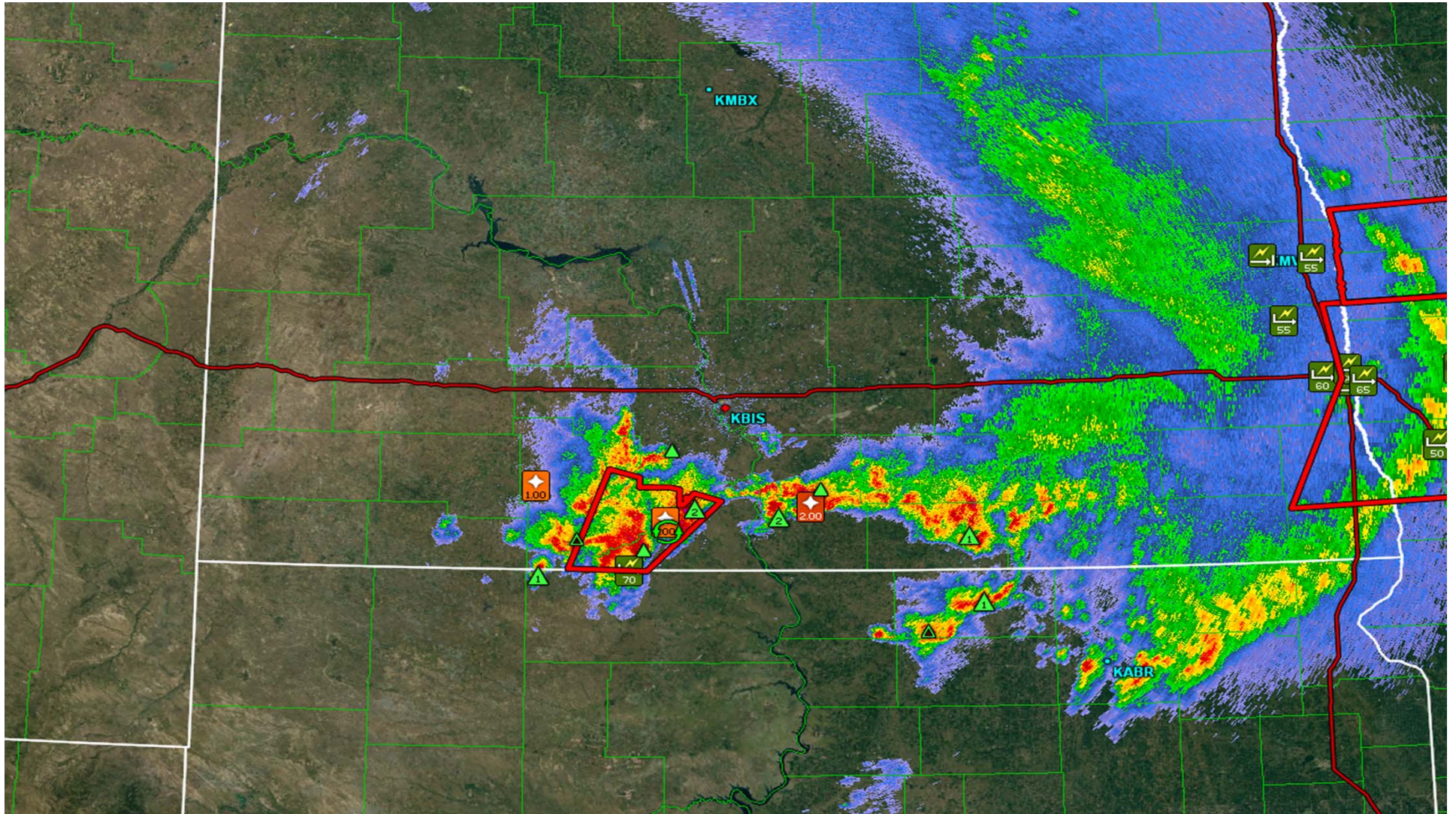


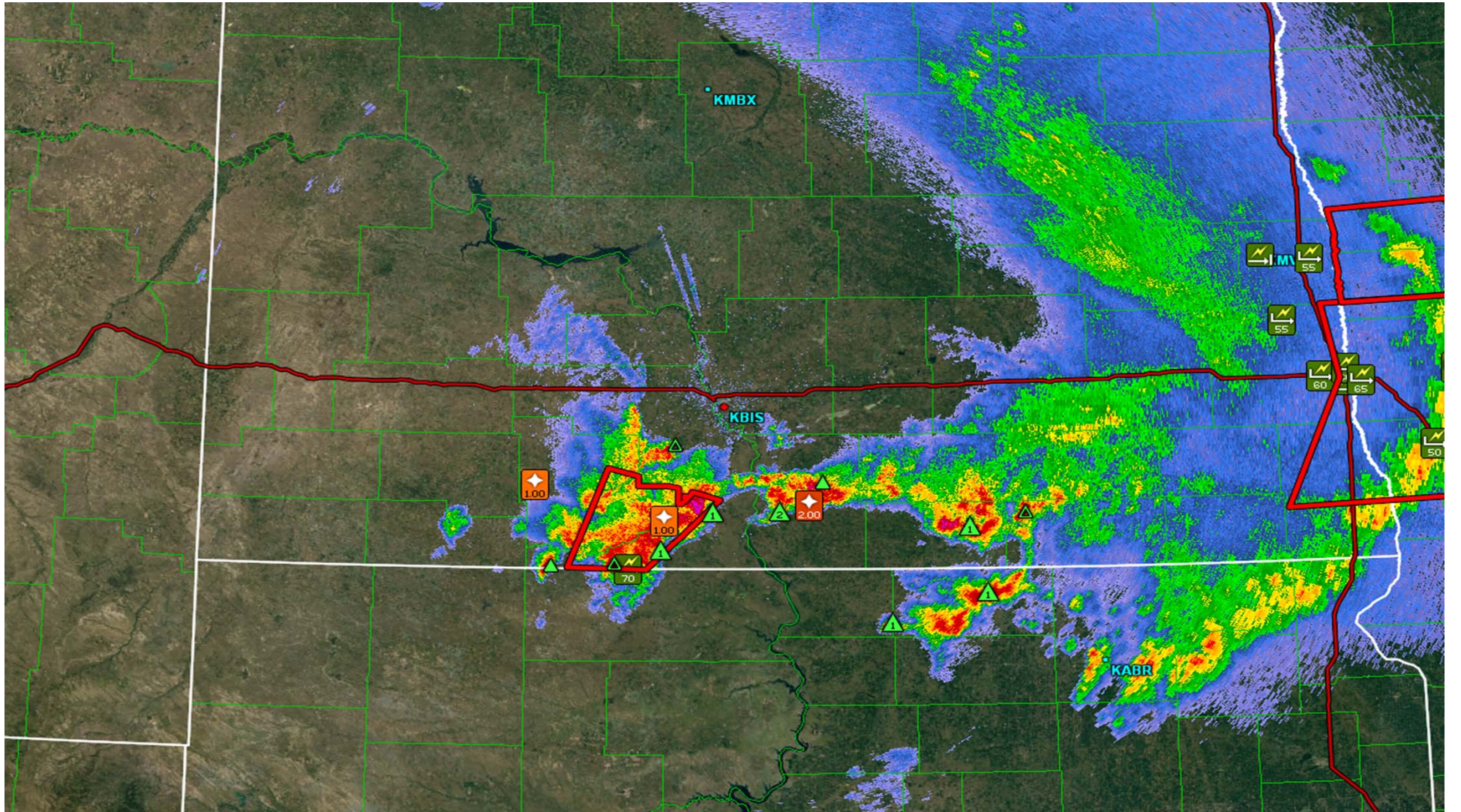


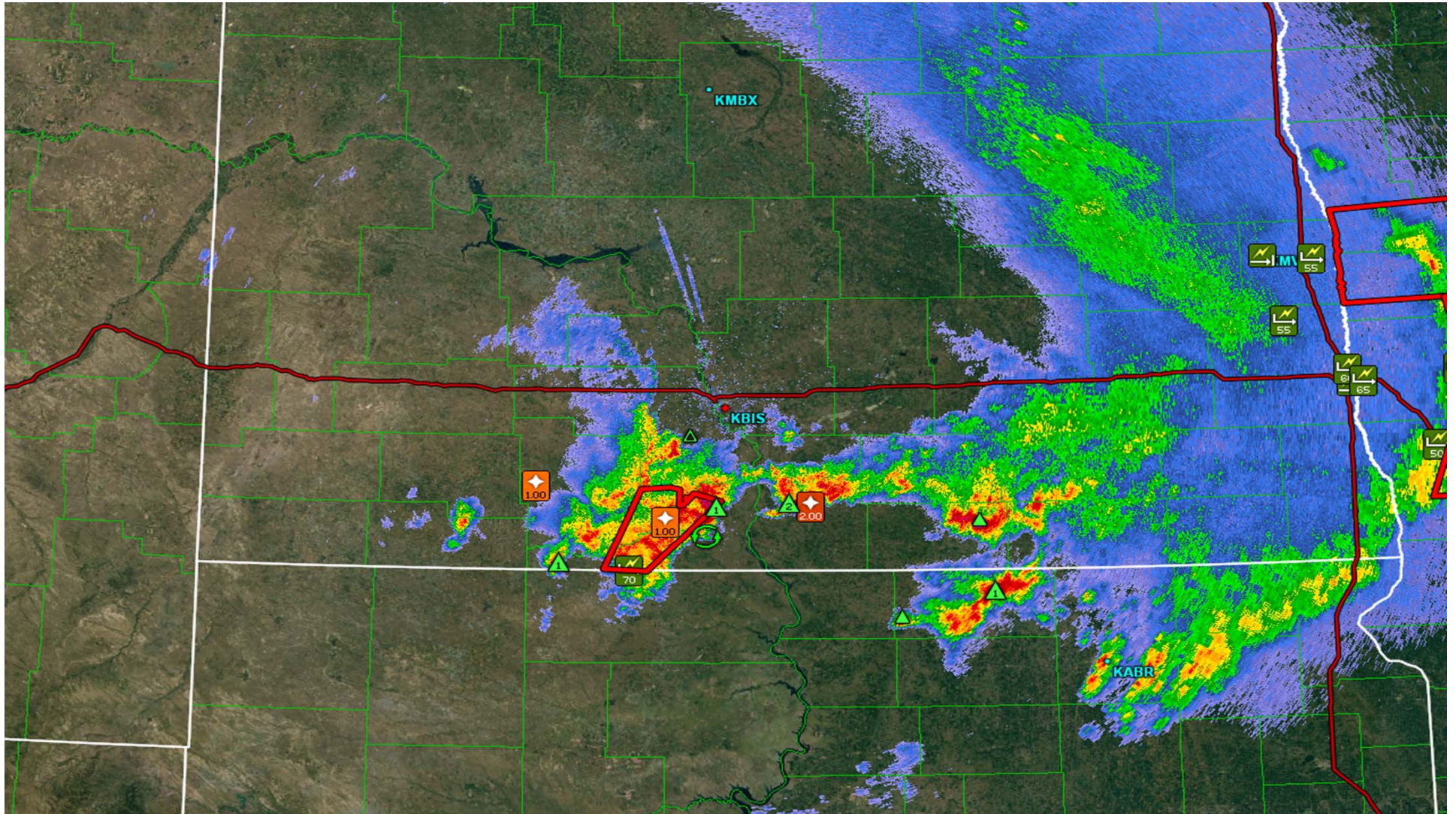


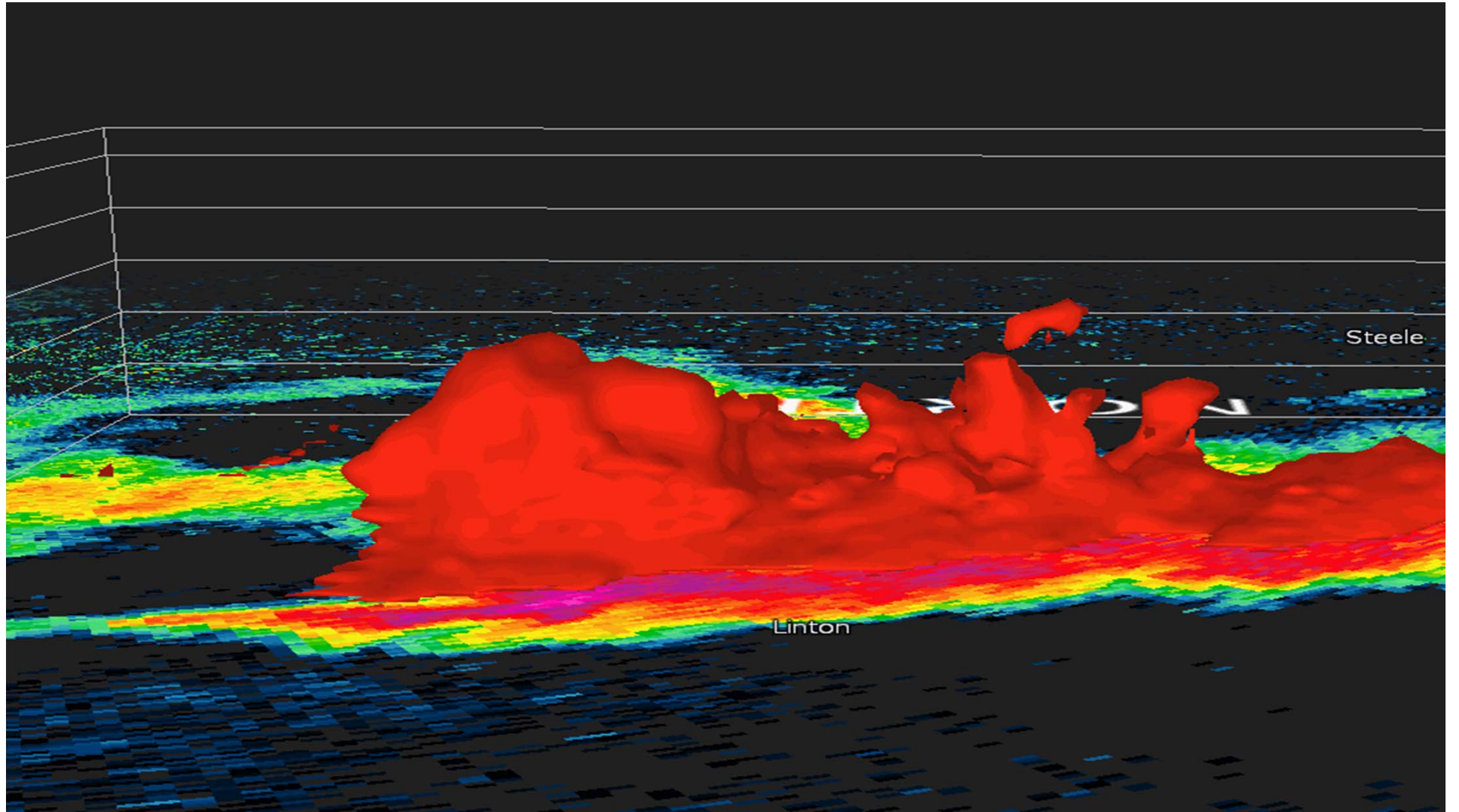


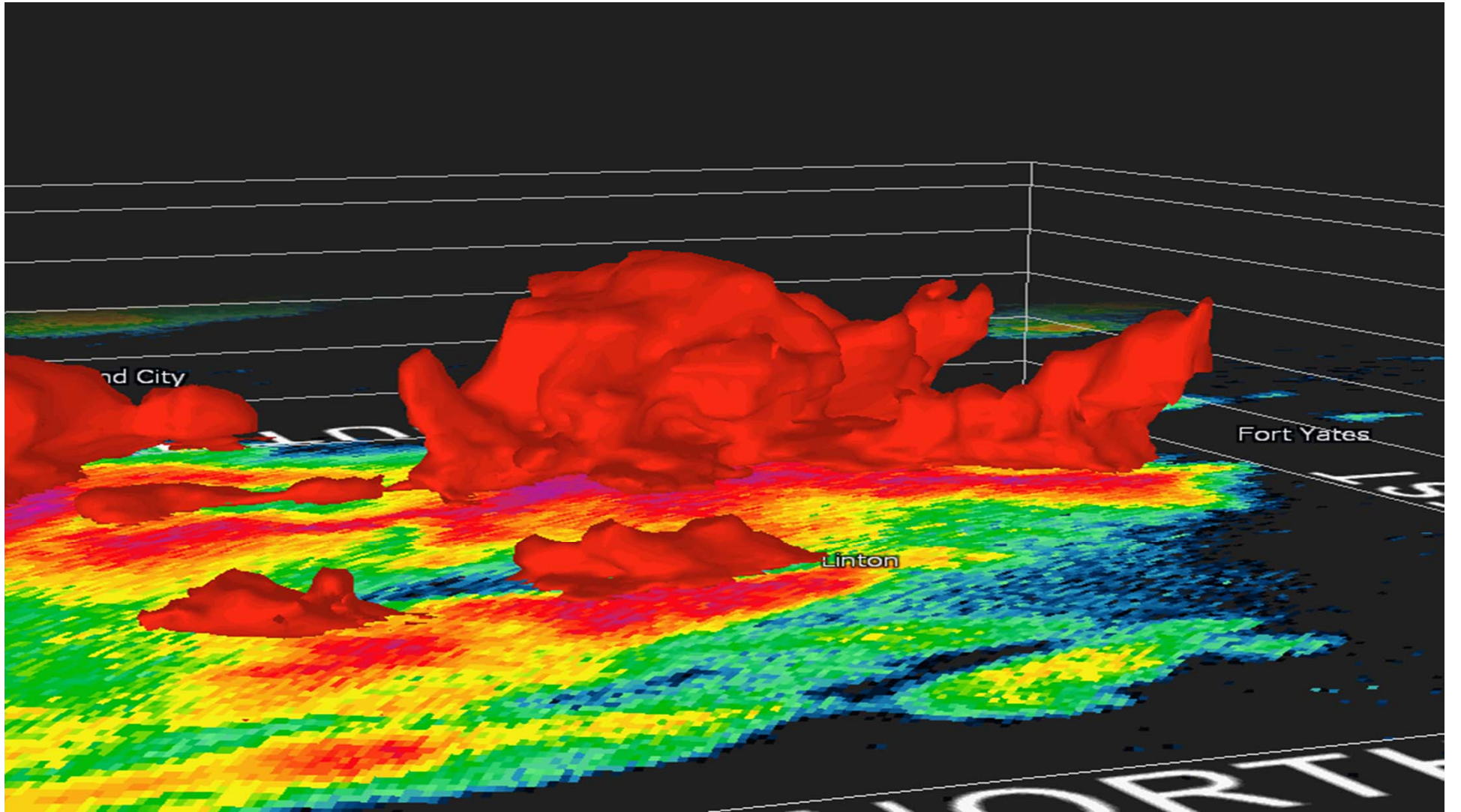














Questions?



# Thank You!!

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