

DEER HERD ANALYSIS

The Rack Report™

Sample Ridge Farm

PREPARED FOR	Sample Client
ANALYSIS DATE	December 13, 2025 · start 7:00 AM
ANALYST	Brandon Akers
PROPERTY SIZE	282.5 acres

14	20	1 : 1.4	16.6	2
BUCKS	DOES	BUCK : DOE	DEER / 100 AC	PREDATORS

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AT A GLANCE

Analysis summary

CLIENT
Sample Client

PROPERTY
Sample Ridge Farm

ANALYSIS DATE
Dec 13, 2025

START TIME
7:00 AM

ANALYST
Brandon Akers

AIRCRAFT
Matrice 30T

ACRES ANALYZED
282.5

TOTAL DEER COUNTED
47

BUCKS / DOES / FAWNS
14 / 20 / 10

ACRES PER DEER
6.0 (recommended 18–40)

LOOK-OUTSIDE ZONE
150 yards past the property line

ADJACENT DEER IN TOTALS
Yes

Herd makeup

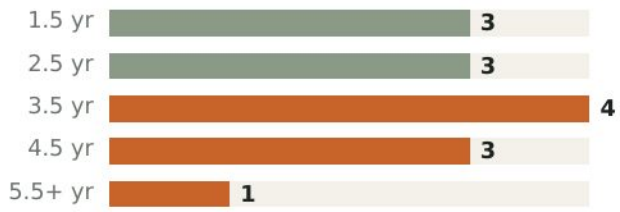


Bucks 14 · Does 20 · Fawns 10 · Unknown 3

Herd scorecard

Buck : Doe ratio	**1 : 1.4**	Target: 1 : 2 or better
Deer per 100 acres	**16.6**	Target: 2.5–5.5 typical
Bucks aged 3.5+	**57%**	Target: 30%+
Predators per 100 acres	**0.71**	Target: 0.5 or less
Fawn recruitment (fawns per doe)	**0.50 (0.43–0.65)**	Target: 0.6+ good, 0.4–0.6 fair

Buck age structure · Predators & other wildlife



Coyote	**2**
Turkey (wildlife)	**10**

0.71 predators per 100 acres

Fawn recruitment

0.50

FAWNS PER DOE

50 per 100 does

FAIR

COUNTED	10 fawns, 20 does, 3 unknown
RANGE	0.43 to 0.65 if every unknown deer was a doe or a fawn
TARGETS	0.6+ good · 0.4–0.6 fair · under 0.4 low
CONFIDENCE	Good

Button bucks: male fawns have no antlers yet, so they are counted as fawns, not bucks. That keeps the buck : doe ratio about adult deer. About half of the fawns are usually button bucks, so some of next year's bucks are already in the fawn count. Fawn recruitment is the number of fawns per doe that make it into fall and winter; it is best measured from August to February.

What this means

- The buck to doe ratio (1 : 1.4) is in a healthy range.
- Deer density is high (16.6 deer per 100 acres). Watch for browse damage and consider additional doe harvest.
- Fawn recruitment is fair (0.50 fawns per doe, about 50 fawns for every 100 does). Keep doe harvest moderate; better fawning cover and predator control can raise it.
- Predators were found on the property (2 coyote). Predator control before and during fawning season can improve fawn survival.
- These are general guidelines based on one flight. Deer move daily, so counts are a snapshot, not an exact census.

Harvest plan

Goal 1 : 2. The herd is already at or better than the goal, so normal, steady doe harvest keeps it there. Follow your state's bag limits and seasons.

Pilot observations

SAMPLE REPORT - property, owner and map locations are made up for demonstration. Photos are real Tally Wild drone photos. Flight started before first light under full cloud cover; most deer were bedded on the south-facing ridges.

HOW THIS COUNT WAS MADE

Flight details

FLIGHT

Date	**Saturday, December 13, 2025**
Aircraft	**Matrice 30T**
Pilot	**Brandon Akers**
First / last photo	**7:06 AM / 8:27 AM**
Time on site	**1 h 21 min**
Average altitude (AGL)	314**ft**
Photos / videos	**34 photos, 0 videos**

CONDITIONS

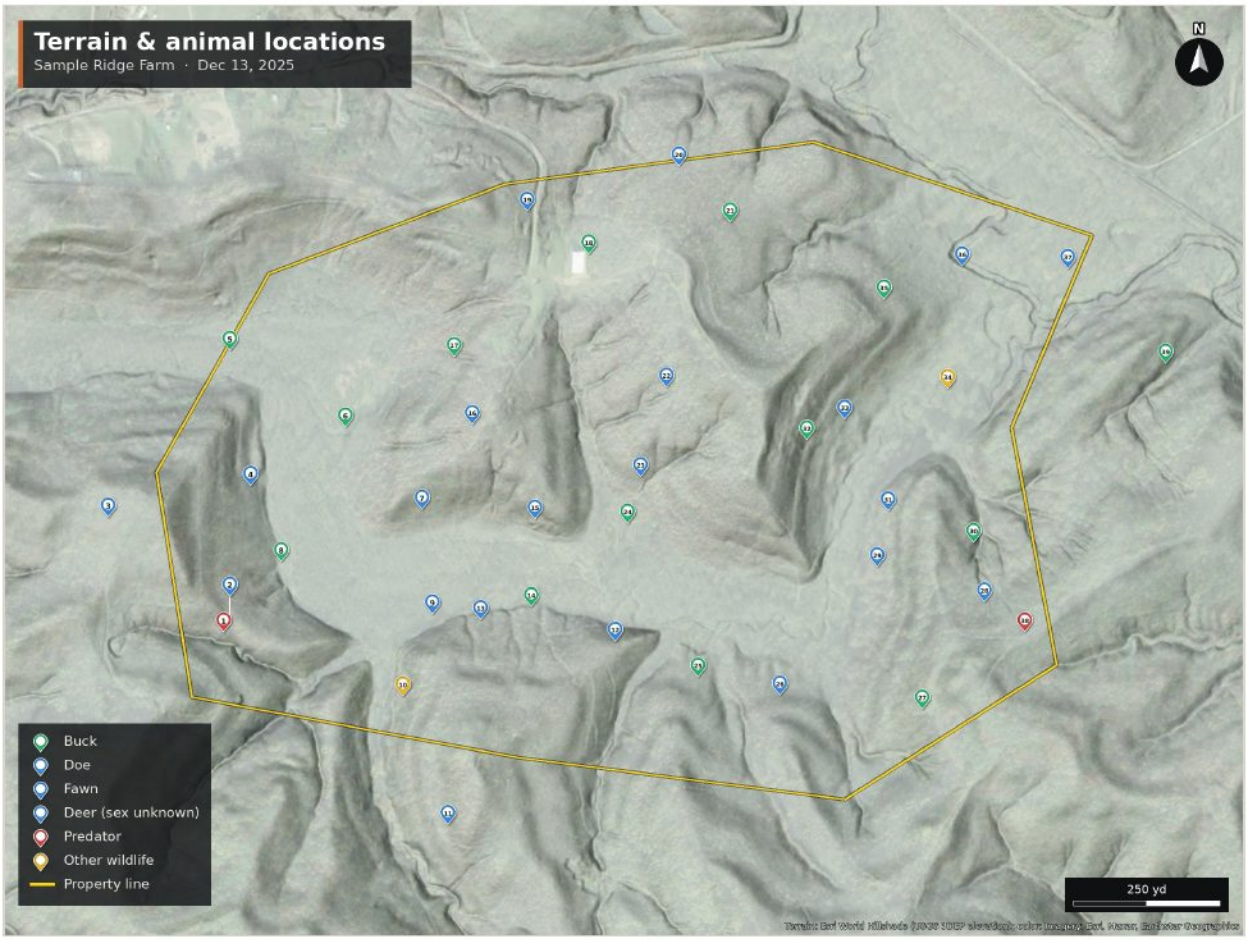
Sunrise / sunset	**7:40 AM / 5:07 PM**
Flight start vs sunrise	**34 min before sunrise**
Moon	**Last quarter, 41% lit**
Leaf cover	**Leaf-off (dormant season)**
Temperature	**32 °F, 81% humidity**
Wind	**WSW 7 mph, gusts 17**
Cloud cover / rain	**100% cloud, no rain**
Snow on ground	**1 in**

COVERAGE

Property size	**282.5 acres**
Look-outside zone	**150 yd past the property line**
Pins logged	**39**

RESULT (ON THE PROPERTY)

Deer counted	**47**
Bucks / Does / Fawns	**14 / 20 / 10 (+3 unknown)**
Buck : Doe	**1 : 1.4**
Deer per 100 acres	**16.6**
Fawns per doe	**0.50 (good confidence)**
Predators	**2 coyote**



Times come from each photo and video. Average altitude AGL is the drone's height above the ground directly below it, from the drone's GPS altitude and USGS ground elevation (about ±30 ft). The map shows the lay of the land (ridges, benches and hollows) with every animal located. Weather is the historical record for this location and hour (Open-Meteo). Thermal counts are minimum counts: animals under heavy cover can be missed.

MAP

Bucks & predators



PIN	POINTS	EST. AGE	LARGEST	LOCATION
#17	10	5.5+	★	On property
#35	9	4.5		On property
#18	8	4.5		On property
#25	8	4.5		On property
#8	8	3.5		On property
#30	8	3.5		On property
#32	8	3.5		On property
#6	7	3.5		On property
#14	6	2.5		On property
#21	6	2.5		On property
#5	4	1.5		On property
#24	4	1.5		On property
#27	2	1.5		On property
#39	6	2.5		Off property

MAP

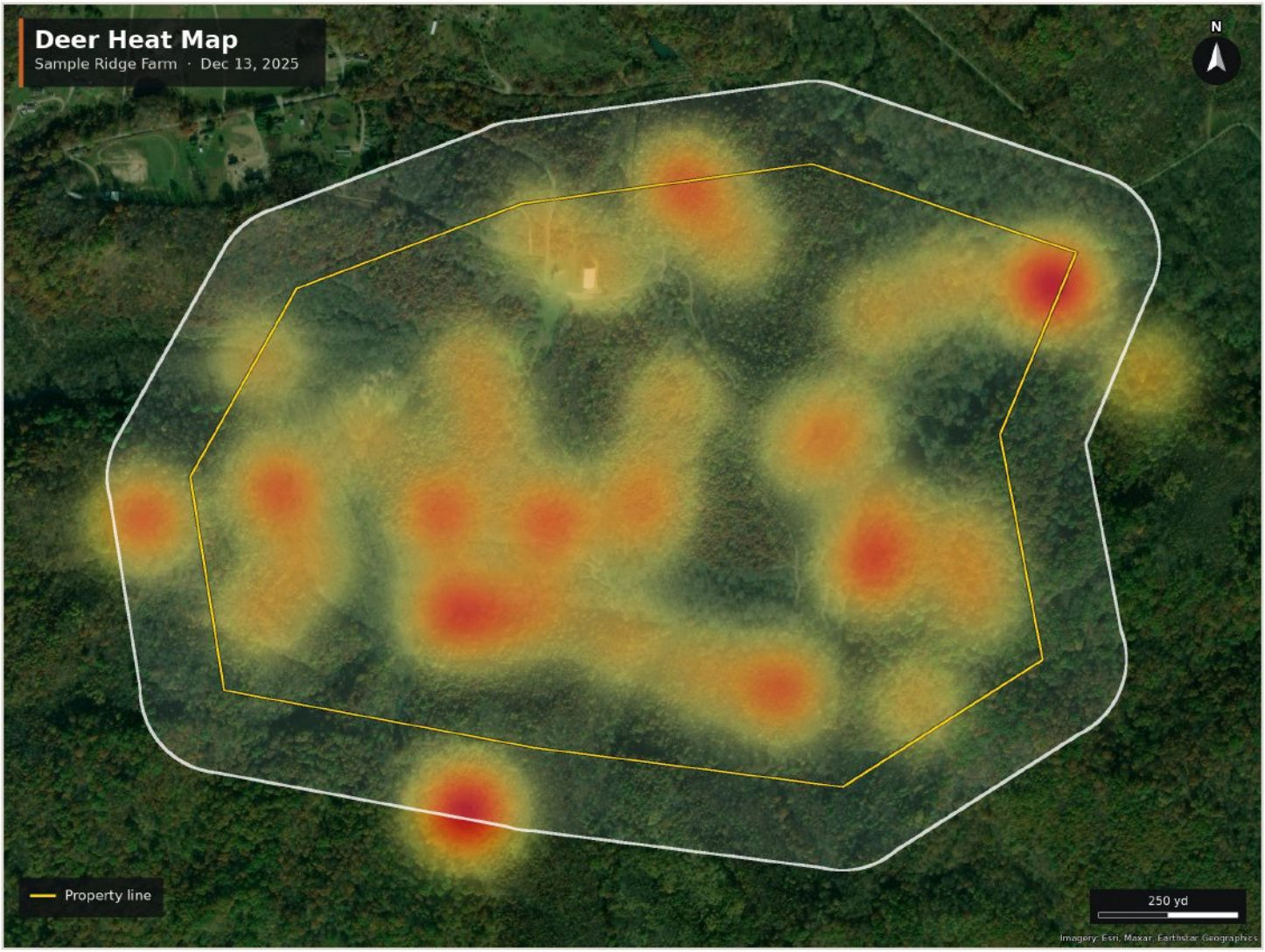
Every animal located



All pins from the flight. Where pins overlap they are spread apart with a thin line back to the exact spot.

DEER HEAT MAP

Where the deer were



Warmer colors show where more deer were found during the flight. Hot spots usually line up with bedding cover, food sources and travel corridors.

EVERY BUCK LOCATED ON THE PROPERTY

Buck inventory









LARGEST BUCK SEEN

10-Point Buck

RACK	Typical
EST. AGE	5.5+ years
SPREAD	Outside ears
BEHAVIOR	Bedded
LOCATION	On property
LATITUDE	39.217027
LONGITUDE	-82.424399
SEEN	7:39 AM
ON FILE	4 photos



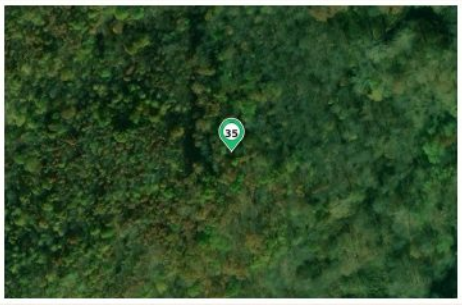






9-Point Buck

RACK	Typical
EST. AGE	4.5 years
SPREAD	Outside ears
BEHAVIOR	Bedded
LOCATION	On property
LATITUDE	39.217836
LONGITUDE	-82.416630
SEEN	8:17 AM
ON FILE	3 photos



EVERY BUCK LOCATED ON THE PROPERTY

Buck inventory (cont.)







8-Point Buck

RACK	Typical
EST. AGE	4.5 years
SPREAD	At ears
BEHAVIOR	Bedded
LOCATION	On property
LATITUDE	39.218464
LONGITUDE	-82.421964
SEEN	7:42 AM
ON FILE	3 photos



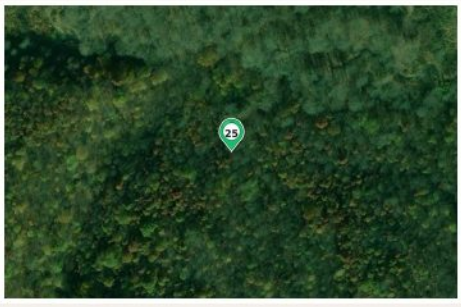






8-Point Buck

RACK	Typical
EST. AGE	4.5 years
SPREAD	Outside ears
BEHAVIOR	Feeding
LOCATION	On property
LATITUDE	39.212536
LONGITUDE	-82.419993
SEEN	7:55 AM
ON FILE	3 photos



EVERY BUCK LOCATED ON THE PROPERTY

Buck inventory (cont.)



8-Point Buck

RACK	Typical
EST. AGE	3.5 years
SPREAD	At ears
BEHAVIOR	Walking
LOCATION	On property
LATITUDE	39.214153
LONGITUDE	-82.427529
SEEN	7:21 AM
ON FILE	1 photo









8-Point Buck

RACK	Typical
EST. AGE	3.5 years
SPREAD	At ears
BEHAVIOR	Bedded
LOCATION	On property
LATITUDE	39.214422
LONGITUDE	-82.415007
SEEN	8:05 AM
ON FILE	3 photos



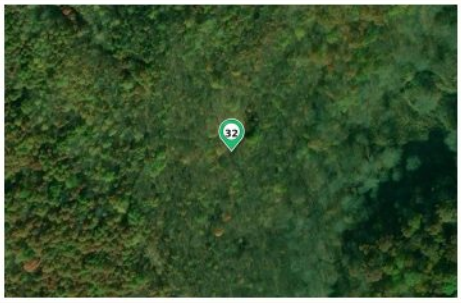
EVERY BUCK LOCATED ON THE PROPERTY

Buck inventory (cont.)



8-Point Buck

RACK	Typical
EST. AGE	3.5 years
SPREAD	At ears
BEHAVIOR	Walking
LOCATION	On property
LATITUDE	39.215859
LONGITUDE	-82.418022
SEEN	8:10 AM
ON FILE	1 photo





7-Point Buck

RACK	Typical
EST. AGE	3.5 years
SPREAD	Inside ears
BEHAVIOR	Standing
LOCATION	On property
LATITUDE	39.216039
LONGITUDE	-82.426370
SEEN	7:16 AM
ON FILE	1 photo



EVERY BUCK LOCATED ON THE PROPERTY

Buck inventory (cont.)





6-Point Buck

RACK	Typical
EST. AGE	2.5 years
SPREAD	Inside ears
BEHAVIOR	Feeding
LOCATION	On property
LATITUDE	39.213524
LONGITUDE	-82.423007
SEEN	7:33 AM
ON FILE	2 photos







6-Point Buck

RACK	Typical
EST. AGE	2.5 years
SPREAD	Inside ears
BEHAVIOR	Bedded
LOCATION	On property
LATITUDE	39.218914
LONGITUDE	-82.419413
SEEN	7:48 AM
ON FILE	2 photos



EVERY BUCK LOCATED ON THE PROPERTY

Buck inventory (cont.)



4-Point Buck

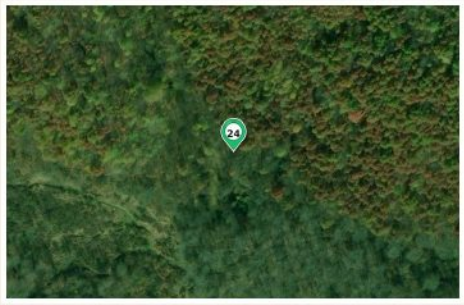
RACK	Typical
EST. AGE	1.5 years
SPREAD	Inside ears
BEHAVIOR	Bedded
LOCATION	On property
LATITUDE	39.217117
LONGITUDE	-82.428457
SEEN	7:14 AM
ON FILE	1 photo





4-Point Buck

RACK	Typical
EST. AGE	1.5 years
SPREAD	Inside ears
BEHAVIOR	Feeding
LOCATION	On property
LATITUDE	39.214692
LONGITUDE	-82.421268
SEEN	7:53 AM
ON FILE	1 photo



EVERY BUCK LOCATED ON THE PROPERTY

Buck inventory (cont.)



2-Point Buck

RACK	Typical
EST. AGE	1.5 years
SPREAD	Inside ears
BEHAVIOR	Walking
LOCATION	On property
LATITUDE	39.212086
LONGITUDE	-82.415935
SEEN	7:59 AM
ON FILE	1 photo



PREDATORS LOCATED

Predators





Coyote

LOCATION	On property
LATITUDE	39.213164
LONGITUDE	-82.428573
SEEN	7:06 AM
ON FILE	2 photos





Coyote

LOCATION	On property
LATITUDE	39.213164
LONGITUDE	-82.414080
SEEN	8:27 AM
ON FILE	1 photo



Other wildlife





Turkey × 6

LOCATION	On property
LATITUDE	39.212266
LONGITUDE	-82.425326
SEEN	7:24 AM
ON FILE	2 photos

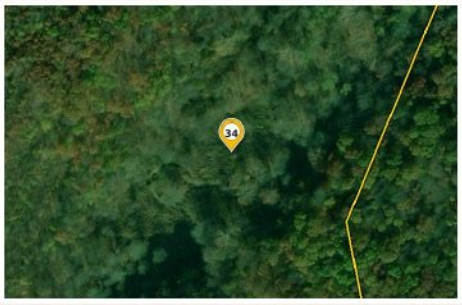






Turkey × 4

LOCATION	On property
LATITUDE	39.216578
LONGITUDE	-82.415471
SEEN	8:14 AM
ON FILE	2 photos



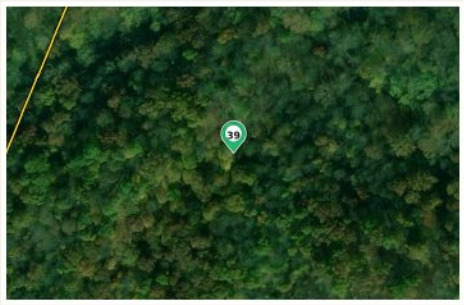
SEEN JUST OUTSIDE THE PROPERTY LINE · COUNTED IN THE TOTALS

Off the property



6-Point Buck

RACK	Typical
EST. AGE	2.5 years
SPREAD	Inside ears
BEHAVIOR	Feeding
LOCATION	200 yd off property
LATITUDE	39.216937
LONGITUDE	-82.411529
SEEN	8:28 AM
ON FILE	1 photo



SEEN JUST OUTSIDE THE PROPERTY LINE

Neighboring animals

These animals were within 150 yards of the property line. They are included in the totals in this report. Deer living along the line very likely use your property too.

#	ANIMAL	LATITUDE	LONGITUDE	TIME
3	Doe ×2	39.214781	-82.430660	07:10
11	Doe ×3	39.210470	-82.424515	07:27
39	Buck 6-point typical ~2.5 yrs	39.216937	-82.411529	08:28

EVERY ANIMAL LOCATED

GPS coordinates

Numbers match the pins on the maps. Coordinates are decimal degrees (latitude, longitude) and can be typed directly into onX, Google Maps or a GPS. The included .kmz / .gpx / .csv files load all of them at once.

#	ANIMAL	LATITUDE	LONGITUDE	TIME	LOCATION	NOTES
1	Coyote	39.213164	-82.428573	07:06	On property	
2	Doe	39.213392	-82.428462	07:09	On property	
3	Doe ×2	39.214781	-82.430660	07:10	Adjacent	
4	Fawn ×2	39.215219	-82.428083	07:12	On property	
5	Buck 4-point typical ~1.5 yrs	39.217117	-82.428457	07:14	On property	
6	Buck 7-point typical ~3.5 yrs	39.216039	-82.426370	07:16	On property	
7	Fawn ×2	39.214889	-82.424988	07:19	On property	
8	Buck 8-point typical ~3.5 yrs	39.214152	-82.427529	07:21	On property	
9	Fawn ×2	39.213420	-82.424794	07:22	On property	
10	6 × Turkey	39.212266	-82.425326	07:24	On property	
11	Doe ×3	39.210470	-82.424515	07:27	Adjacent	
12	Doe	39.213037	-82.421490	07:28	On property	
13	Doe	39.213339	-82.423923	07:31	On property	
14	Buck 6-point typical ~2.5 yrs	39.213524	-82.423007	07:33	On property	
15	Doe ×2	39.214750	-82.422940	07:36	On property	
16	Doe	39.216076	-82.424071	07:37	On property	
17	★ Largest buck Buck 10-point typ	39.217027	-82.424399	07:39	On property	
18	Buck 8-point typical ~4.5 yrs	39.218464	-82.421964	07:42	On property	
19	Doe	39.219070	-82.423083	07:43	On property	
20	Fawn ×2	39.219702	-82.420335	07:46	On property	
21	Buck 6-point typical ~2.5 yrs	39.218914	-82.419413	07:48	On property	
22	Doe	39.216604	-82.420559	07:49	On property	
23	Doe	39.215343	-82.421029	07:52	On property	
24	Buck 4-point typical ~1.5 yrs	39.214692	-82.421268	07:53	On property	
25	Buck 8-point typical ~4.5 yrs	39.212536	-82.419993	07:55	On property	
26	Doe ×2	39.212280	-82.418507	07:56	On property	
27	Buck 2-point typical ~1.5 yrs	39.212086	-82.415935	07:59	On property	
28	Doe	39.213588	-82.414813	08:00	On property	
29	Fawn ×2	39.214085	-82.416752	08:03	On property	
30	Buck 8-point typical ~3.5 yrs	39.214422	-82.415007	08:05	On property	
31	Doe	39.214864	-82.416556	08:08	On property	
32	Buck 8-point typical ~3.5 yrs	39.215859	-82.418022	08:10	On property	
33	Doe	39.216150	-82.417337	08:13	On property	
34	4 × Turkey	39.216578	-82.415471	08:14	On property	
35	Buck 9-point typical ~4.5 yrs	39.217836	-82.416630	08:17	On property	
36	Doe	39.218301	-82.415209	08:18	On property	
37	Deer (sex unknown) ×3	39.218260	-82.413304	08:23	On property	
38	Coyote	39.213164	-82.414079	08:27	On property	
39	Buck 6-point typical ~2.5 yrs	39.216937	-82.411529	08:28	Adjacent	

About this report. This report was prepared by SKYZ the LIMIT LLC using Tally Wild from aerial thermal and visual imagery collected on the date(s) shown. Animal counts, sex, estimated ages, antler points, ratios, densities, scores and recommendations are estimates based on what was visible from the air during that flight. Any AI check suggestions in this report were reviewed by the pilot and are also estimates. Animals hidden by cover, outside the flight area, or moving between passes may be missed or counted more than once. Results can change with season, weather, time of day and hunting pressure.

This report is not a land survey and does not establish property lines or acreage for legal purposes; the property line shown was supplied by the landowner or pilot. It is not an official wildlife agency census, and it is not professional wildlife-management, legal, or financial advice. Satellite base maps may be out of date.

Use of this report to locate or take wildlife must follow all state and federal wildlife and hunting laws. SKYZ the LIMIT LLC does not guarantee any result or take responsibility for decisions made using this report.