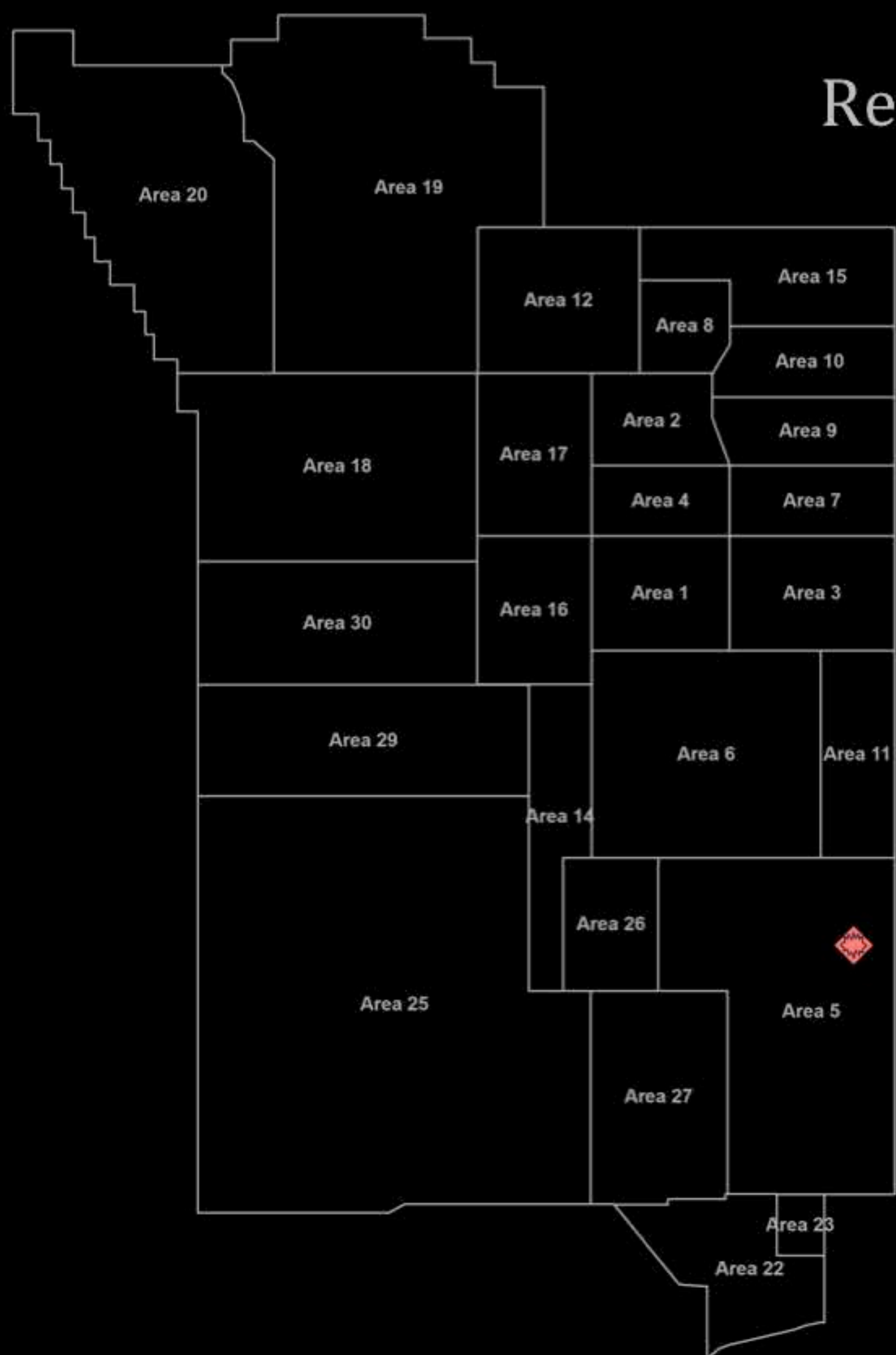
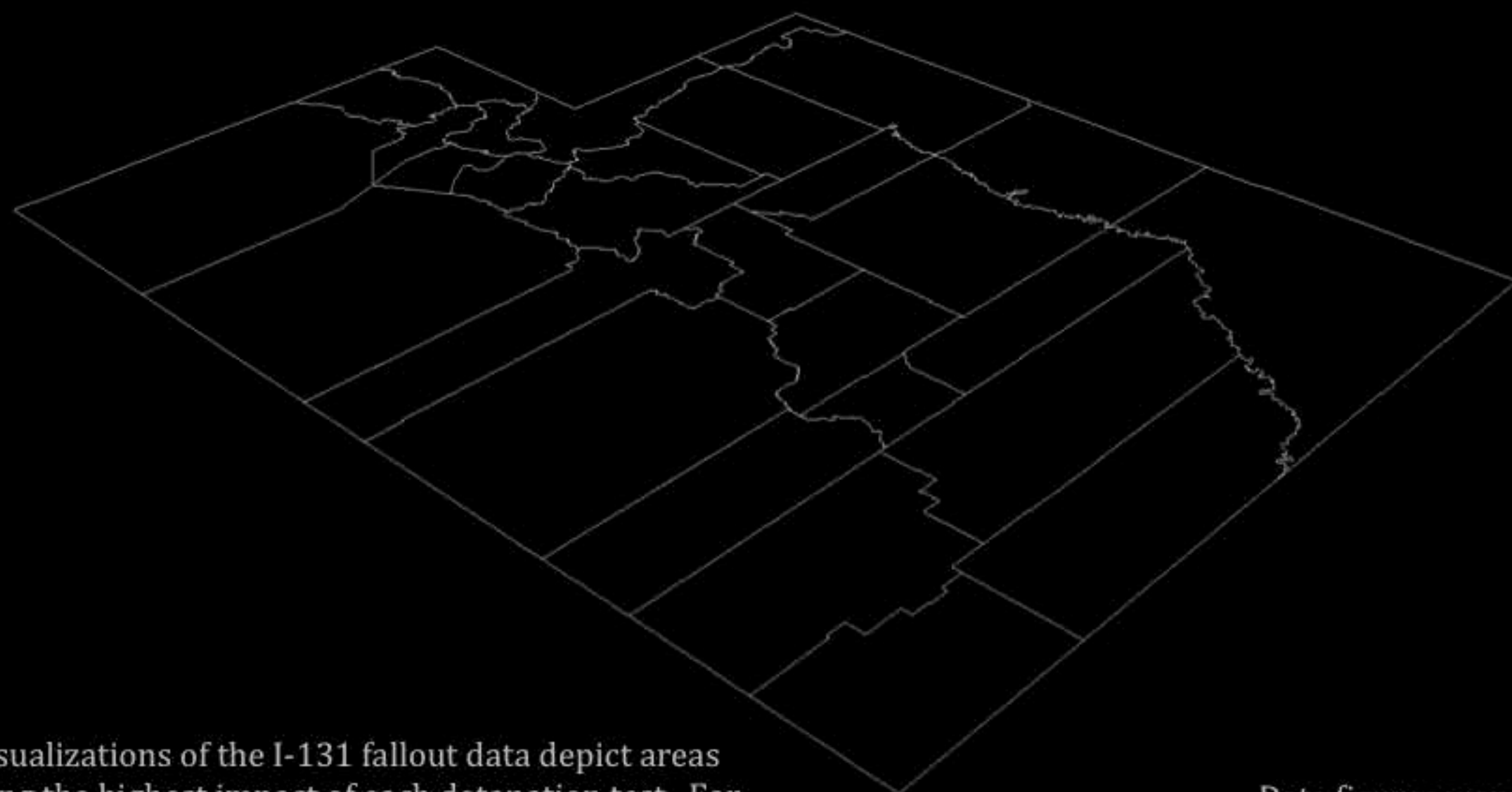
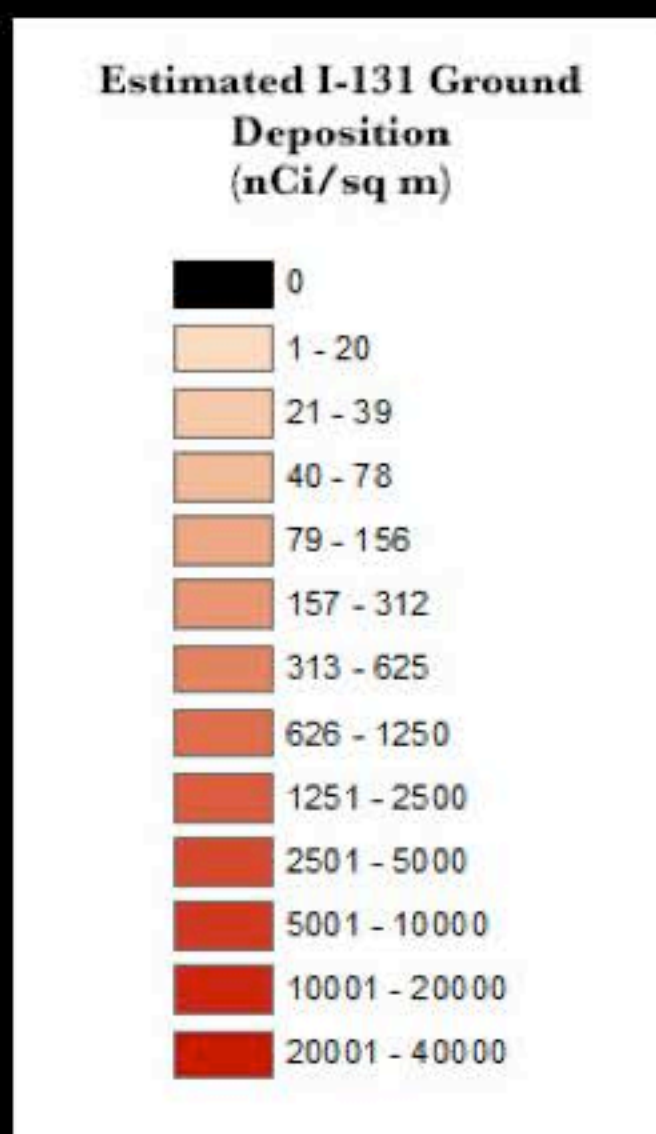


I-131 Ground Deposition Levels Reported for the Operation Ranger Baker Event January 28, 1951



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Baker occurred within Area 5 of the testing boundaries.

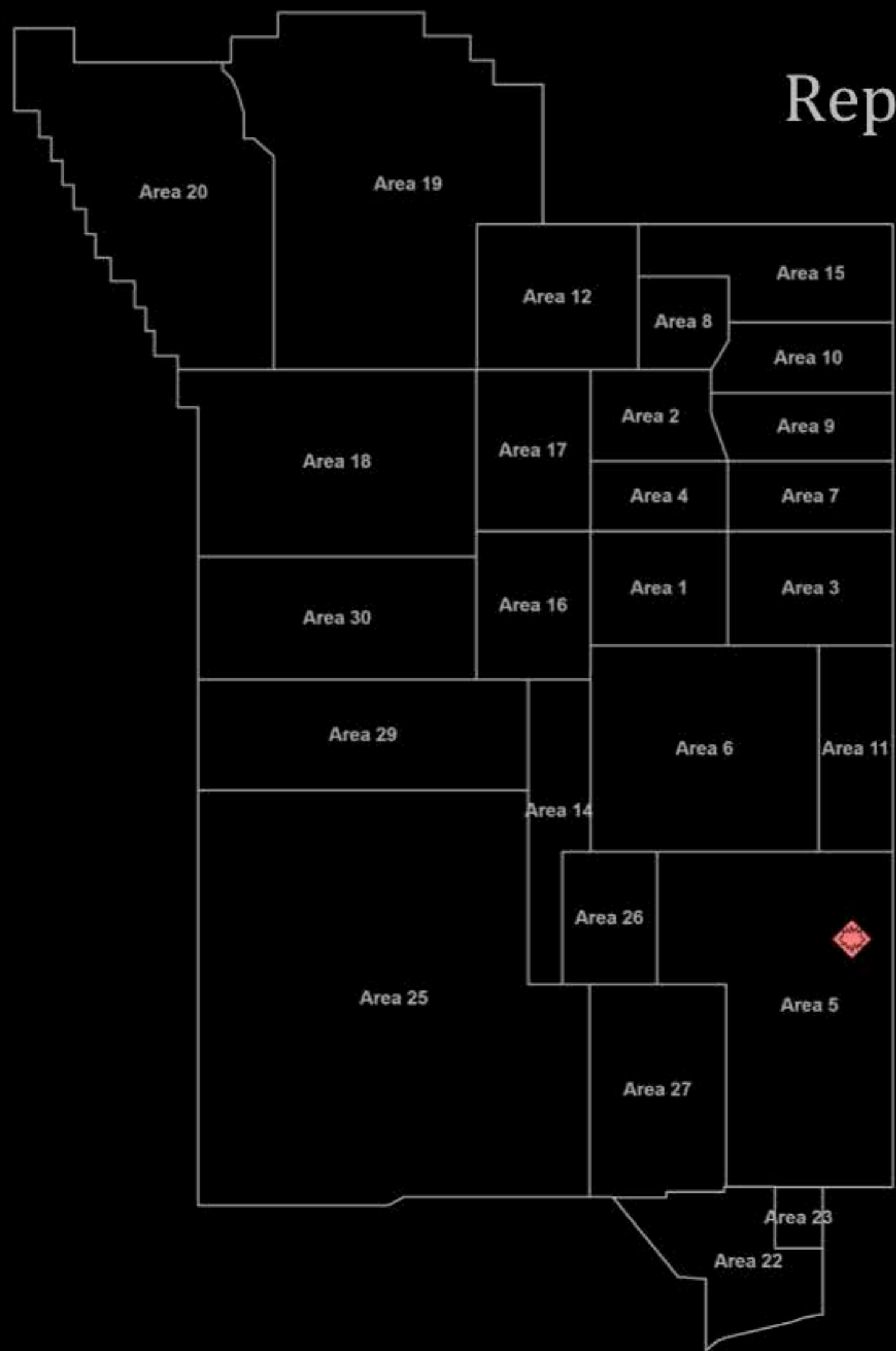


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

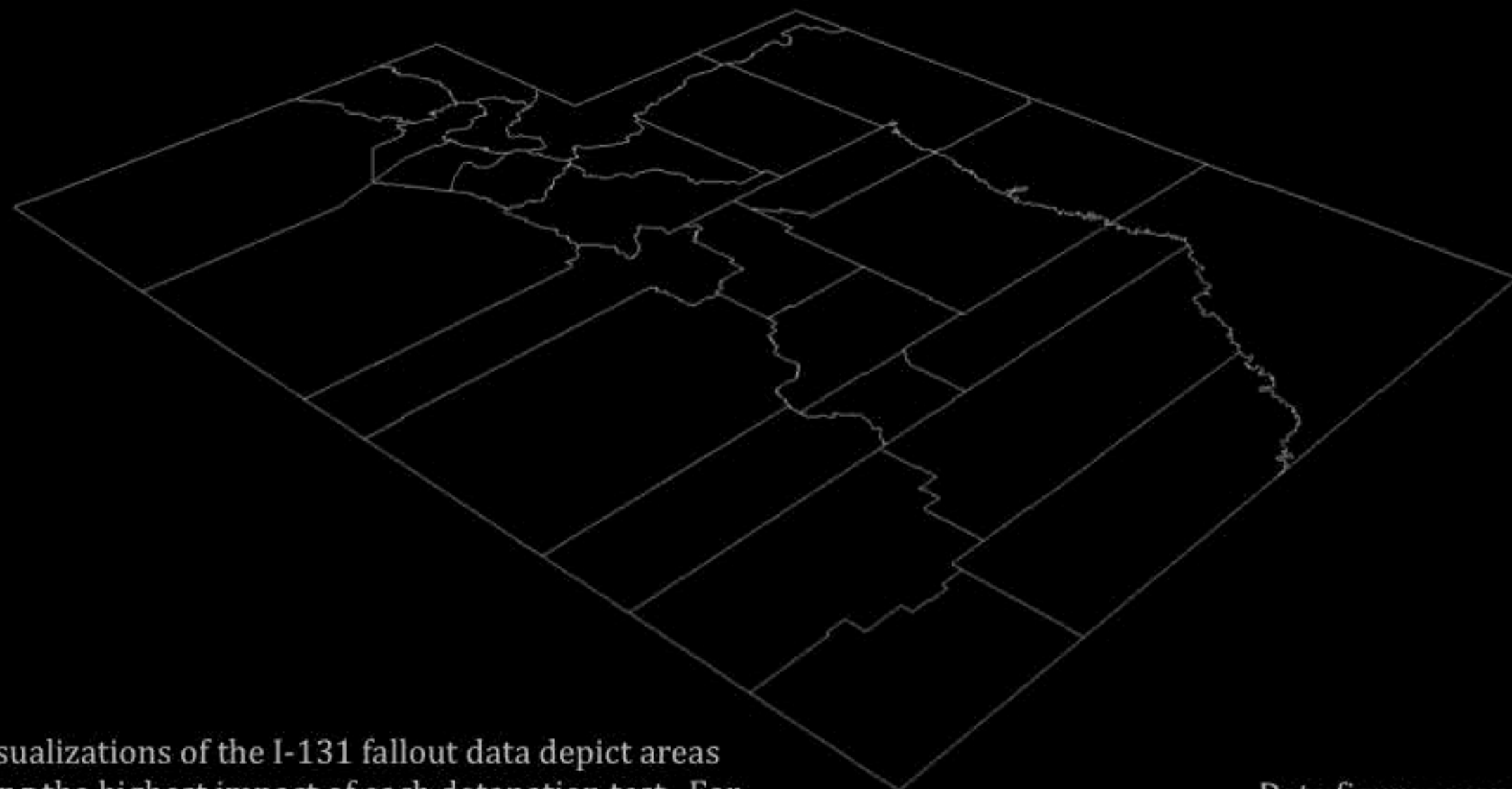
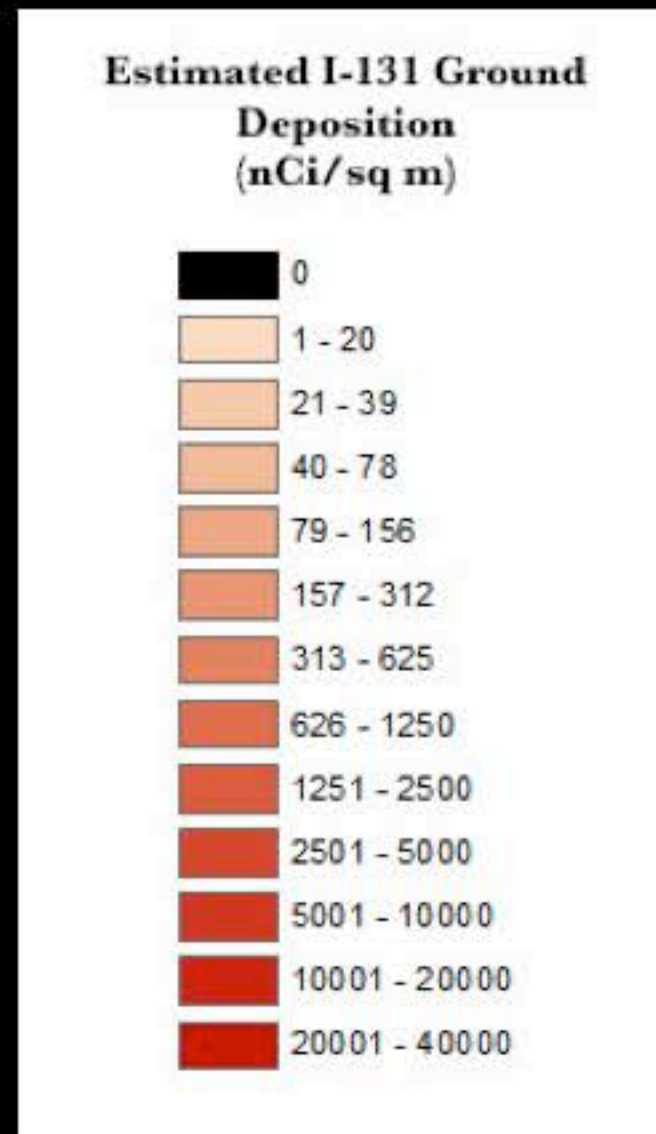


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Ranger Baker-II Event February 2, 1951



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Baker-II occurred within Area 5 of the testing boundaries.

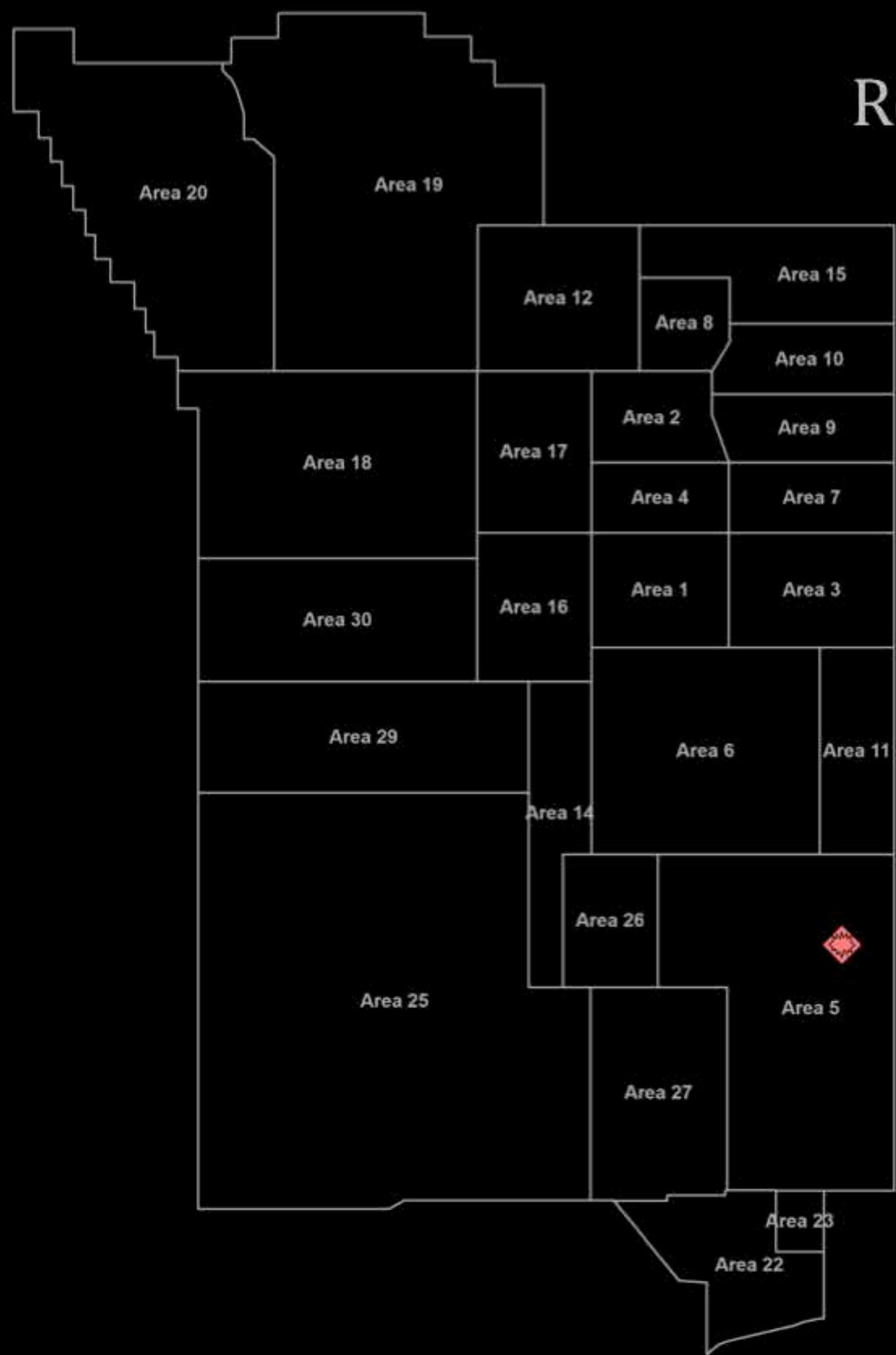


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

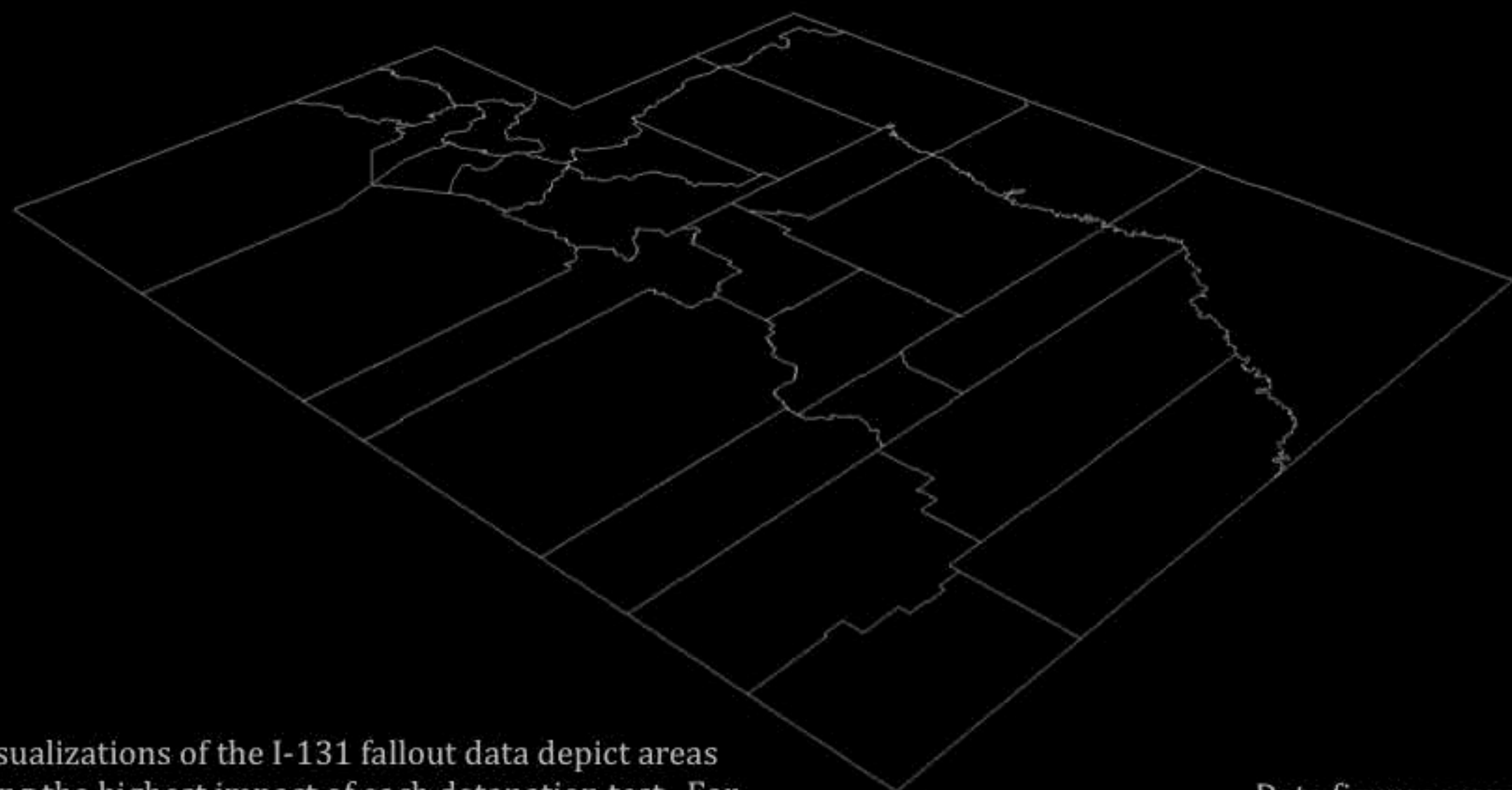
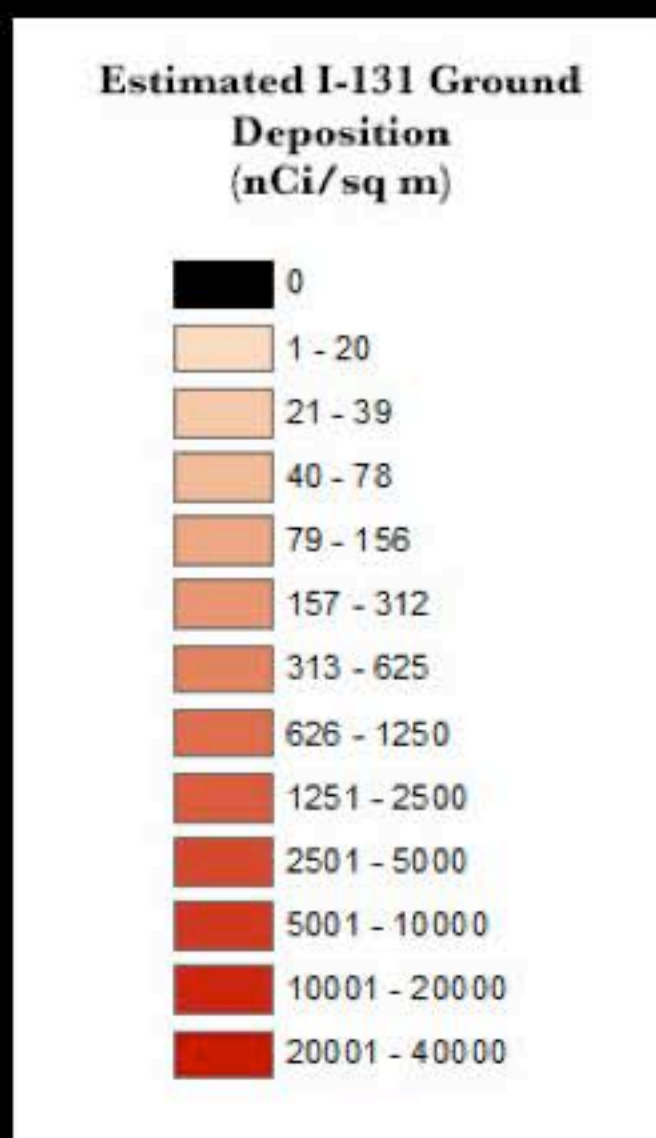


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Ranger Fox Event February 6, 1951



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Fox occurred within Area 5 of the testing boundaries.

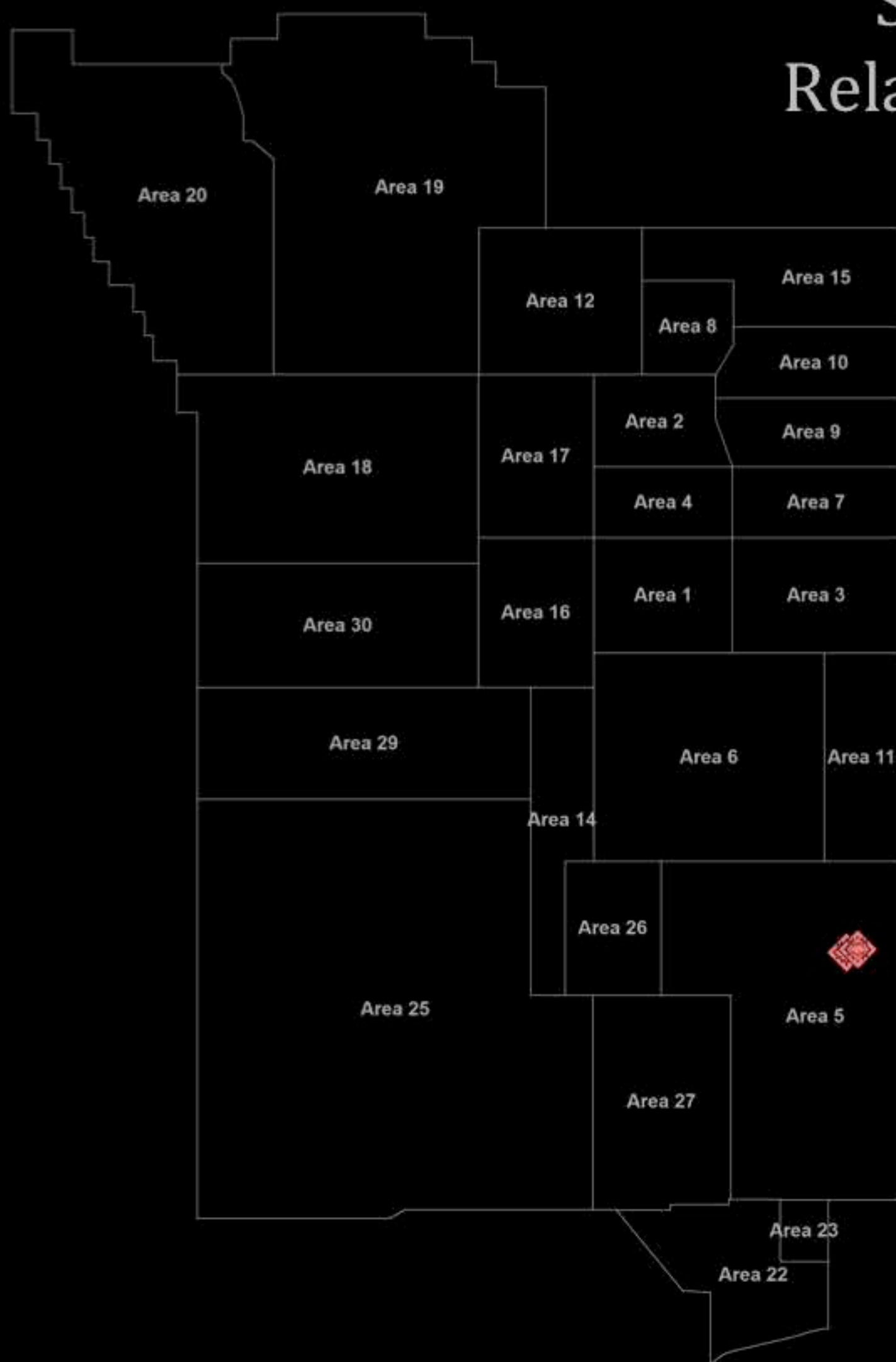


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

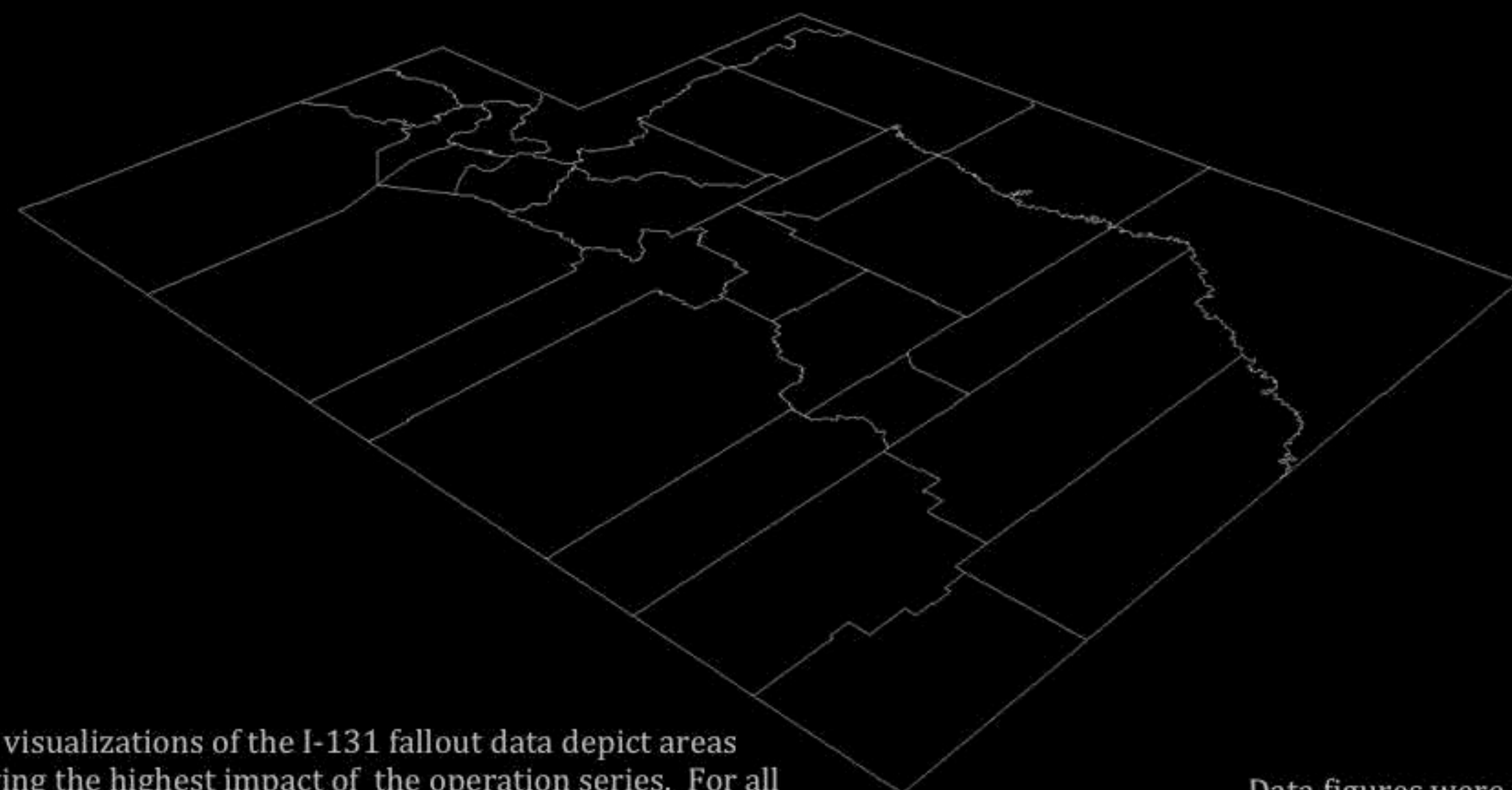
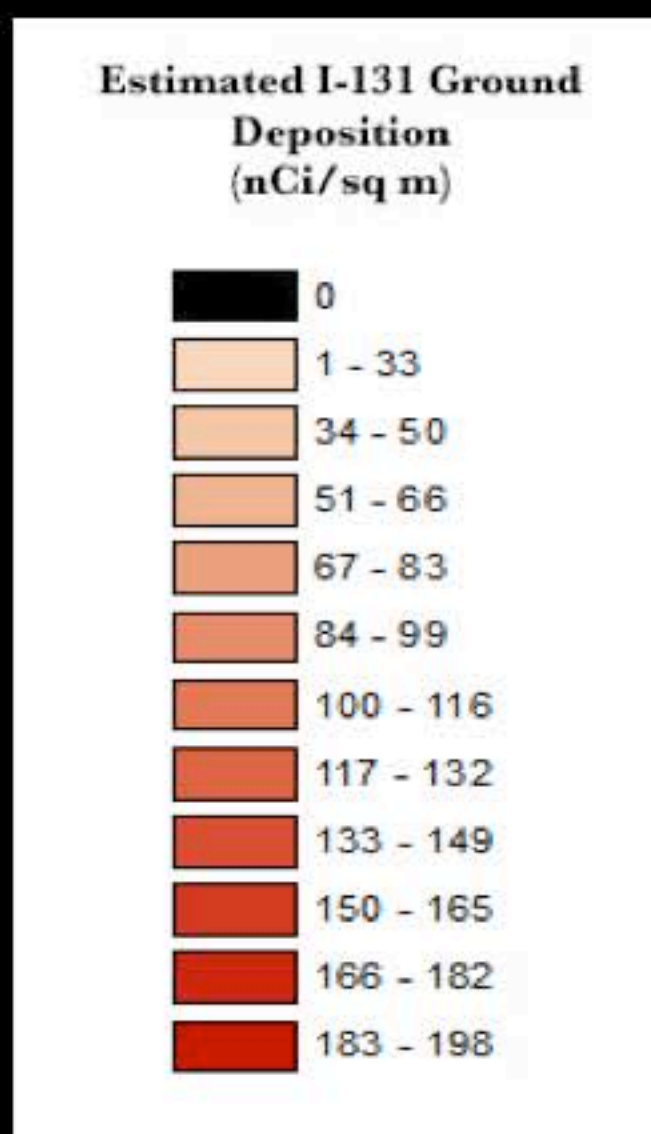


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

Summarized I-131 Ground Deposition Levels Related to All Operation Ranger Atmospheric Tests January 27, 1951 – February 6, 1951



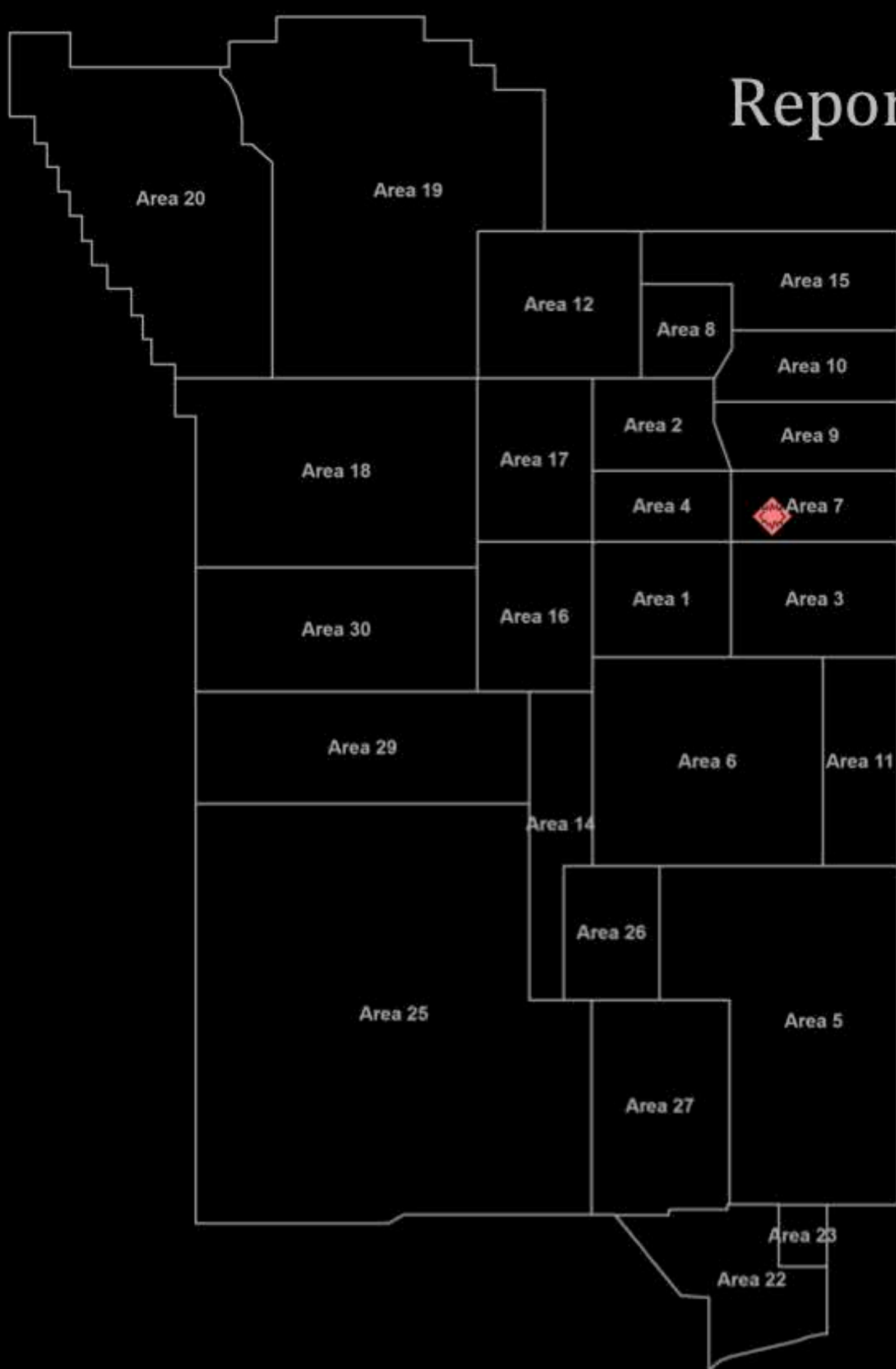
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. During the Operation Ranger series, 5 tests were conducted; however, only 3 of these tests were included in the National Cancer Institute study.



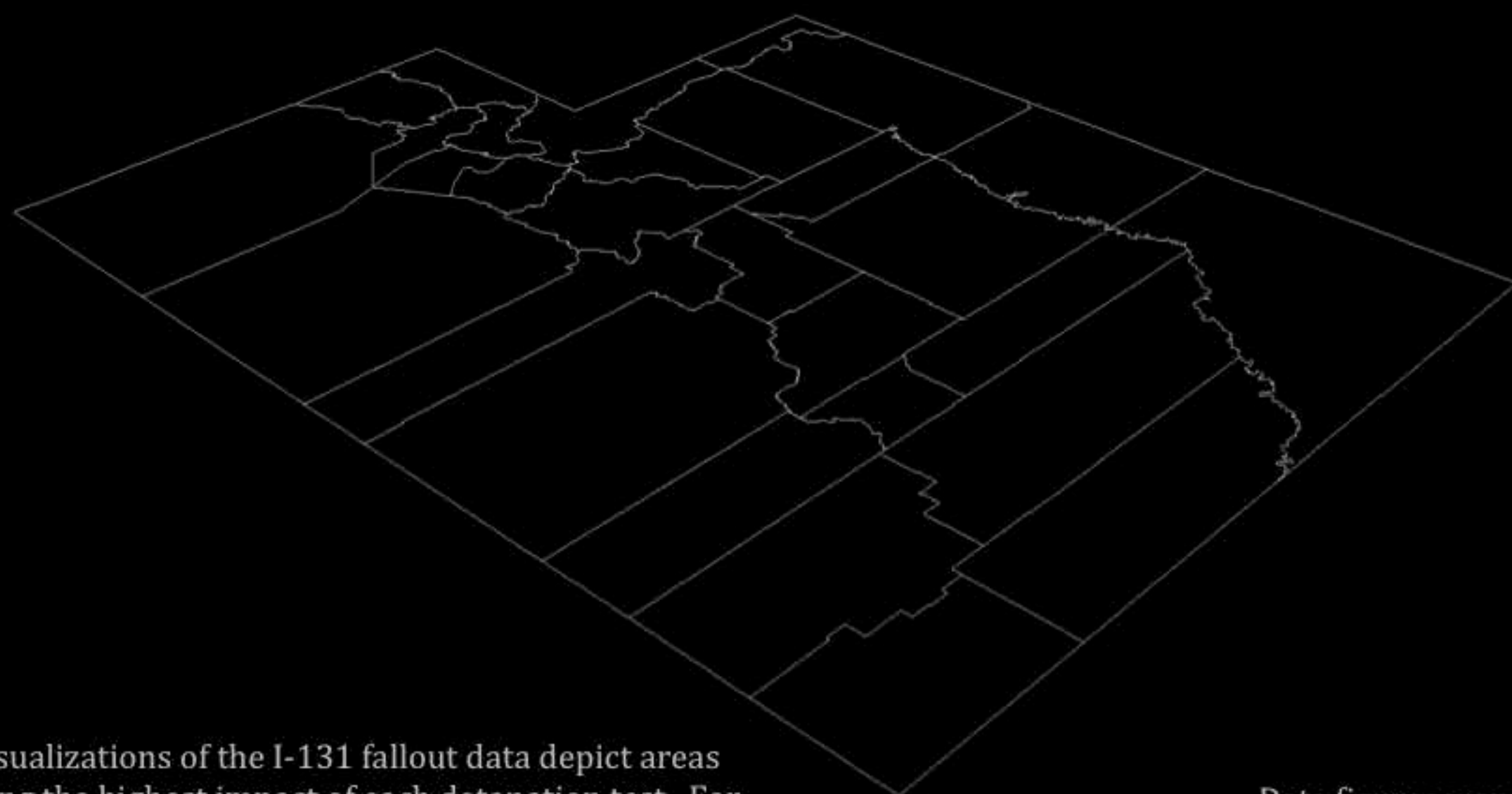
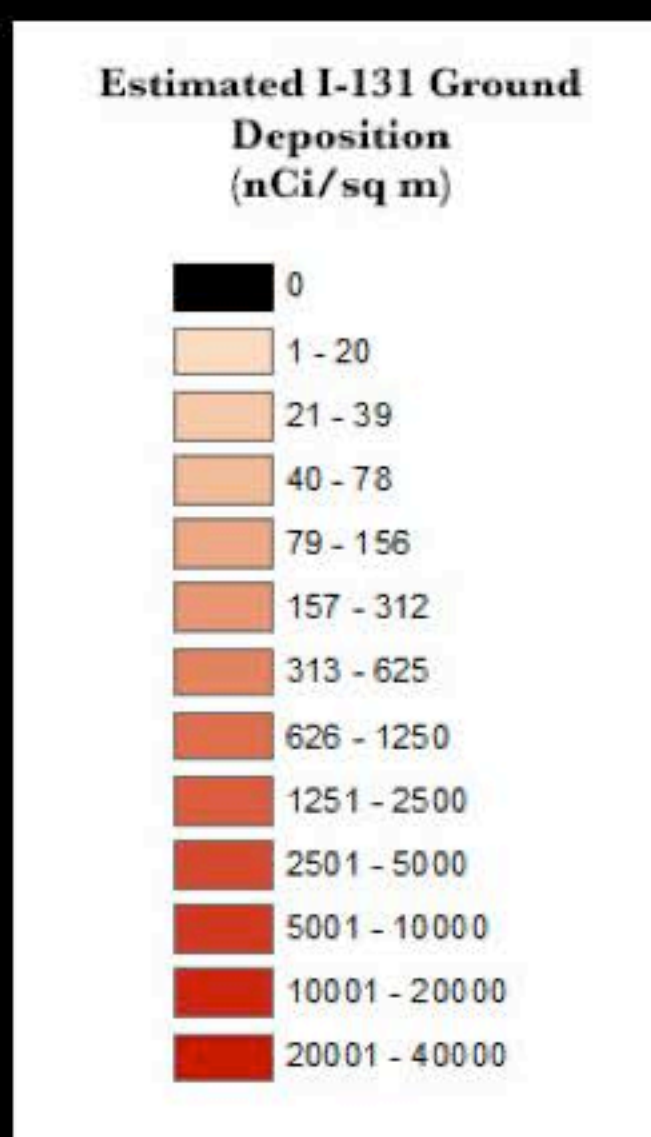
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of the operation series. For all tests conducted during the Operation Ranger series, the data shows no observable levels of fallout in any of the Utah counties.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the summarized geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to all events of the Operation Ranger series.

I-131 Ground Deposition Levels Reported for the Operation Buster-Jangle Baker Event October 28, 1951



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Baker occurred within Area 7 of the testing boundaries.

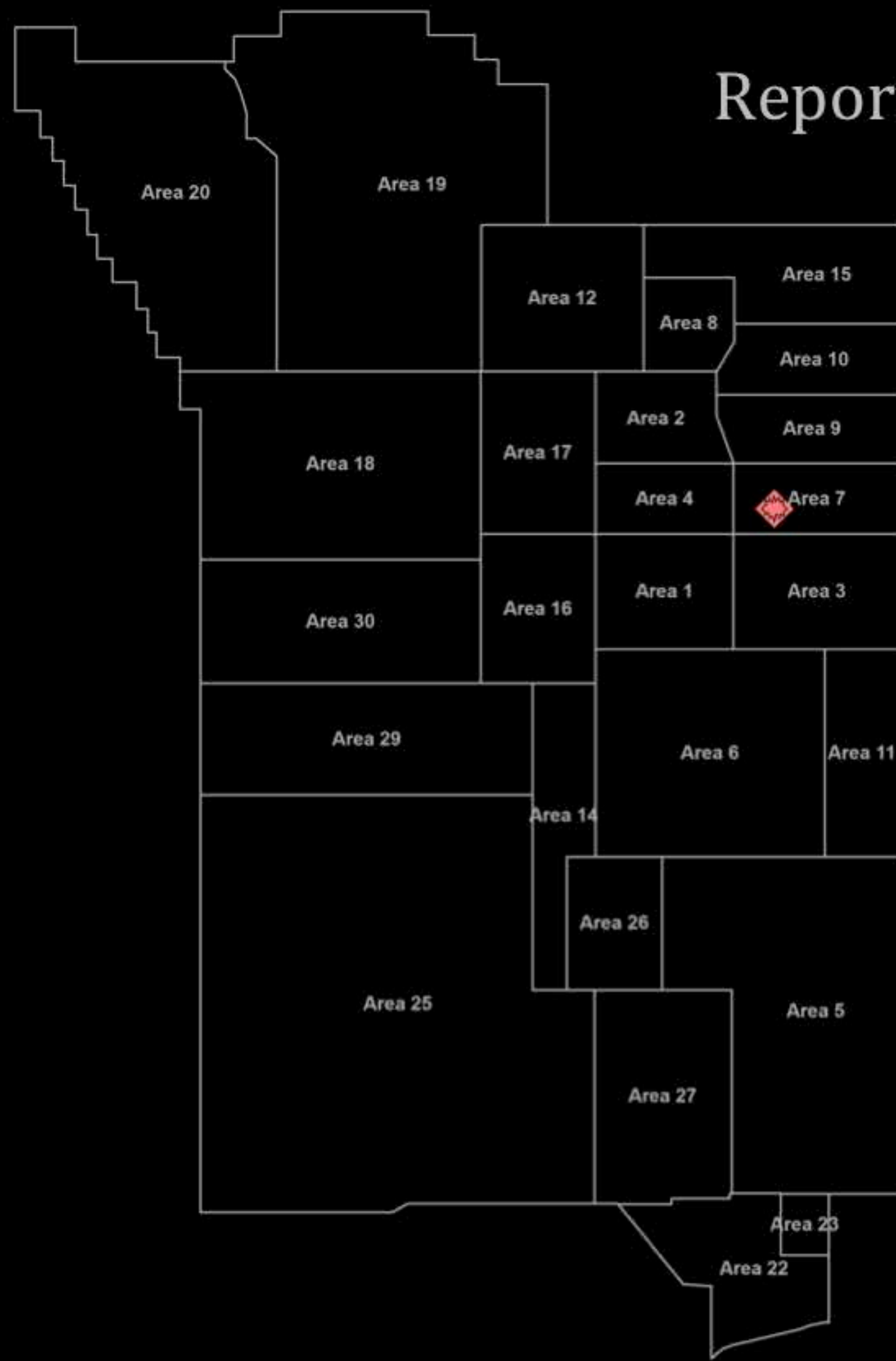


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

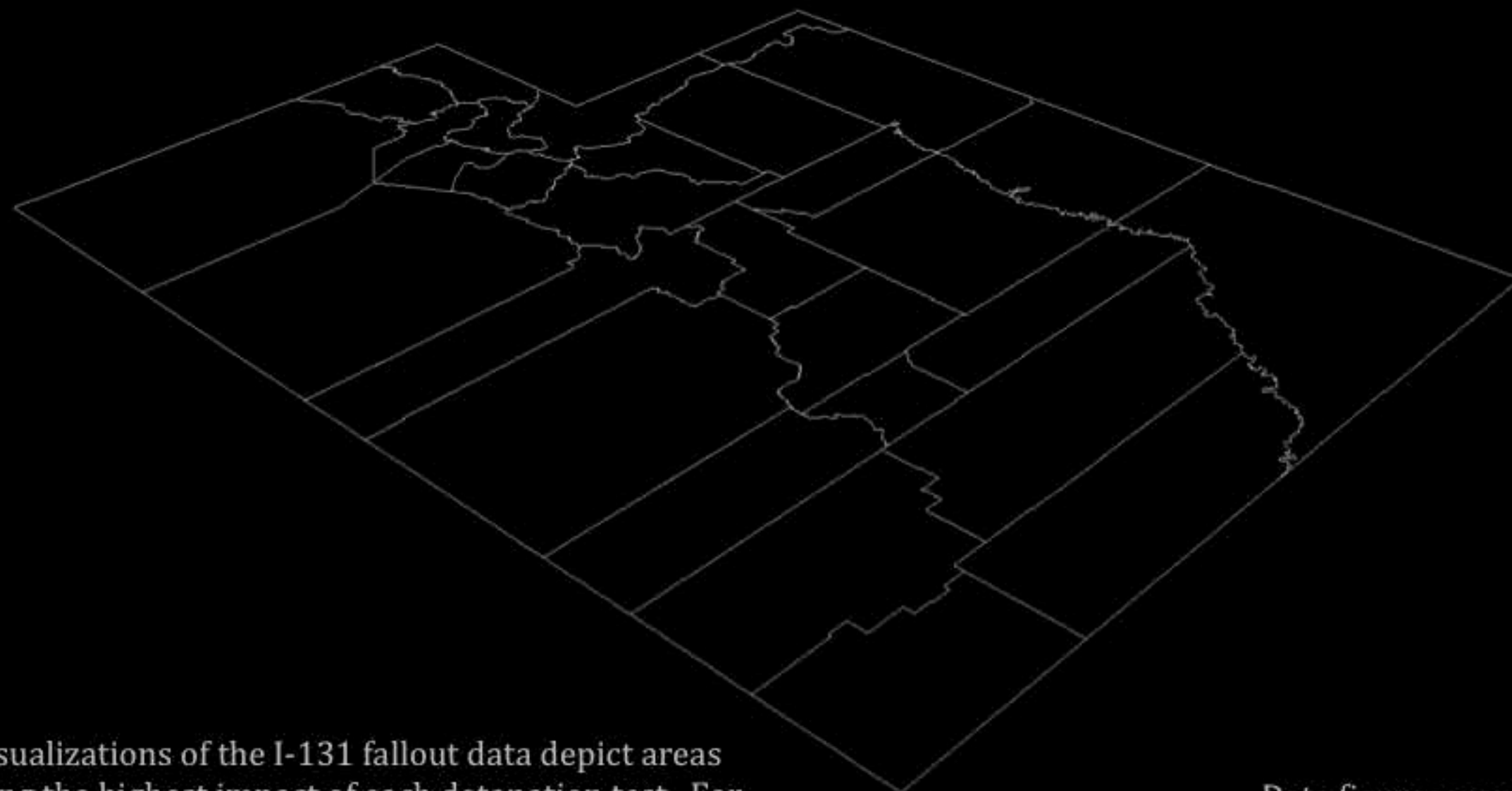
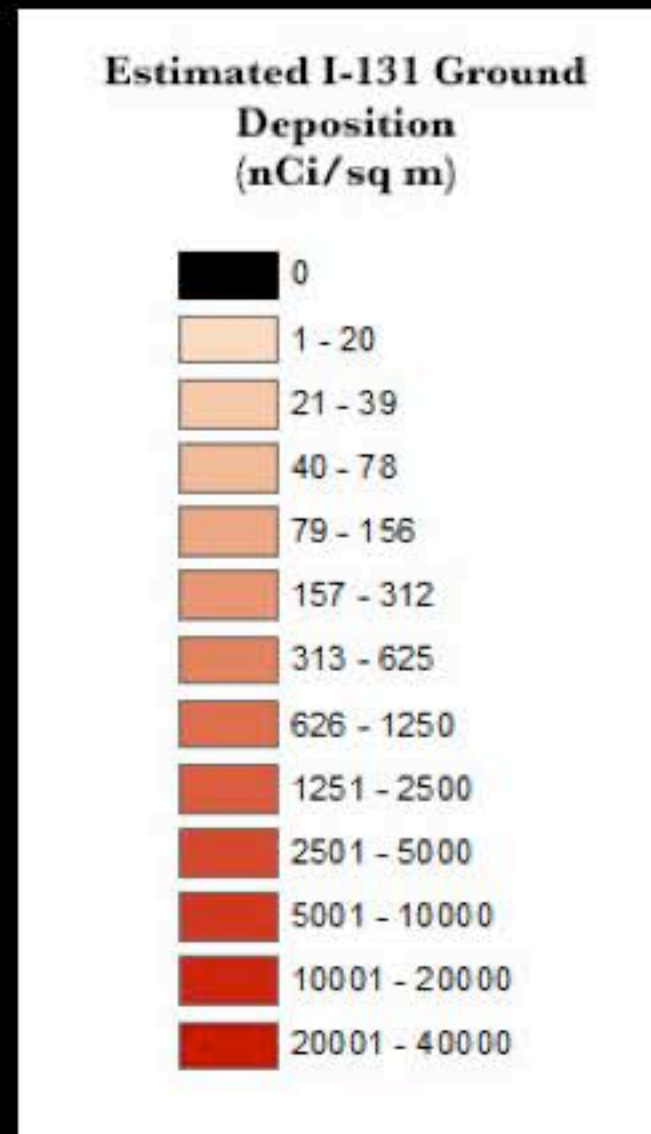


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Buster-Jangle Charlie Event October 30, 1951



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Charlie occurred within Area 7 of the testing boundaries.

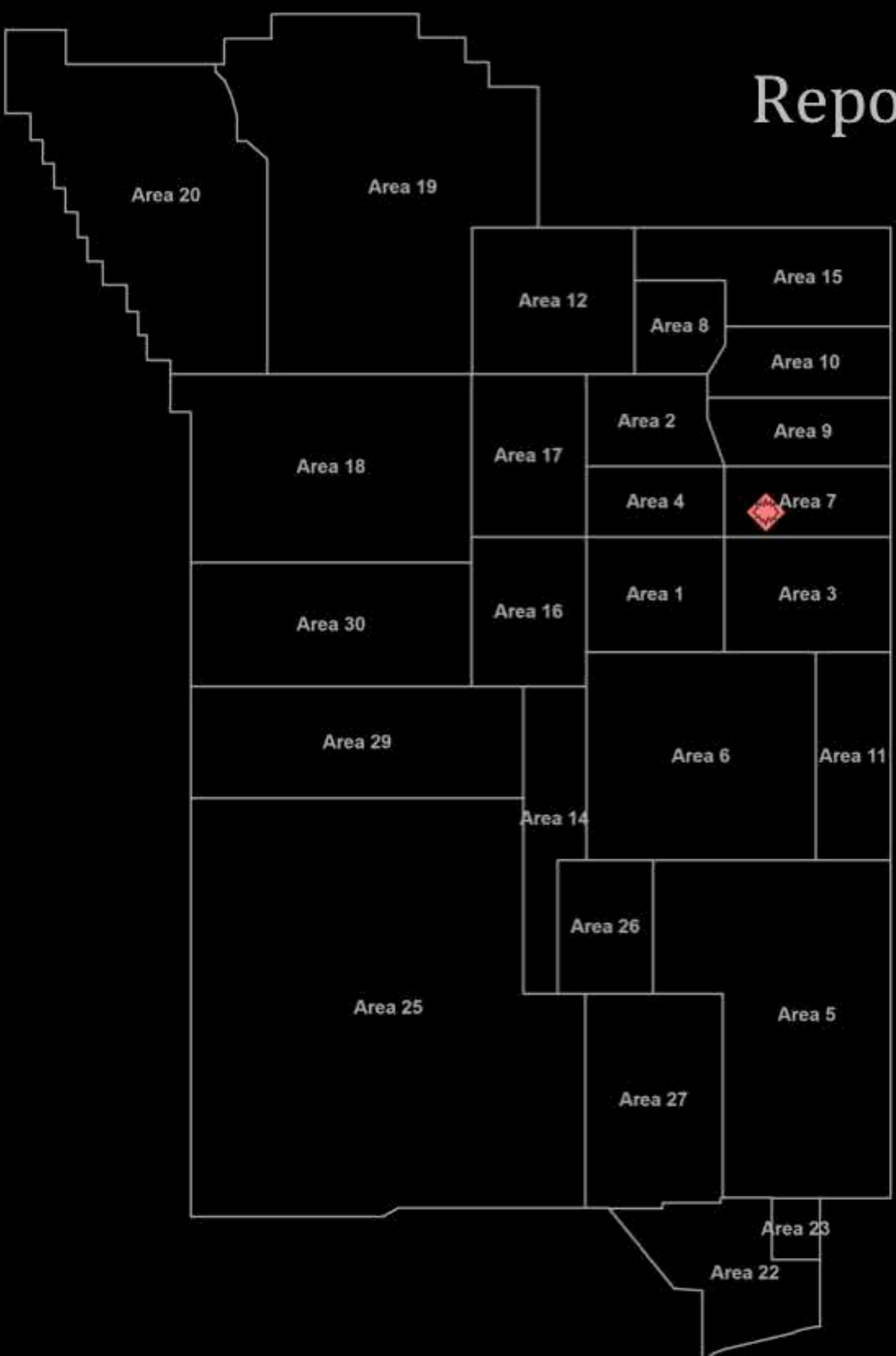


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

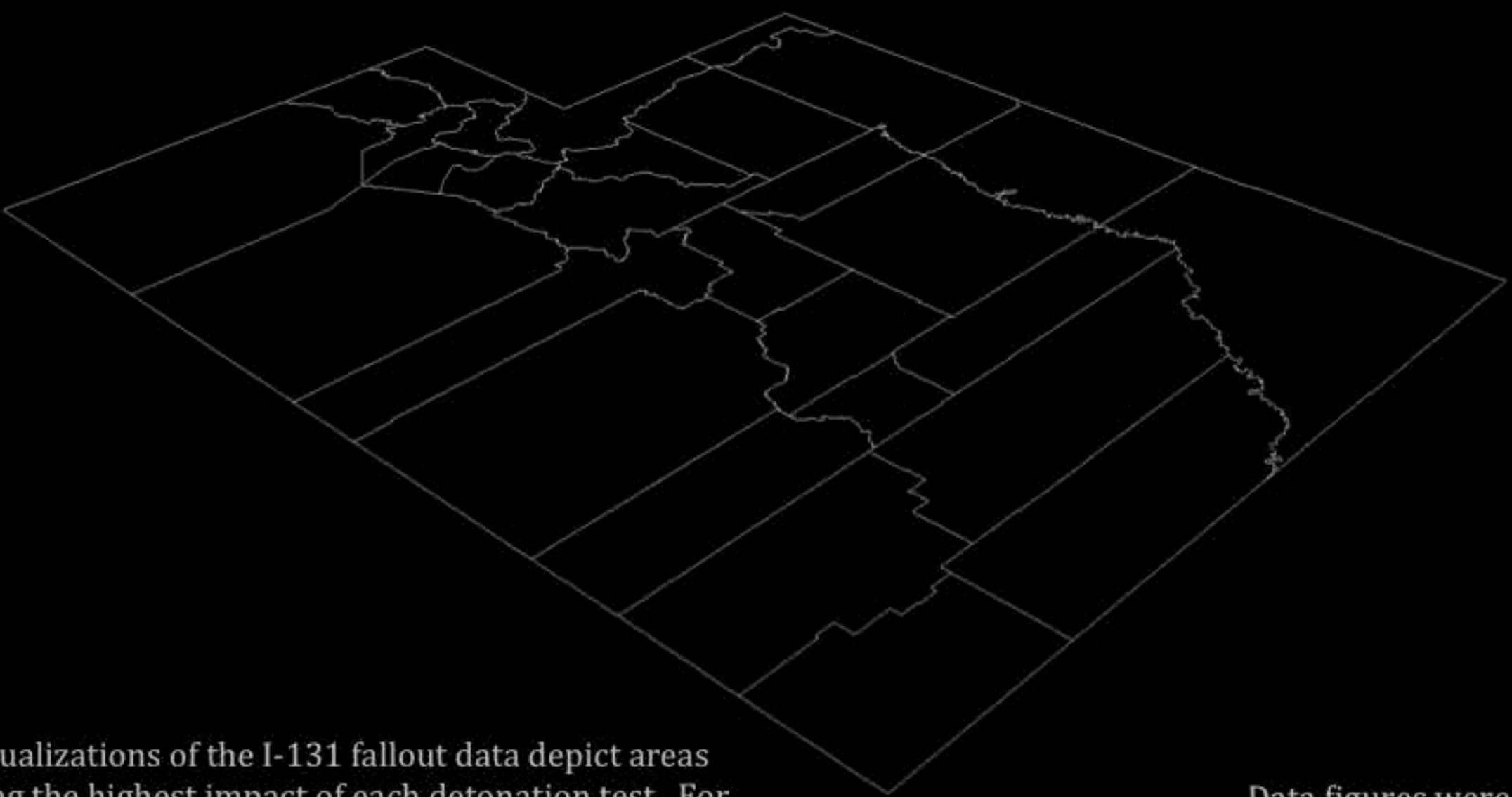
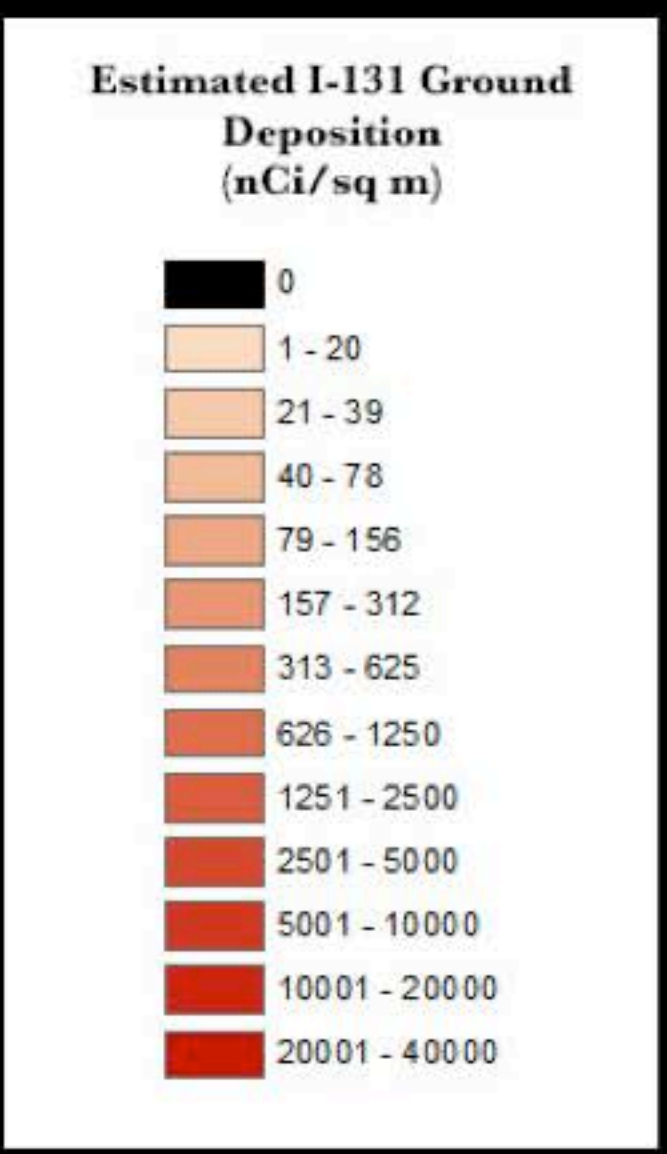


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Buster-Jangle Dog Event November 1, 1951



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Dog occurred within Area 7 of the testing boundaries.

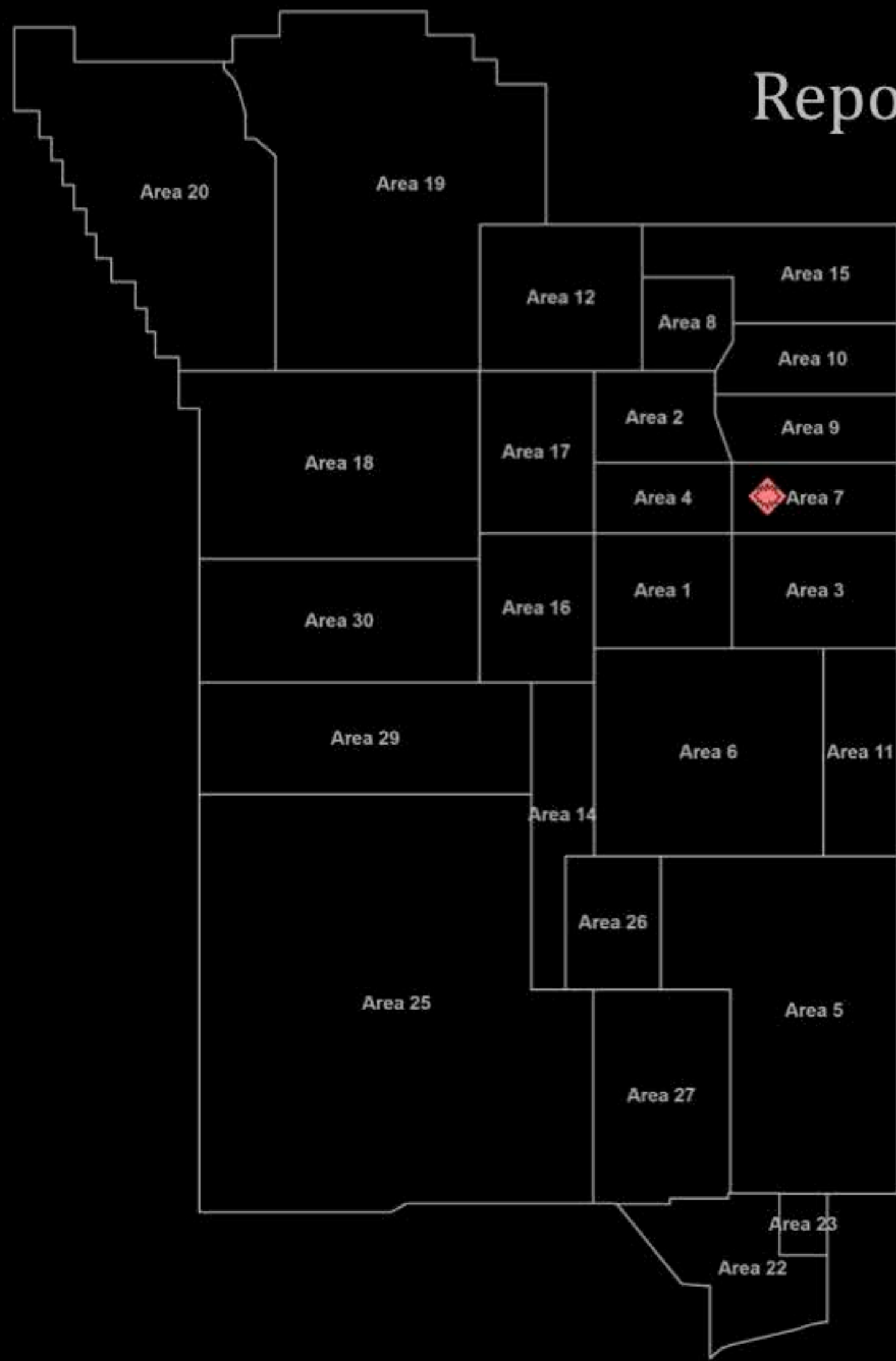


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

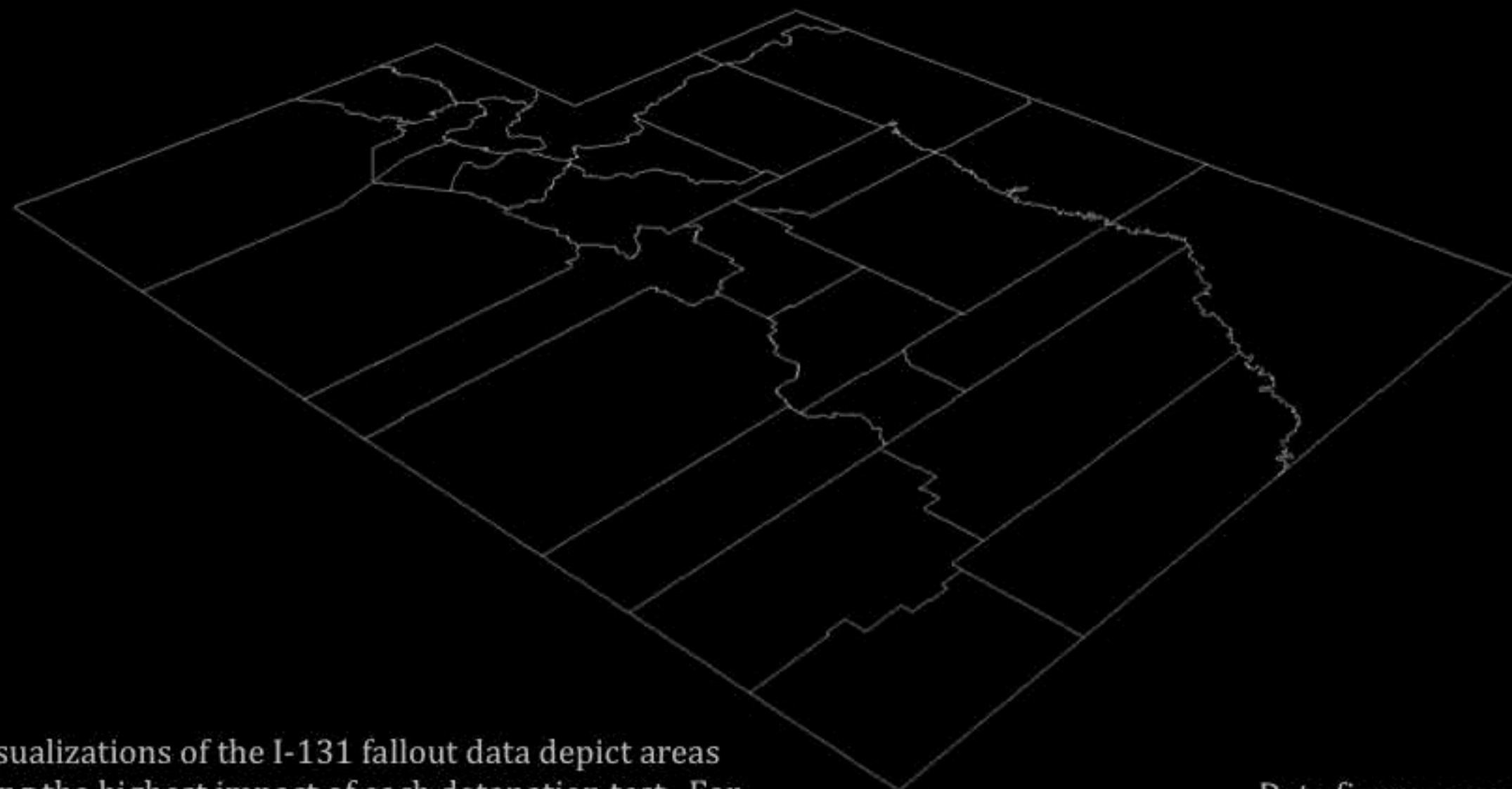
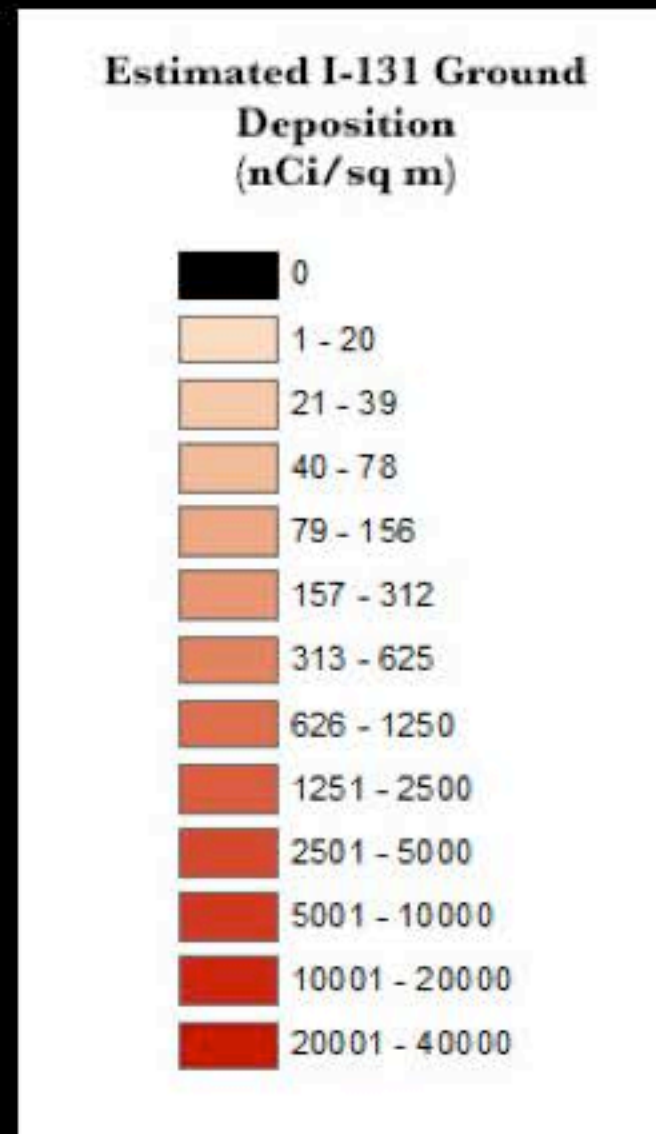


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Buster-Jangle Easy Event November 5, 1951



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Easy occurred within Area 7 of the testing boundaries.

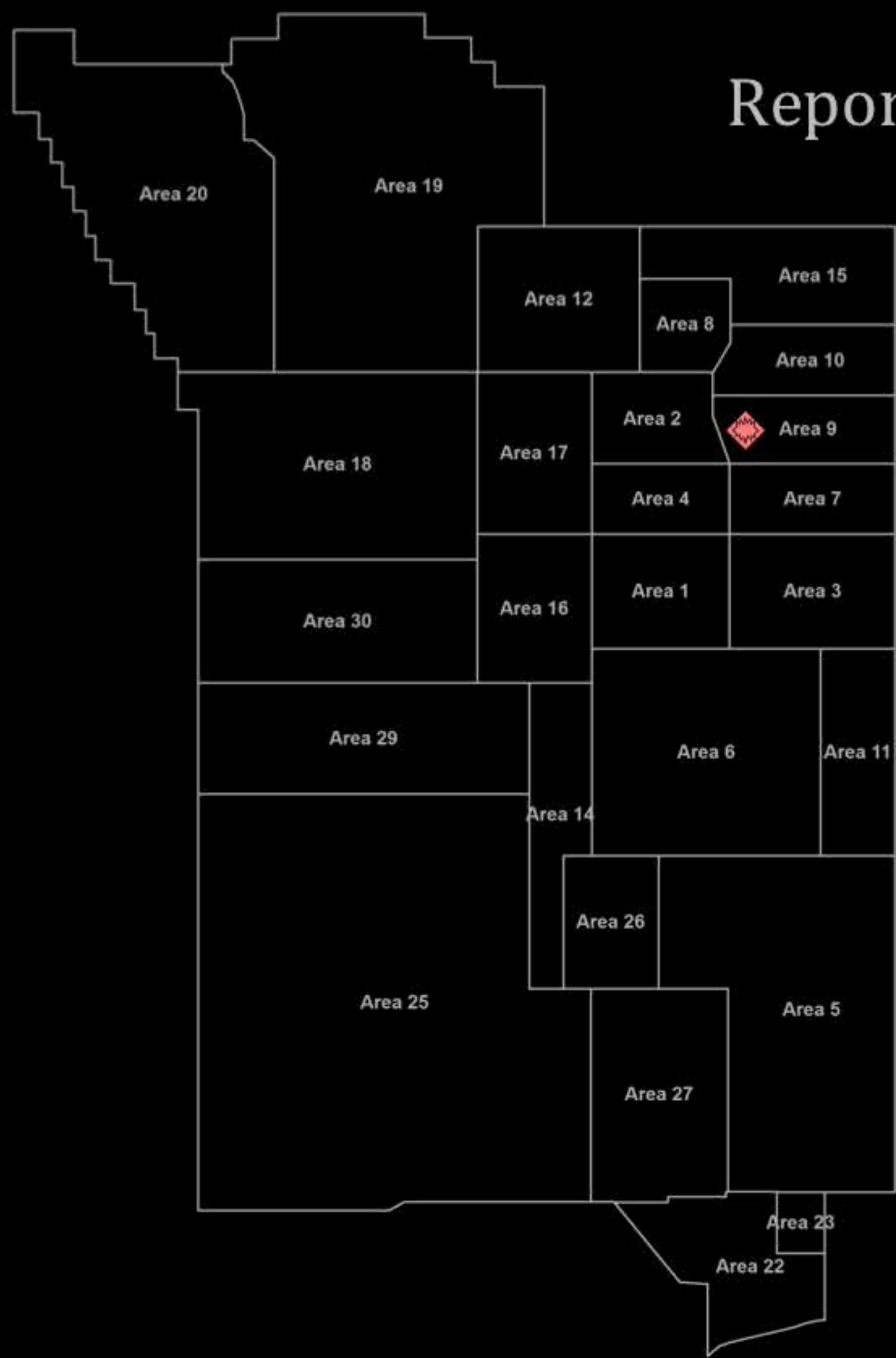


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

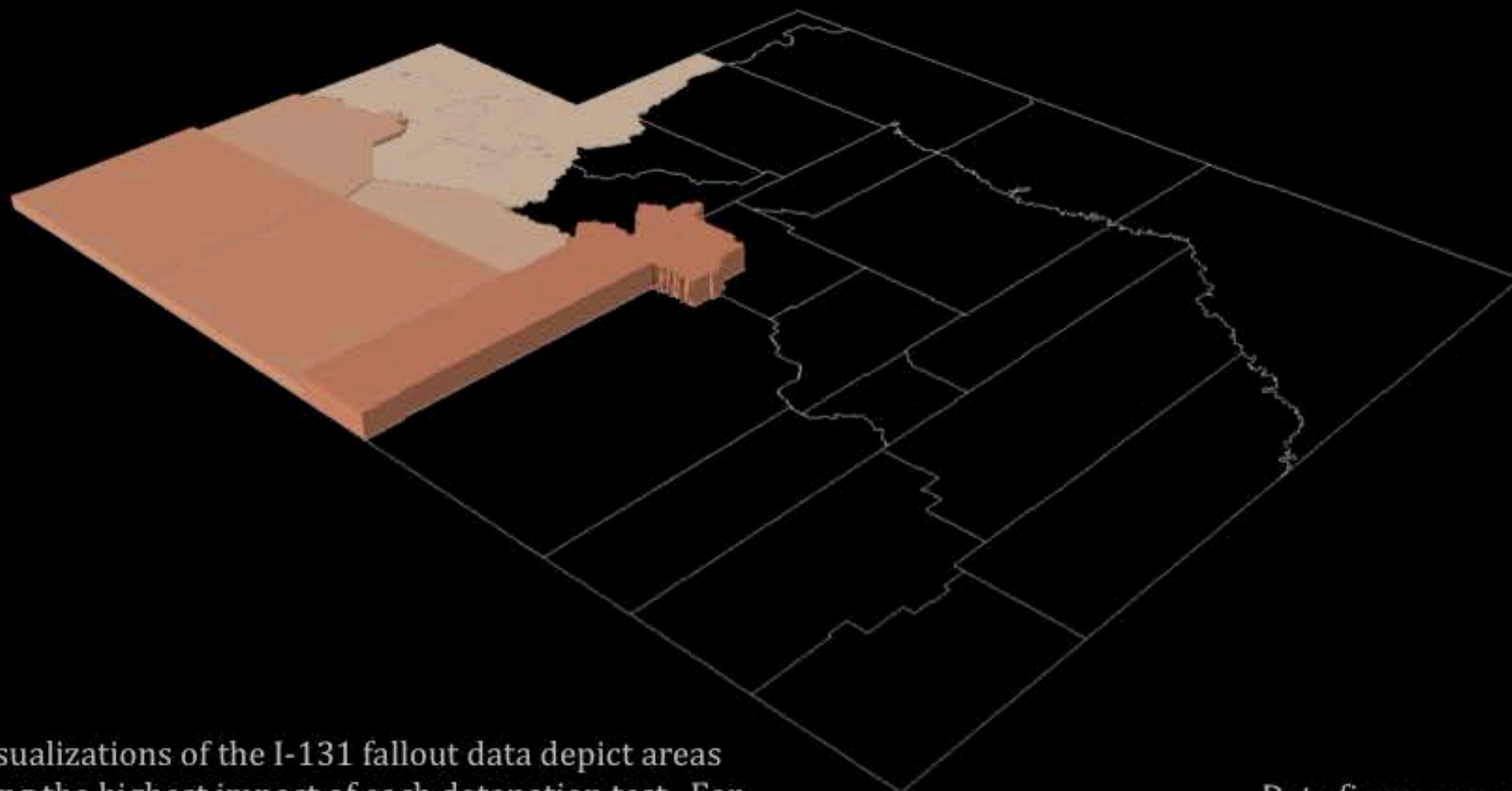
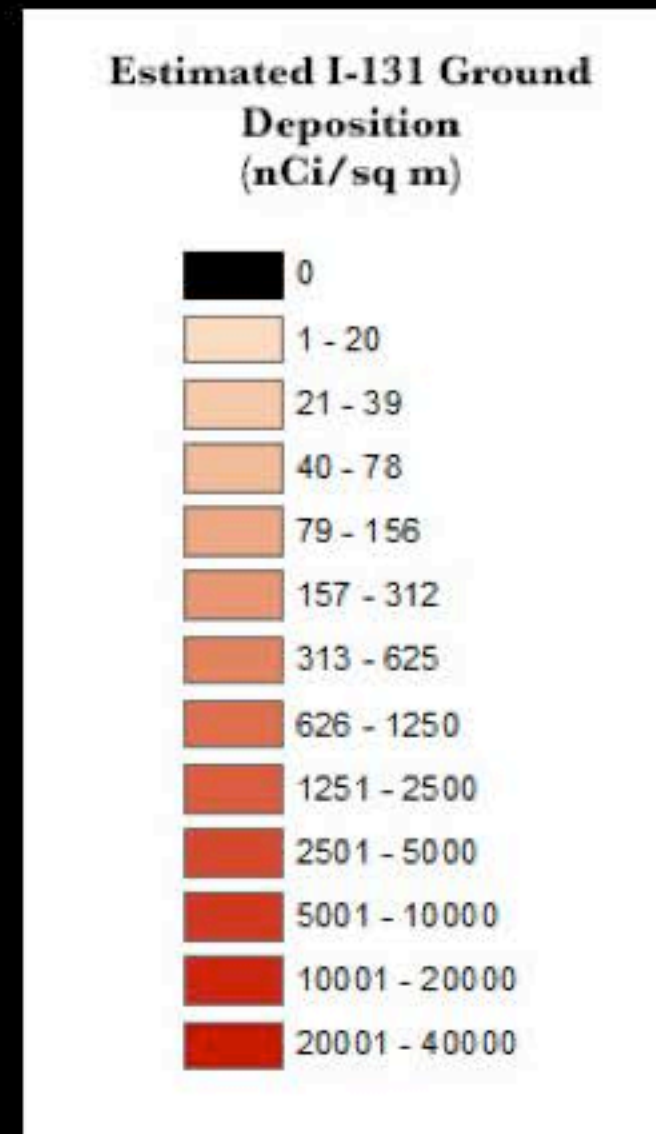


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

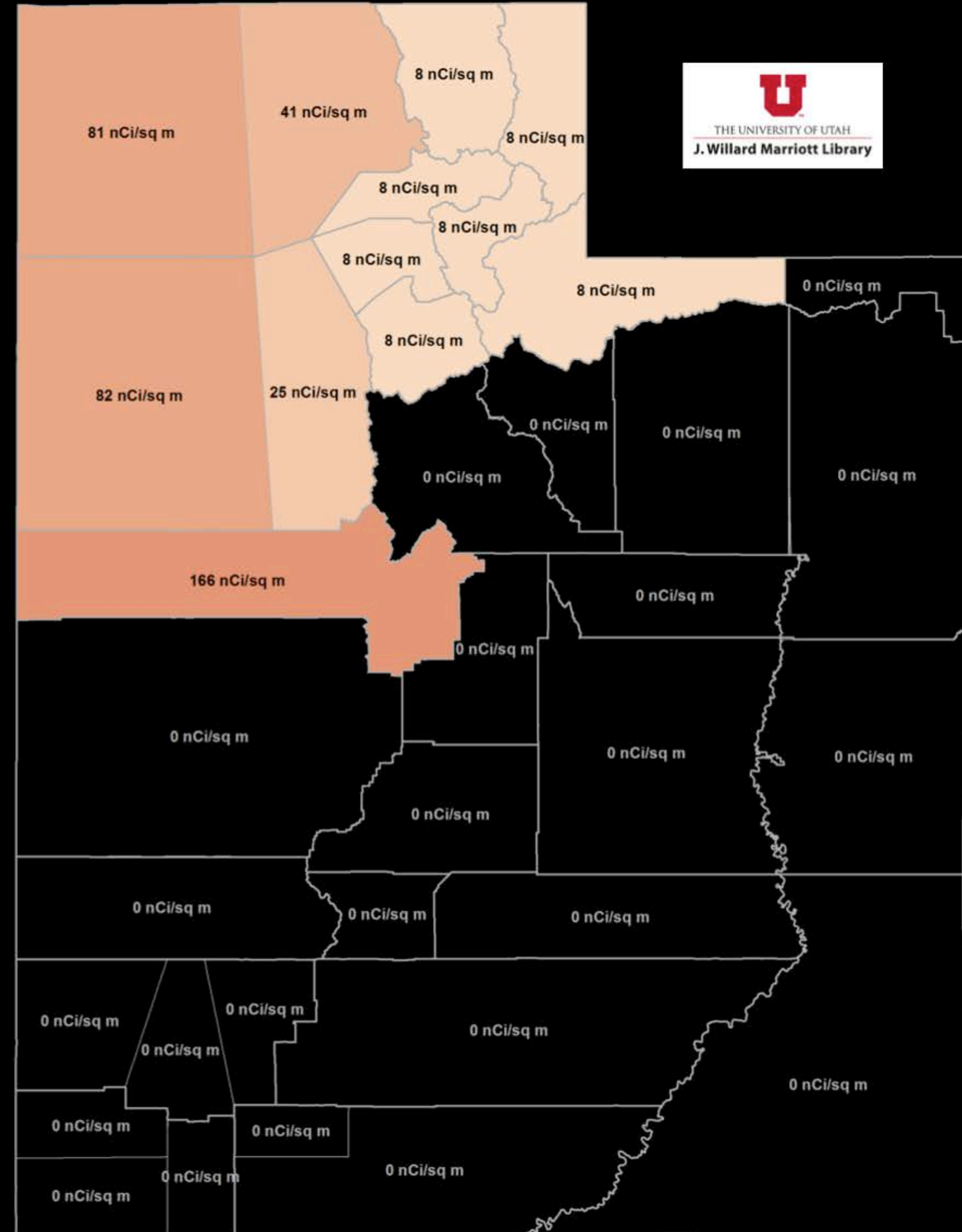
I-131 Ground Deposition Levels Reported for the Operation Buster-Jangle Sugar Event November 19, 1951



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Sugar occurred within Area 9 of the testing boundaries.

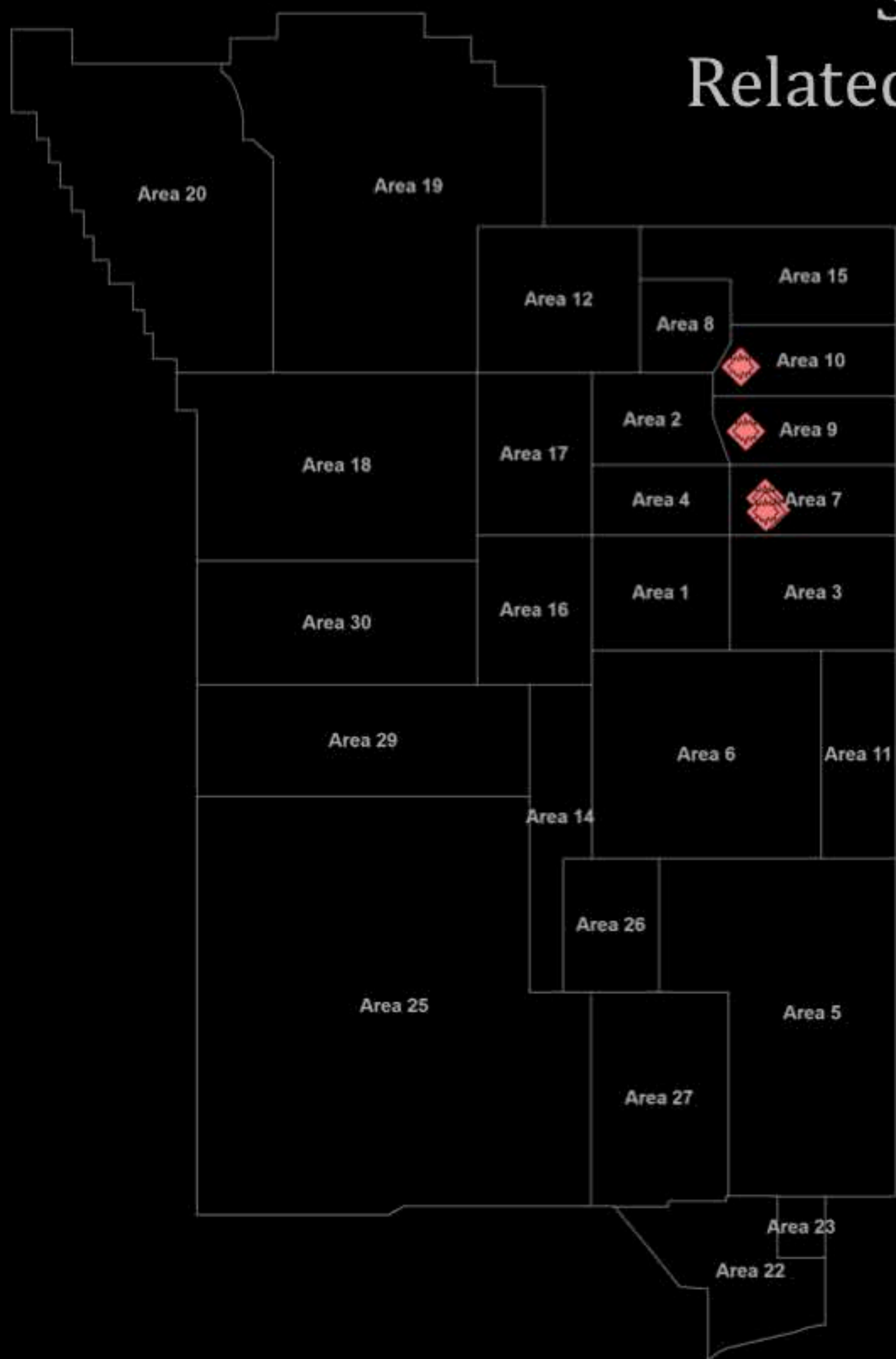


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Juab county @ 166 nCi/sq. m.

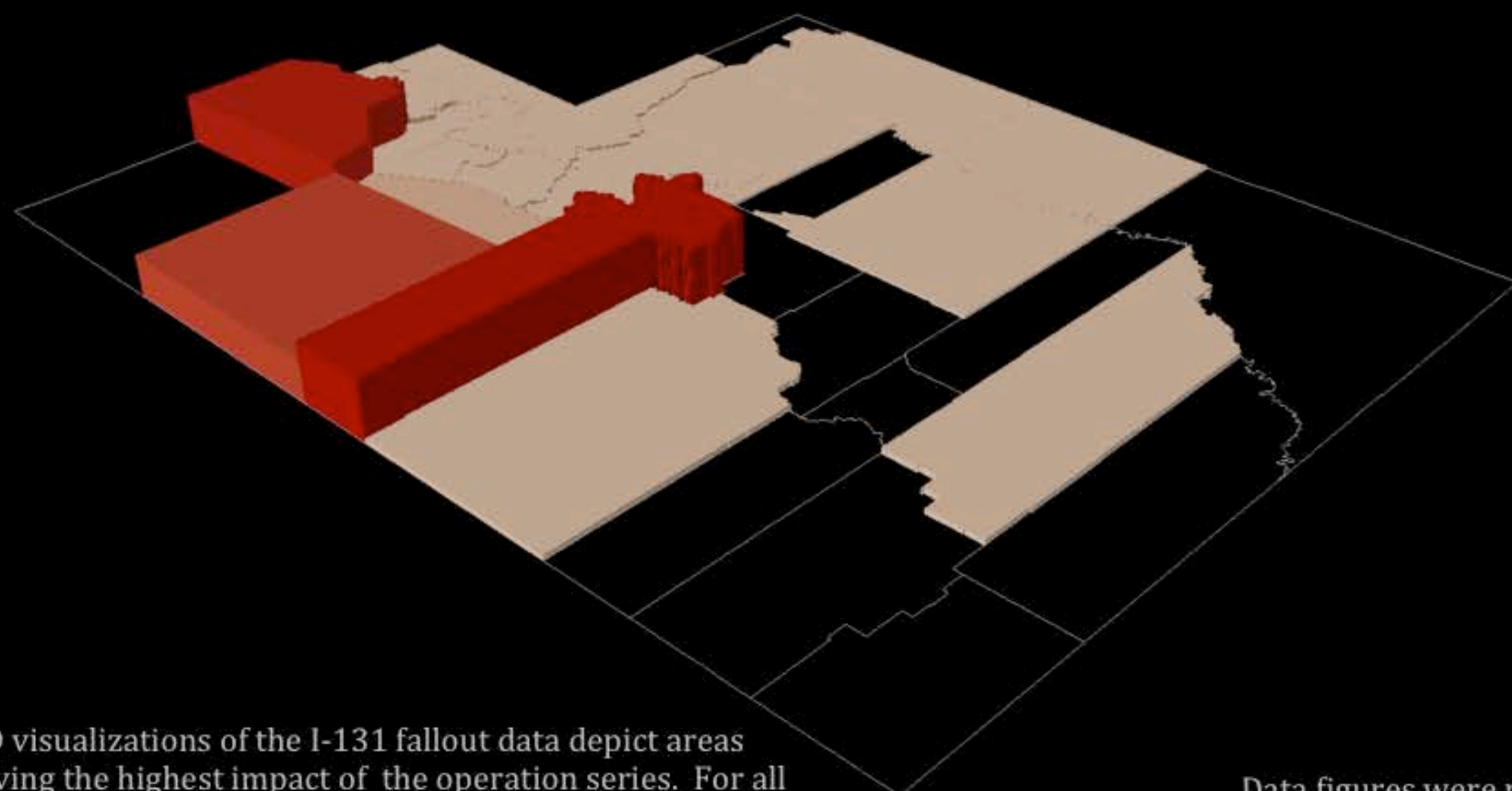
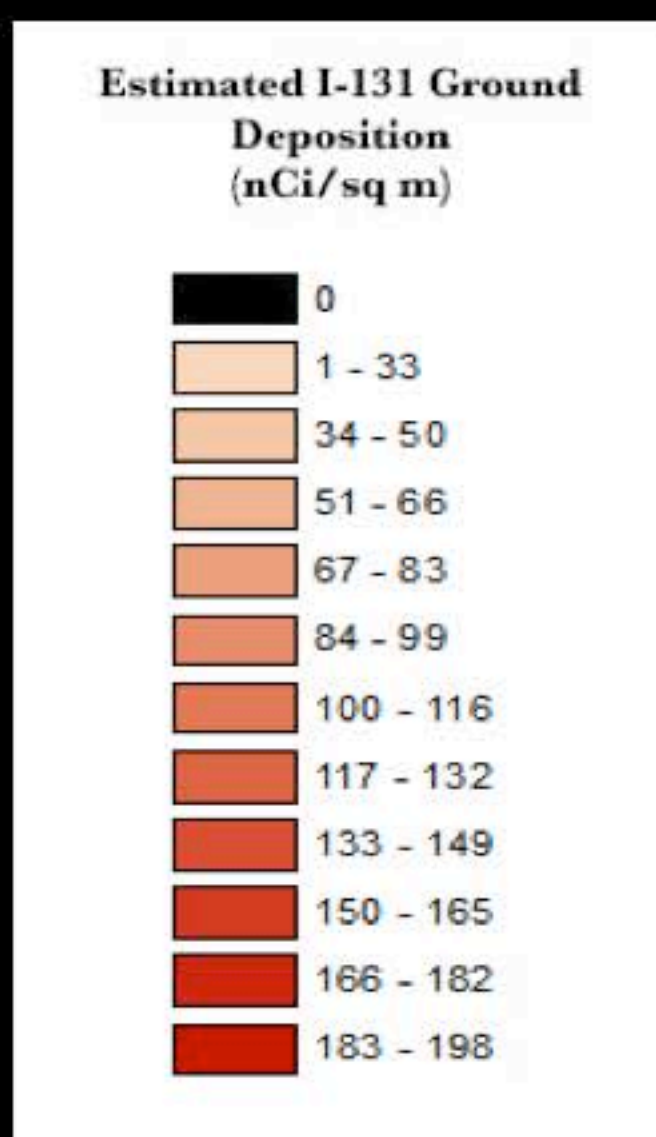


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

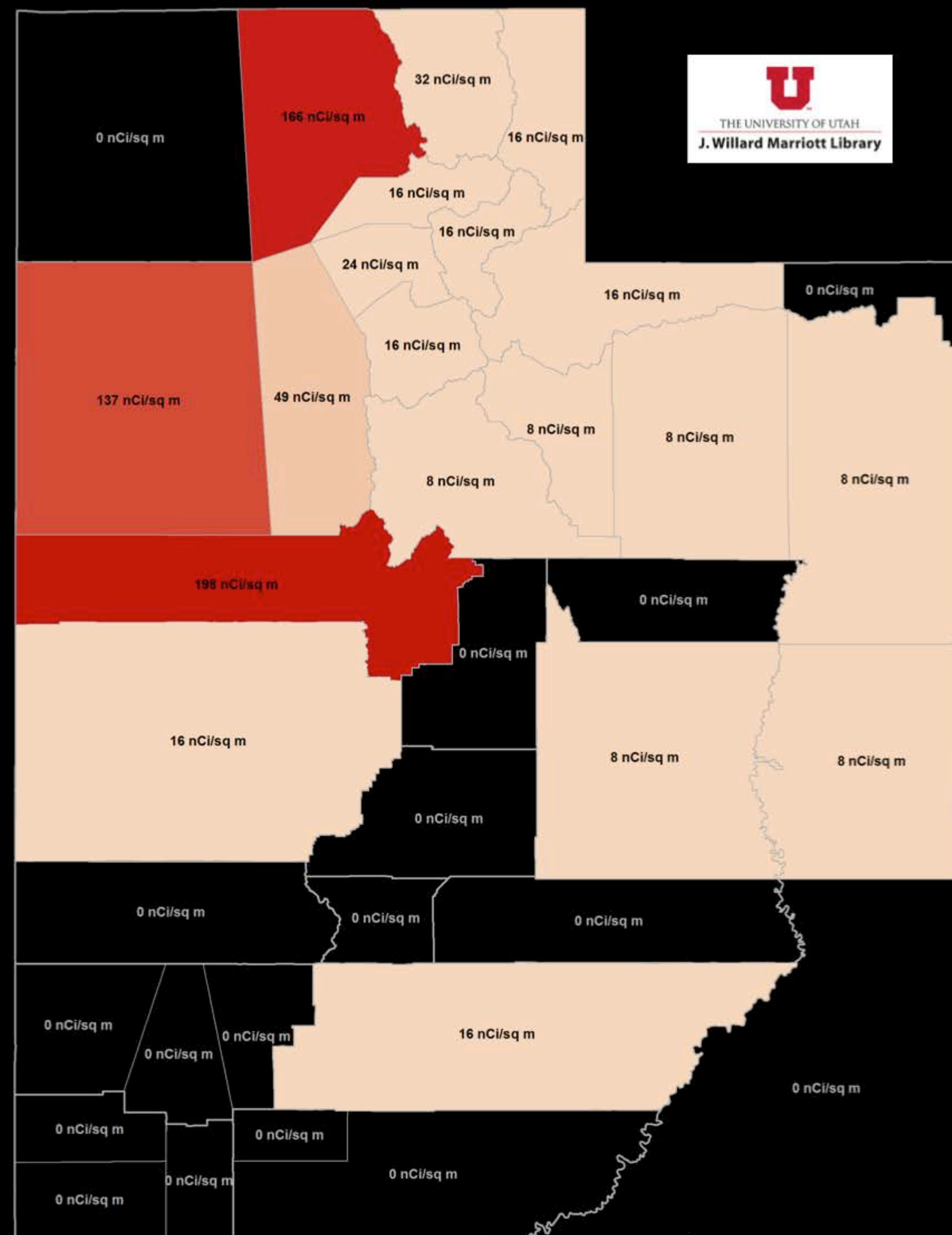
Summarized I-131 Ground Deposition Levels Related to All Operation Buster-Jangle Atmospheric Tests October 22, 1951 – November 29, 1951



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. During the Operation Buster-Jangle series, 7 tests were conducted; however, only 6 of these tests were included in the National Cancer Institute study.

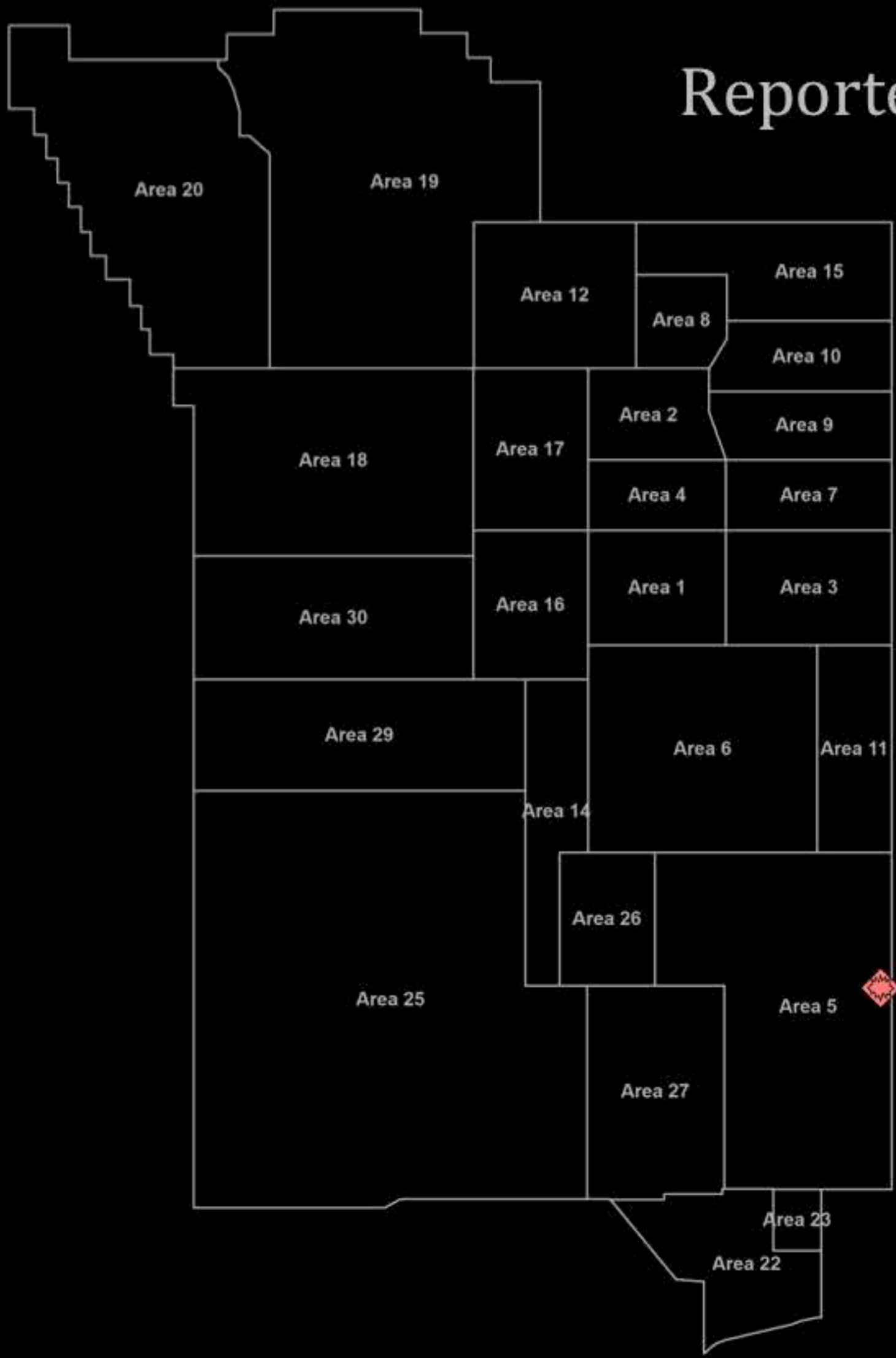


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of the operation series. For all tests conducted during the Operation Buster-Jangle series, the data shows the highest summarized level of fallout located in Juab county @ 198 nCi/sq m.



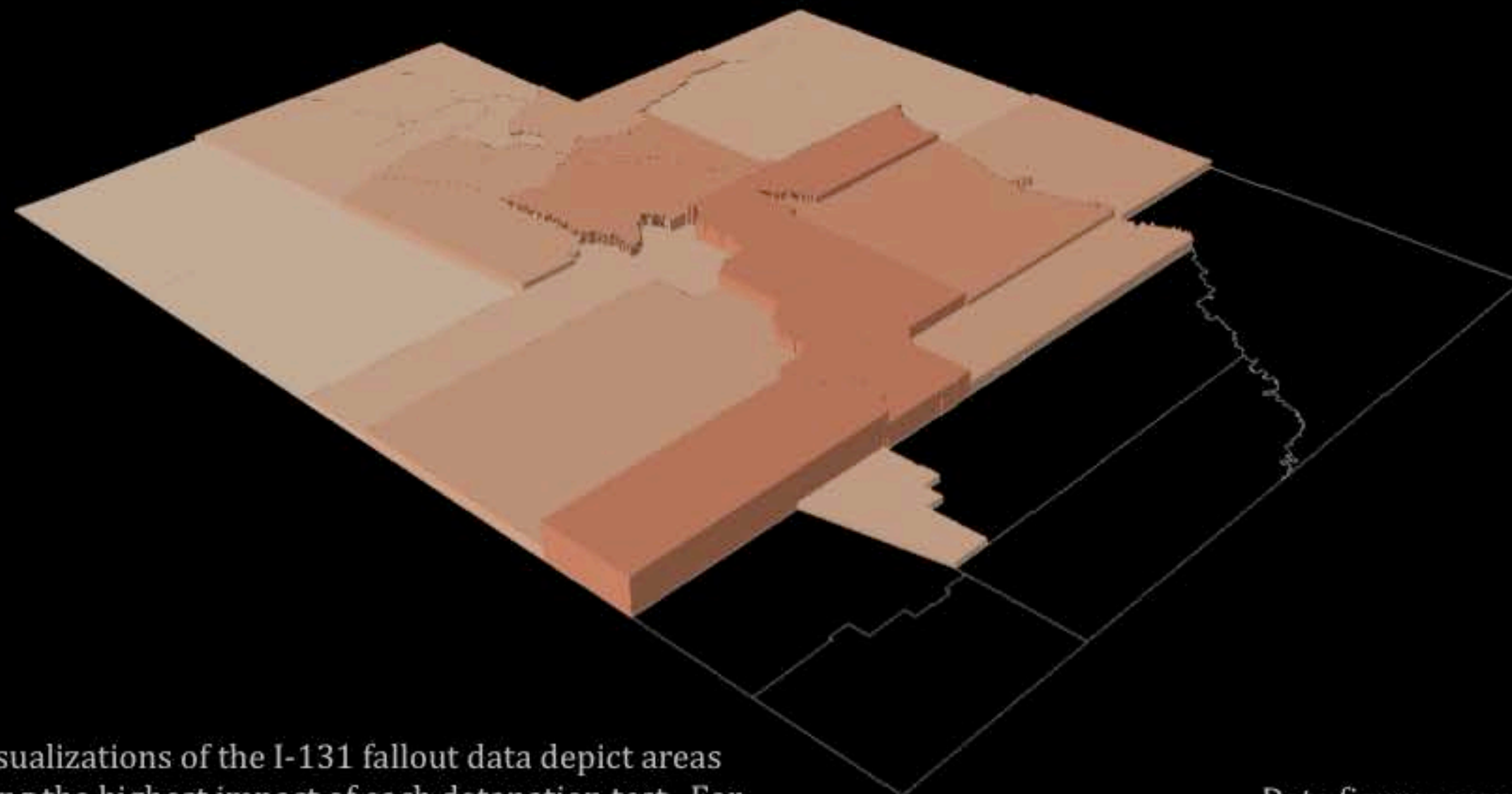
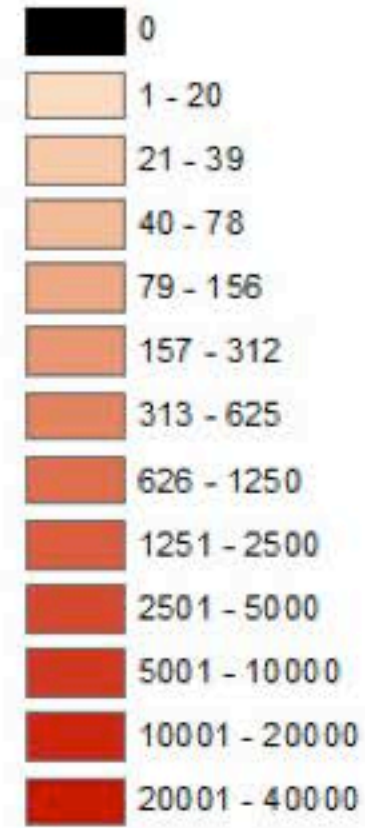
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the summarized geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to all events of the Operation Buster-Jangle series.

I-131 Ground Deposition Levels Reported for the Operation Tumbler-Snapper Able Event April 1, 1952

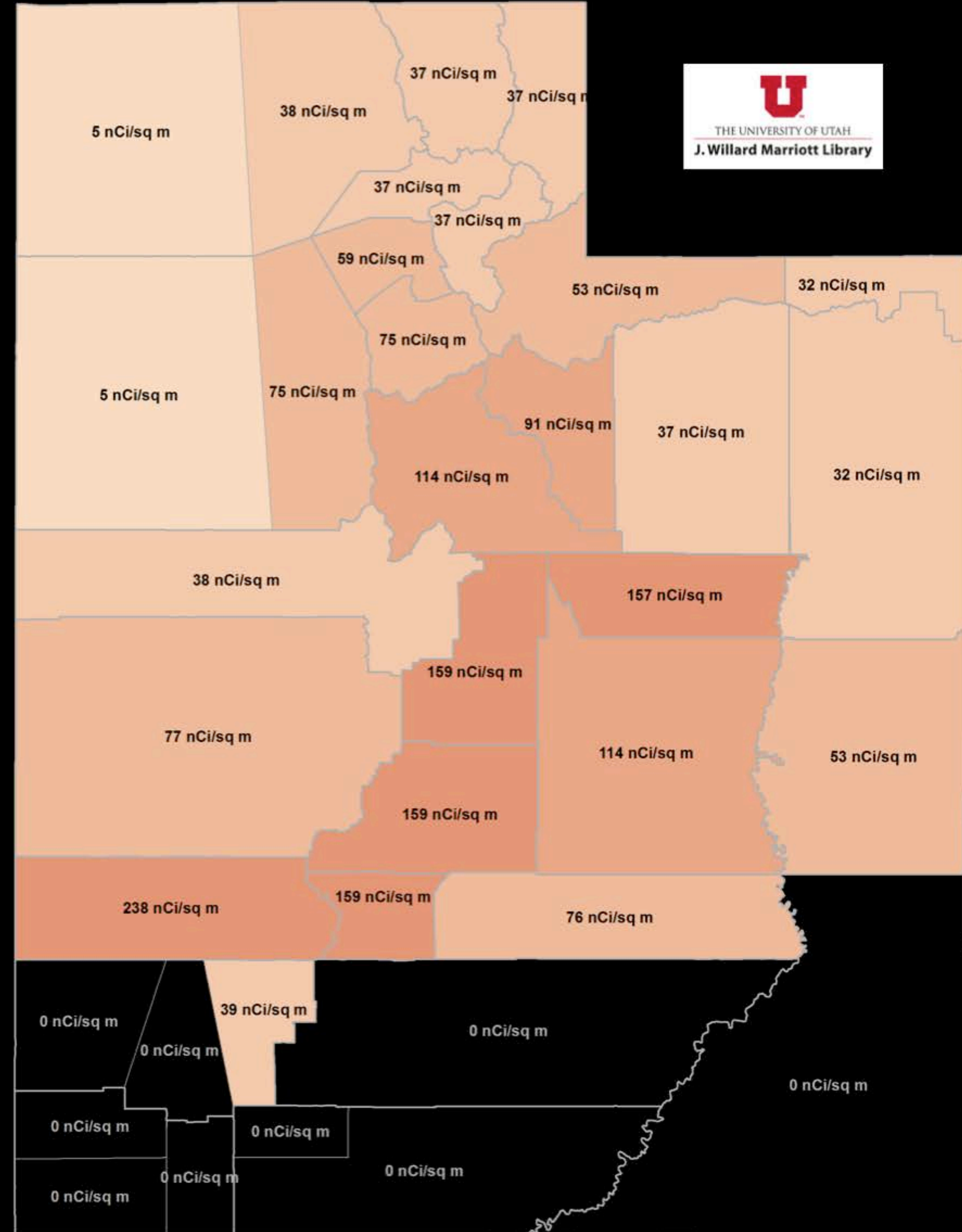


The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Able occurred within Area 5 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Beaver county @ 238 nCi/sq. m.

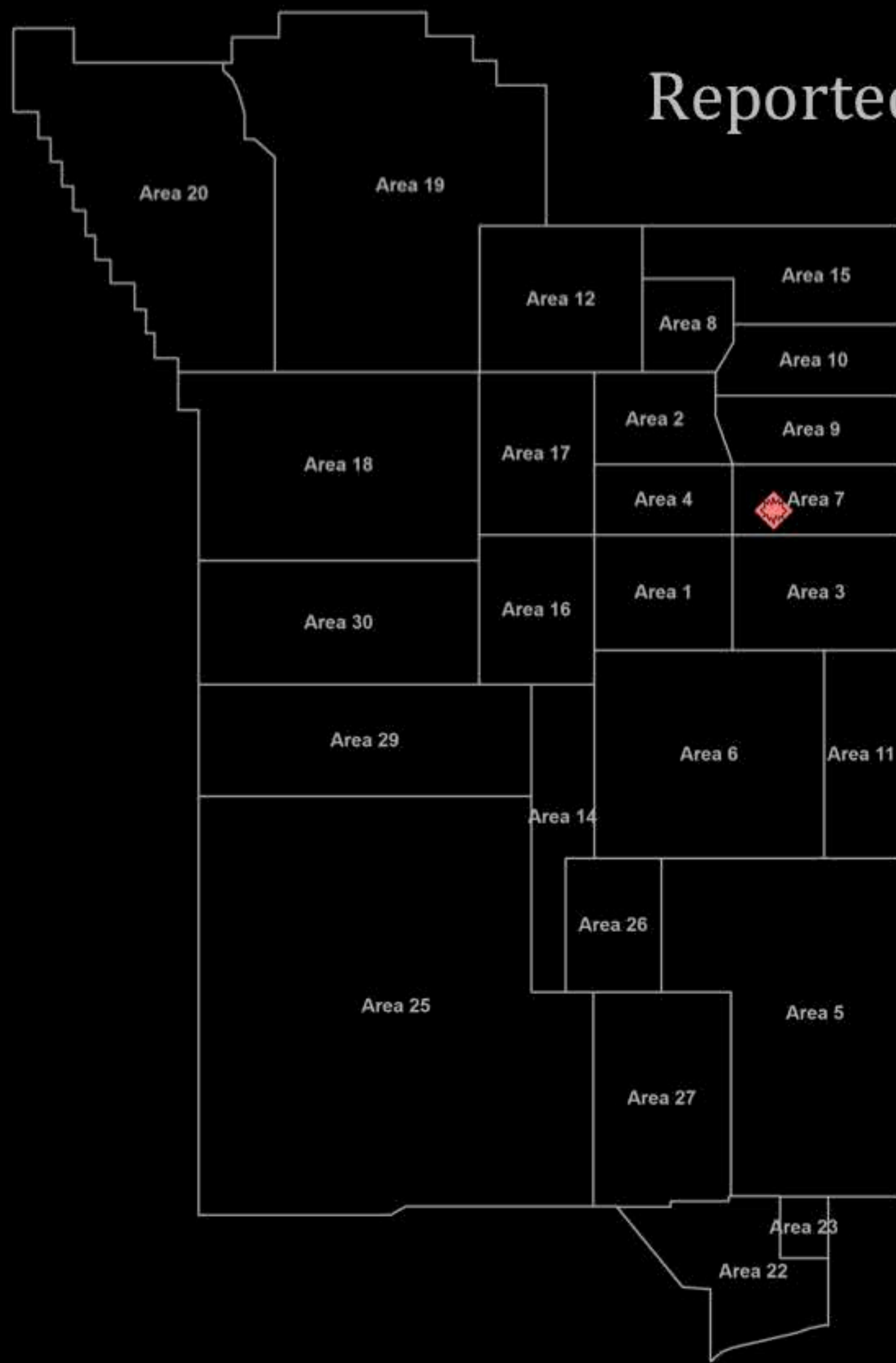


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

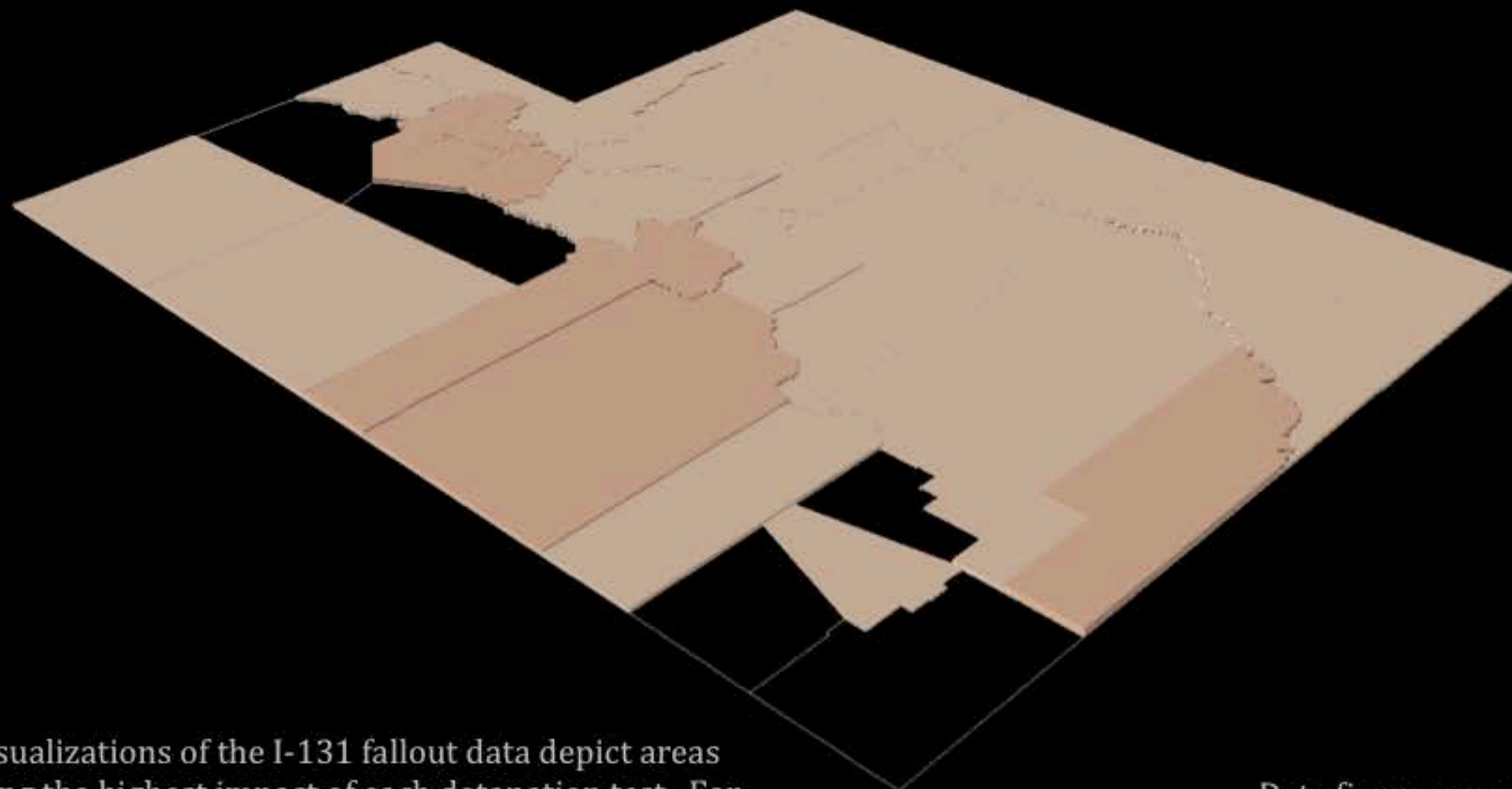
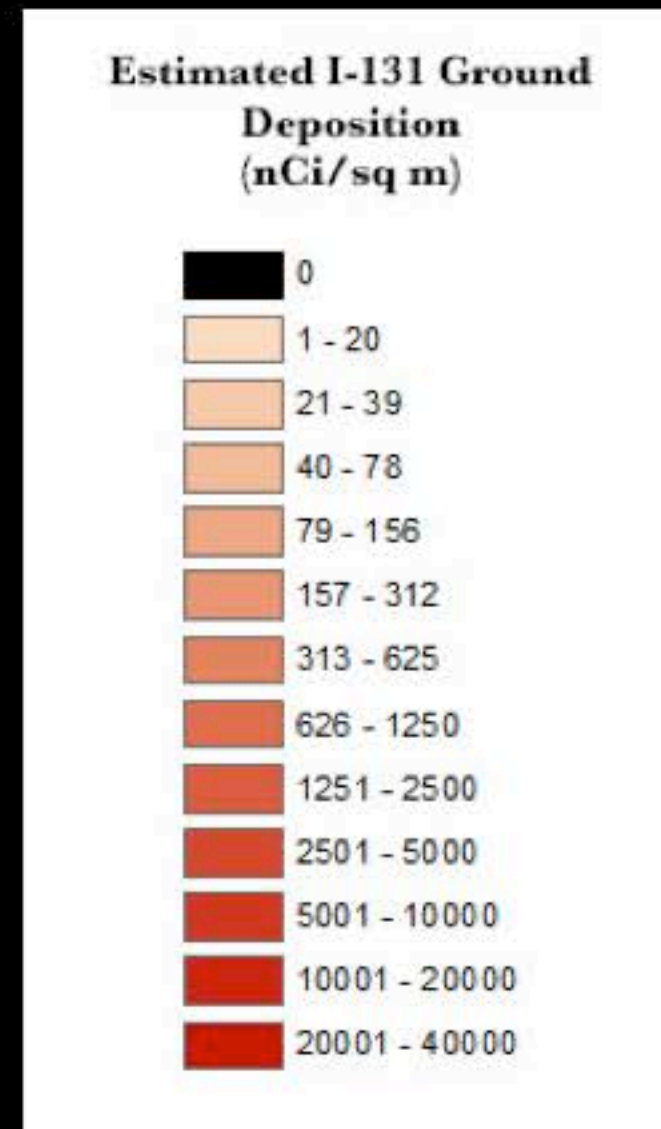
I-131 Ground Deposition Levels

Reported for the Operation Tumbler-Snapper Charlie Event

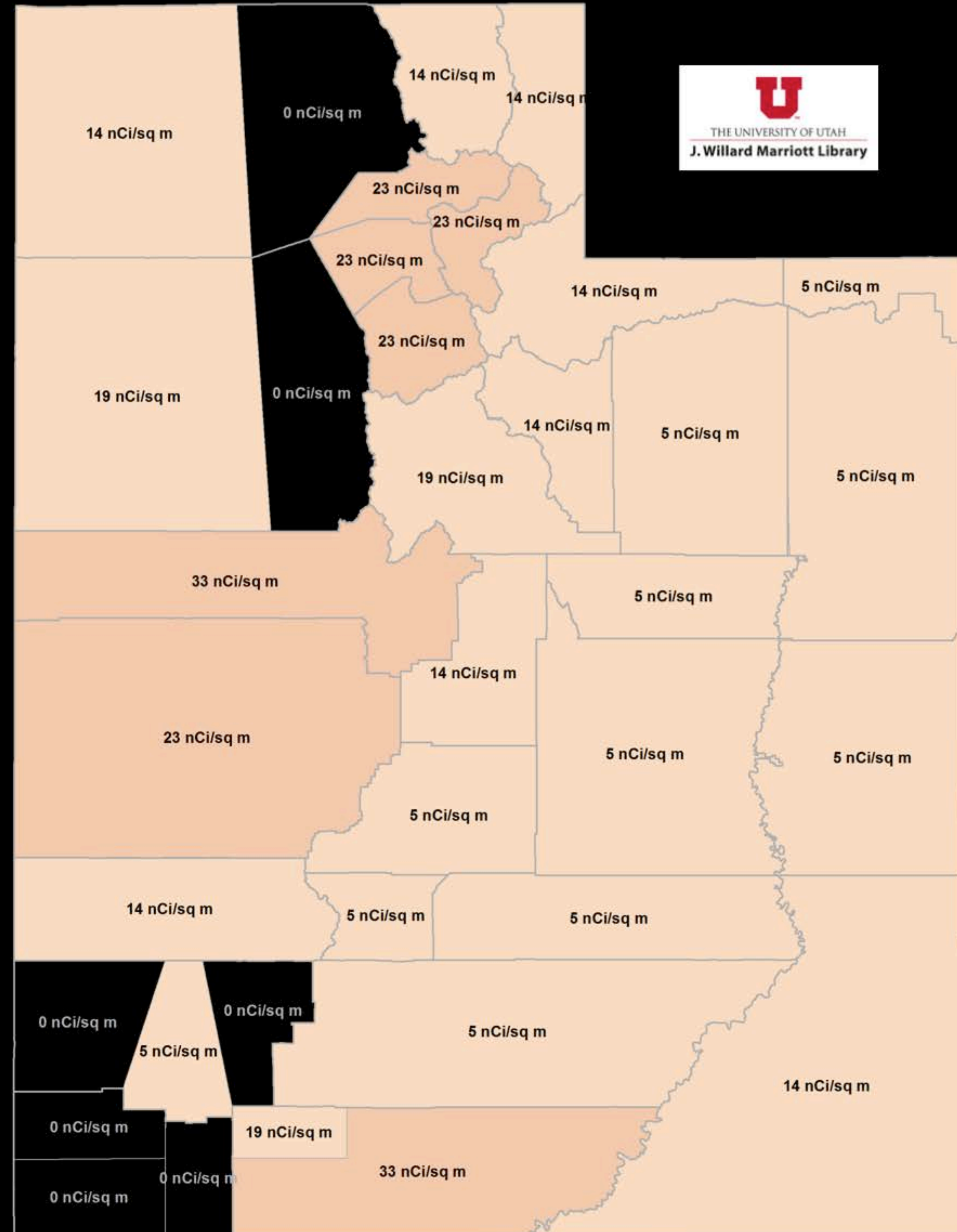
April 22, 1952



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Charlie occurred within Area 7 of the testing boundaries.

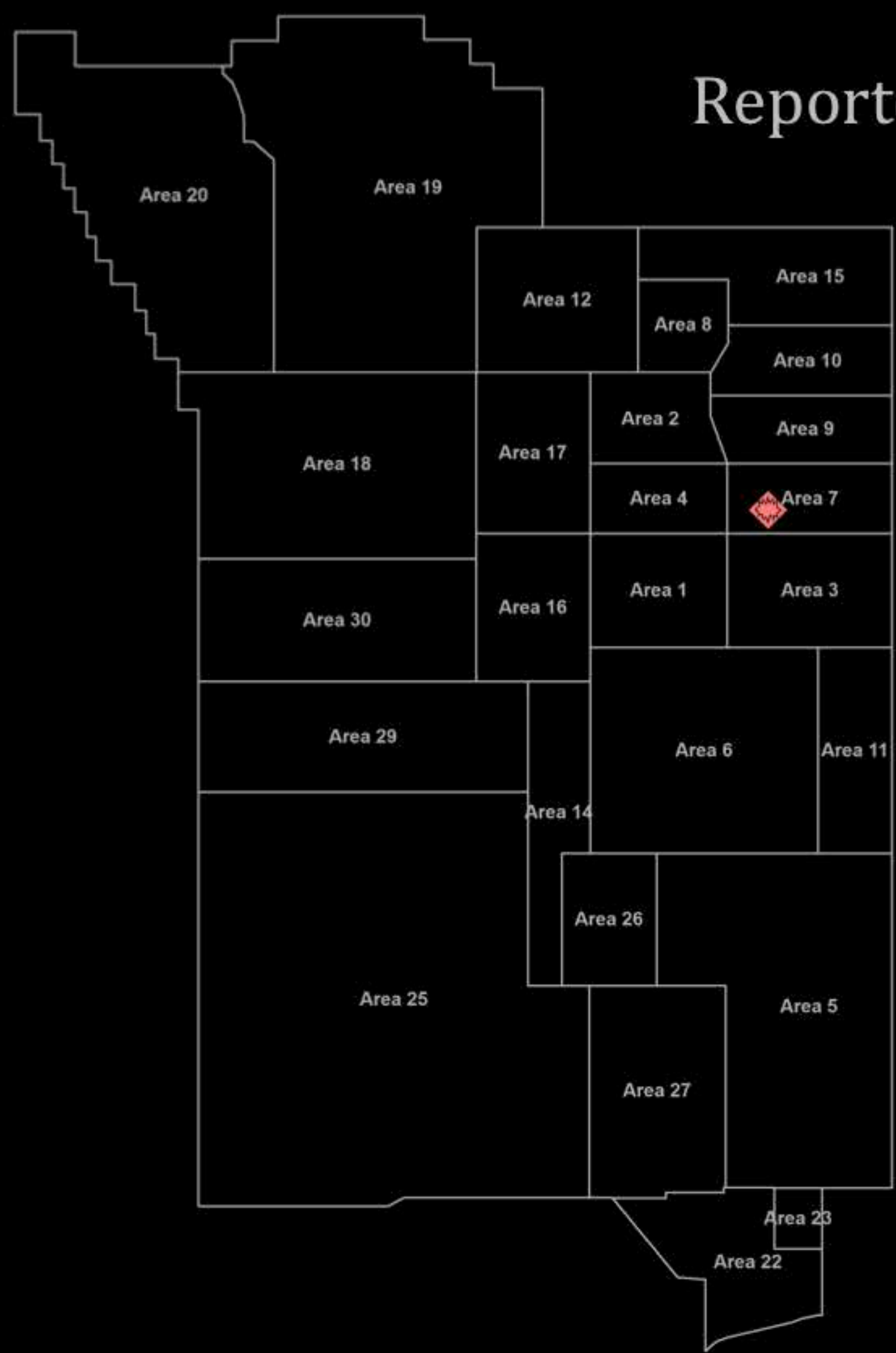


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Juab & Kane counties (NCI Zone 1) @ 33 nCi/sq. m.



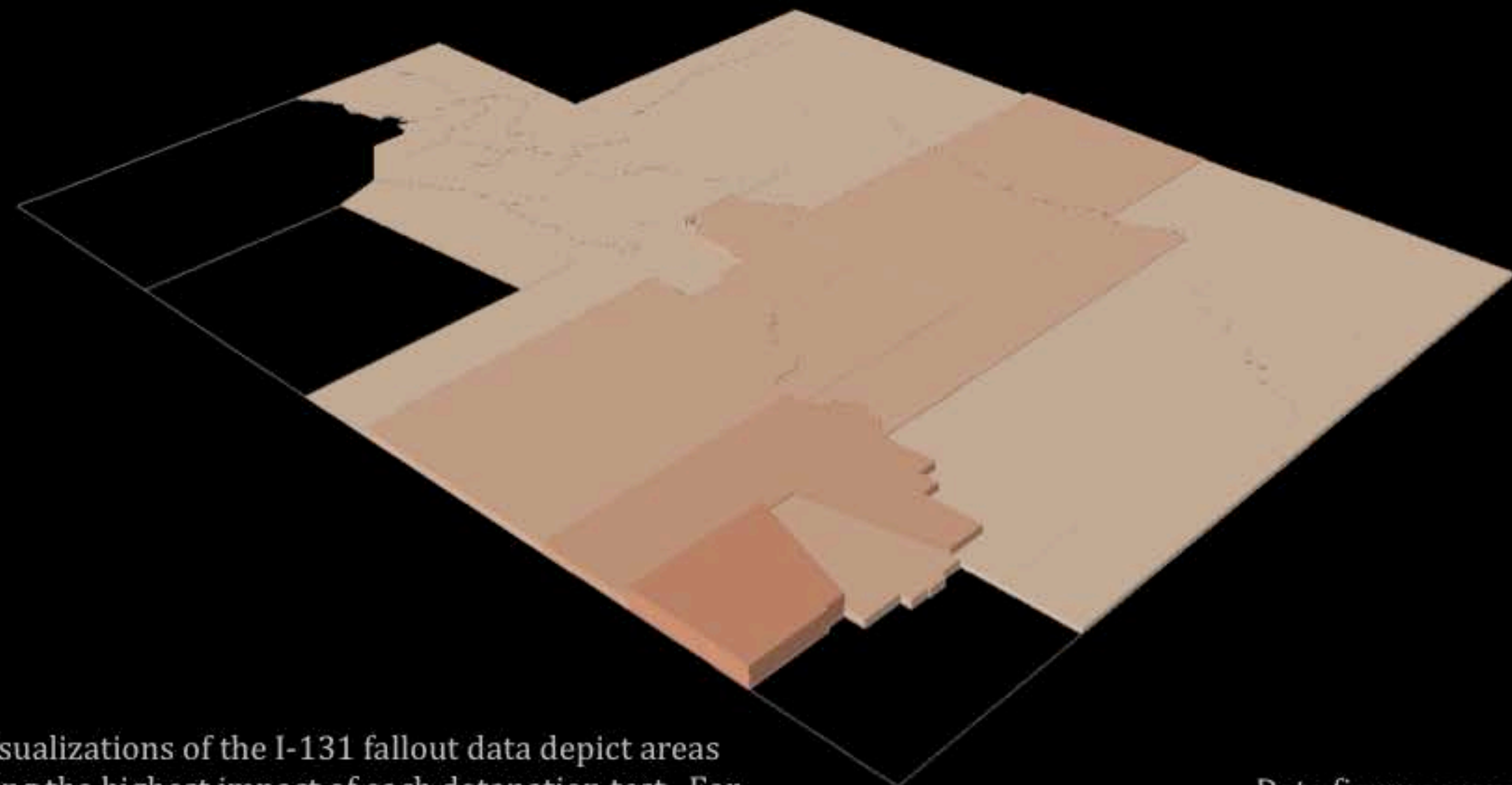
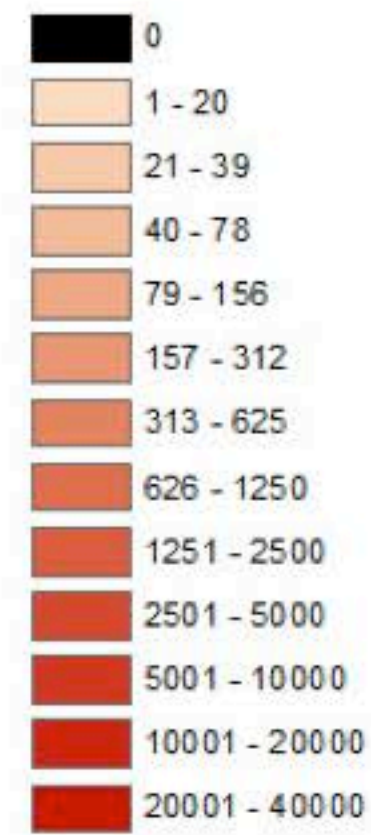
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Tumbler-Snapper Dog Event May 1, 1952



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Dog occurred within Area 7 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)

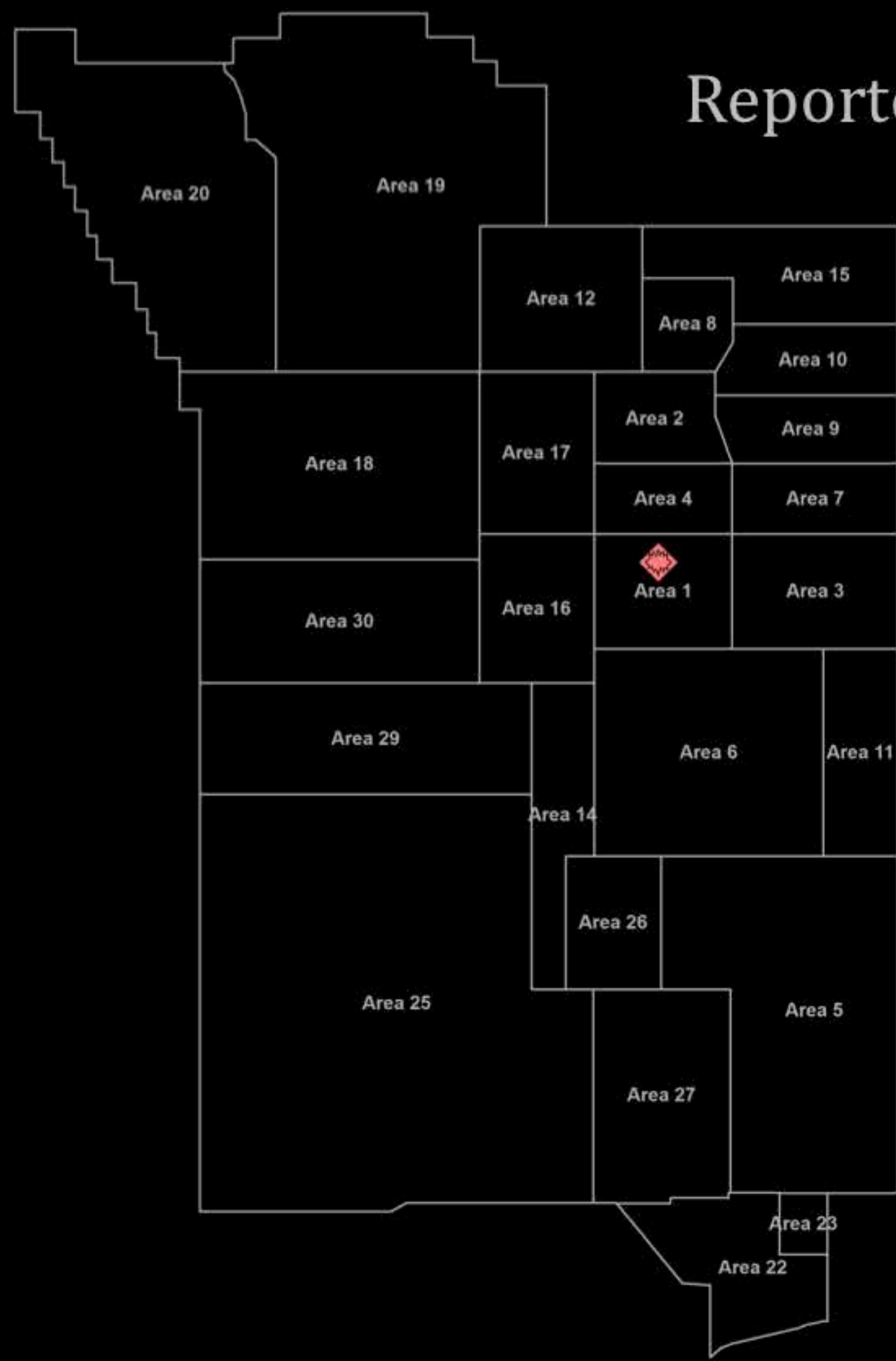


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Iron county (NCI Zone 1) @ 90 nCi/sq. m.

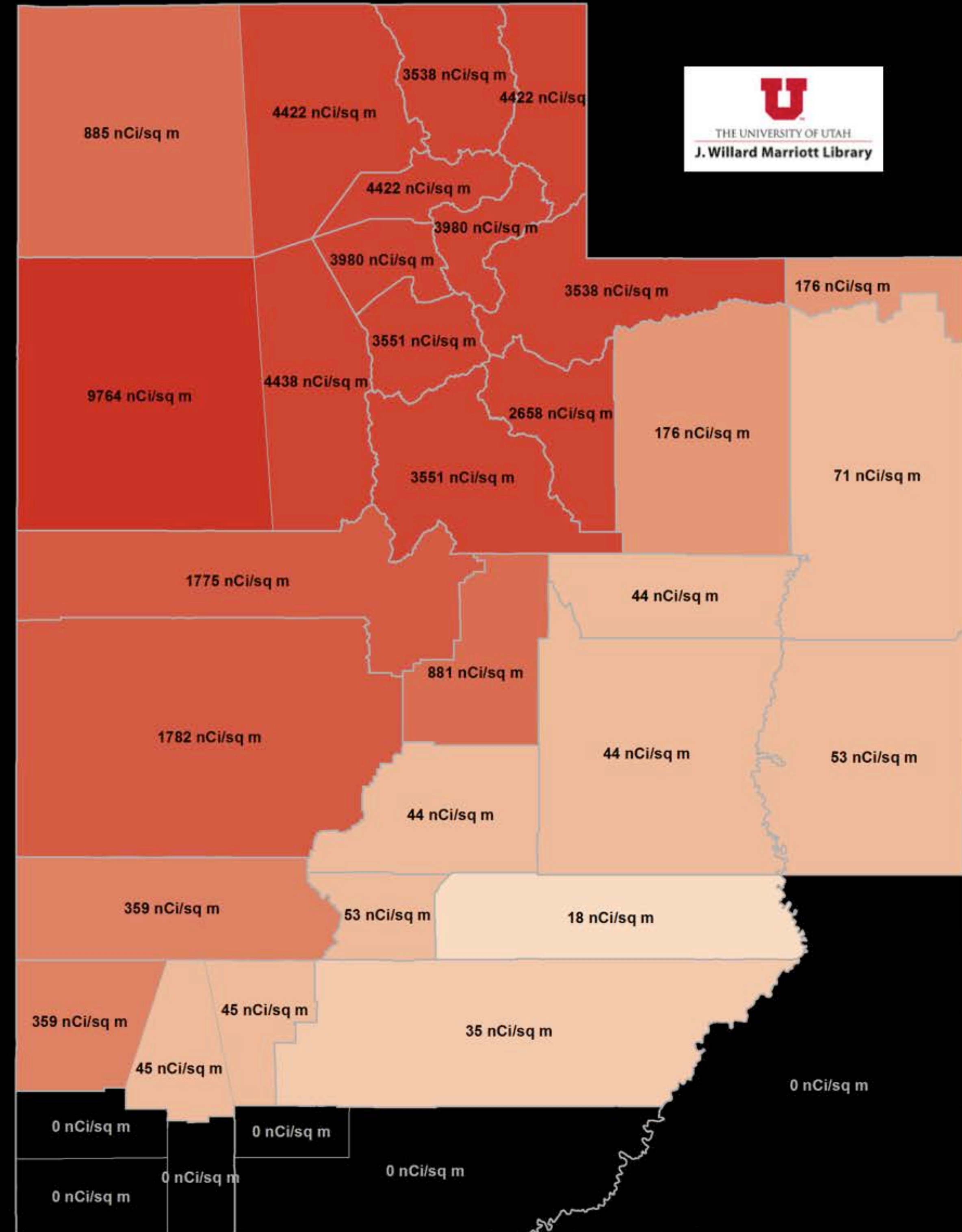
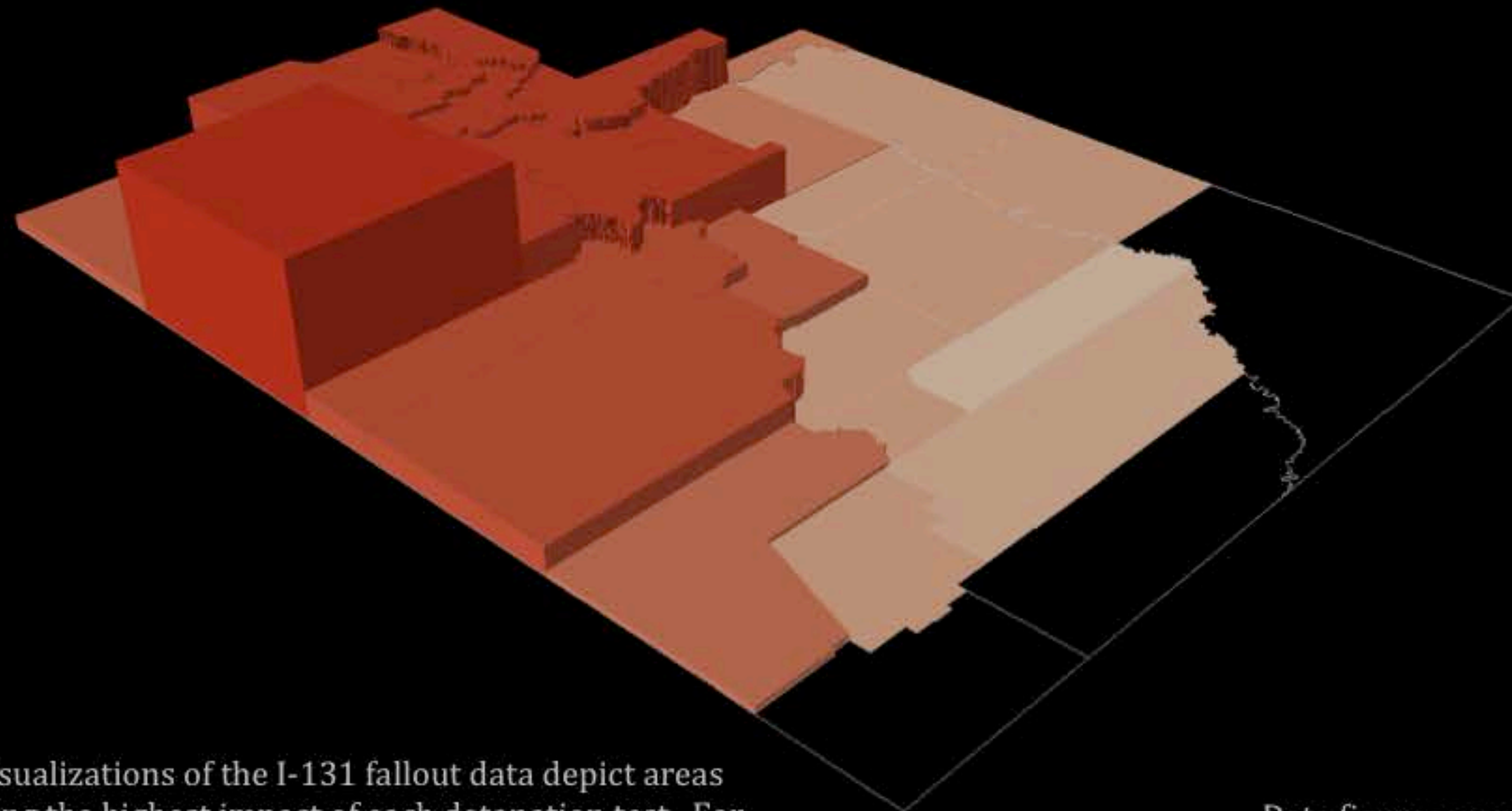
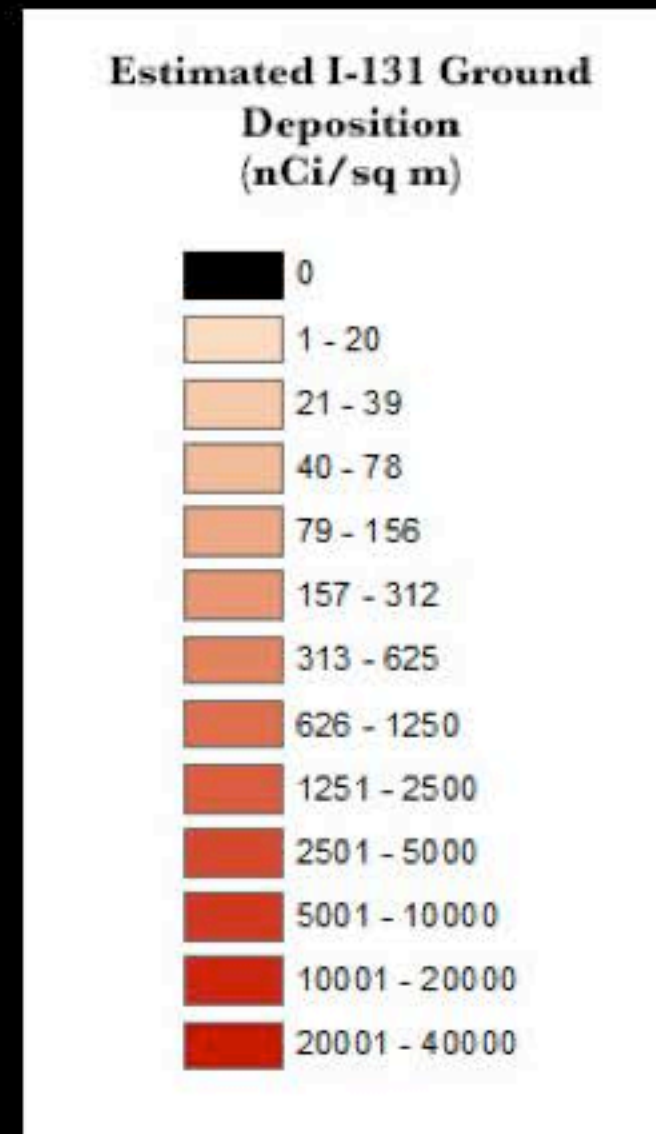


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Tumbler-Snapper Easy Event May 7, 1952



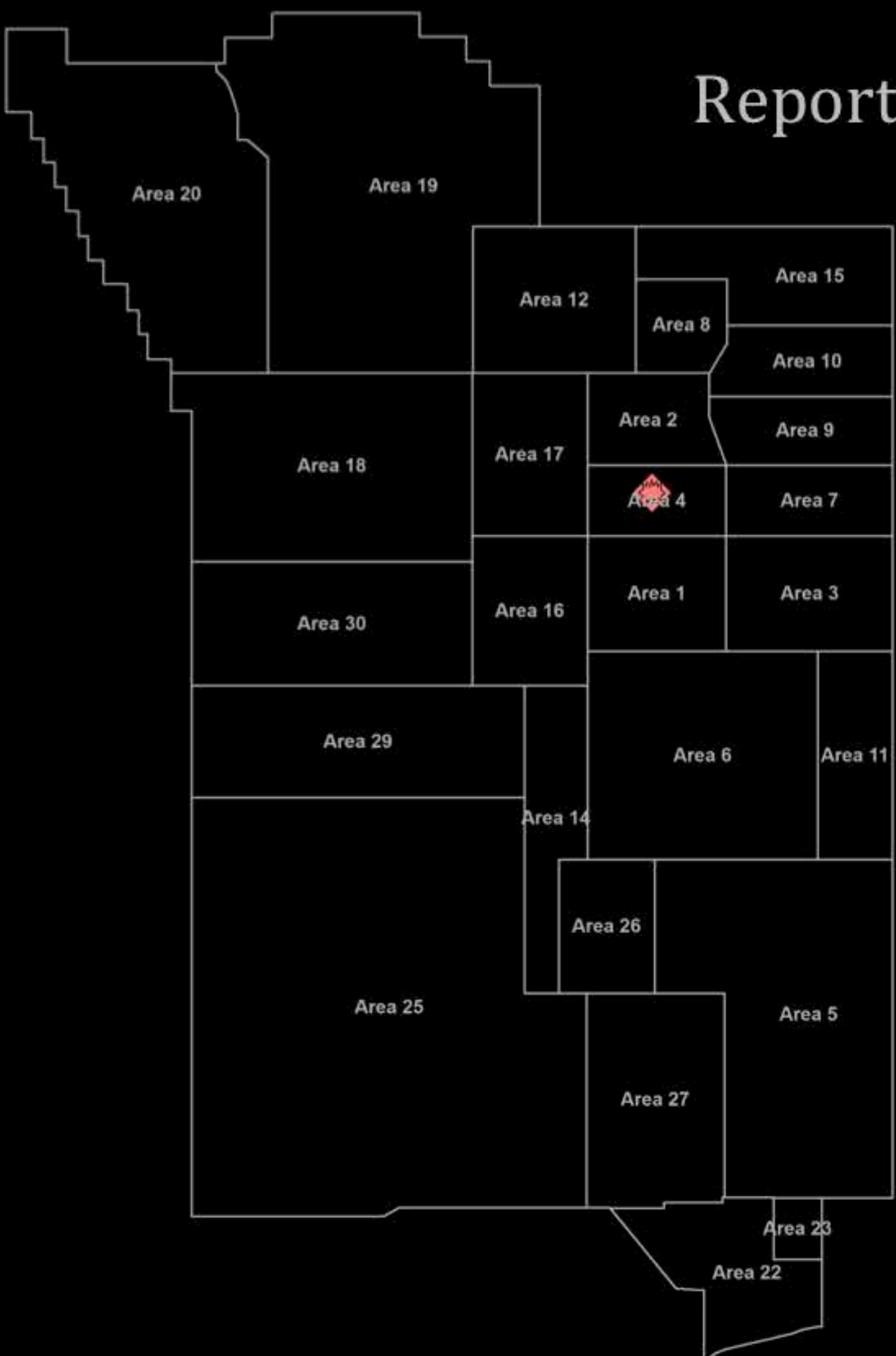
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Easy occurred within Area 1 of the testing boundaries.



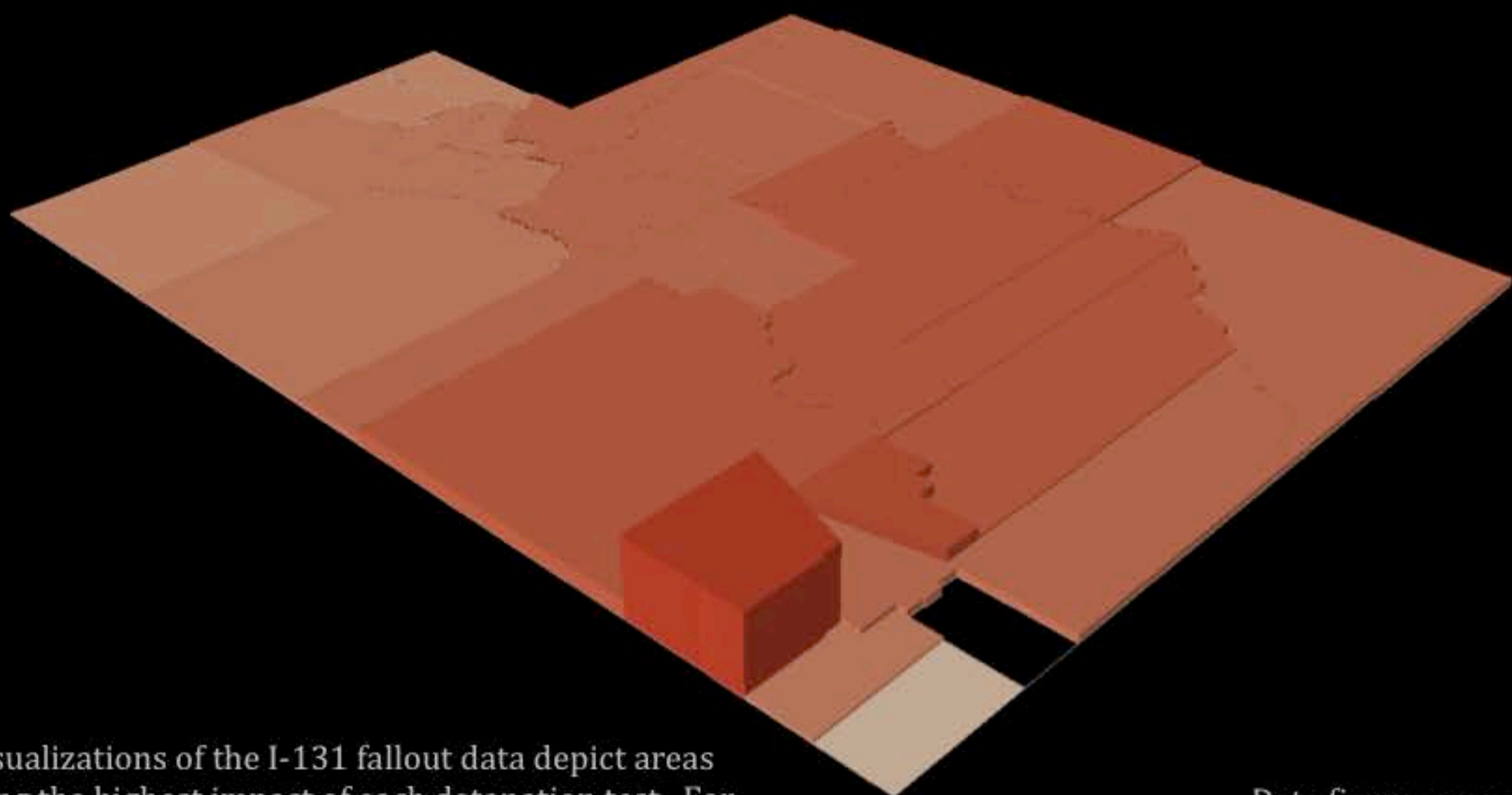
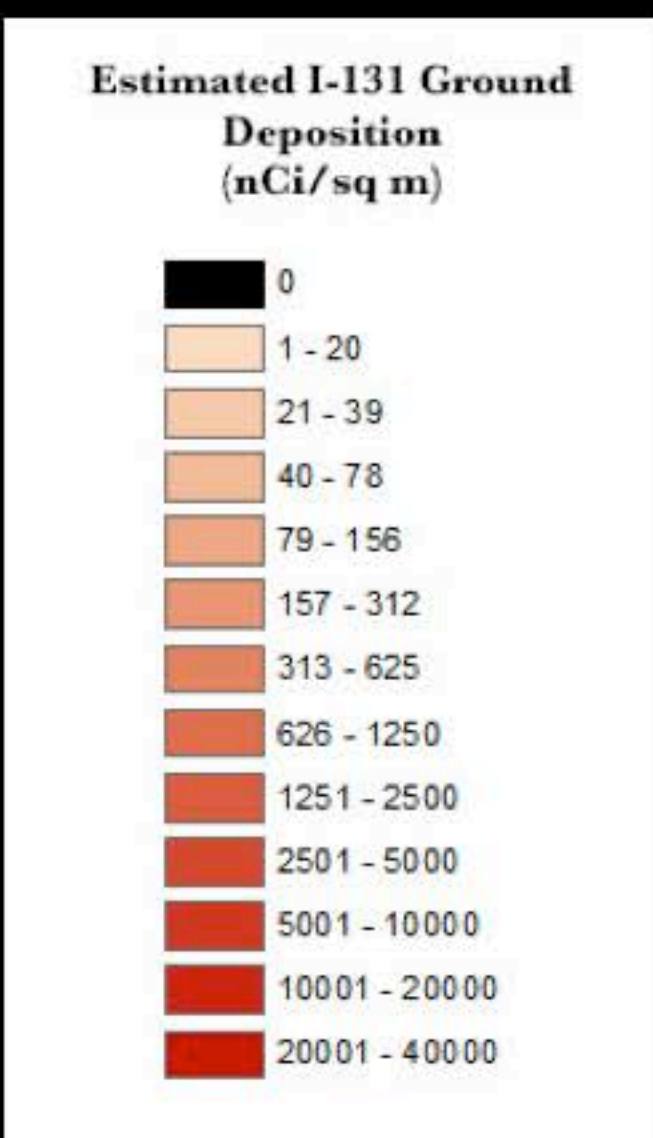
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Tooele county (NCI Zone 1) @ 9,764 nCi/sq. m.

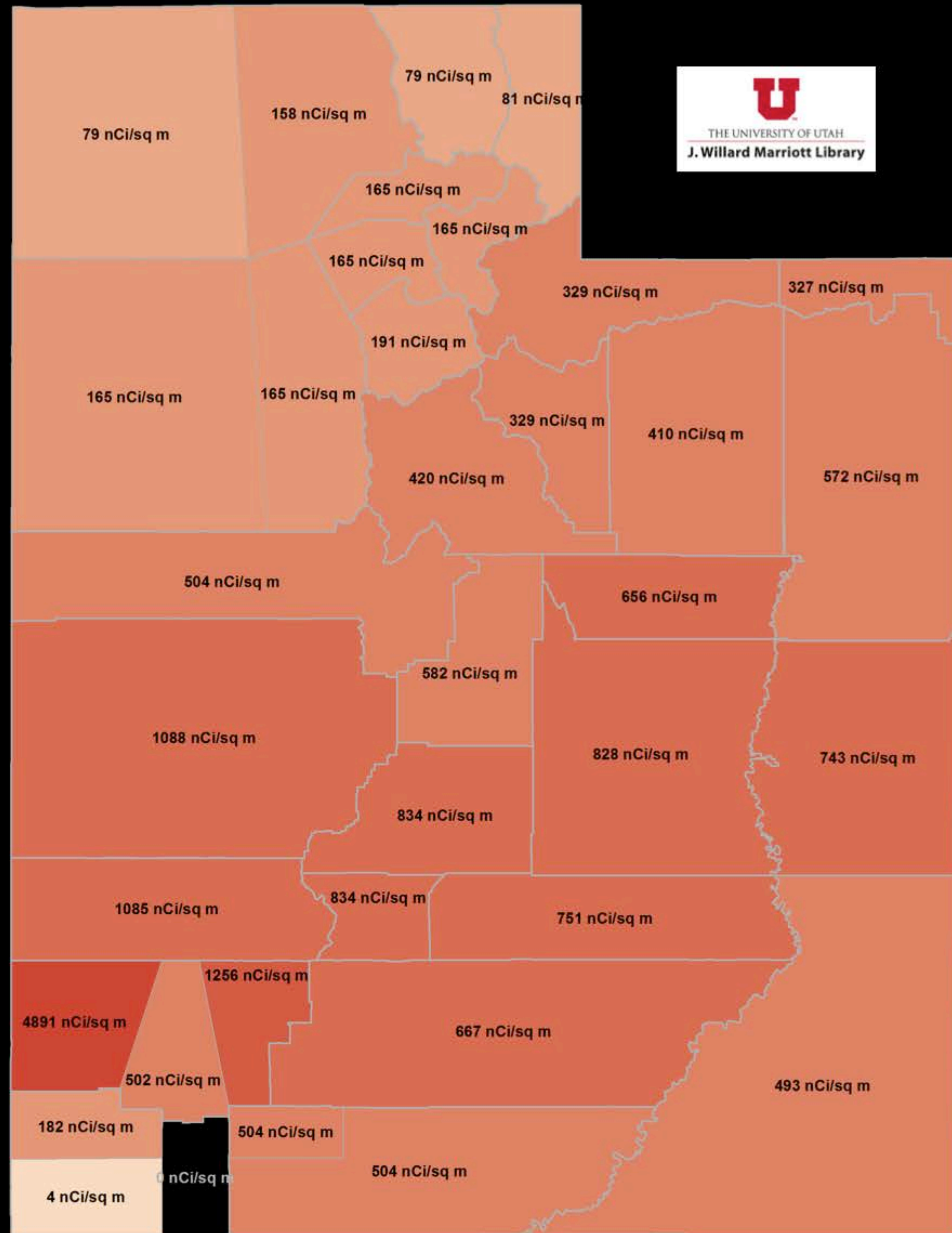
I-131 Ground Deposition Levels Reported for the Operation Tumbler-Snapper Fox Event May 25, 1952



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Fox occurred within Area 4 of the testing boundaries.



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Iron county (NCI Zone 1) @ 4,891 nCi/sq. m.

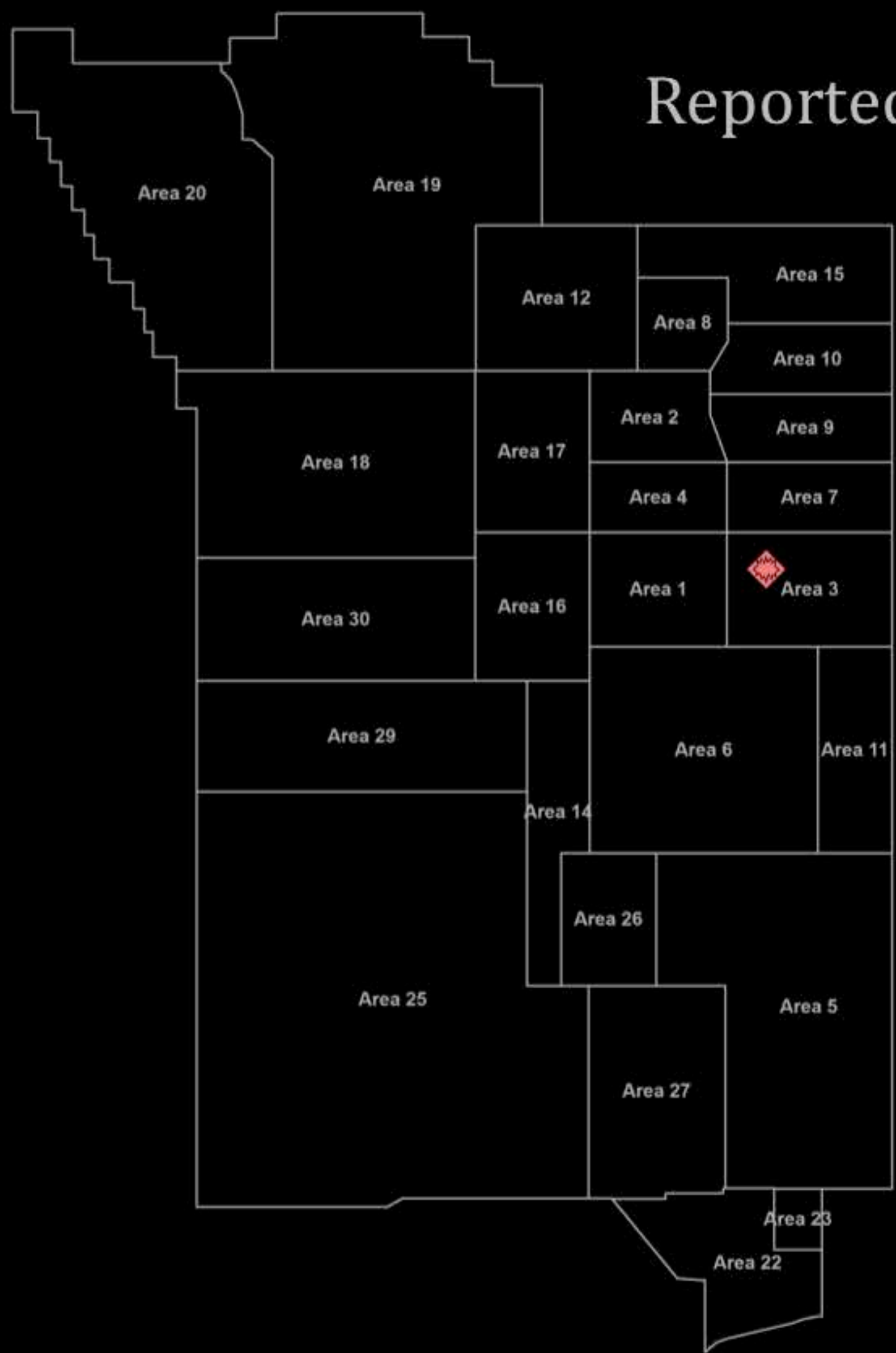


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

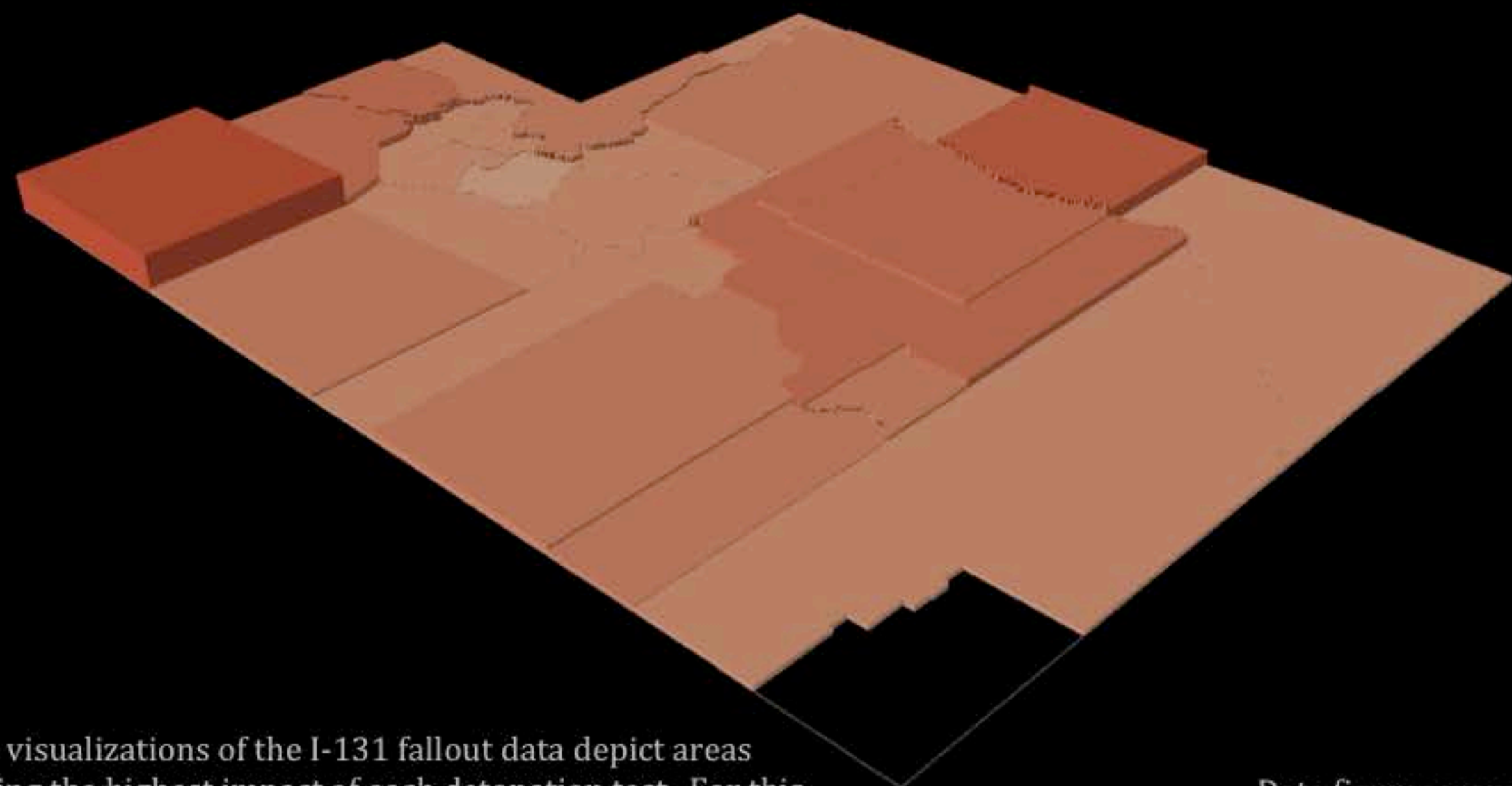
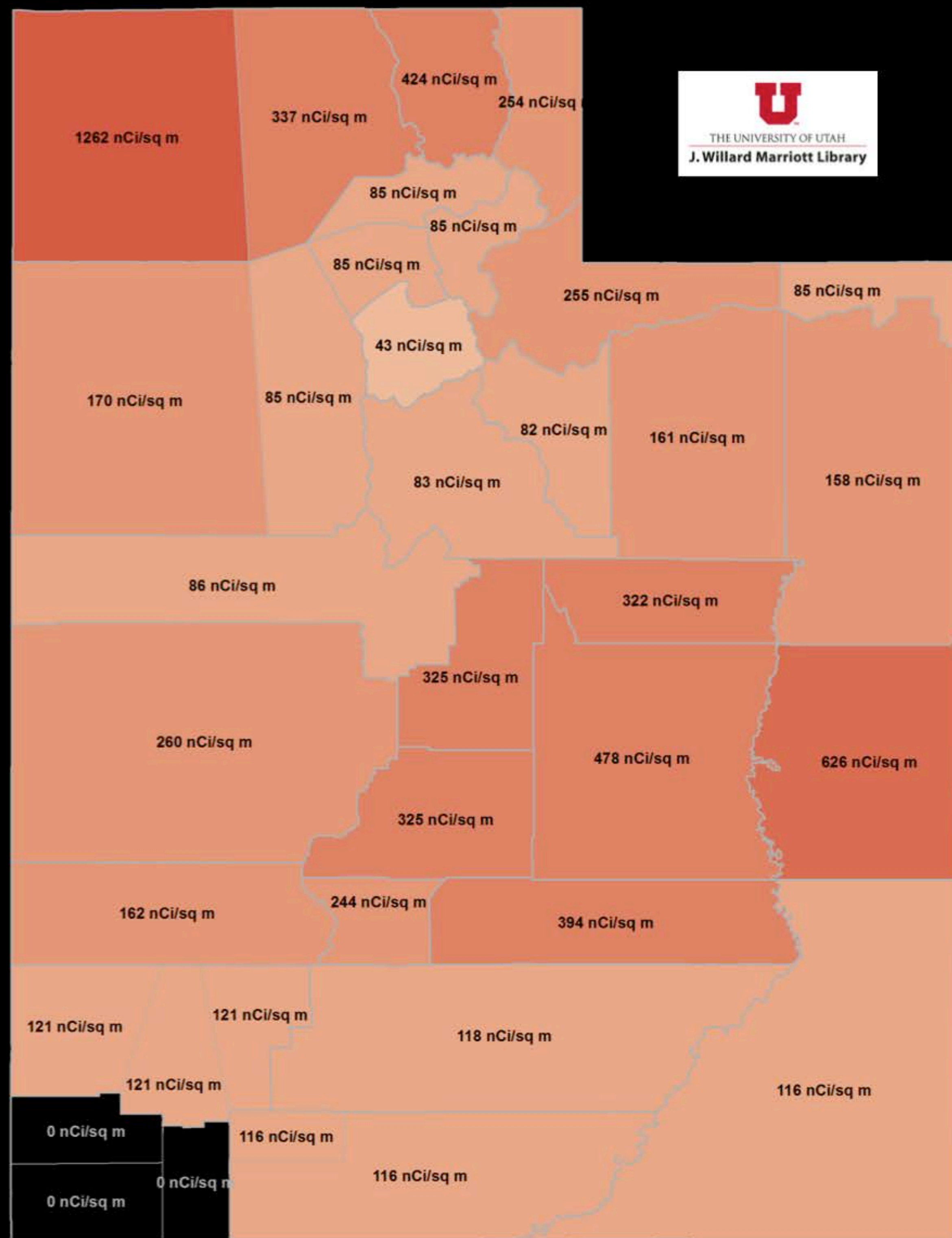
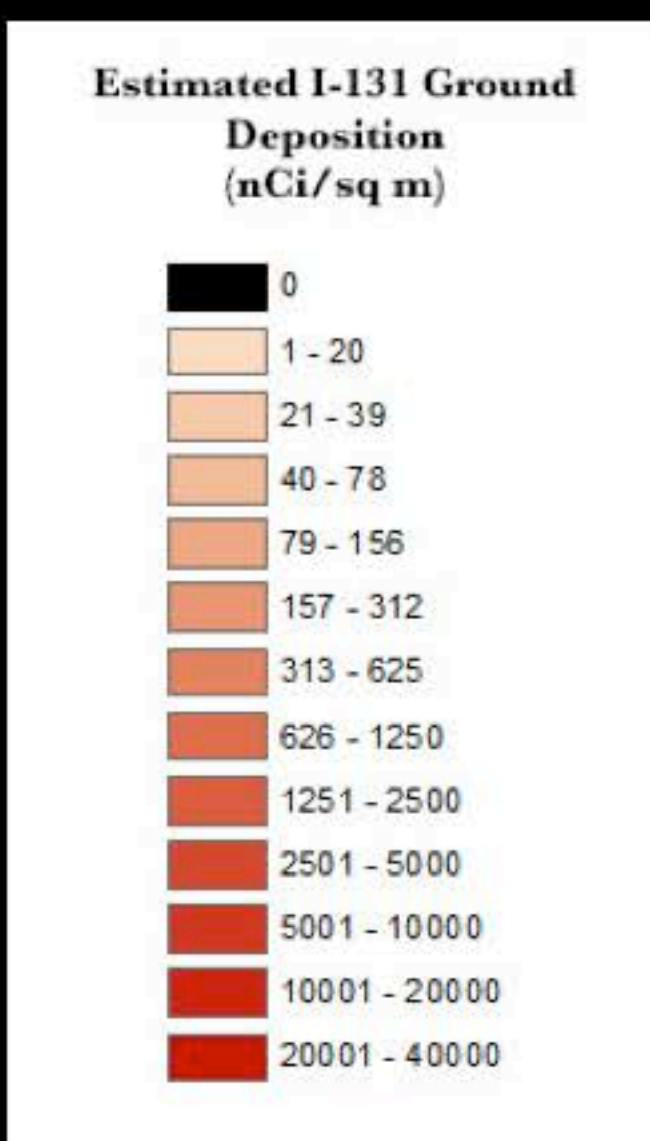
I-131 Ground Deposition Levels

Reported for the Operation Tumbler-Snapper George Event

June 1, 1952



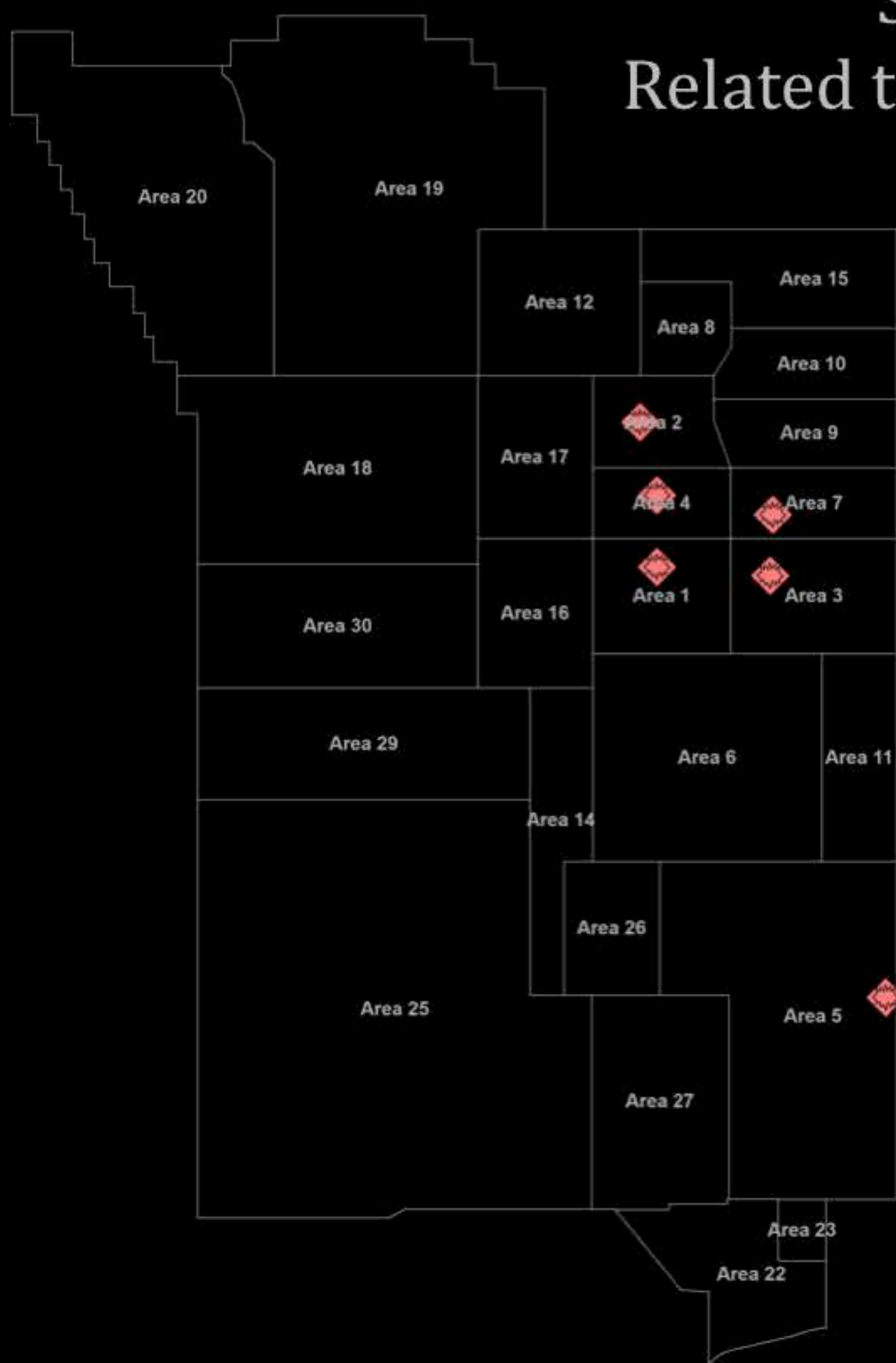
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation George occurred within Area 3 of the testing boundaries.



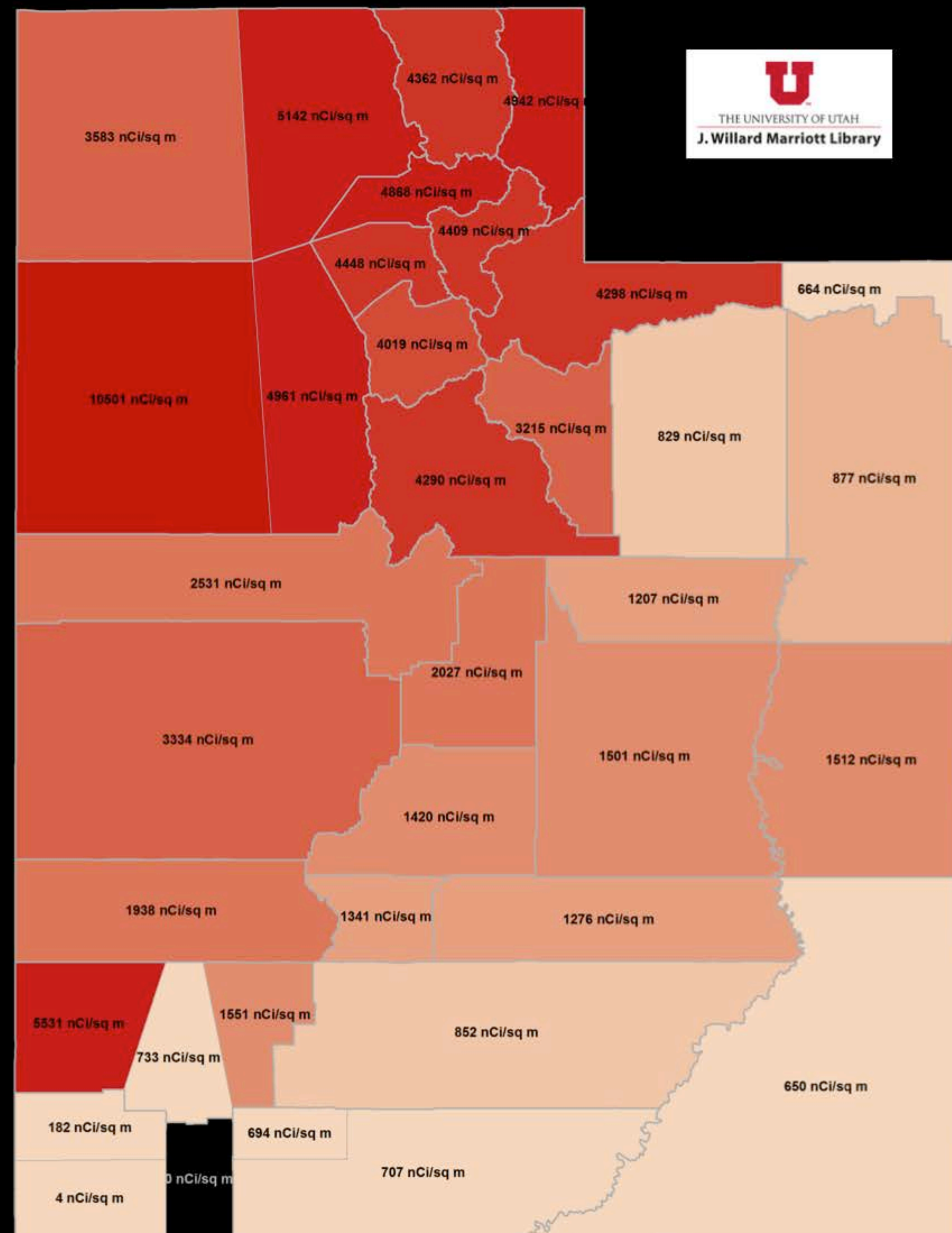
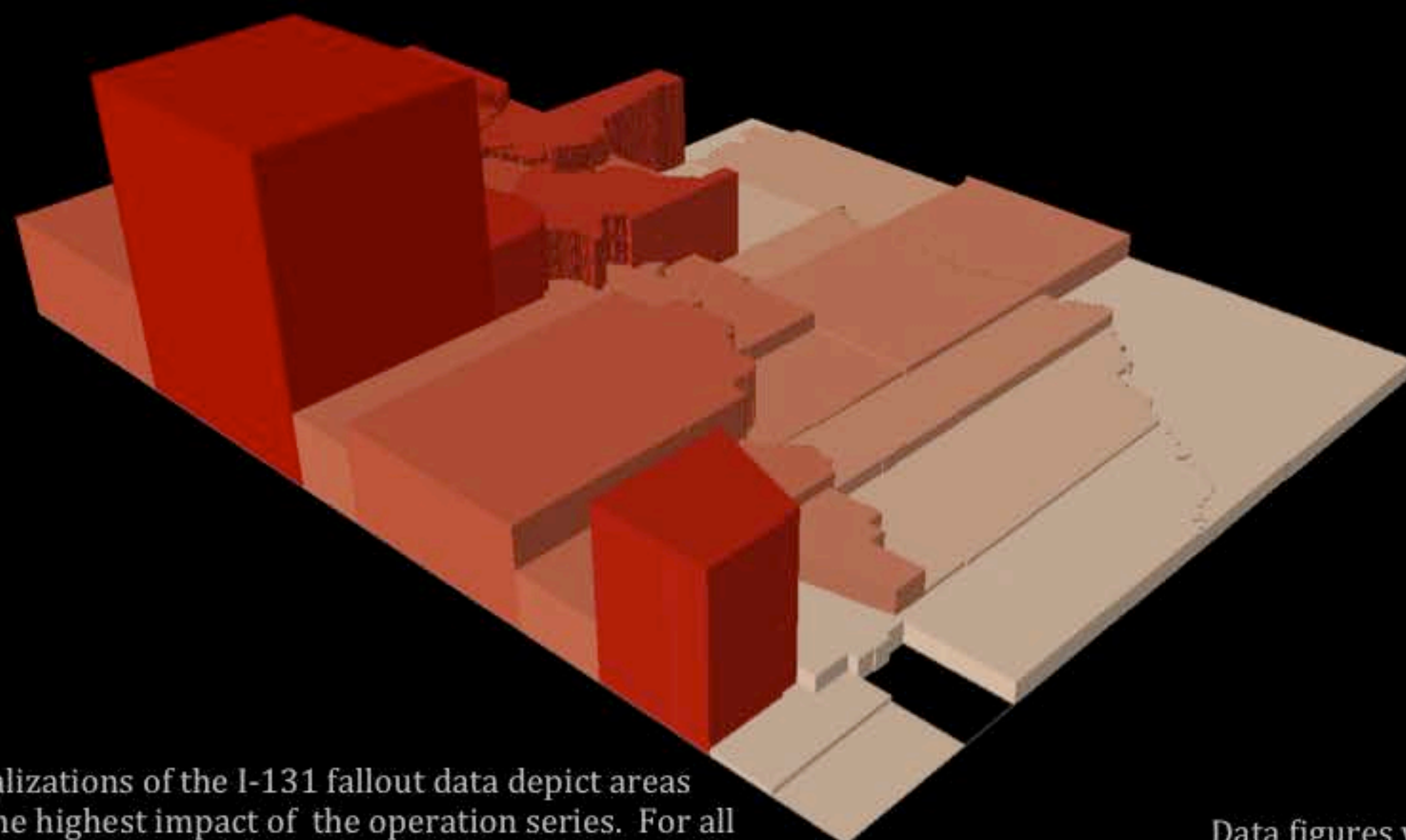
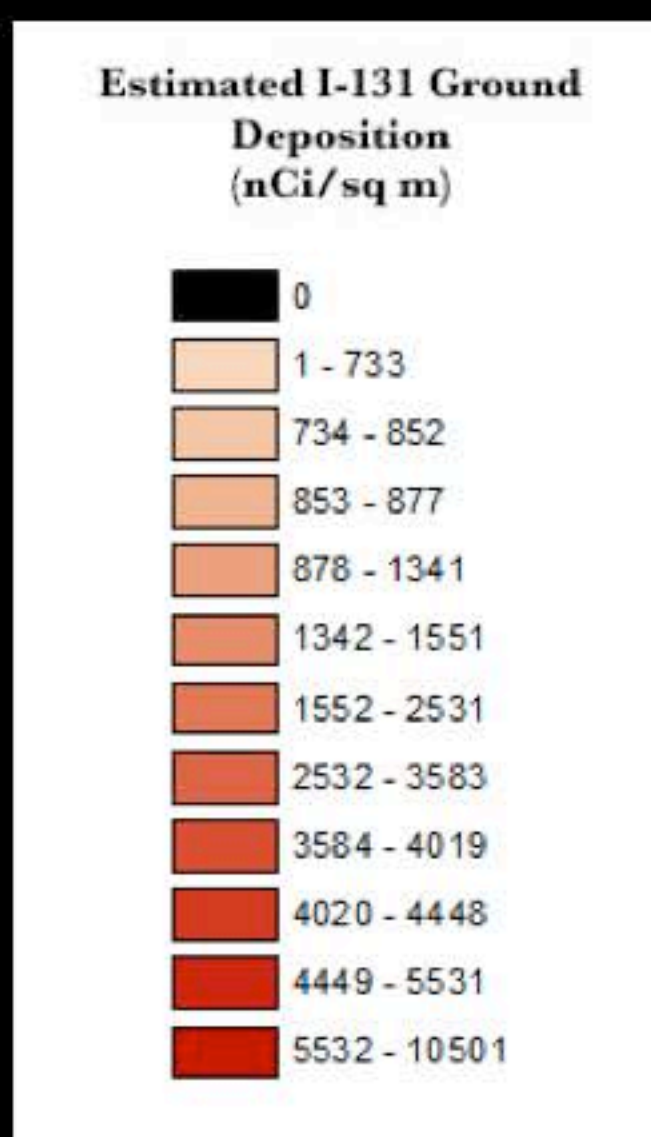
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Box Elder county (NCI Zone 1) @ 1,262 nCi/sq. m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

Summarized I-131 Ground Deposition Levels Related to All Operation Tumbler-Snapper Atmospheric Tests April 1, 1952 – June 5, 1952



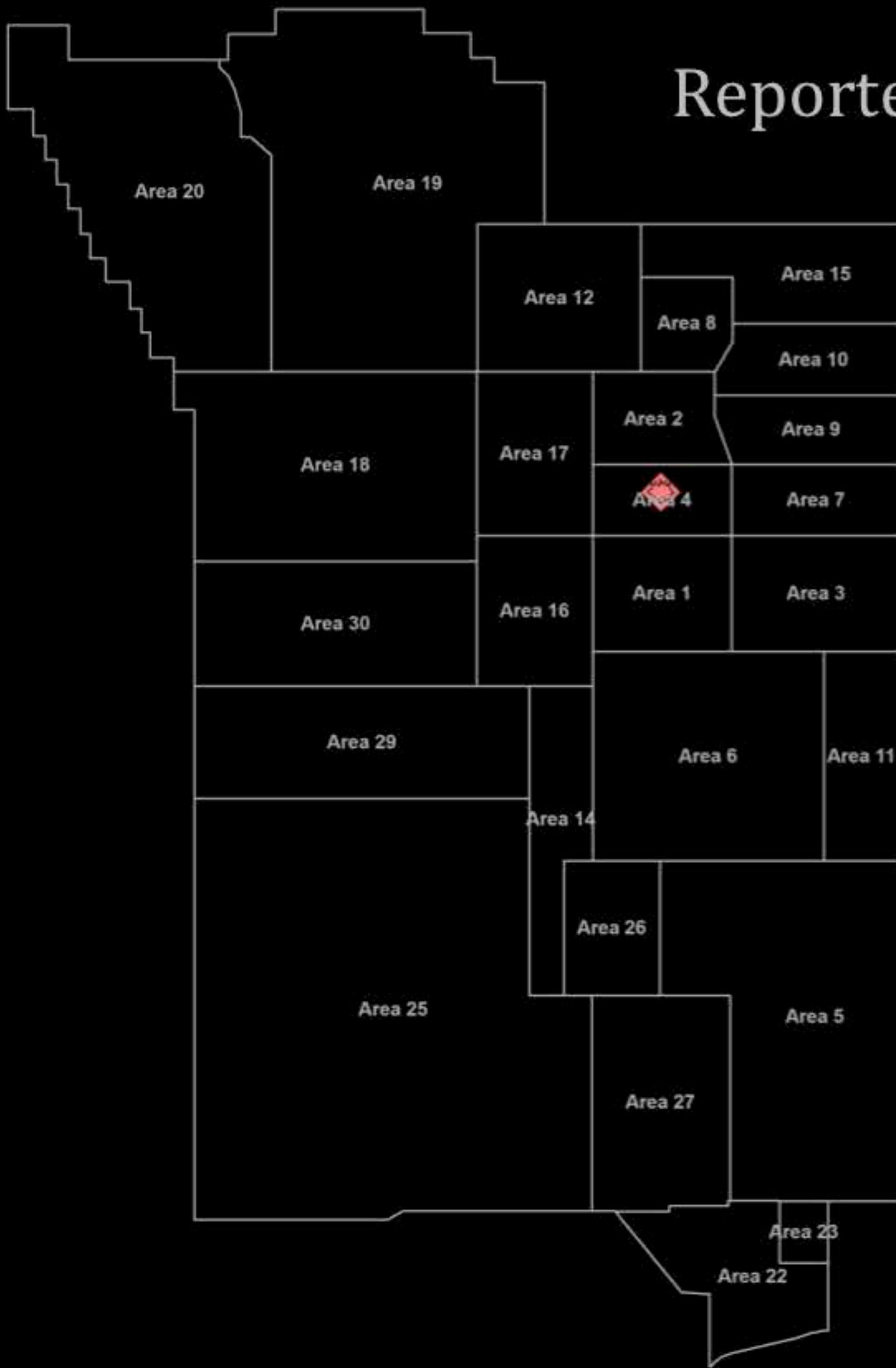
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. During the Operation Tumbler-Snapper series, 8 tests were conducted – all 8 of these tests were included in the National Cancer Institute study.



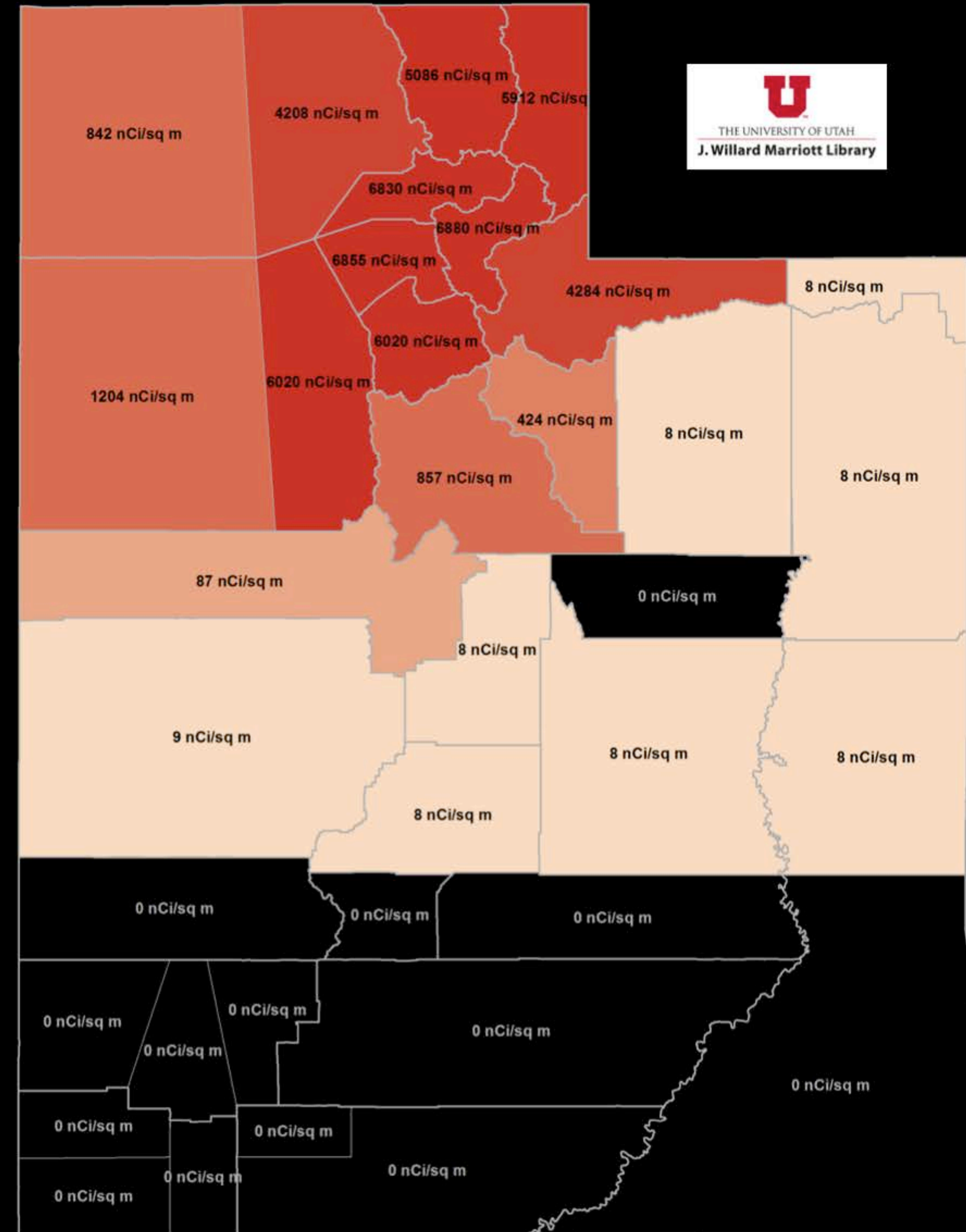
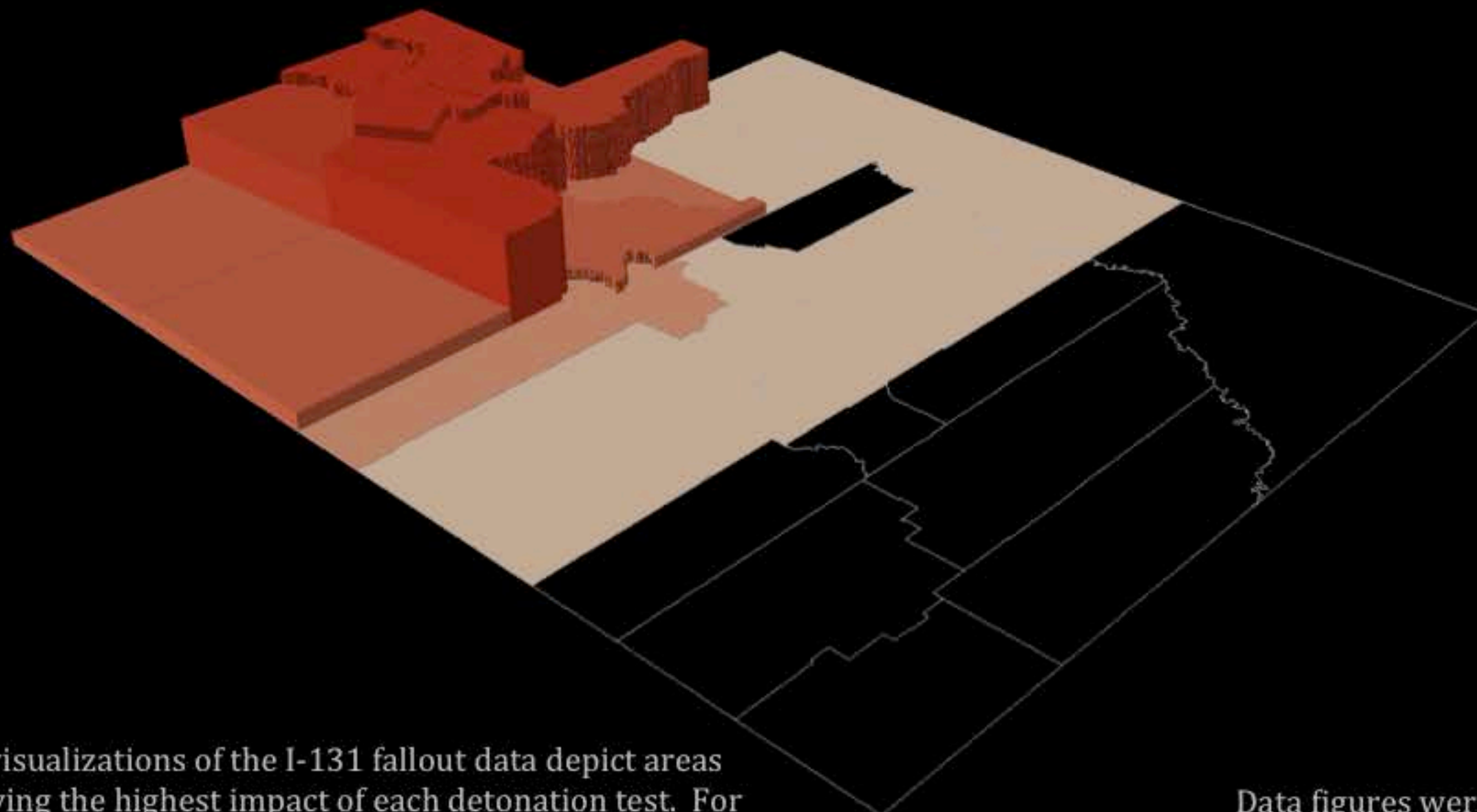
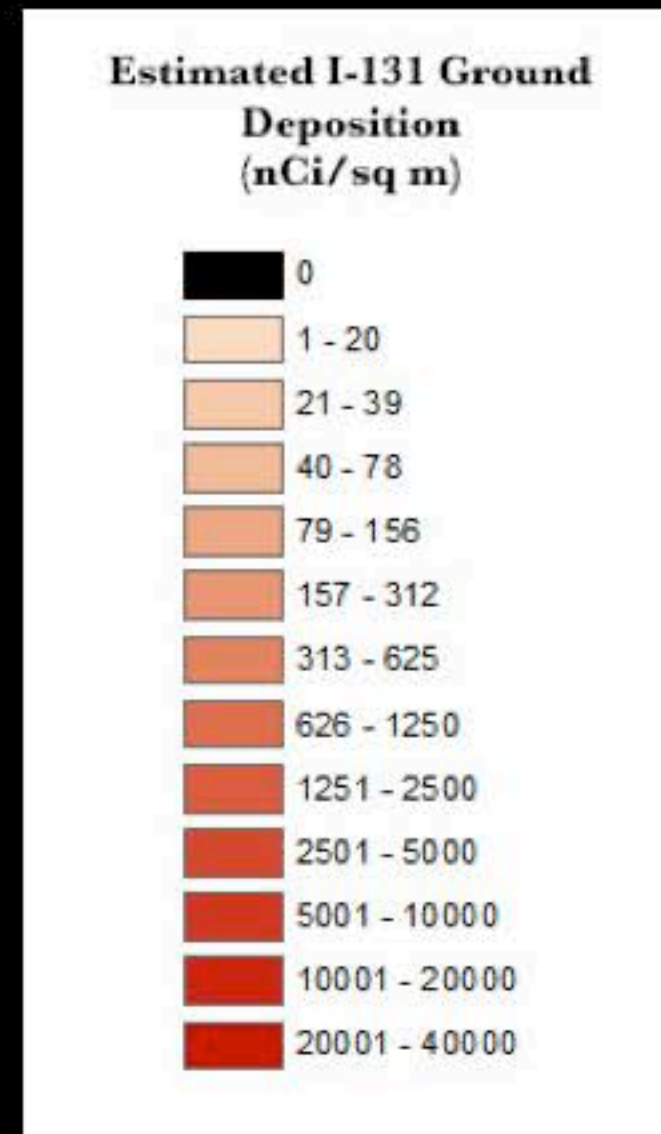
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of the operation series. For all tests conducted during the Operation Tumbler-Snapper series, the data shows the highest summarized level of fallout located in Tooele county (NCI Zone 1) @ 10,501 nCi/sq m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the summarized geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to all events of the Operation Tumbler-Snapper series.

I-131 Ground Deposition Levels Reported for the Operation Upshot-Knothole Nancy Event March 24, 1953



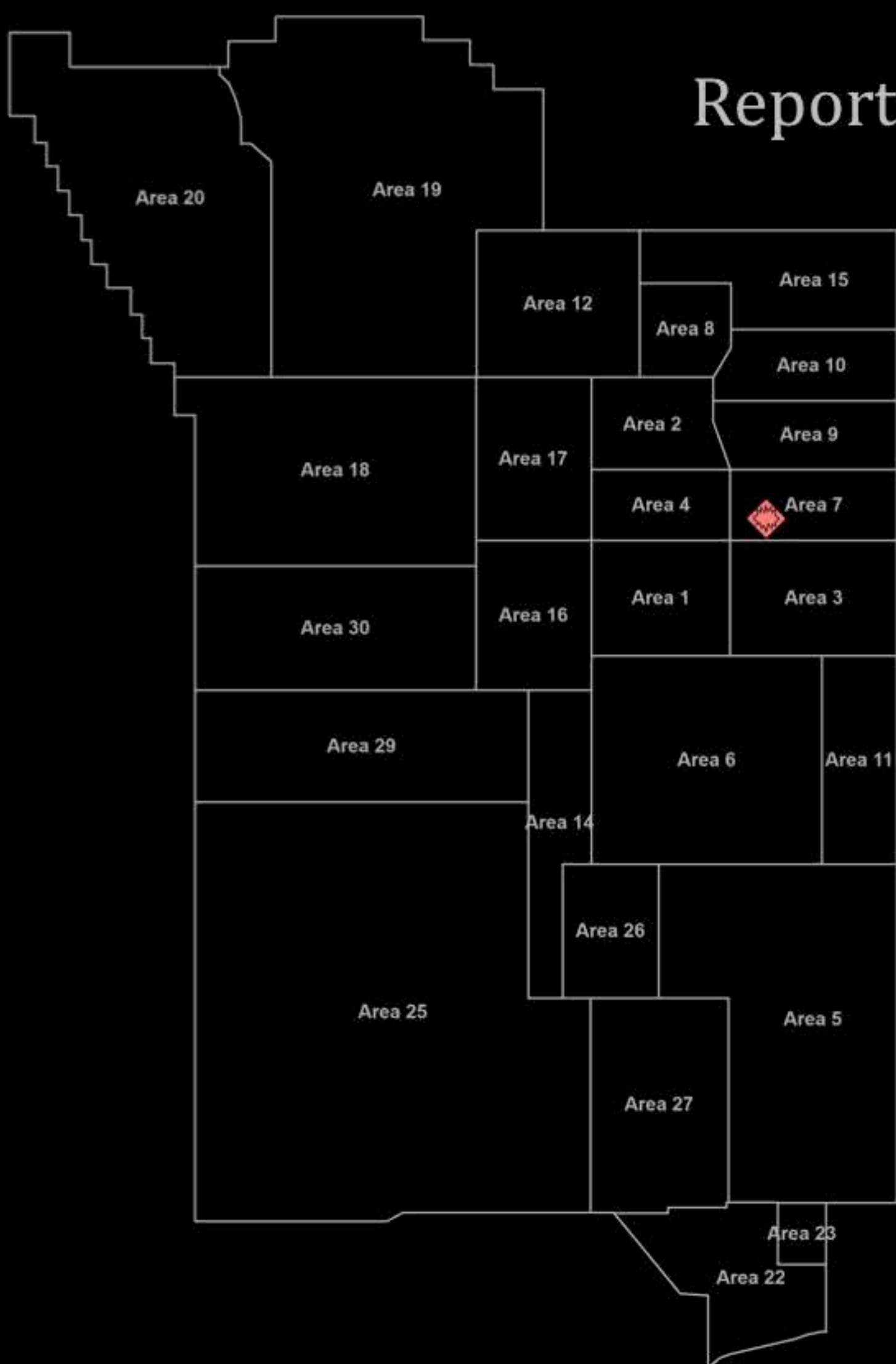
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Nancy occurred within Area 4 of the testing boundaries.



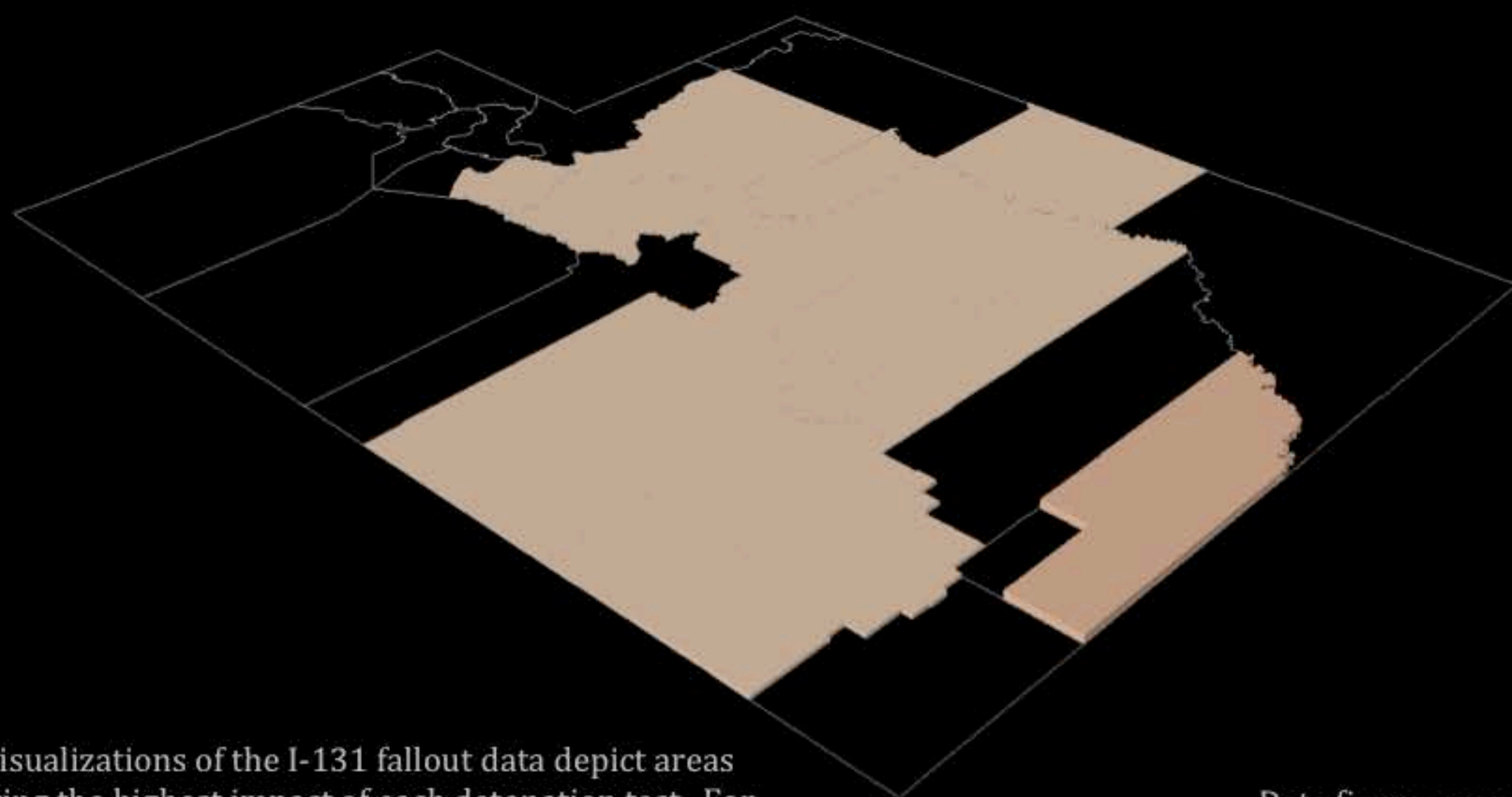
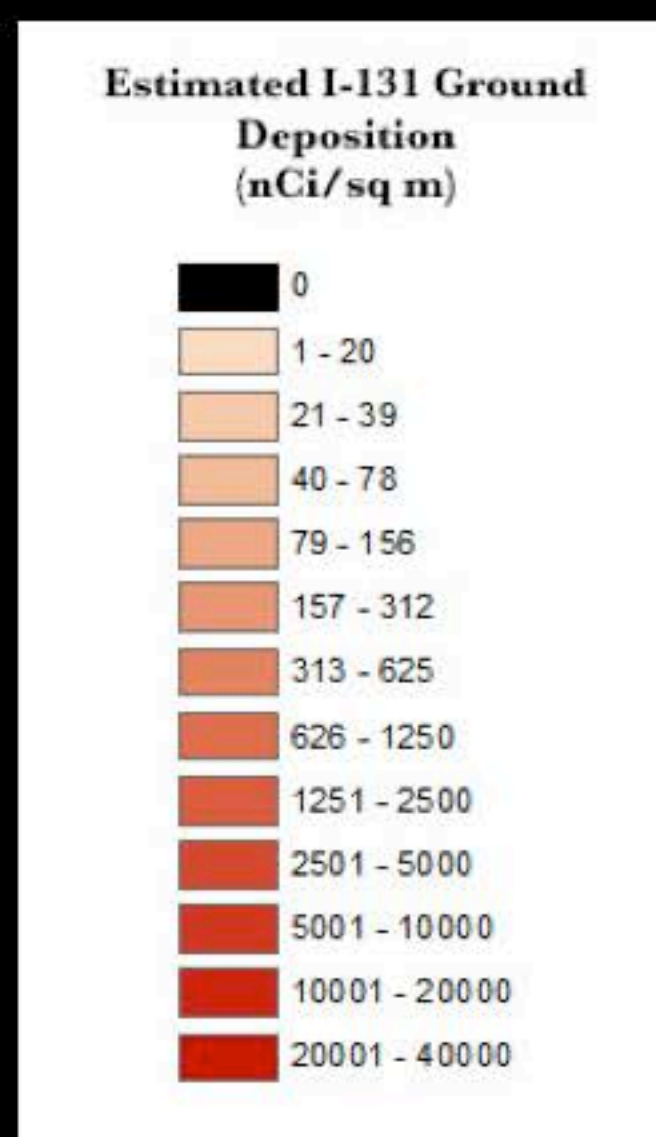
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Morgan county @ 6,880 nCi/sq. m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Upshot-Knothole Ruth Event March 31, 1953



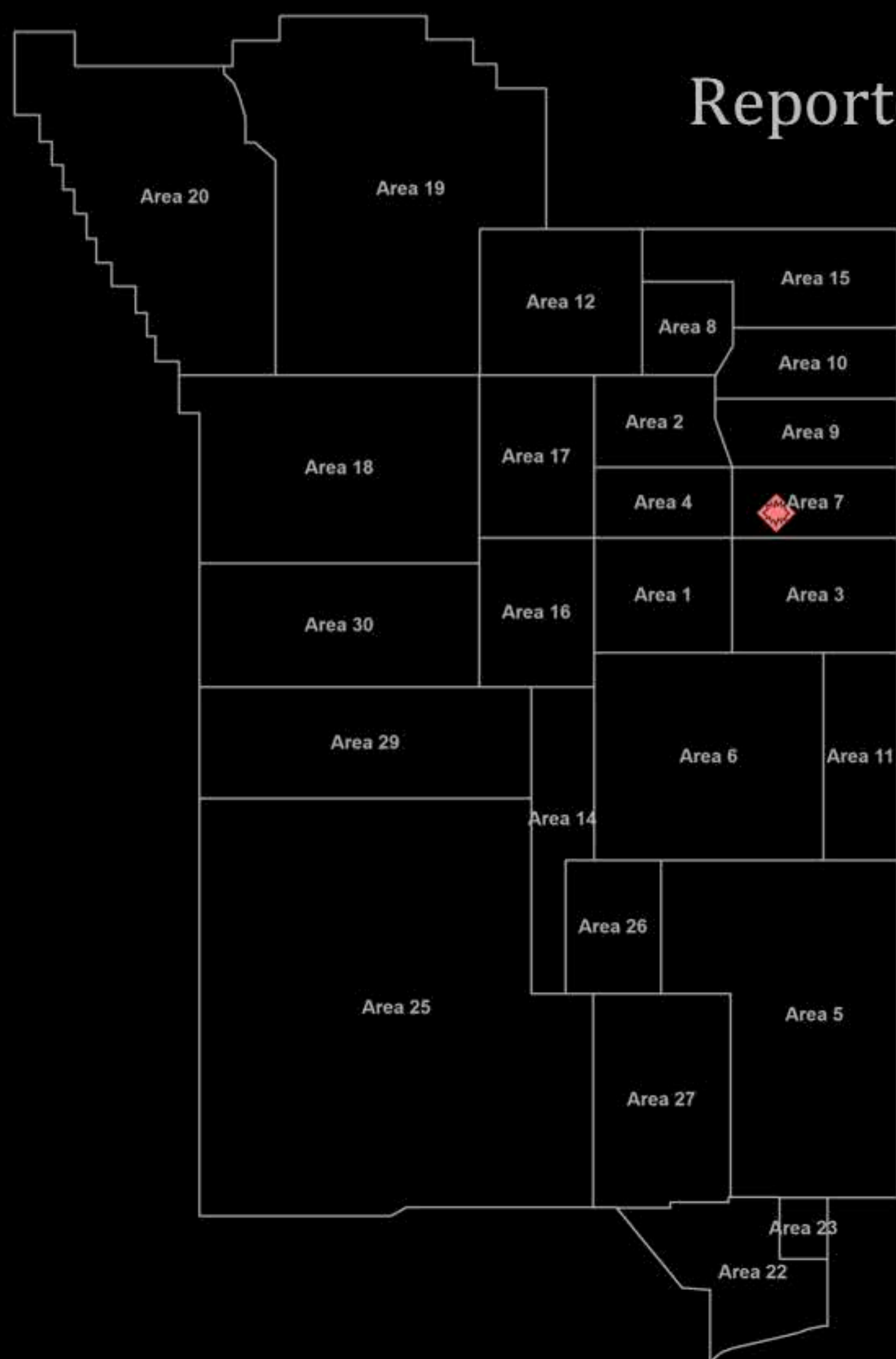
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Ruth occurred within Area 7 of the testing boundaries.



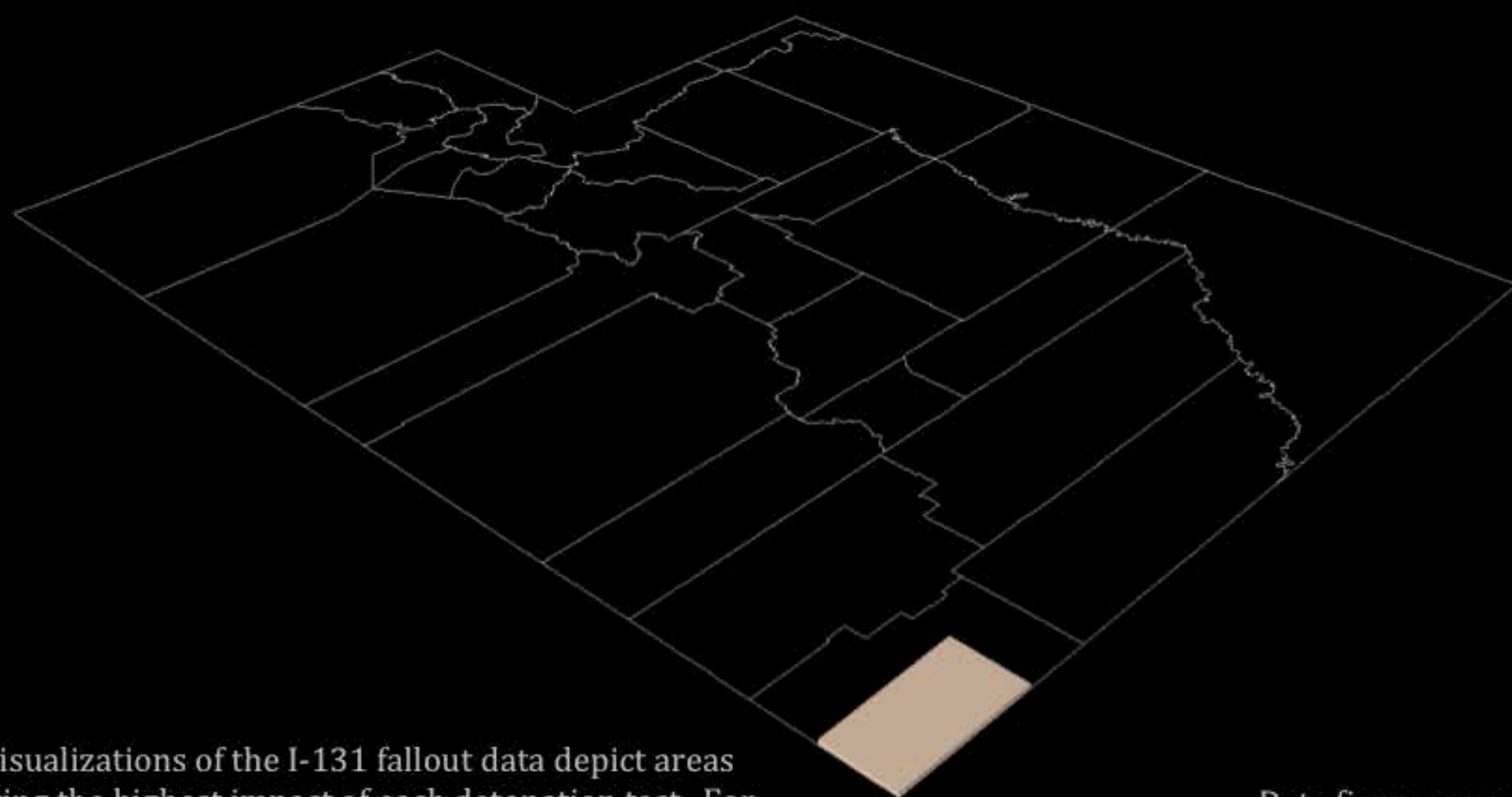
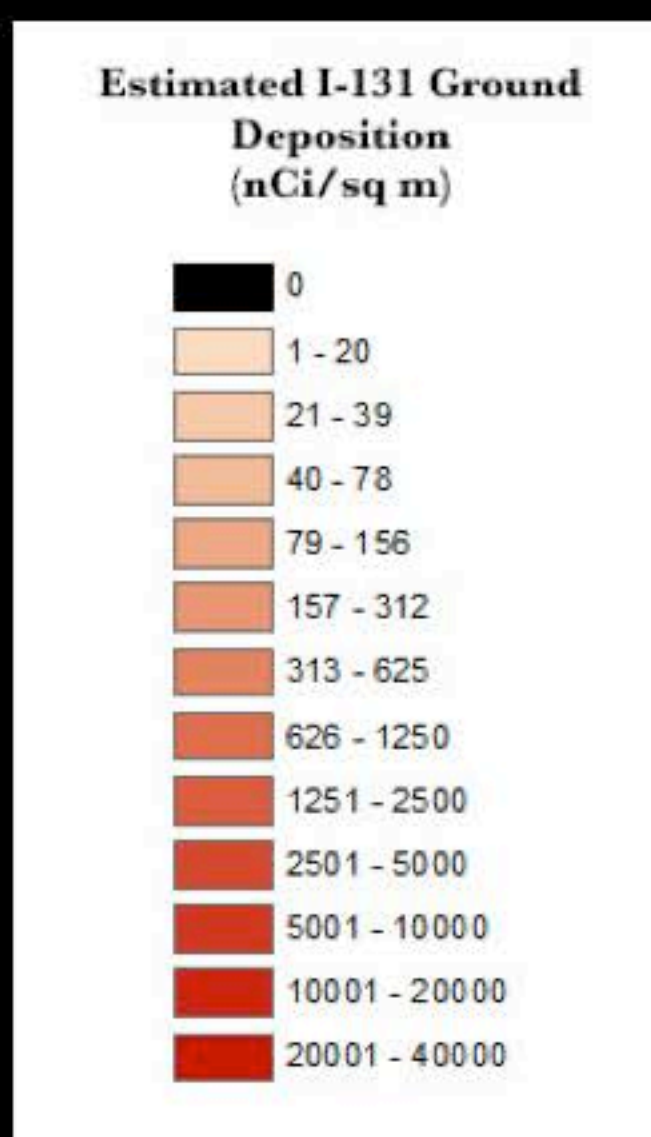
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Kane county (NCI Zone 1) @ 36 nCi/sq. m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Upshot-Knothole Dixie Event April 6, 1953



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Dixie occurred within Area 7 of the testing boundaries.



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Washington county (NCI Zone 2) @ 19 nCi/sq. m.

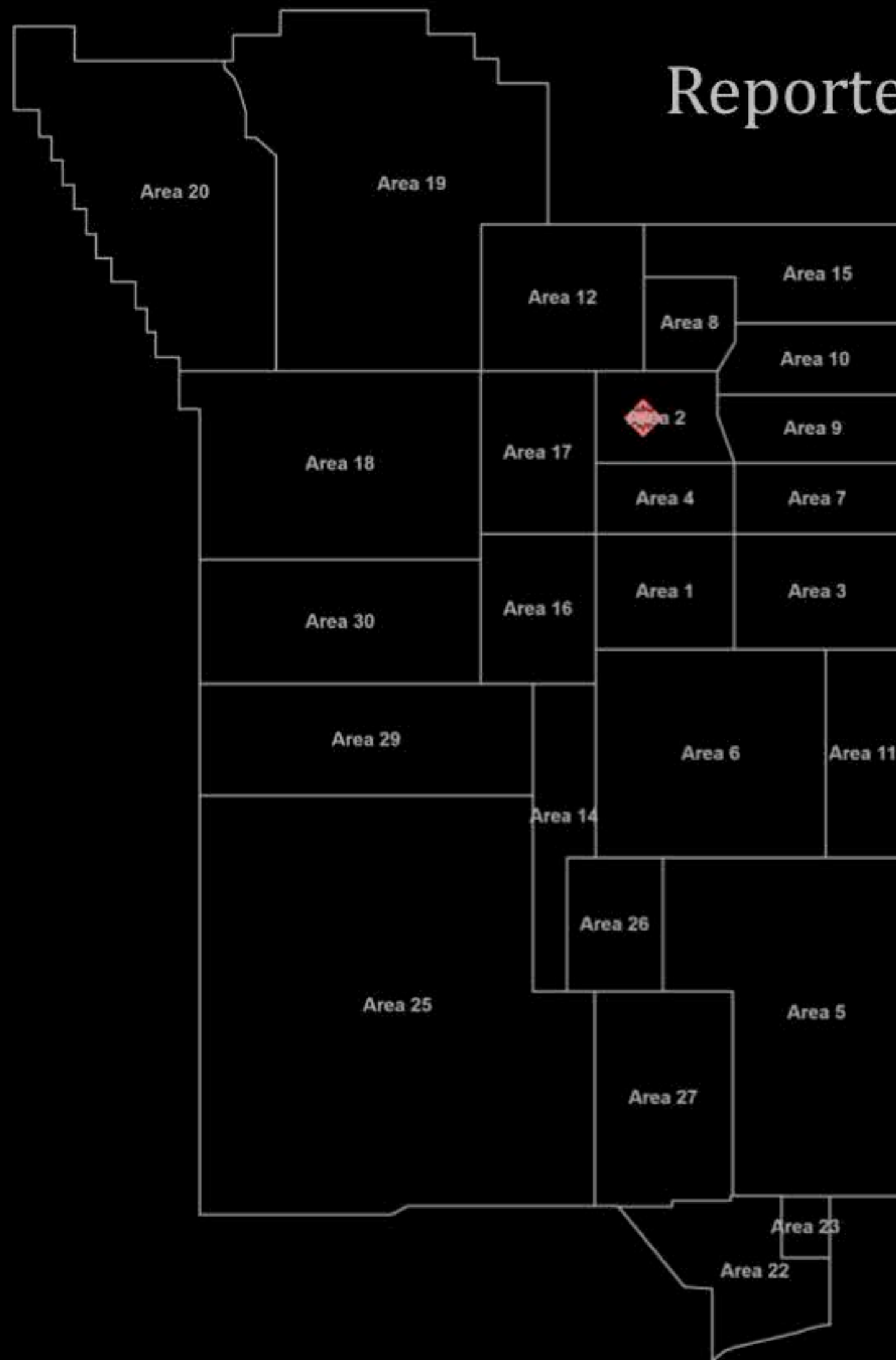


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels

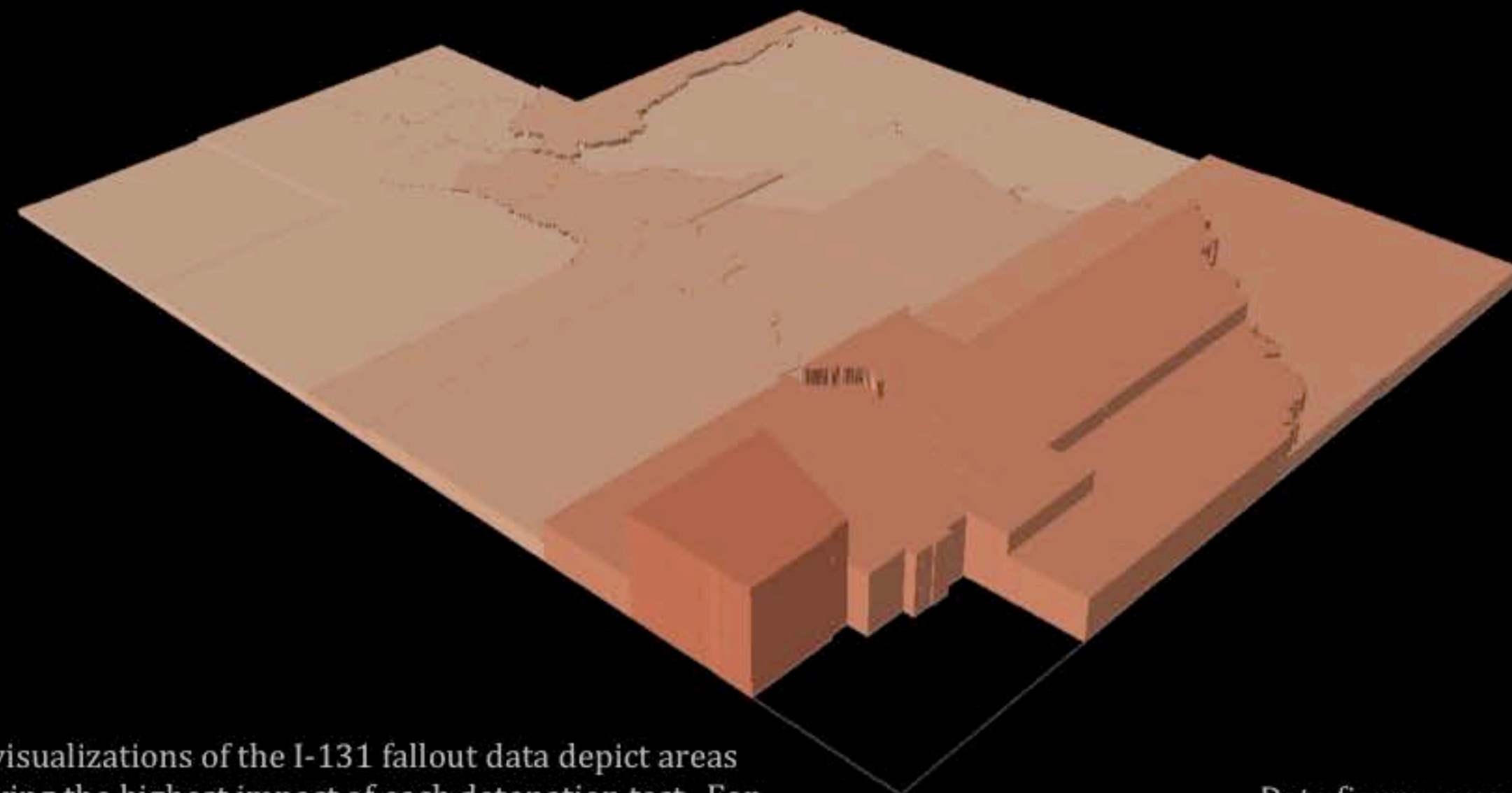
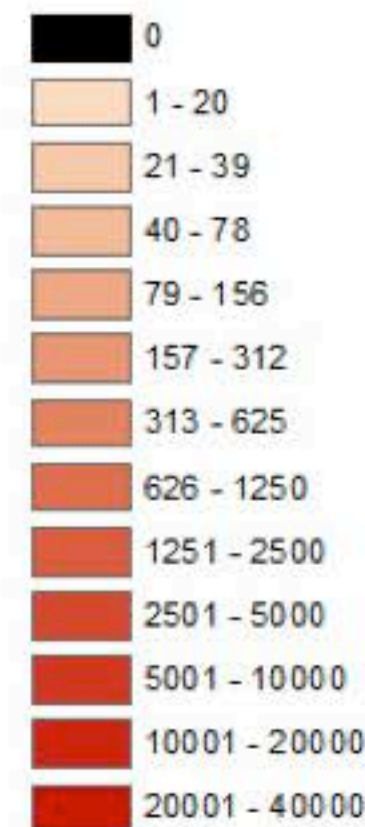
Reported for the Operation Upshot-Knothole Badger Event

April 18, 1953

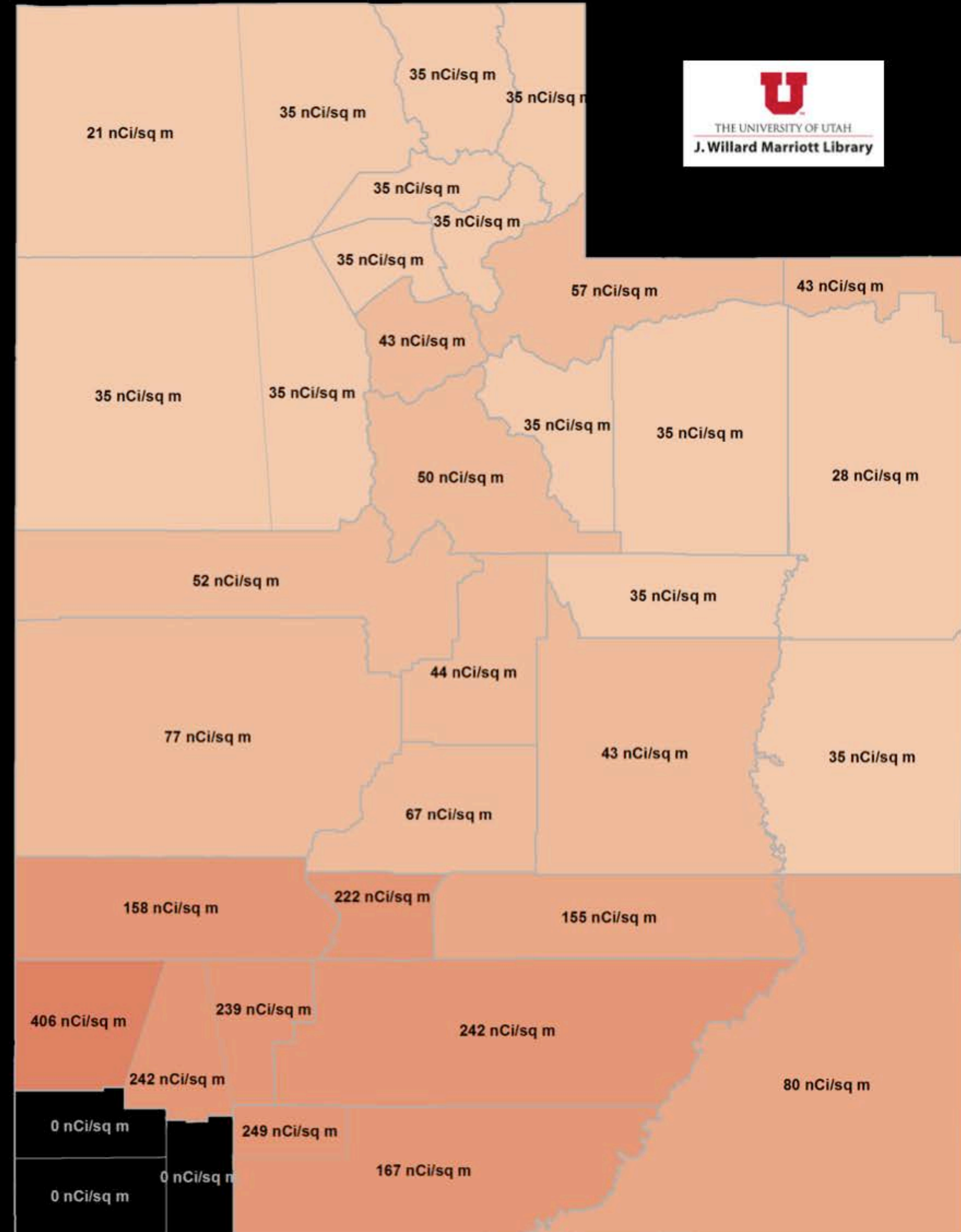


The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Badger occurred within Area 2 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)

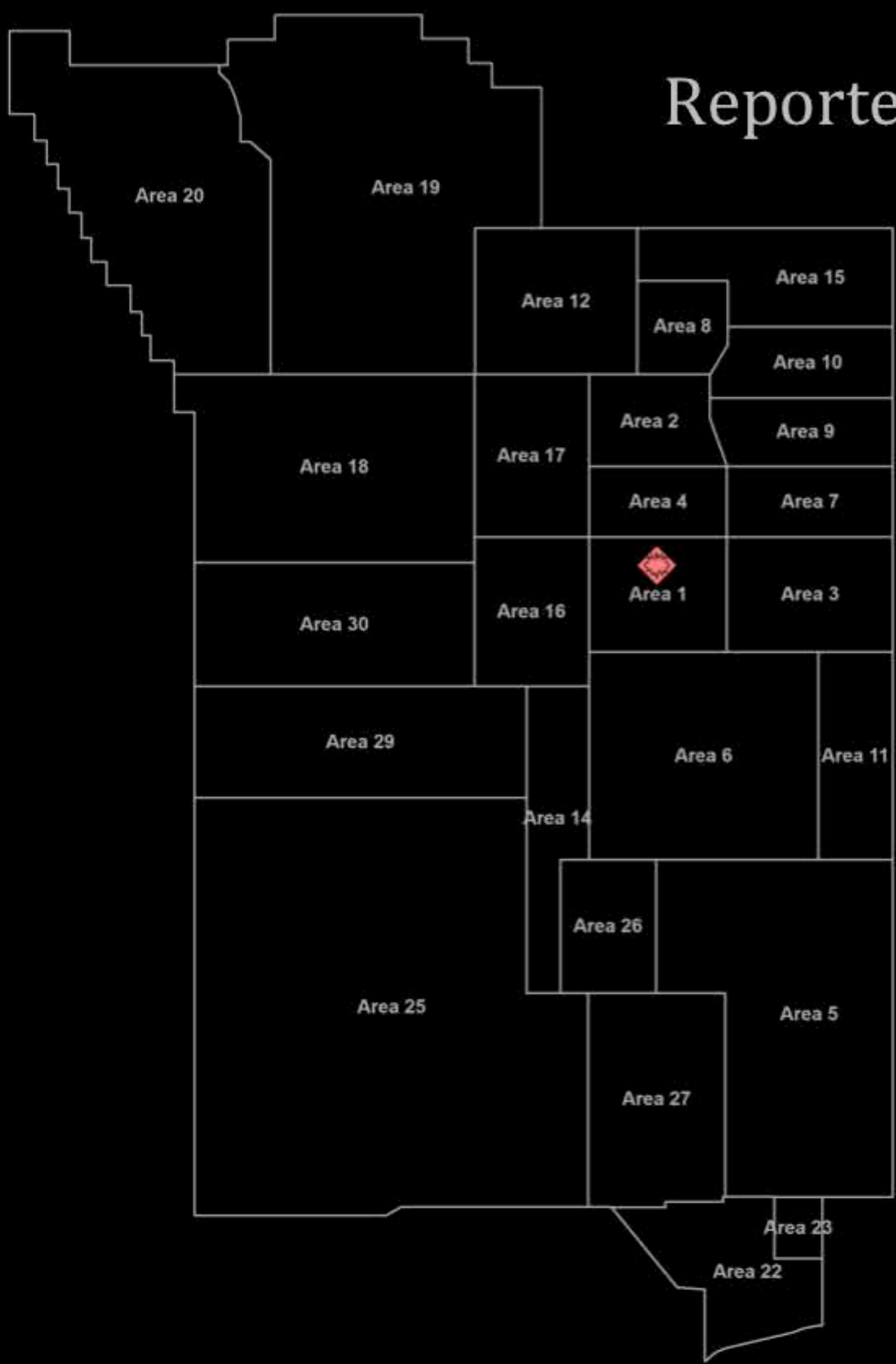


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Iron county (NCI Zone 1) @ 406 nCi/sq. m.

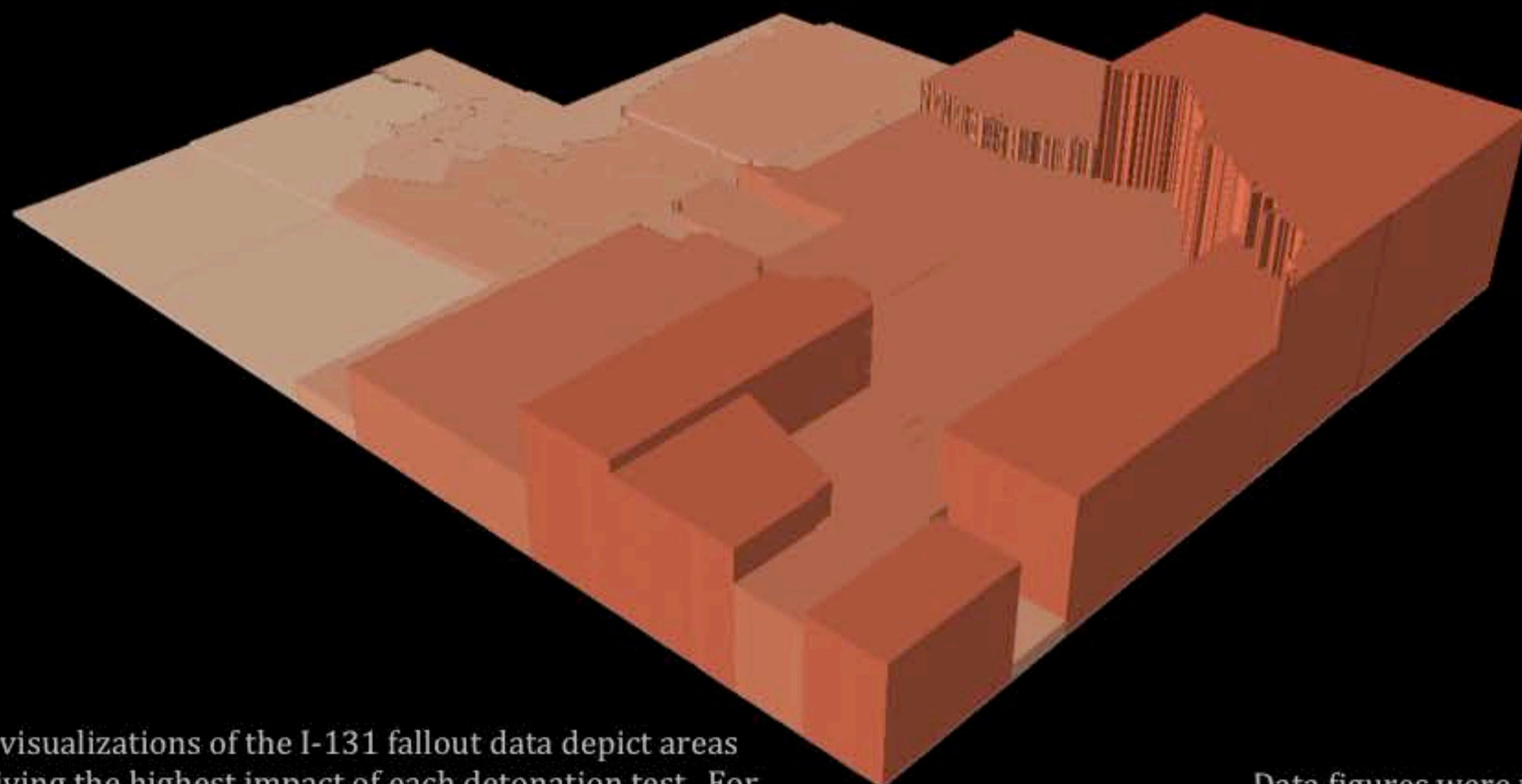
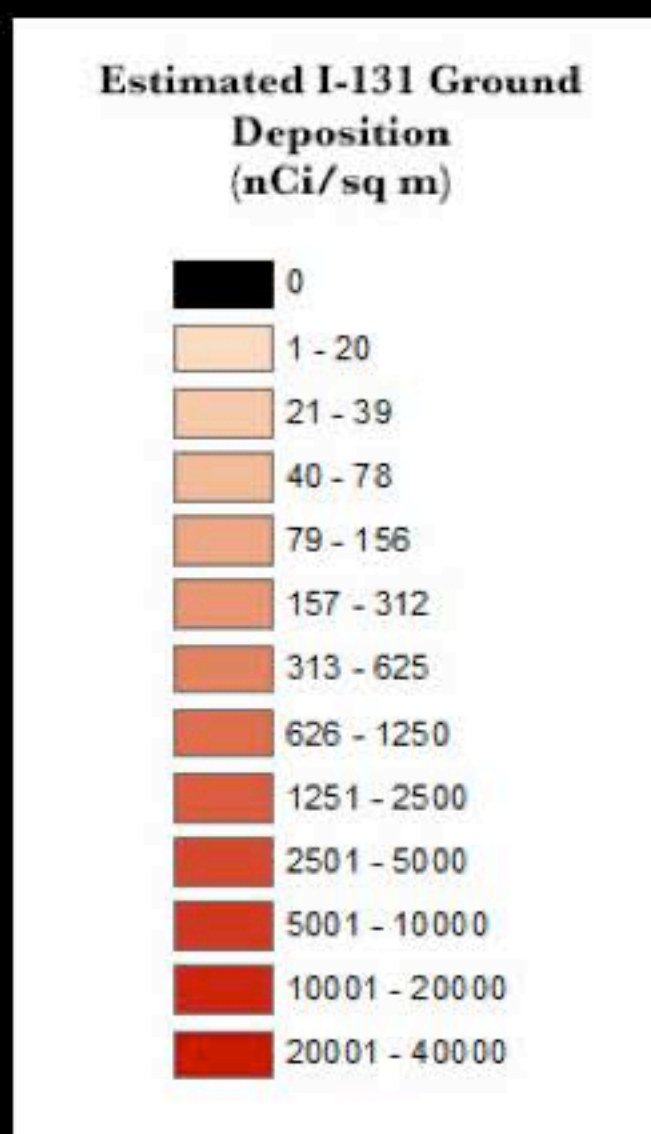


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

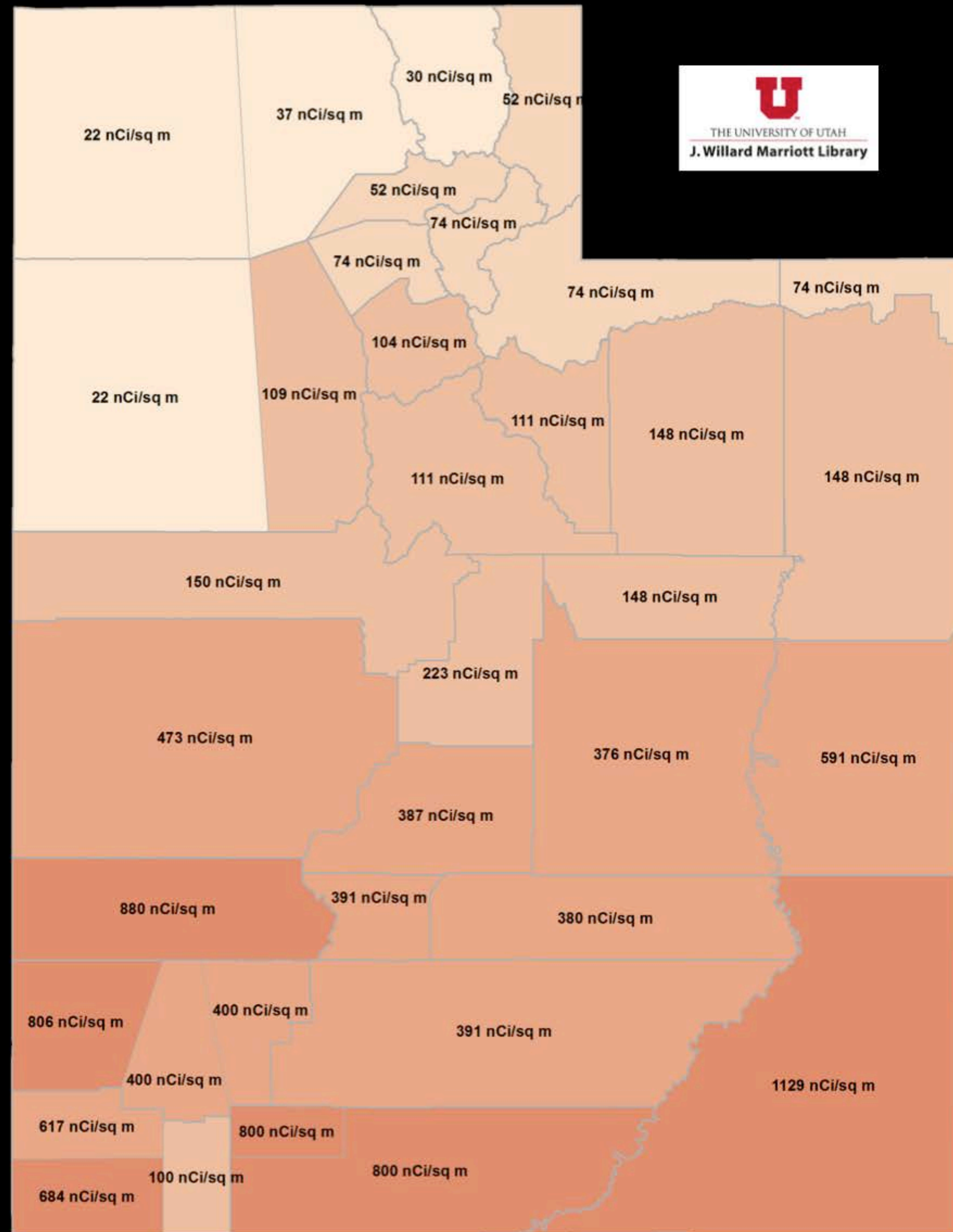
I-131 Ground Deposition Levels Reported for the Operation Upshot-Knothole Simon Event April 25, 1953



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Simon occurred within Area 1 of the testing boundaries.



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in San Juan county @ 1,129 nCi/sq. m.

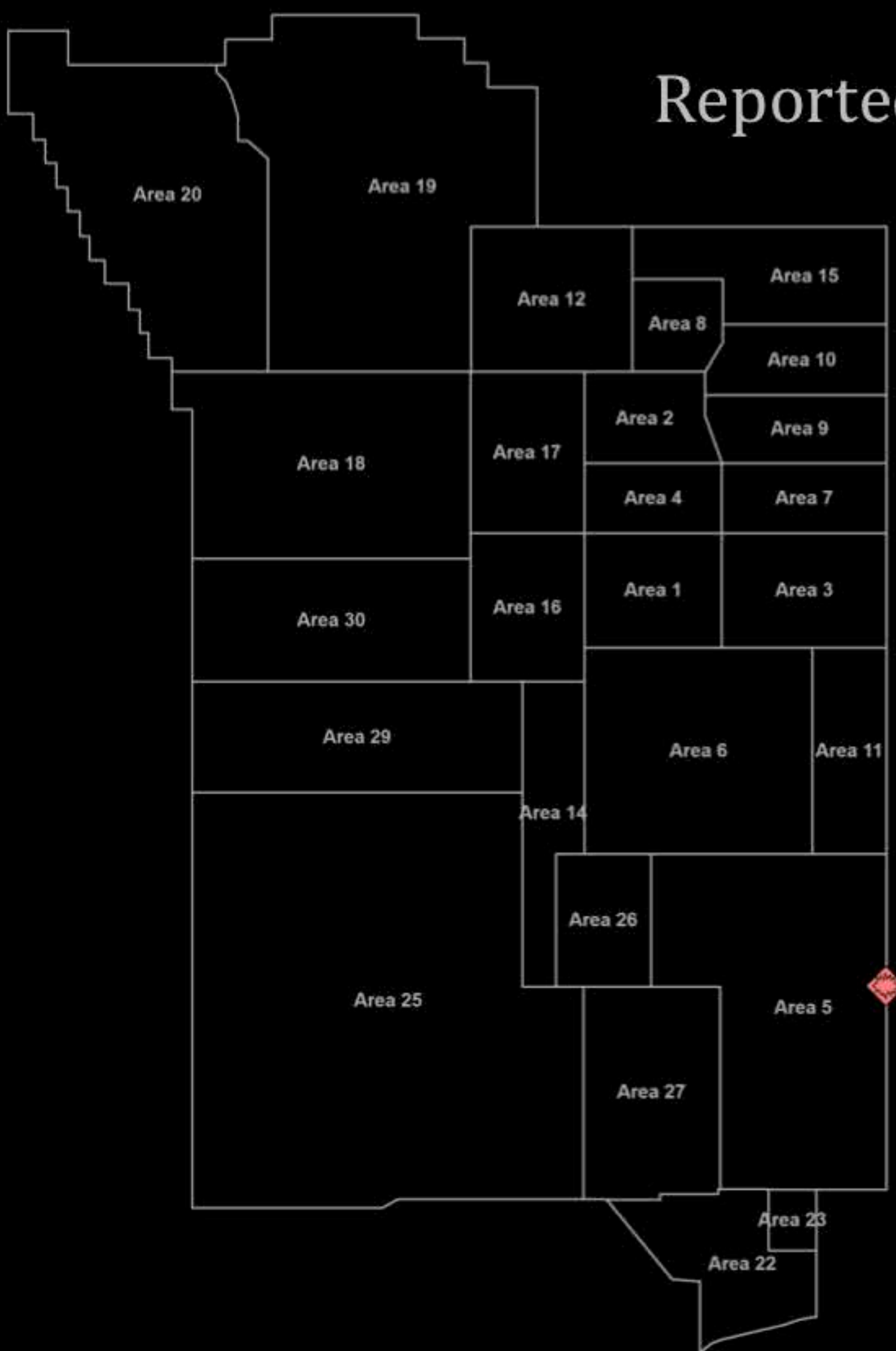


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

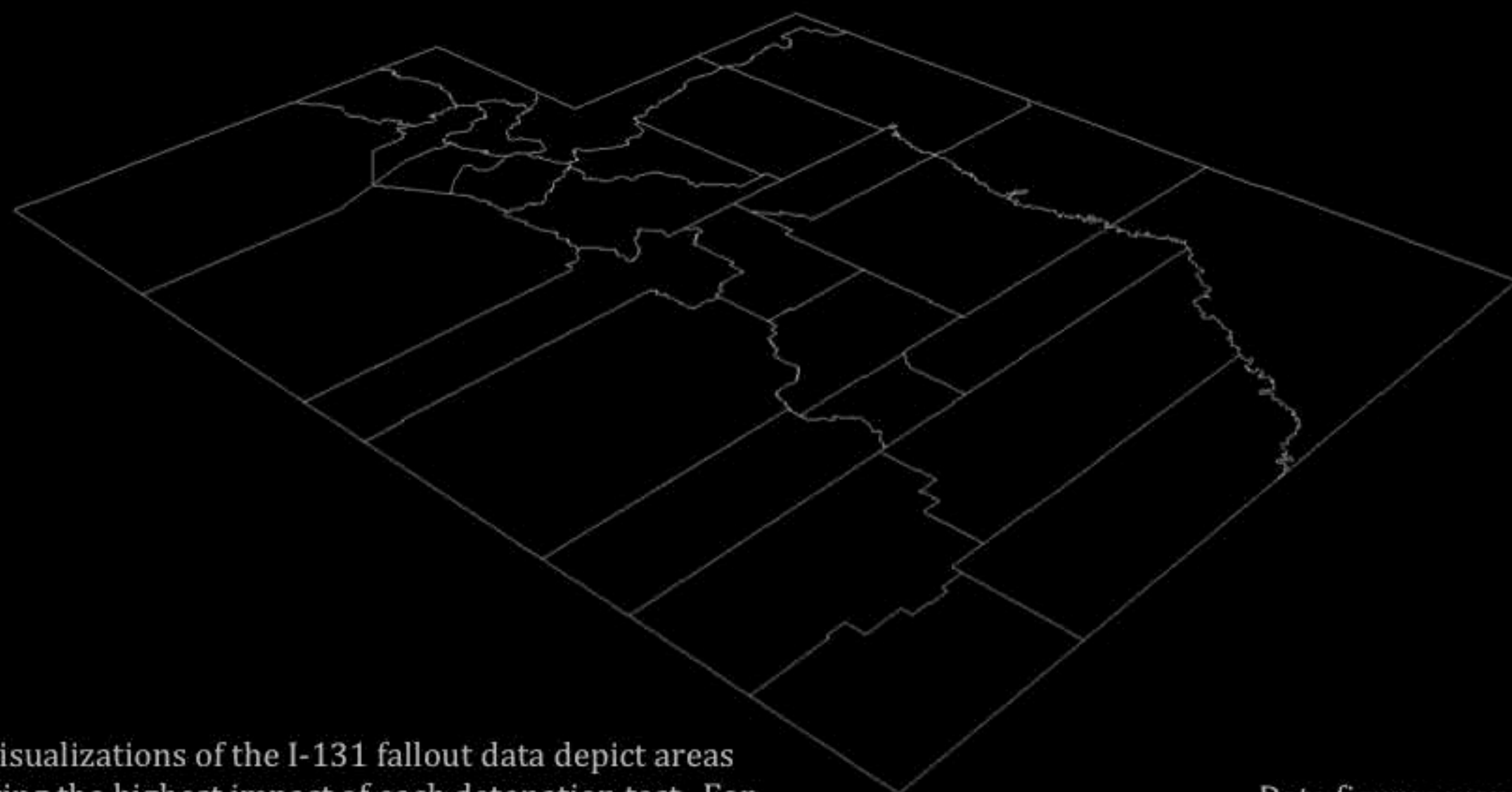
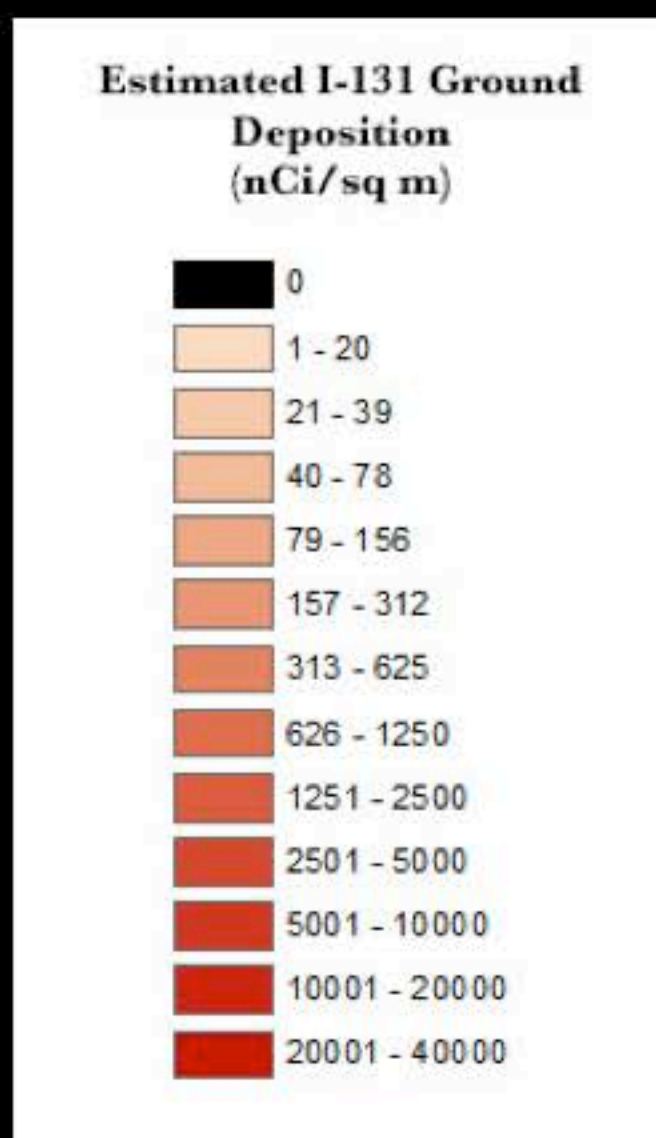
I-131 Ground Deposition Levels

Reported for the Operation Upshot-Knothole Encore Event

May 8, 1953



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Encore occurred within Area 5 of the testing boundaries.

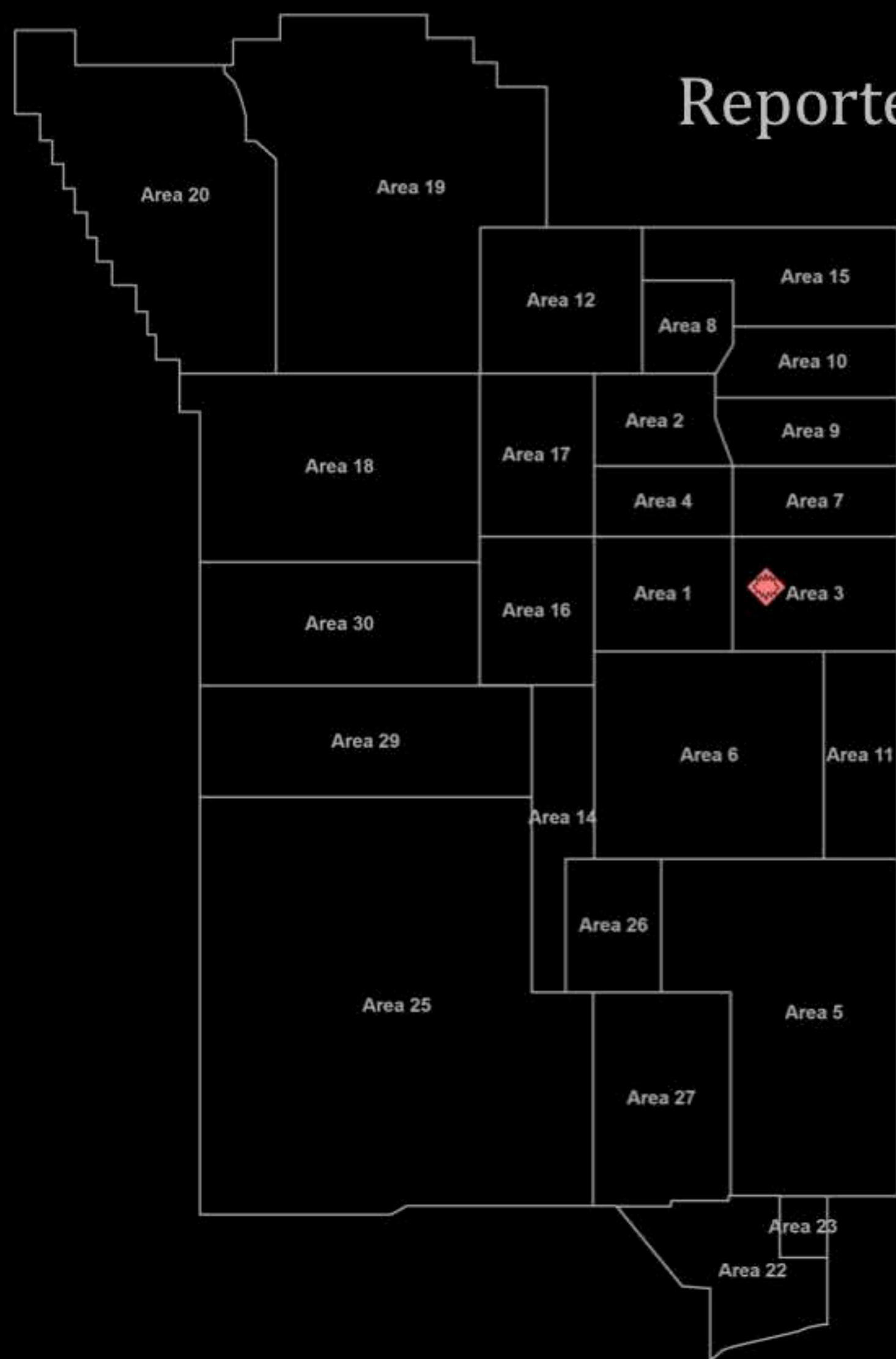


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

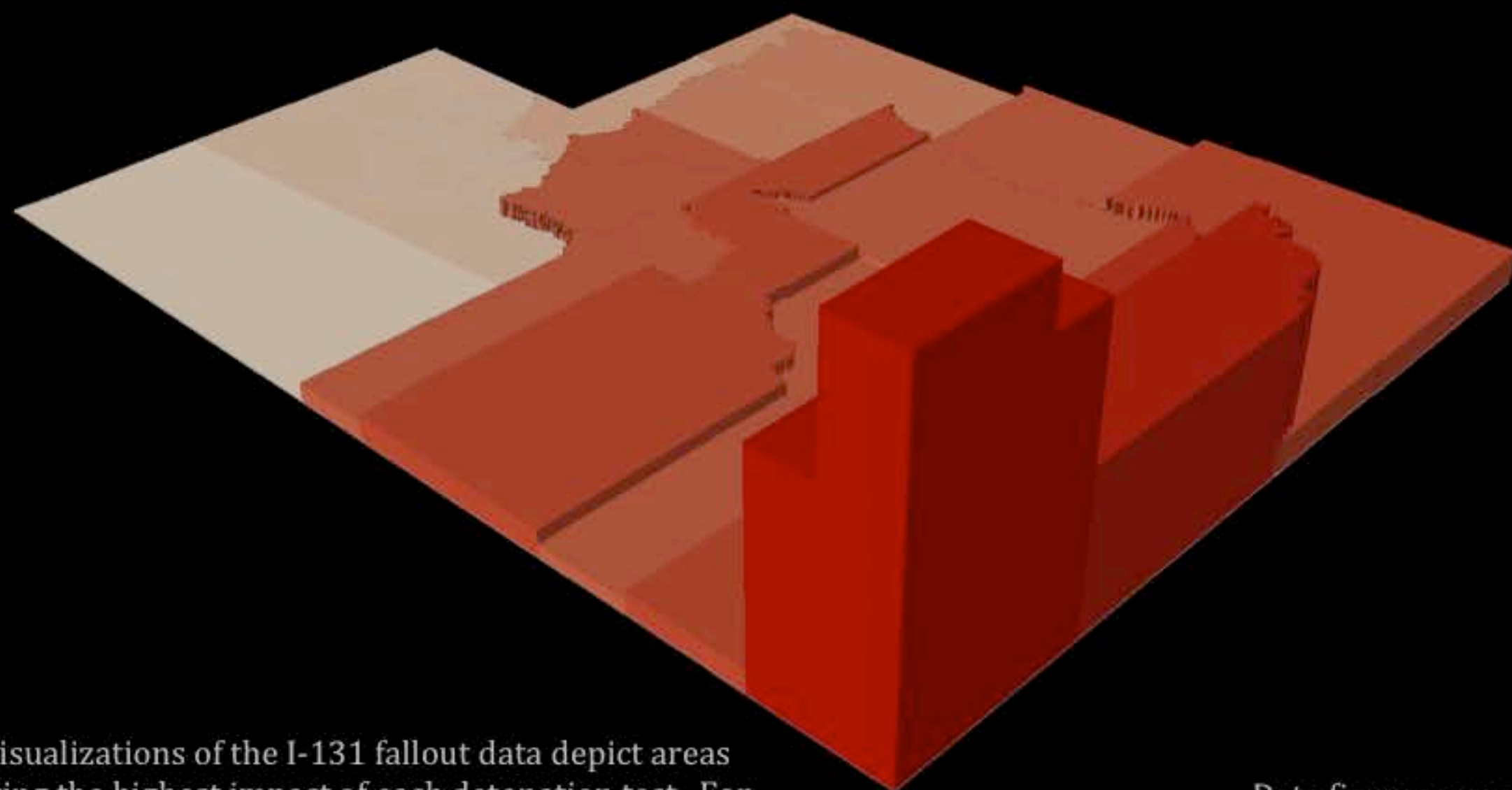
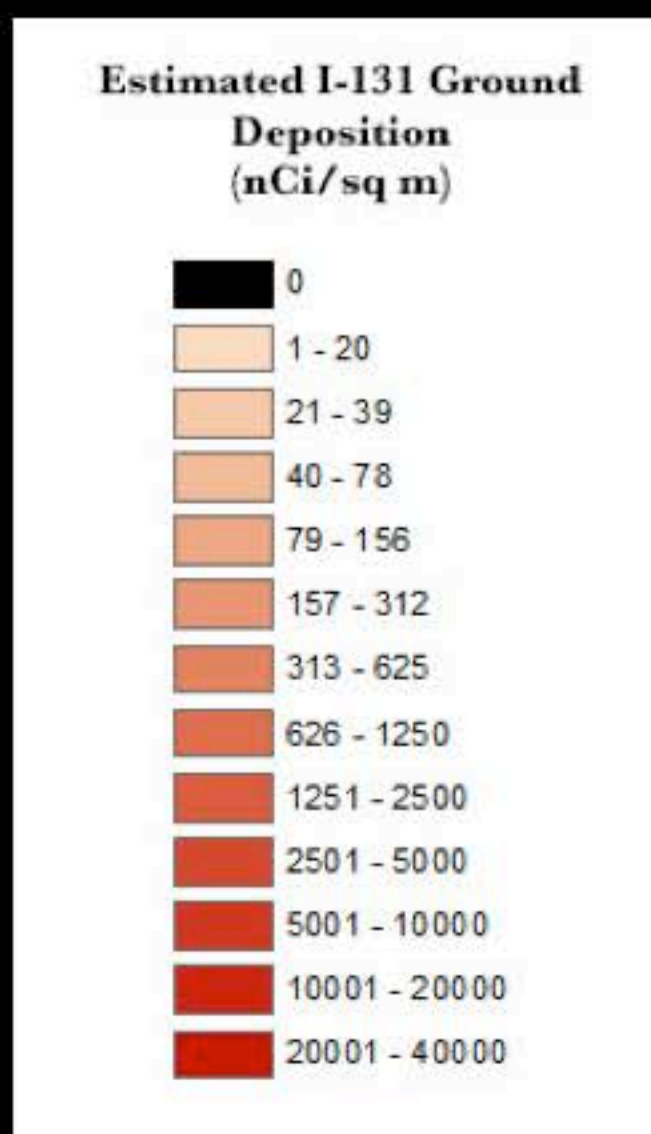


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

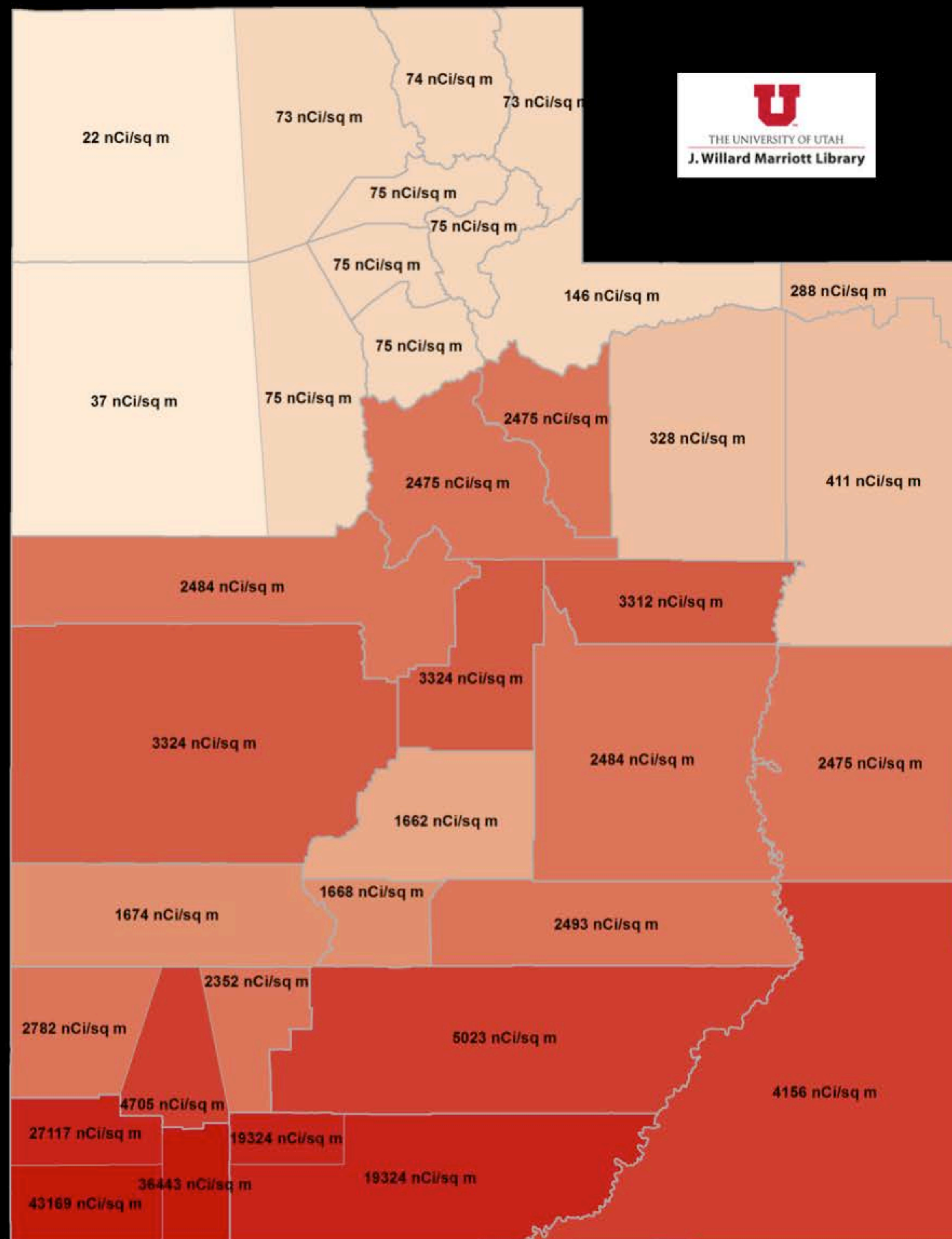
I-131 Ground Deposition Levels Reported for the Operation Upshot-Knothole Harry Event May 19, 1953



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Harry occurred within Area 3 of the testing boundaries.

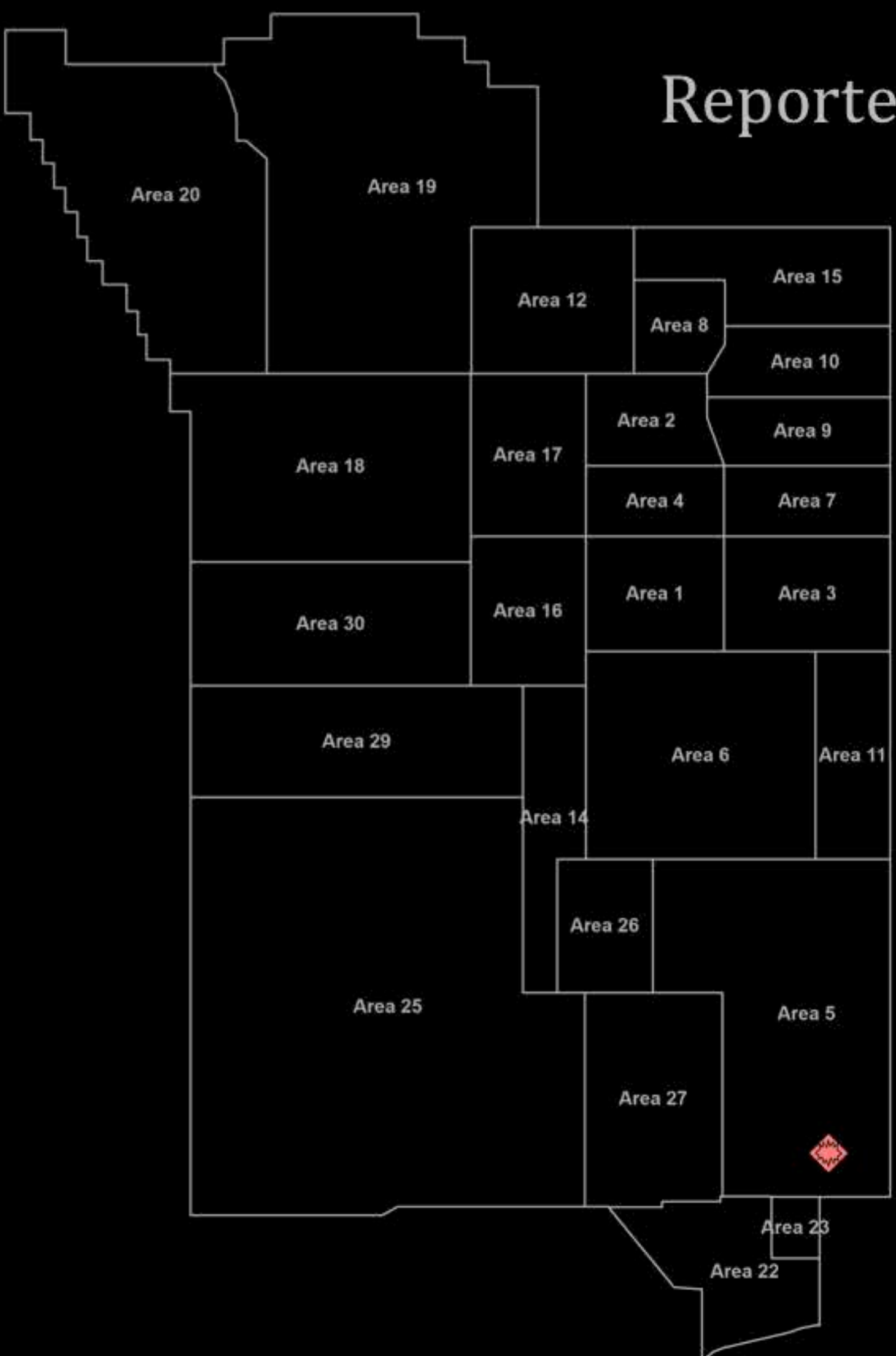


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Washington county (NCI Zone 2) @ 43,169 nCi/sq. m.

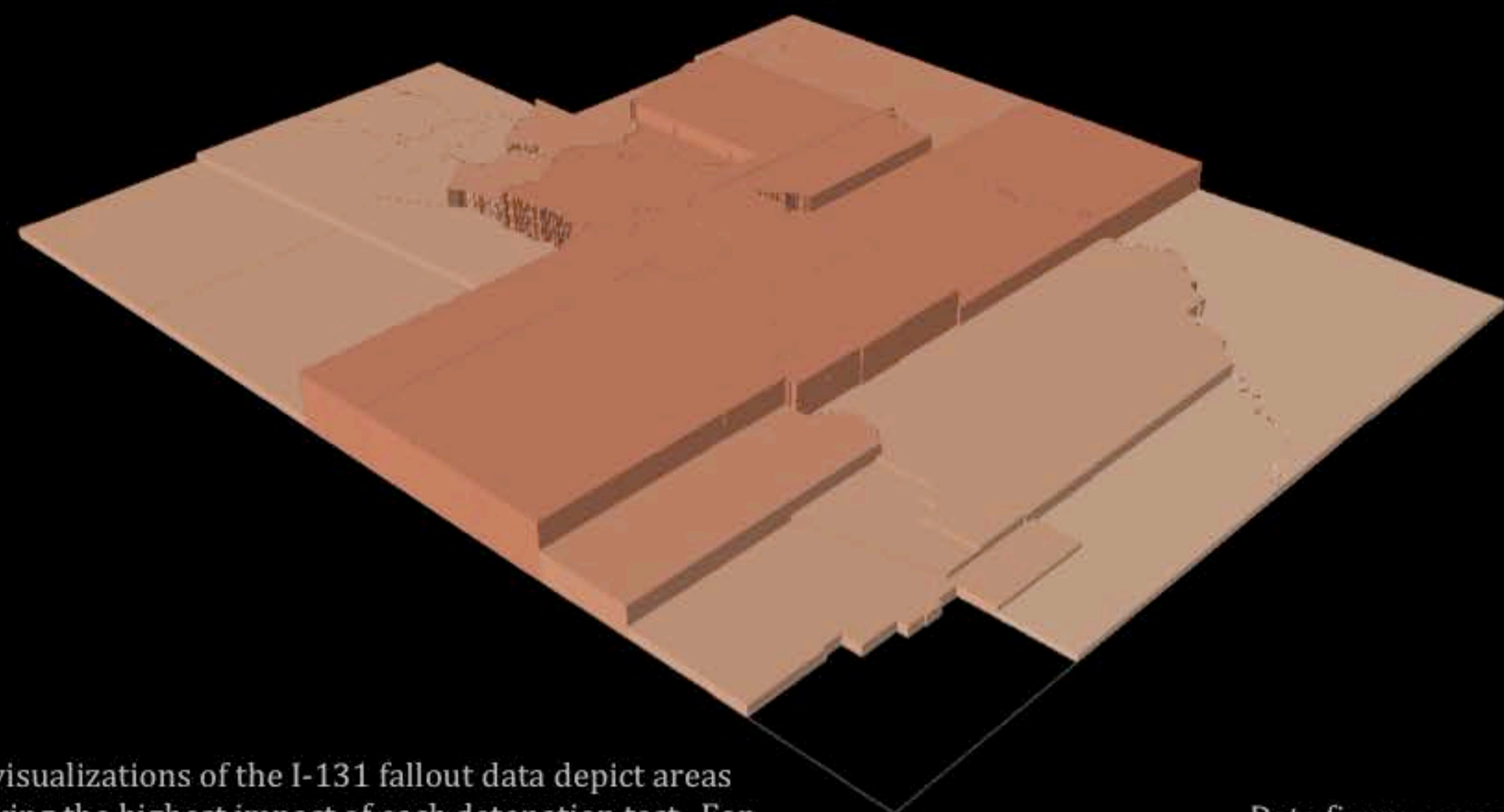
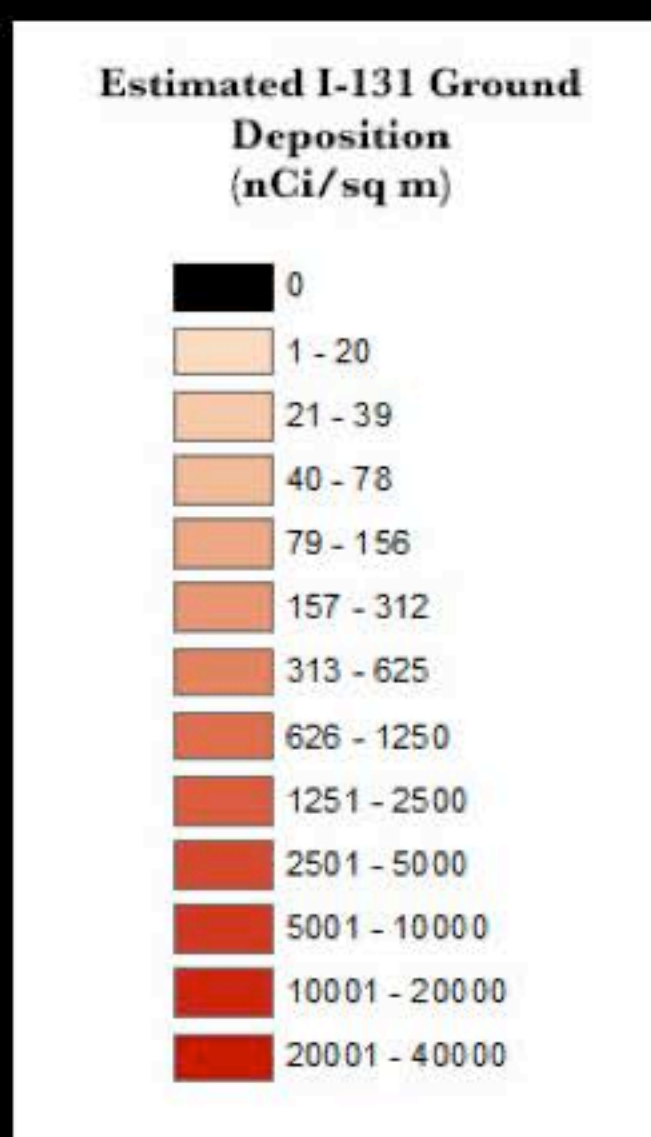


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

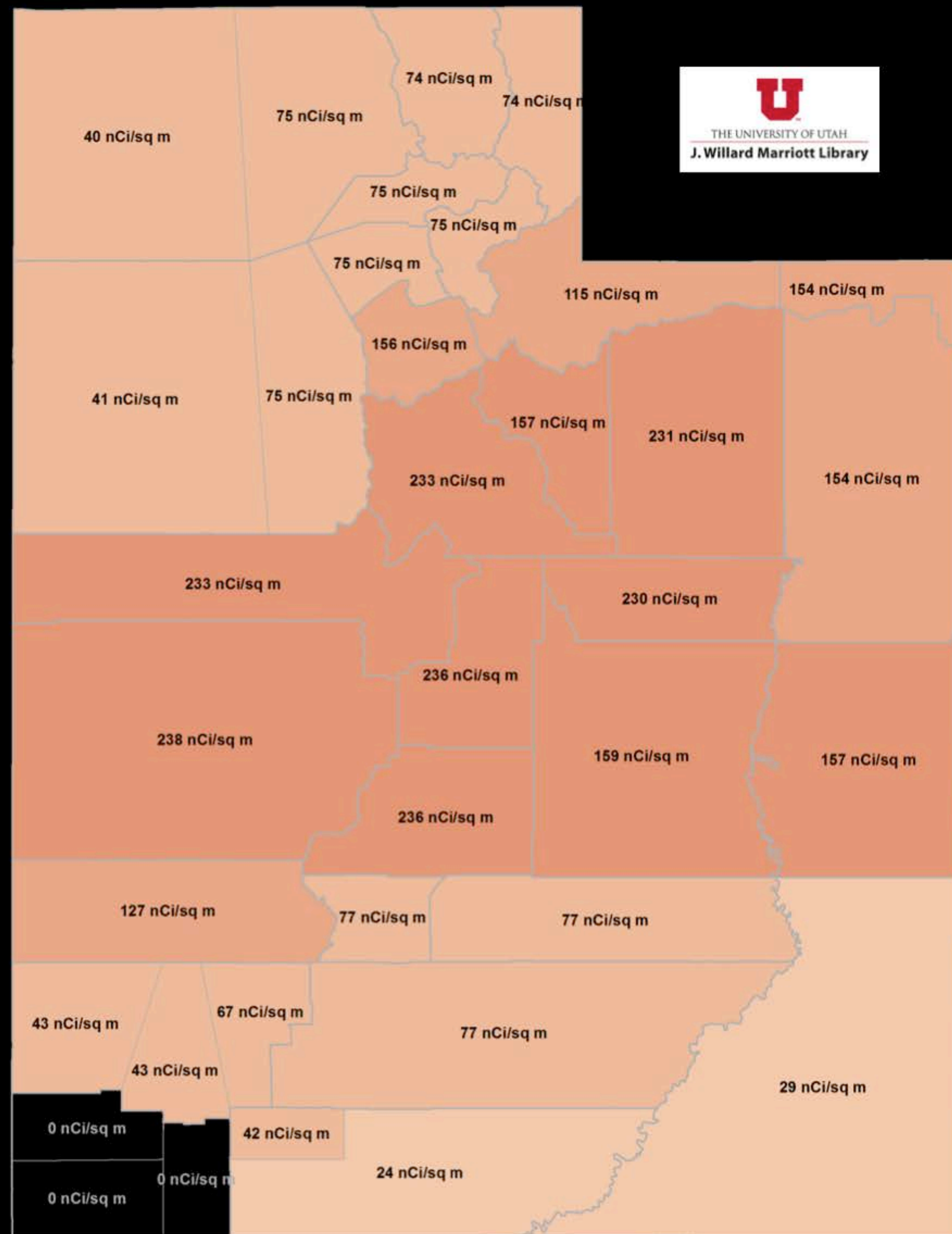
I-131 Ground Deposition Levels Reported for the Operation Upshot-Knothole Grable Event May 25, 1953



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Grable occurred within Area 5 of the testing boundaries.

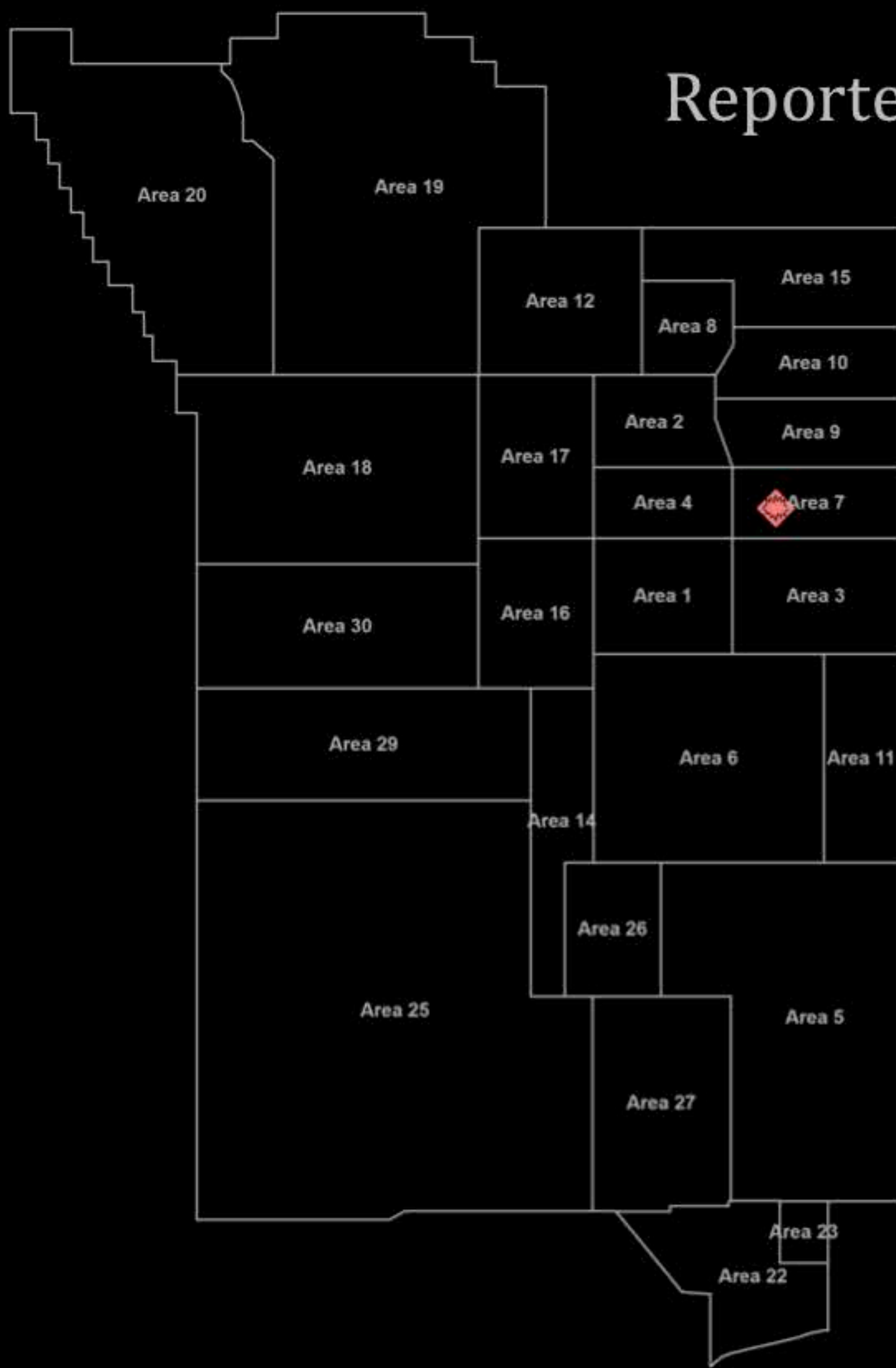


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Millard county @ 238 nCi/sq. m.



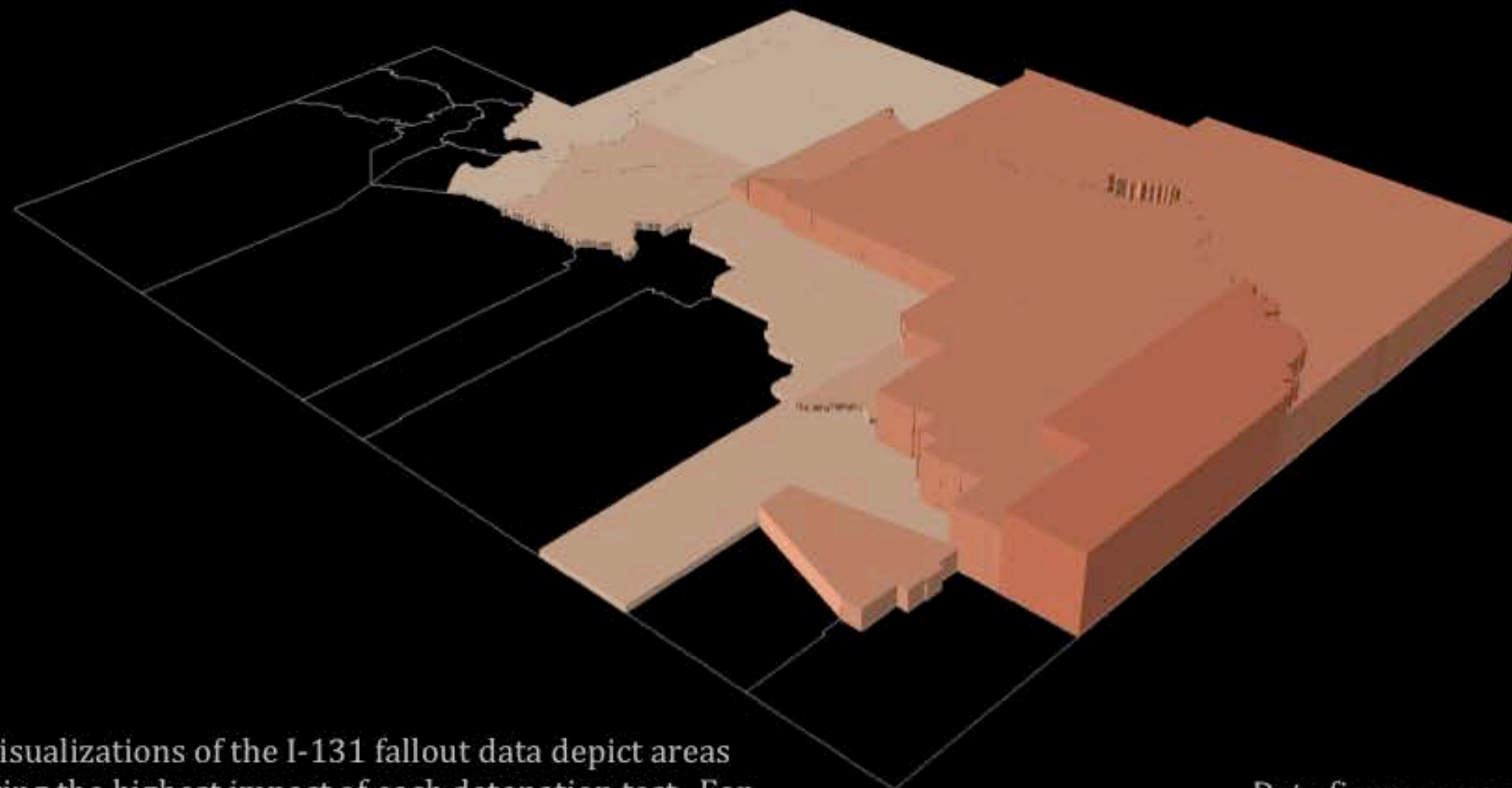
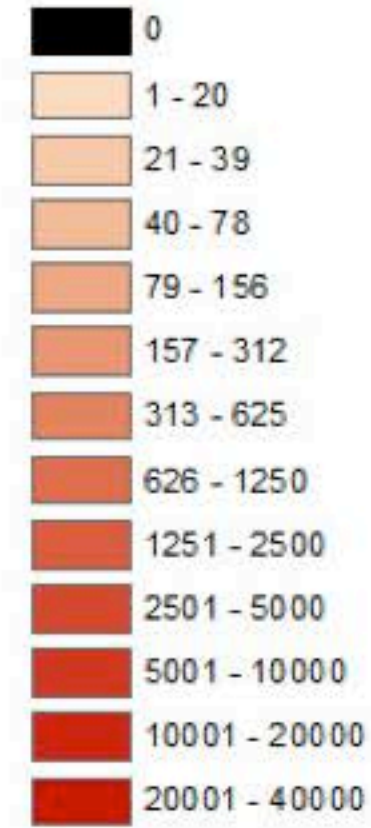
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Upshot-Knothole Climax Event June 4, 1953

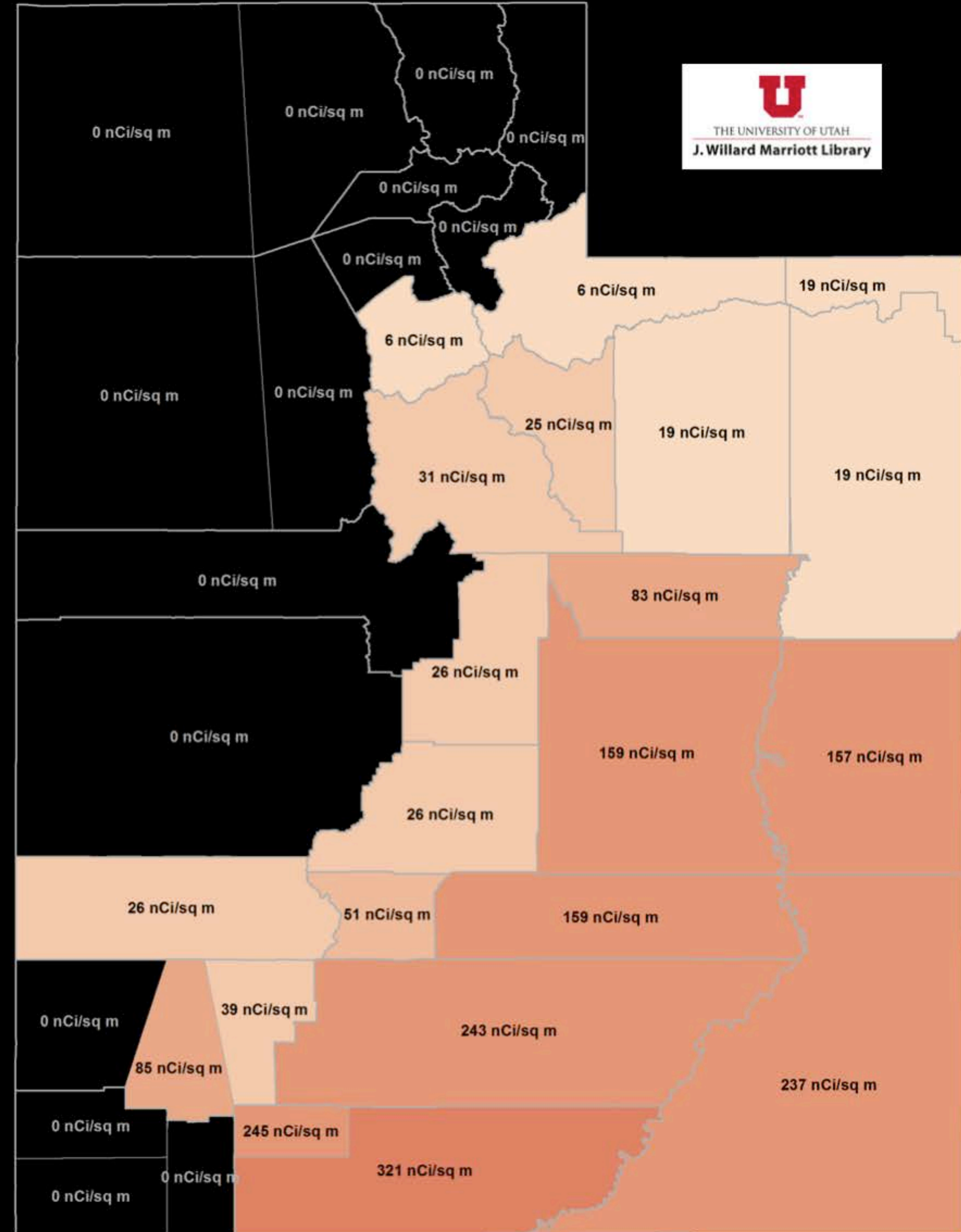


The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Climax occurred within Area 7 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)

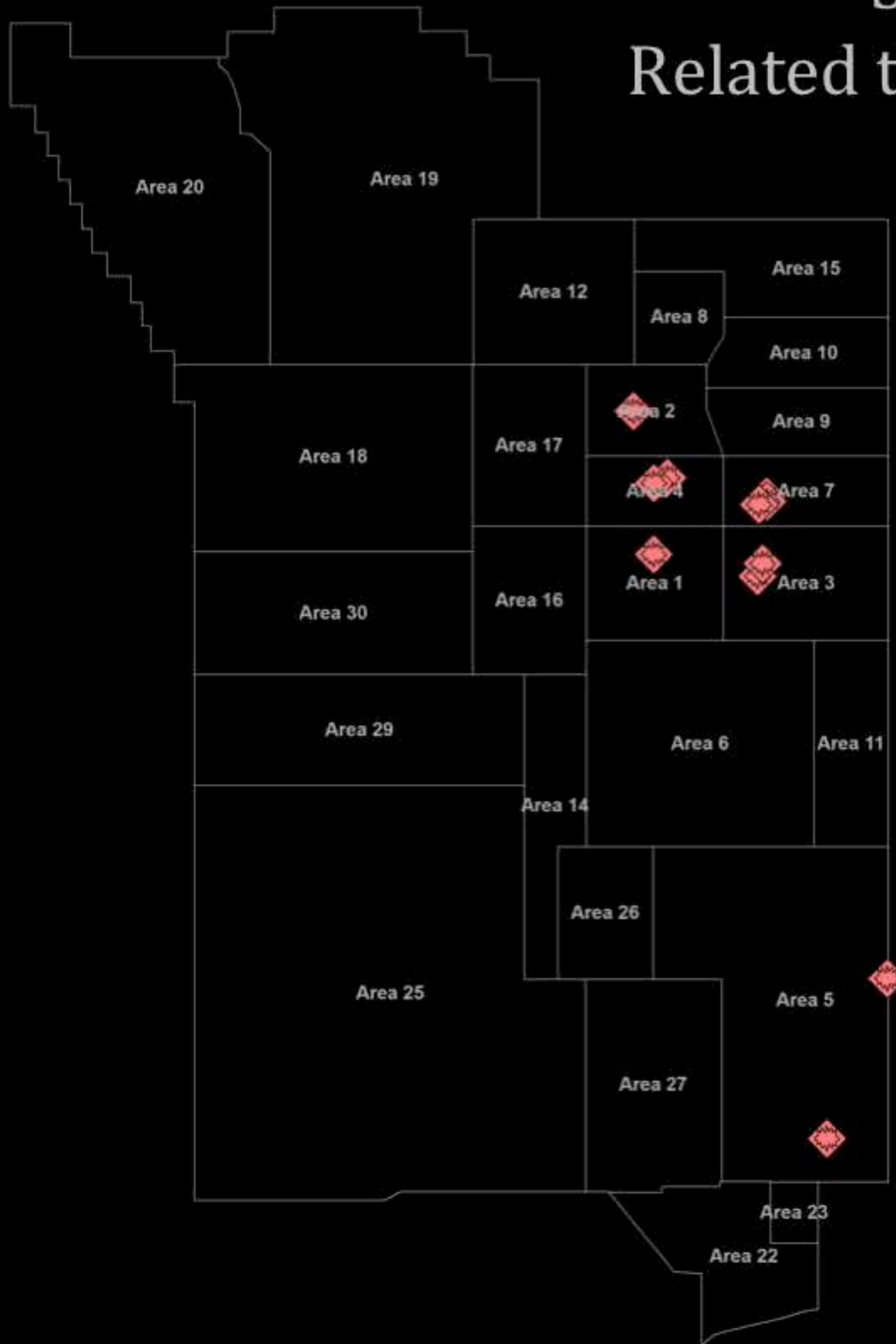


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Kane county (NCI Zone 1) @ 321 nCi/sq. m.

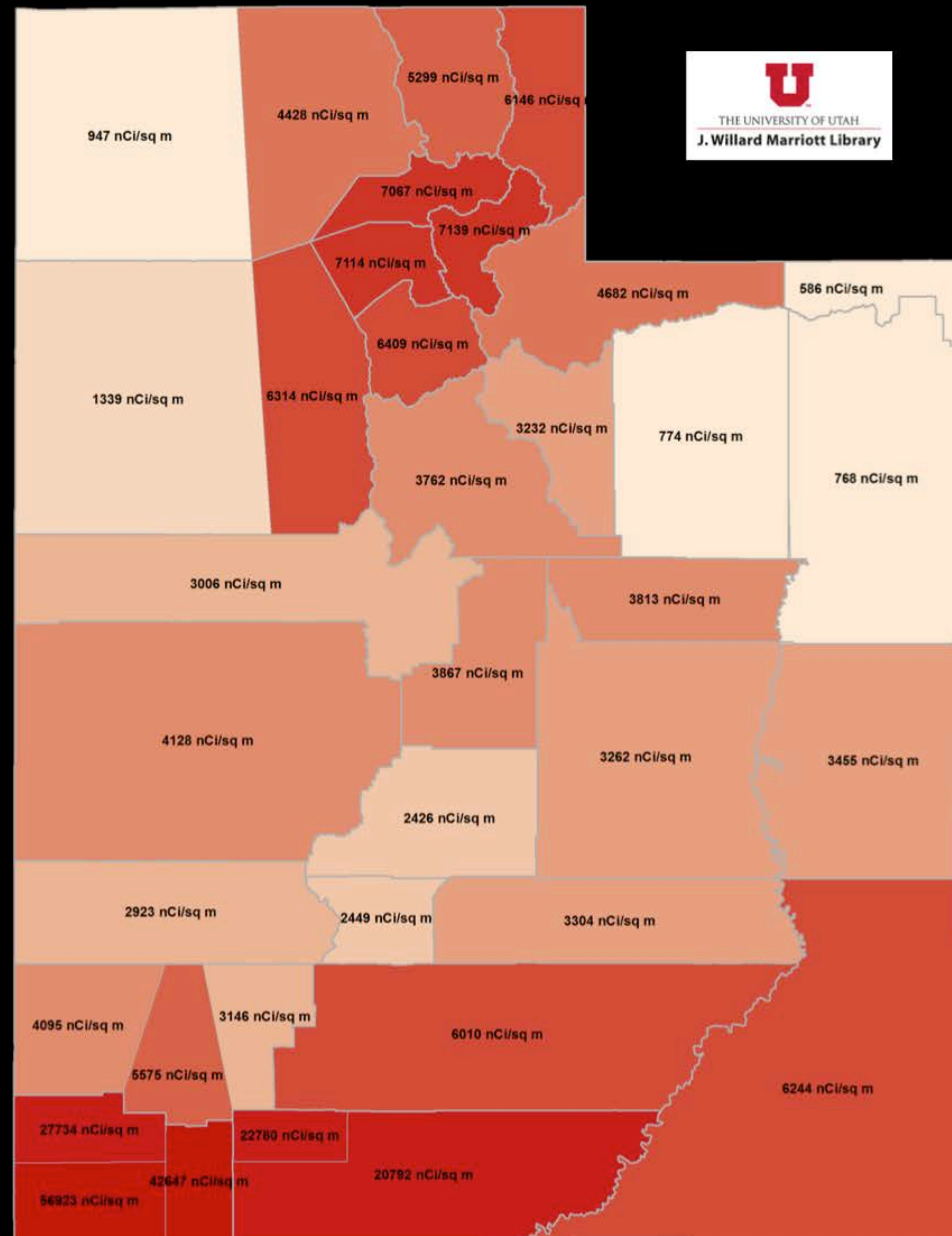
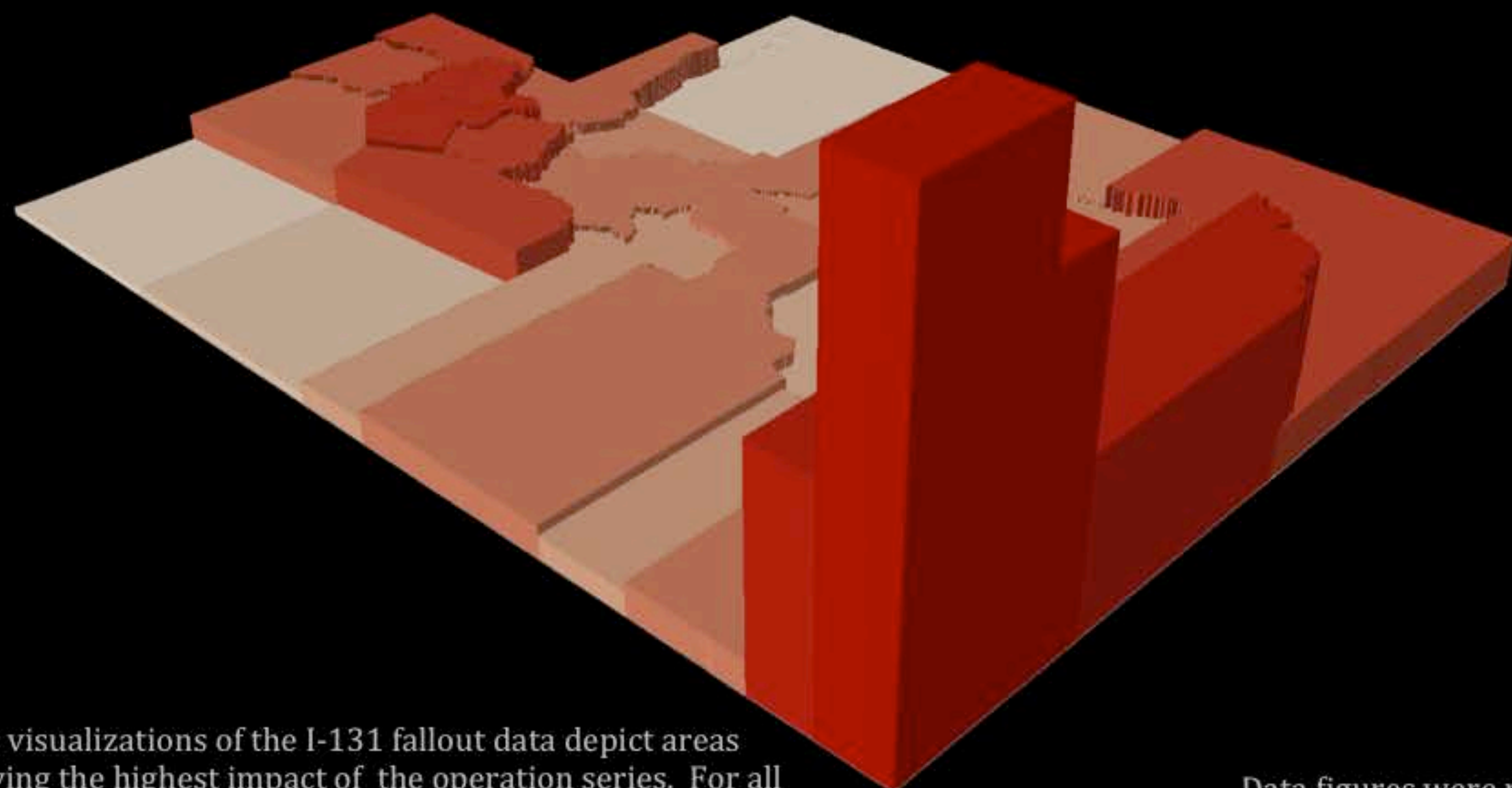
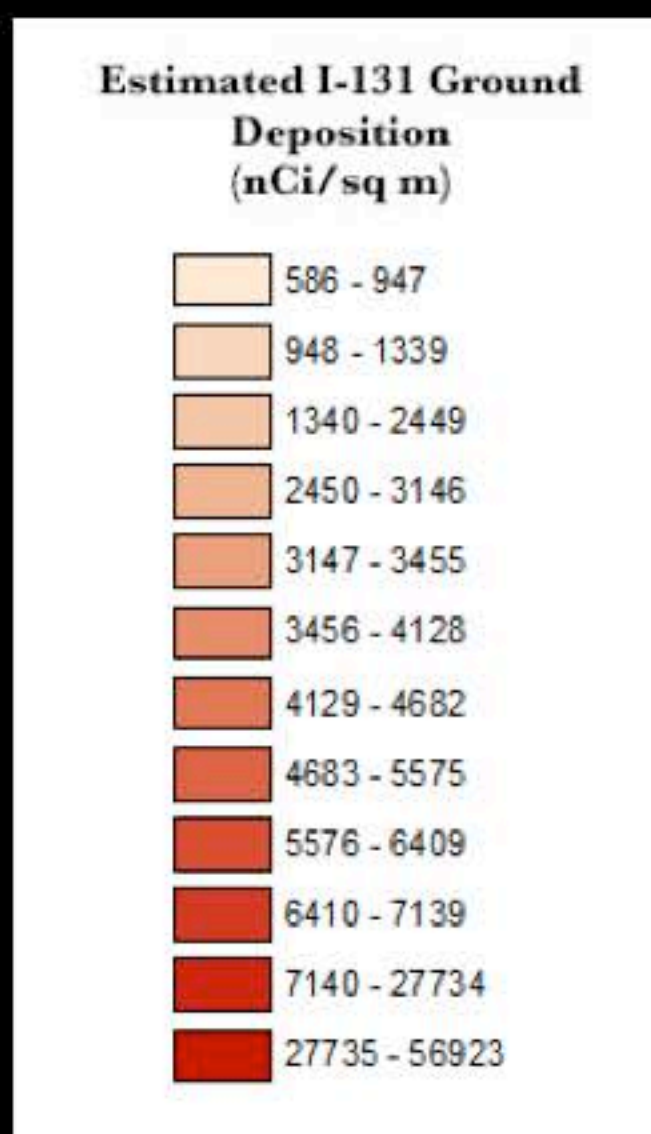


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

Summarized I-131 Ground Deposition Levels Related to All Operation Upshot-Knothole Atmospheric Tests March 17, 1953 – June 4, 1953



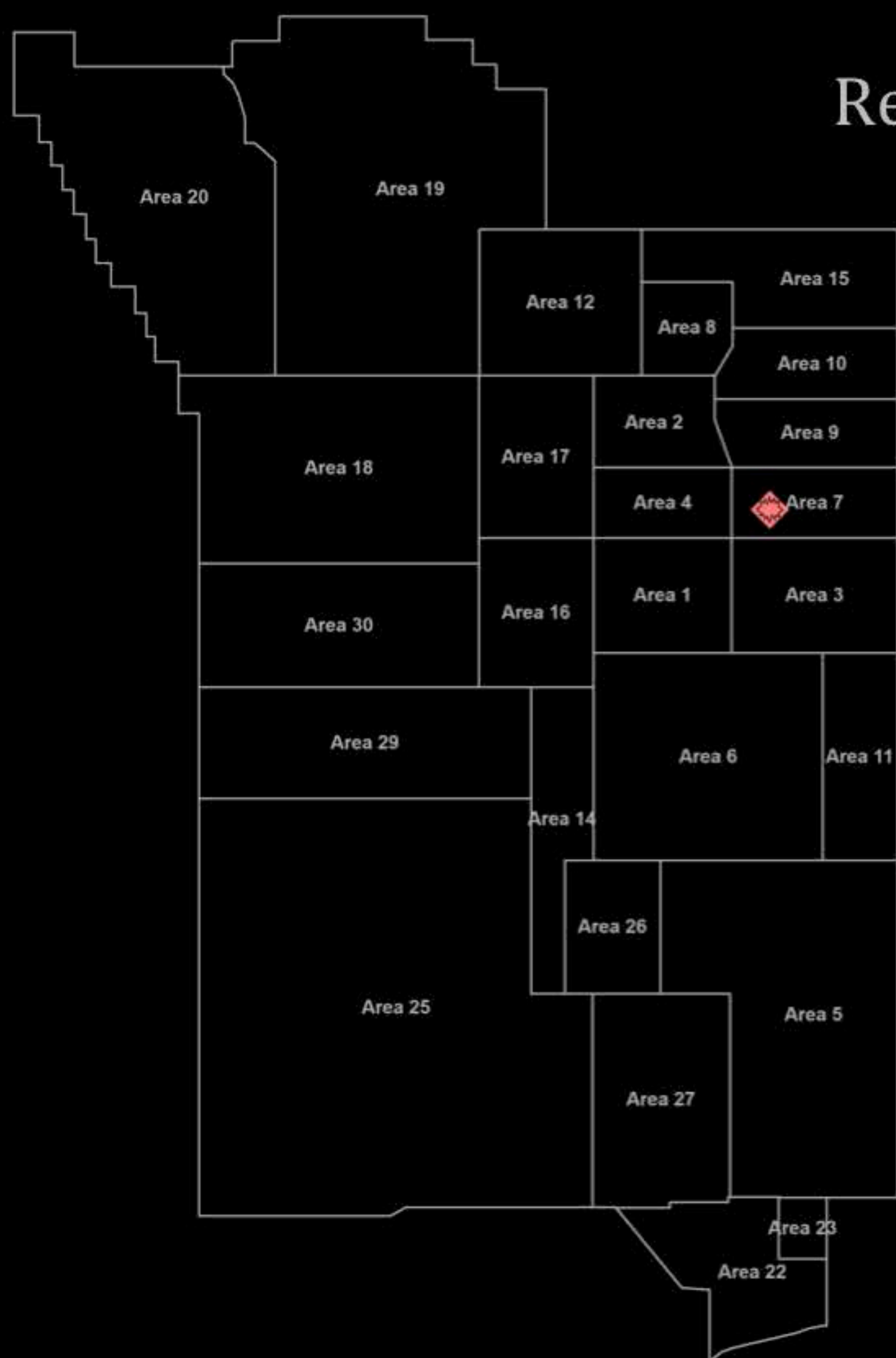
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. During the Operation Upshot-Knothole series, 11 tests were conducted – all 11 of these tests were included in the National Cancer Institute study.



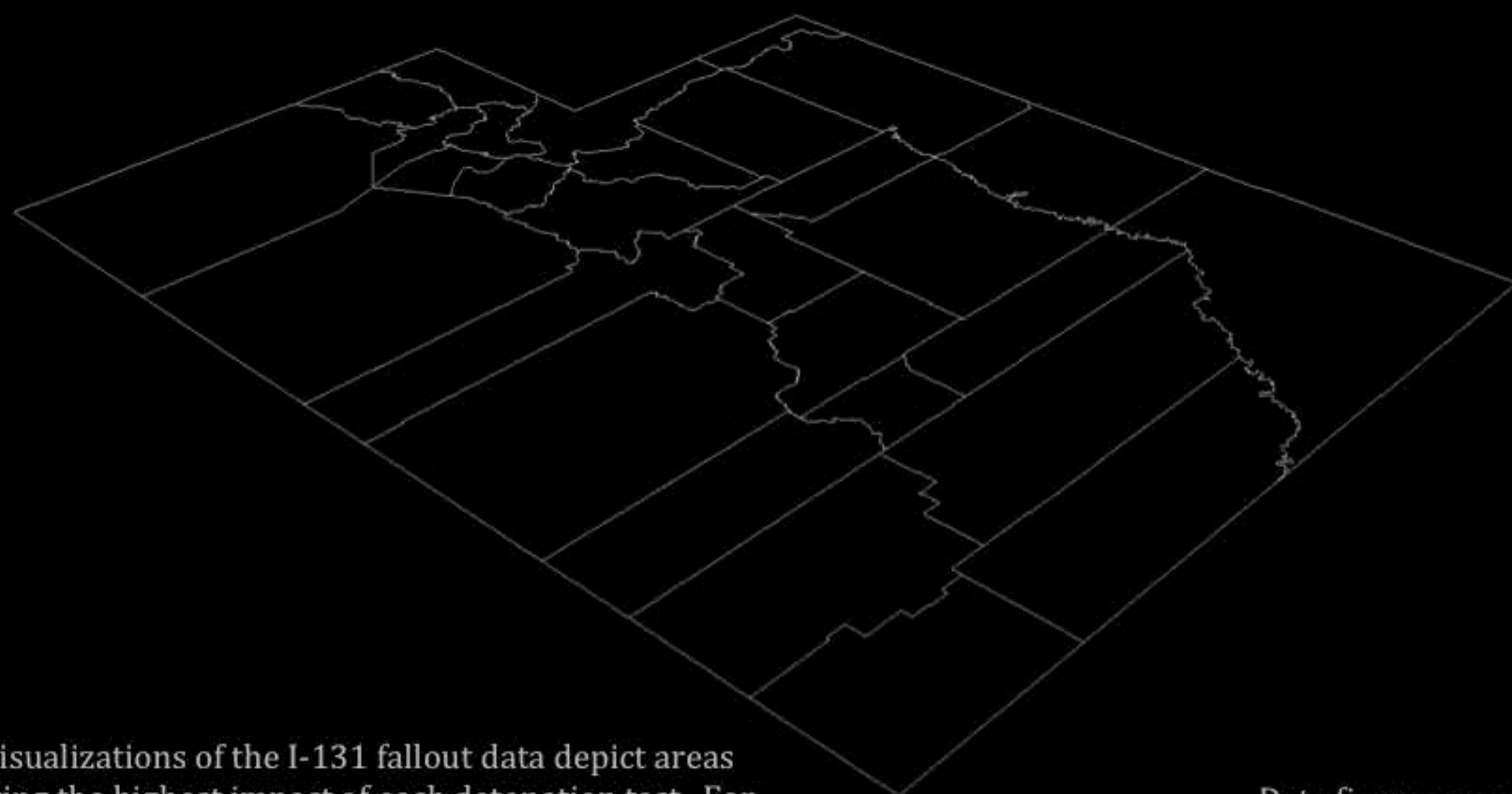
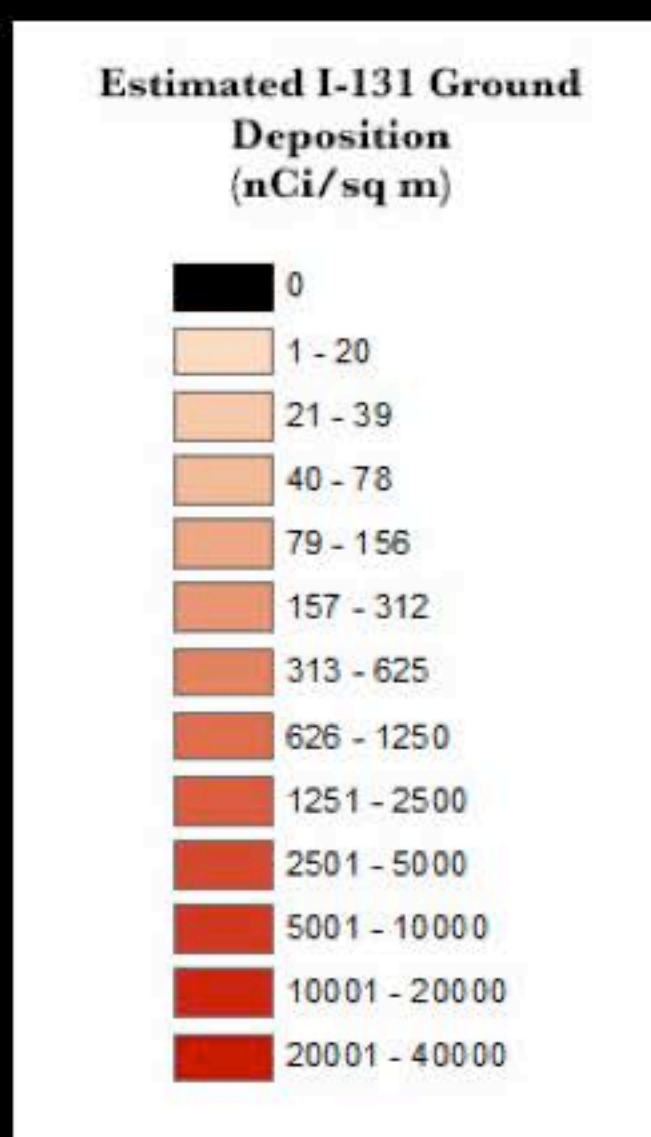
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of the operation series. For all tests conducted during the Operation Upshot-Knothole series, the data shows the highest summarized level of fallout located in Washington county (NCI Zone 2) @ 56,923 nCi/sq m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the summarized geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to all events of the Operation Upshot-Knothole series.

I-131 Ground Deposition Levels Reported for the Operation Teapot Wasp Event February 18, 1955



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Wasp occurred within Area 7 of the testing boundaries.

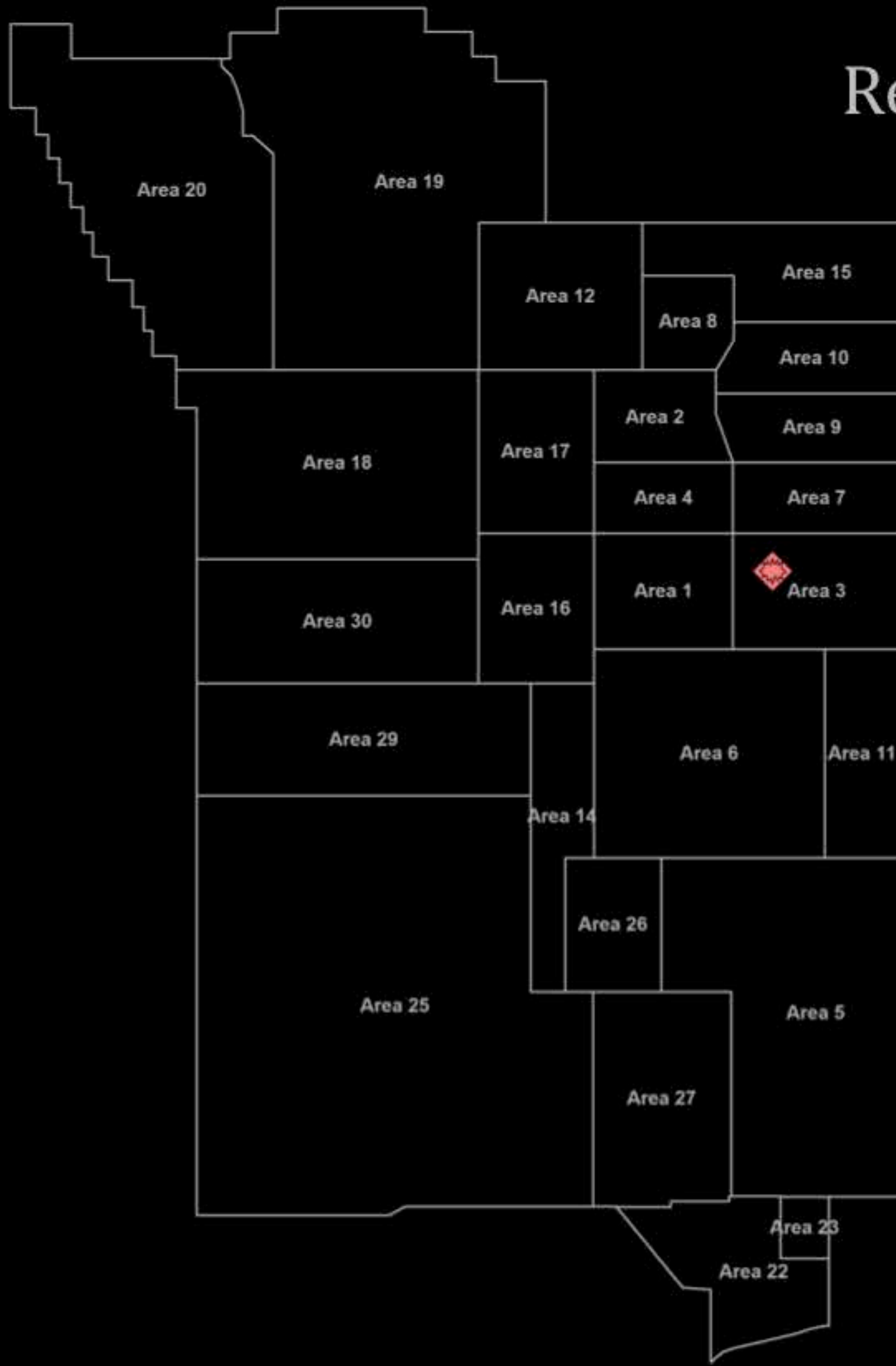


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

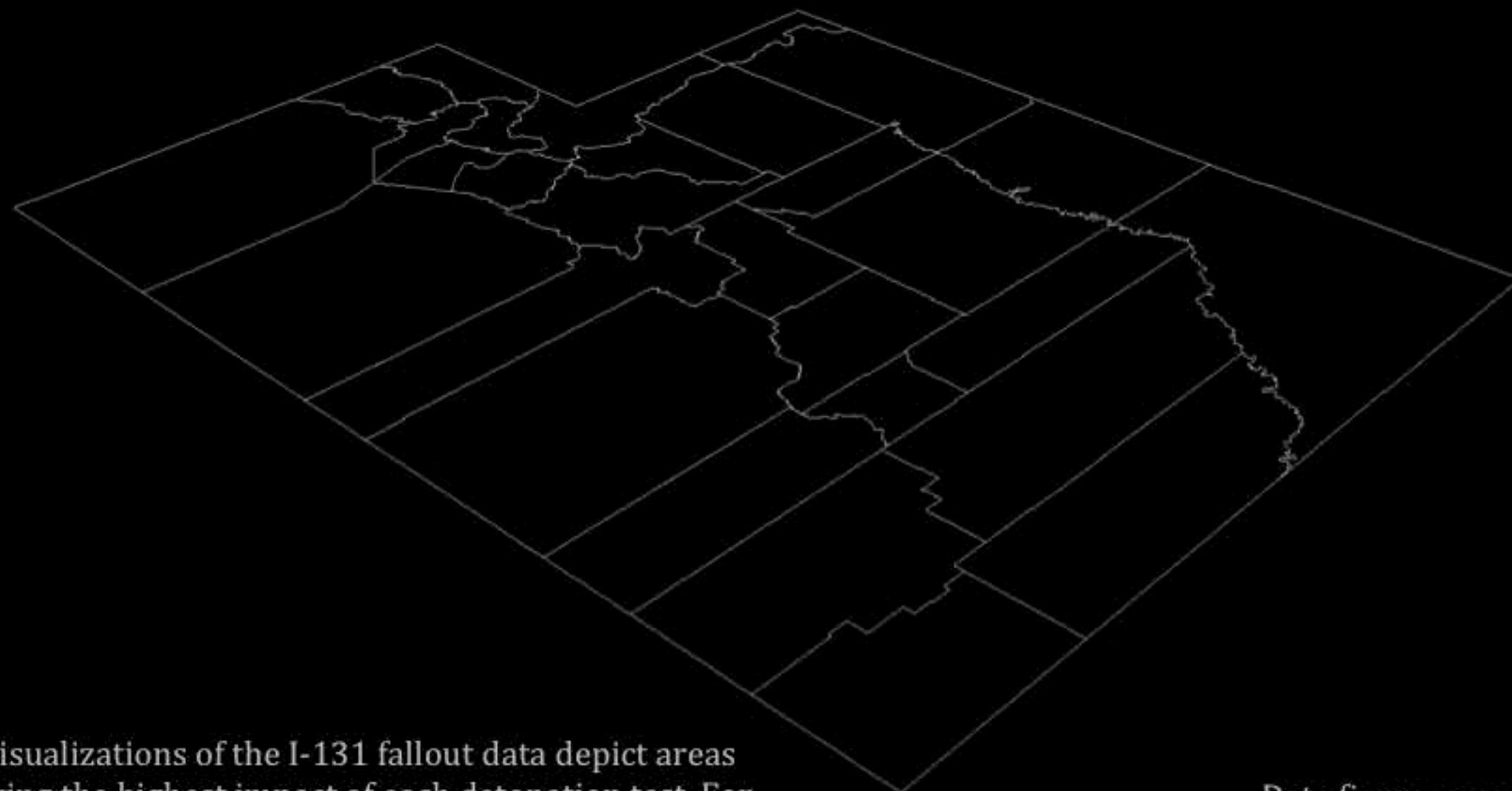
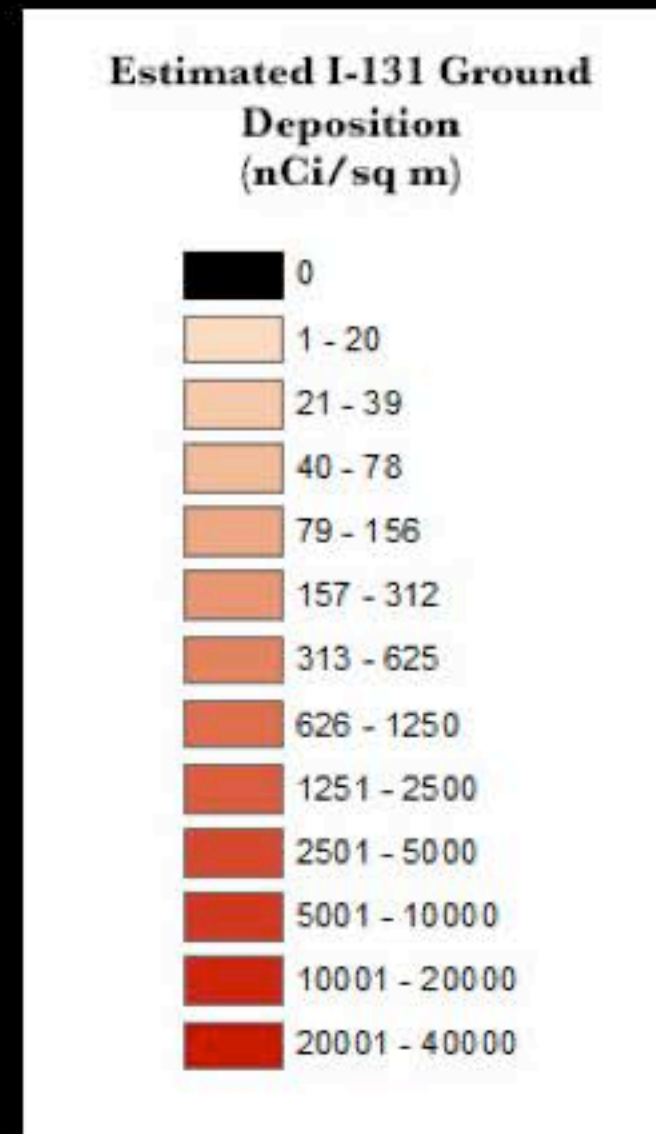


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Teapot Moth Event February 22, 1955



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Moth occurred within Area 3 of the testing boundaries.

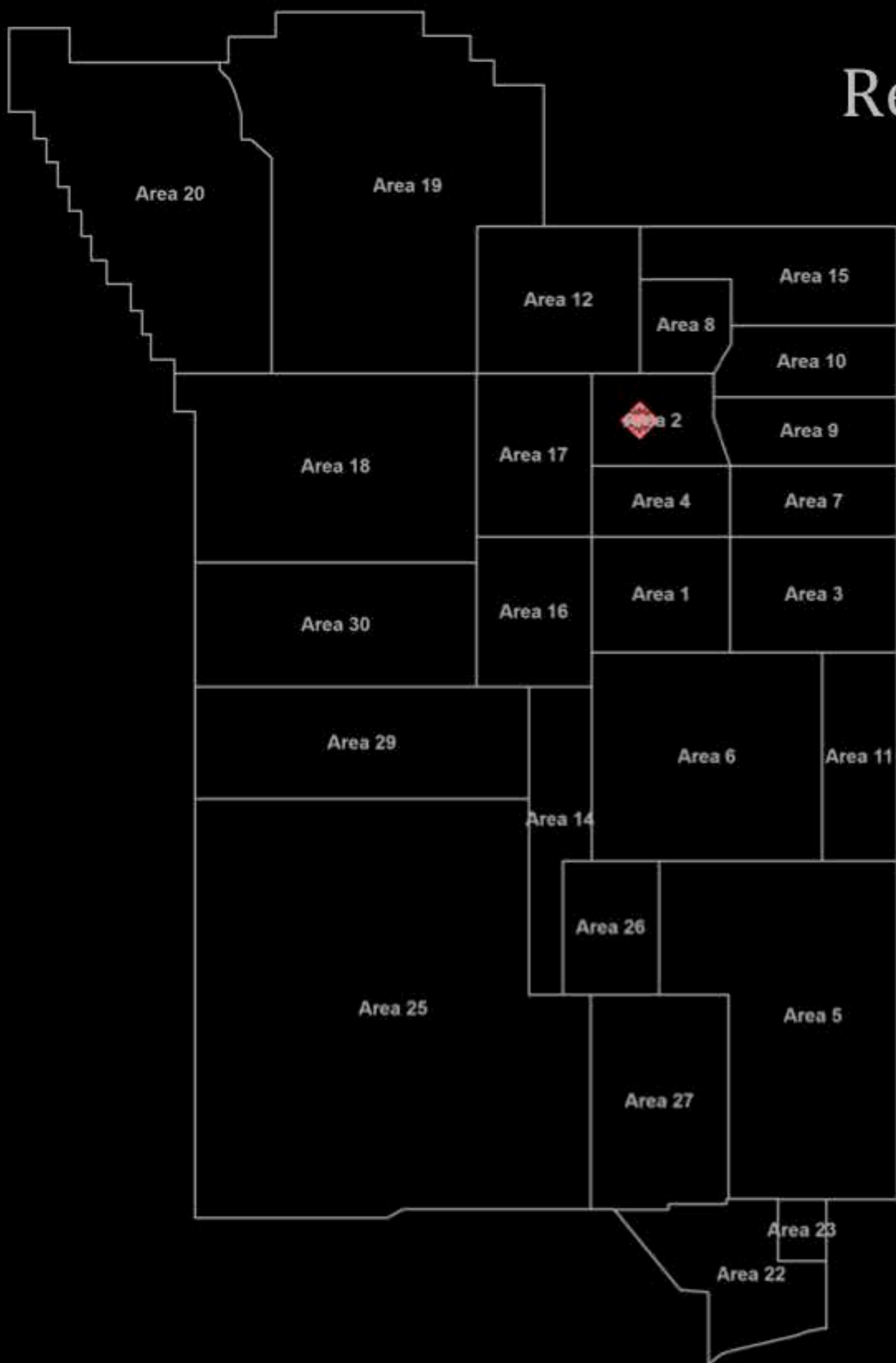


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

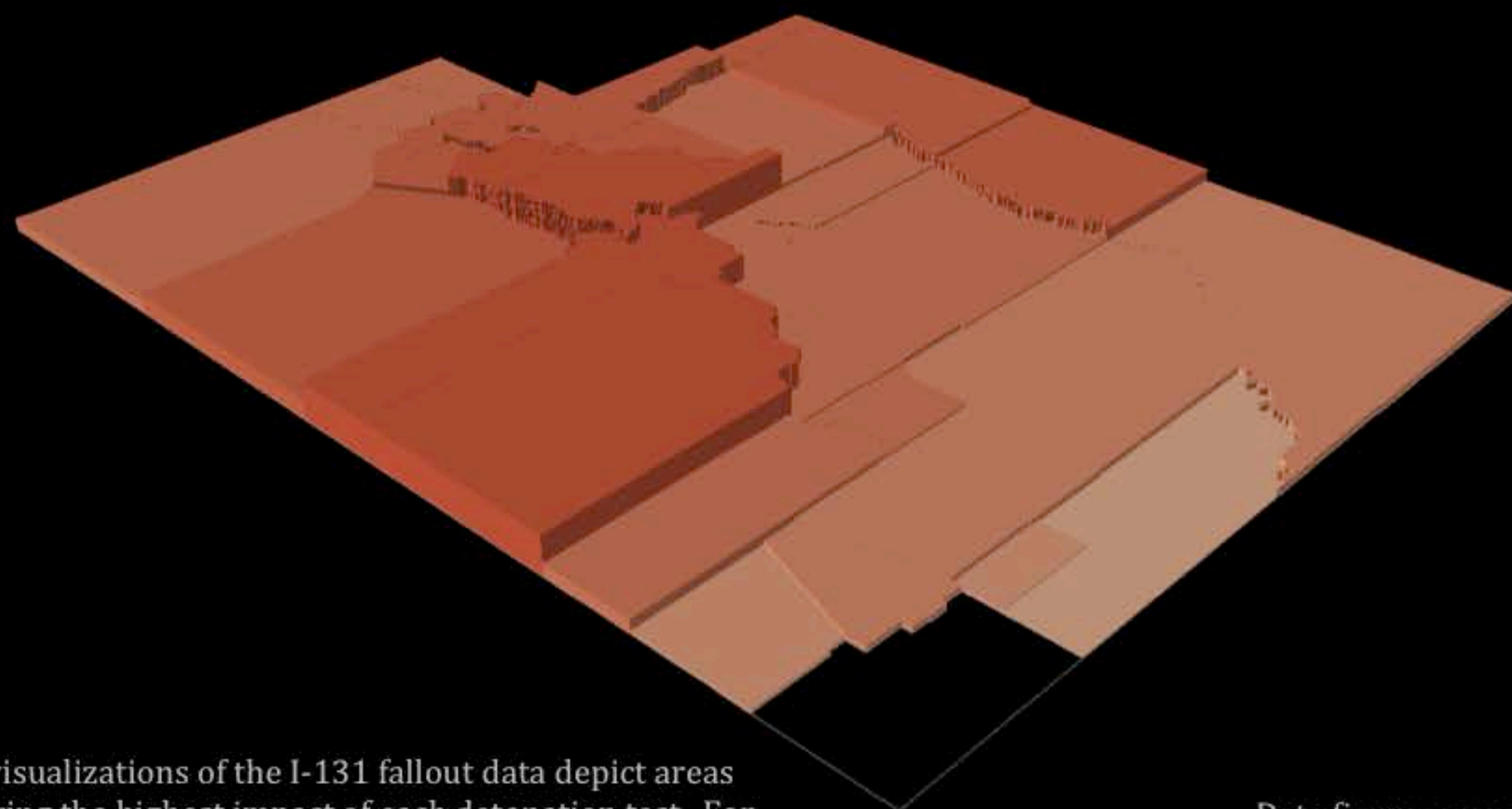
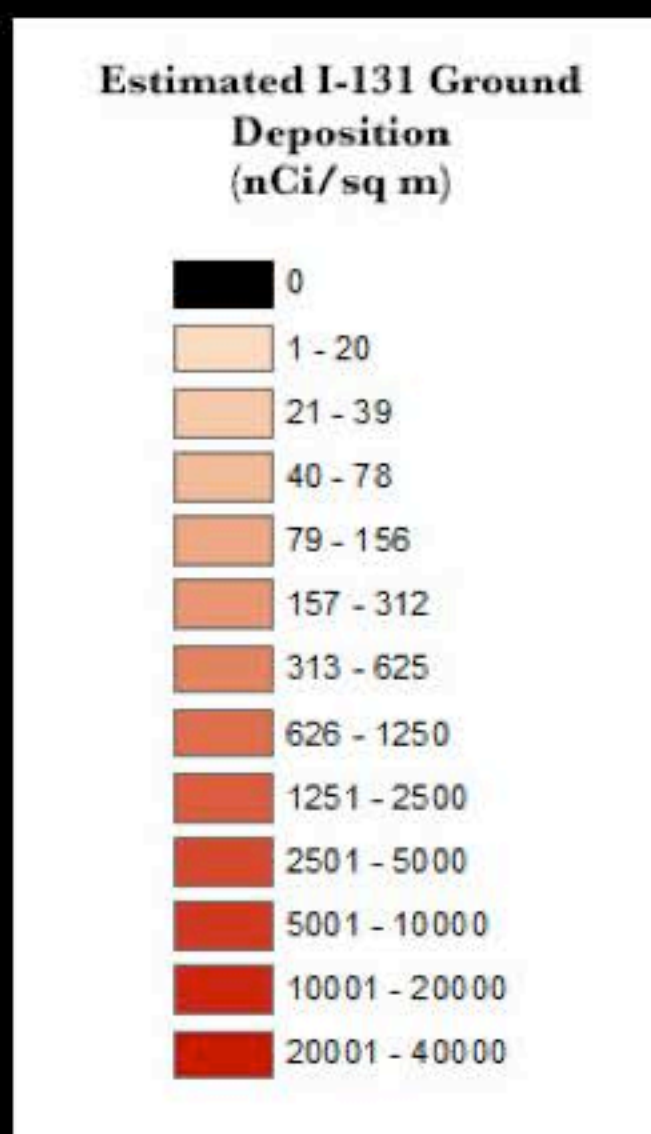


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

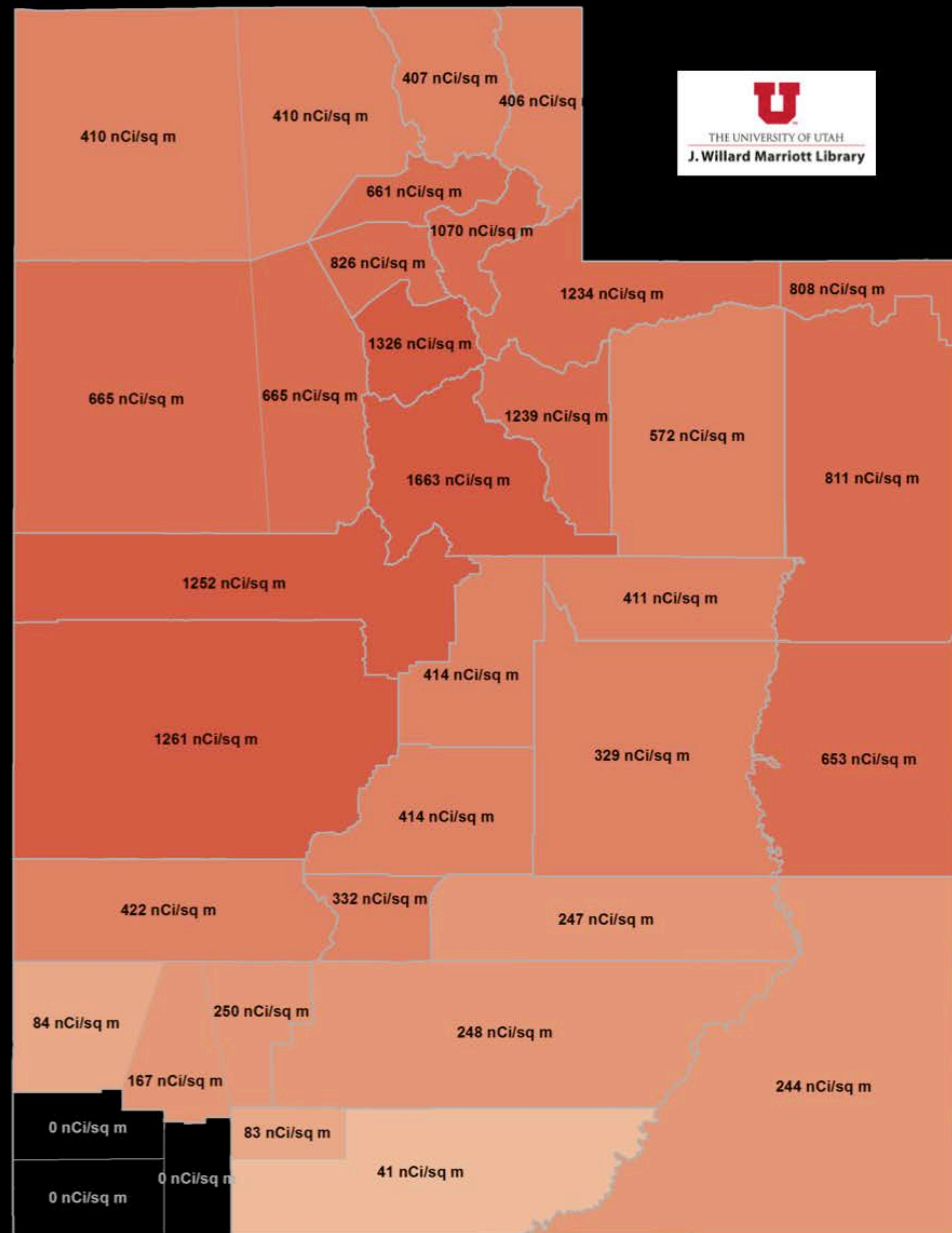
I-131 Ground Deposition Levels Reported for the Operation Teapot Turk Event March 7, 1955



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Turk occurred within Area 2 of the testing boundaries.

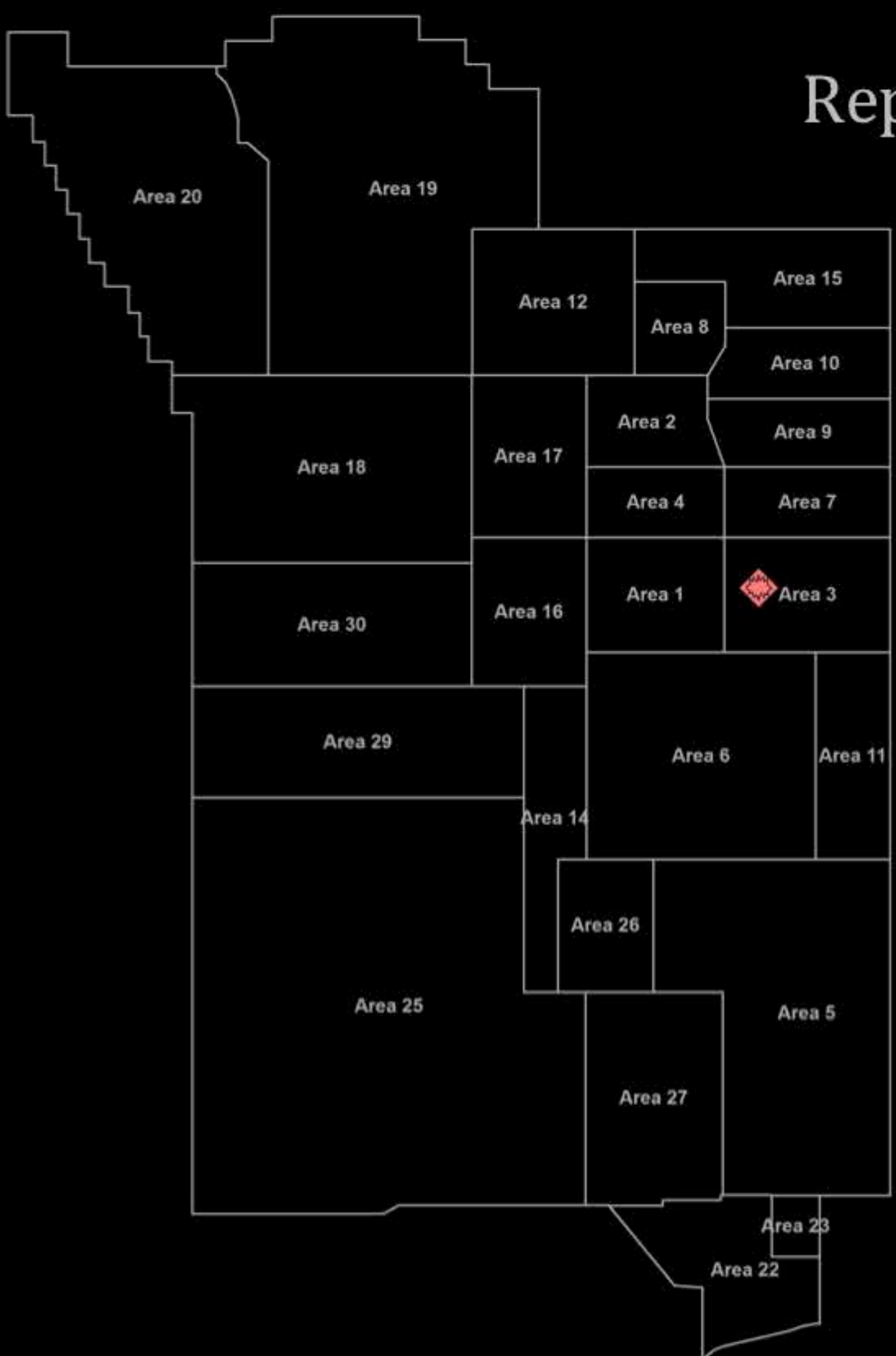


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Utah county @ 1,663 nCi/sq. m.

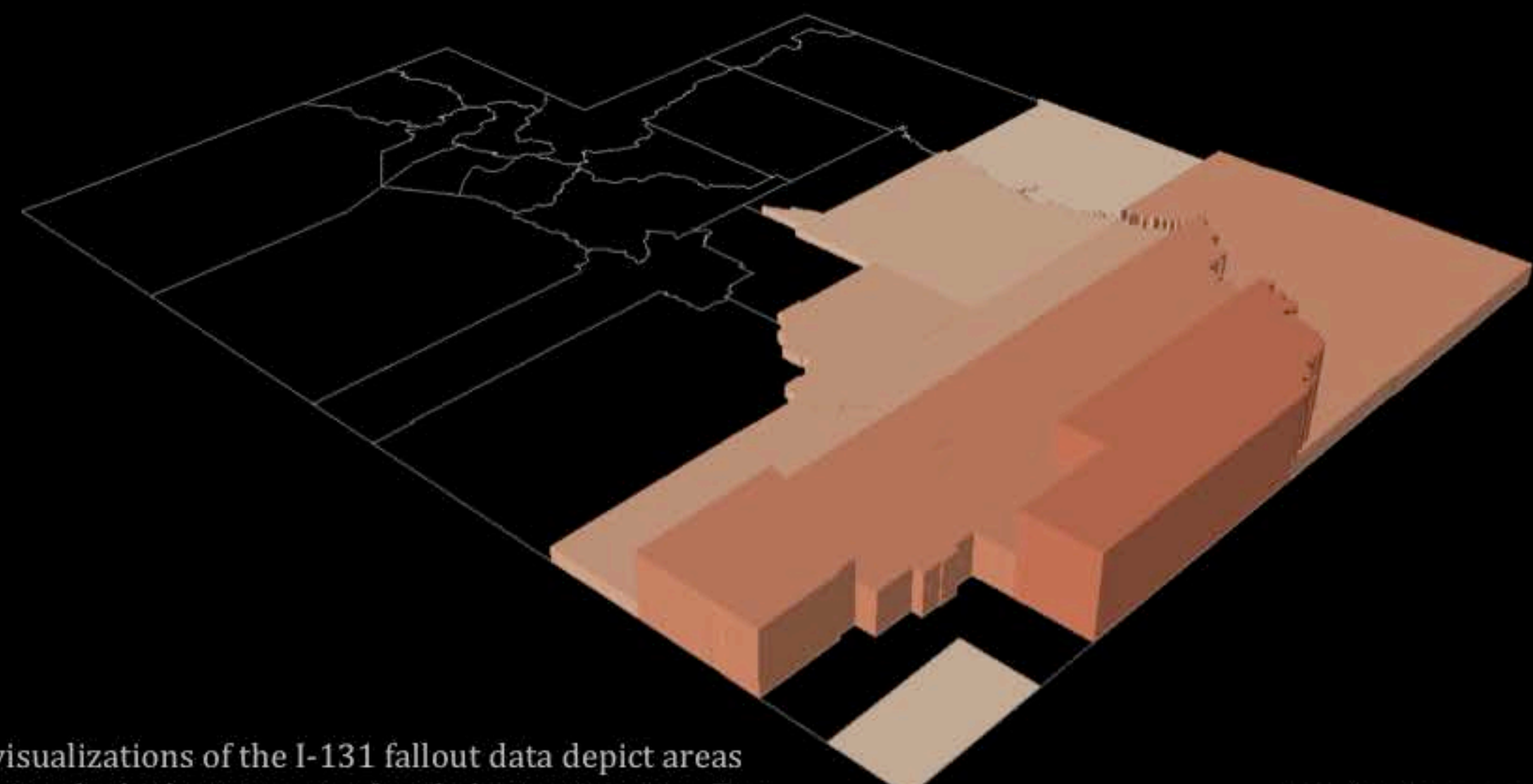
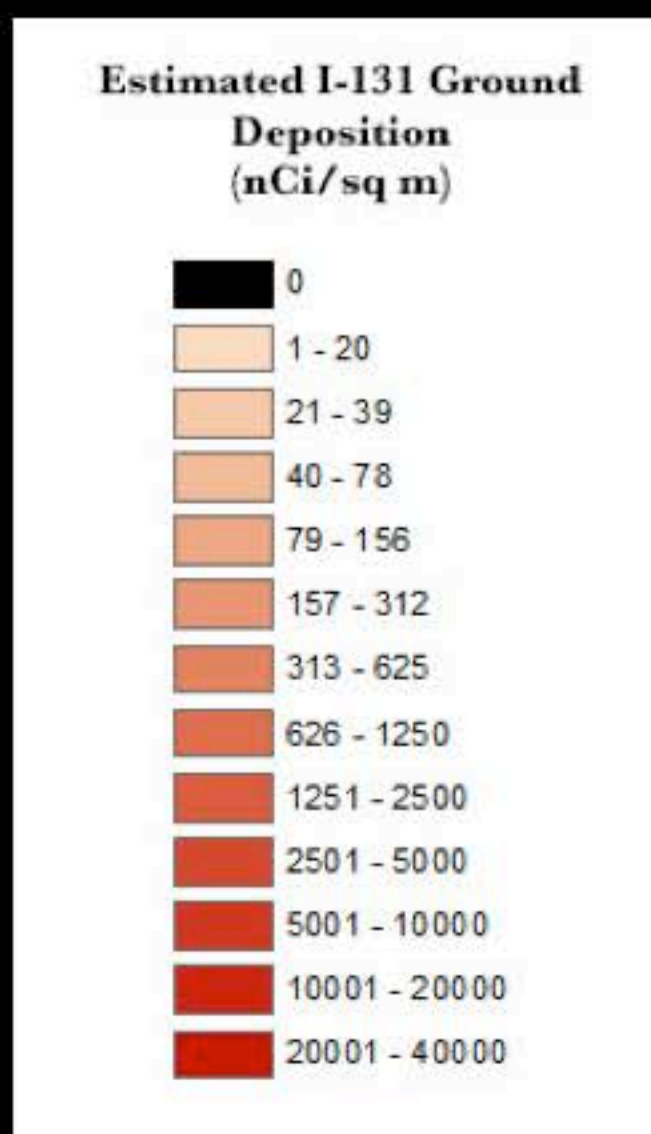


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

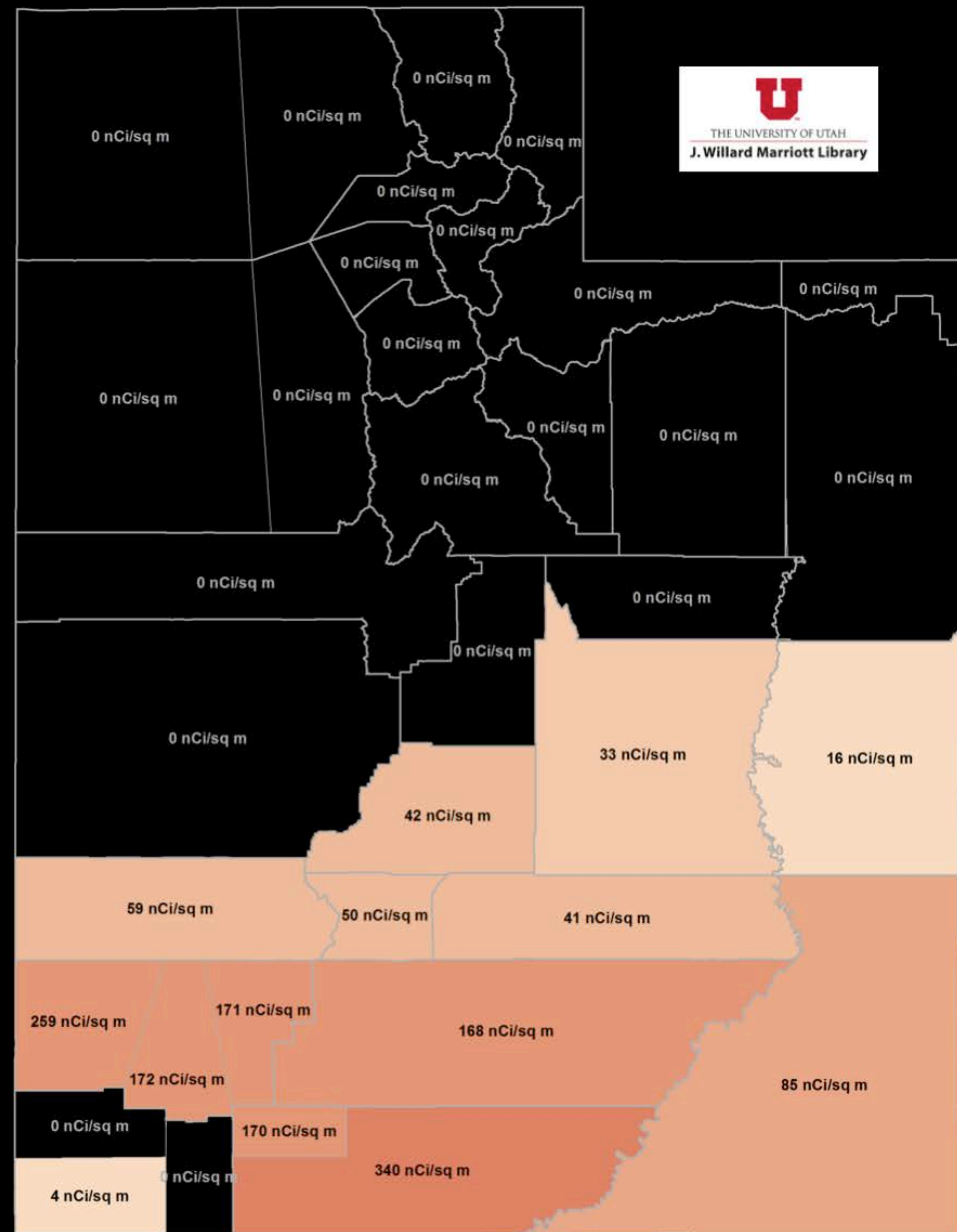
I-131 Ground Deposition Levels Reported for the Operation Teapot Hornet Event March 12, 1955



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Hornet occurred within Area 3 of the testing boundaries.

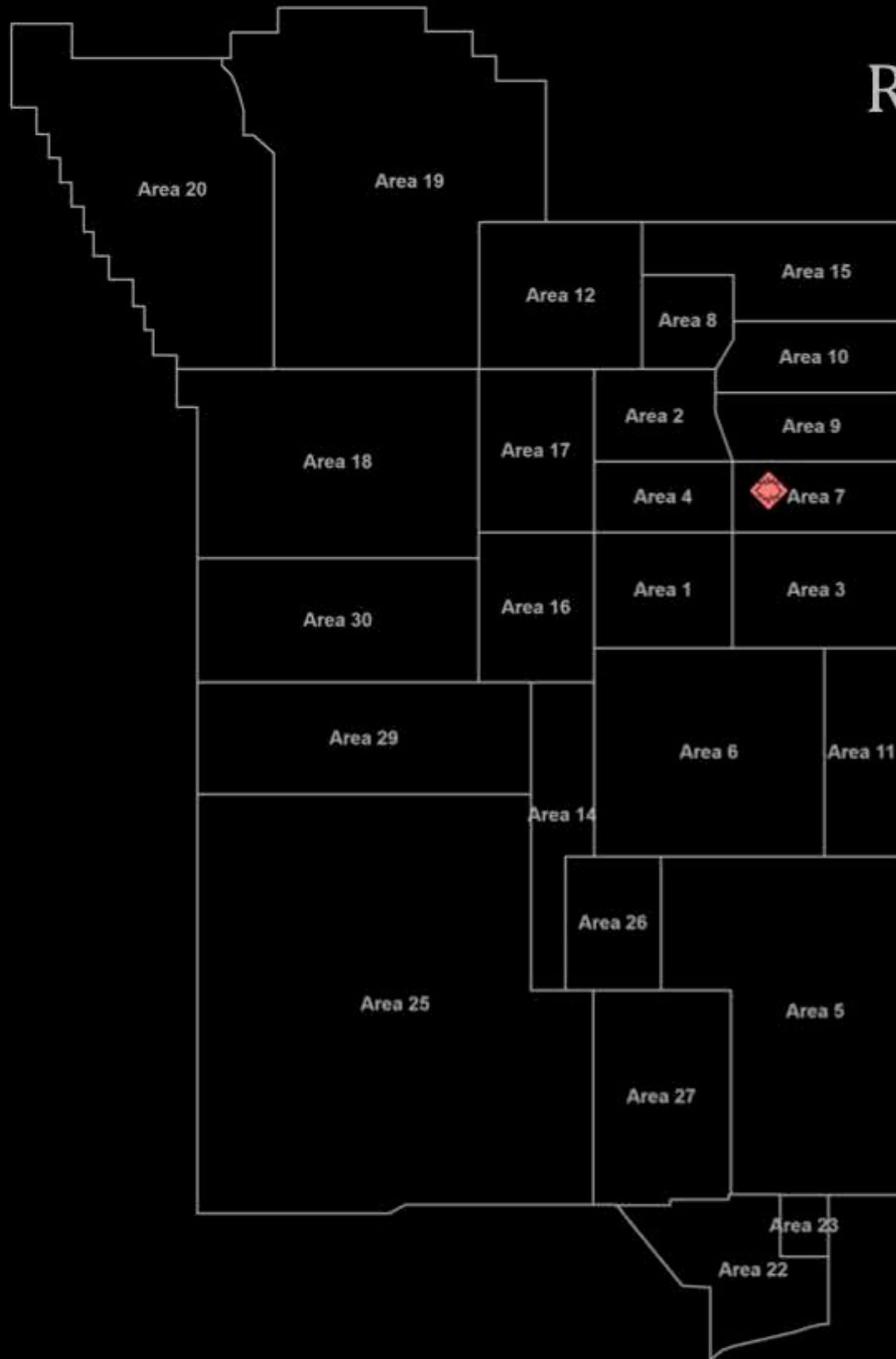


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Kane county (NCI Zone 1) @ 340 nCi/sq. m.

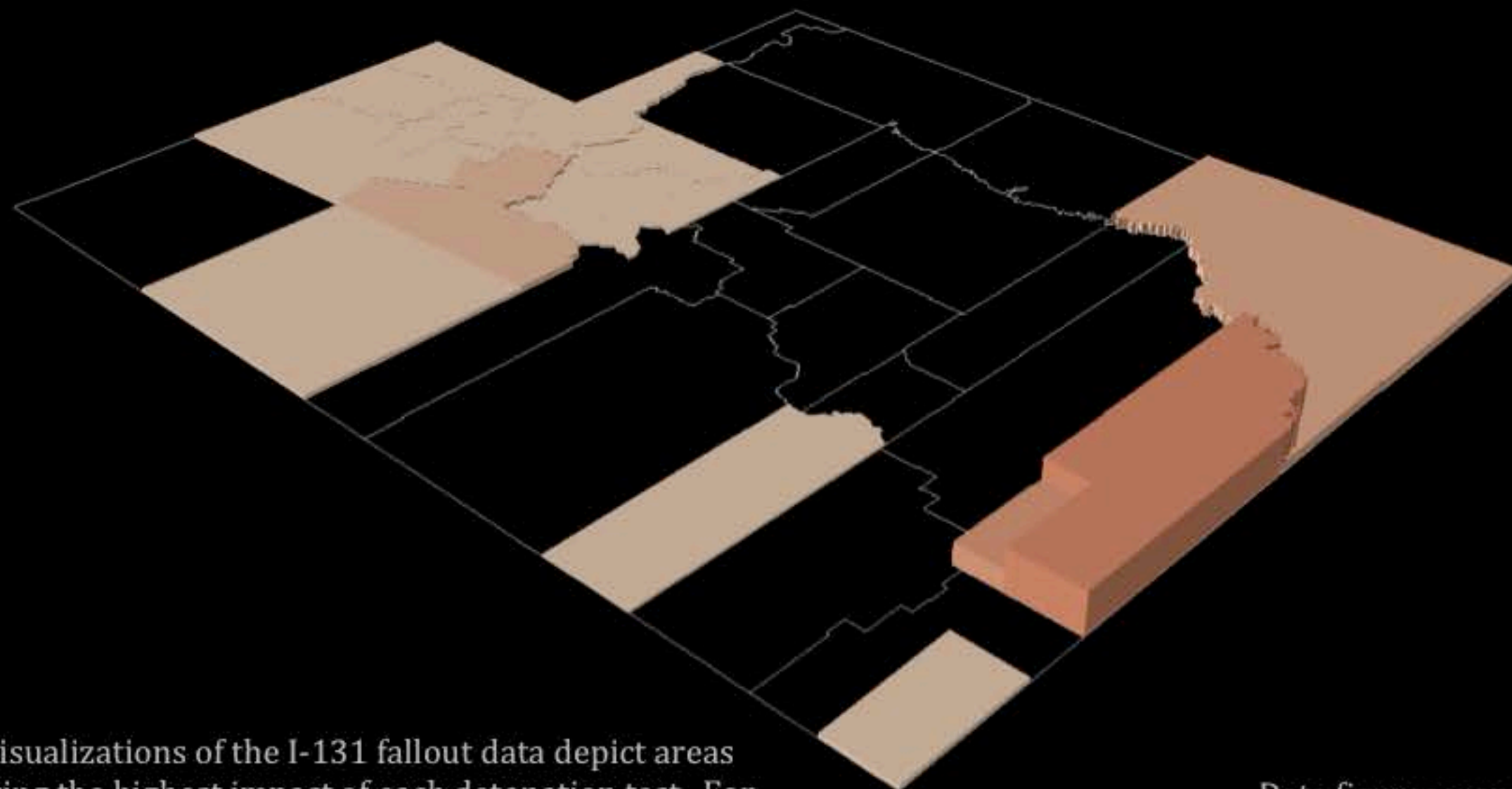
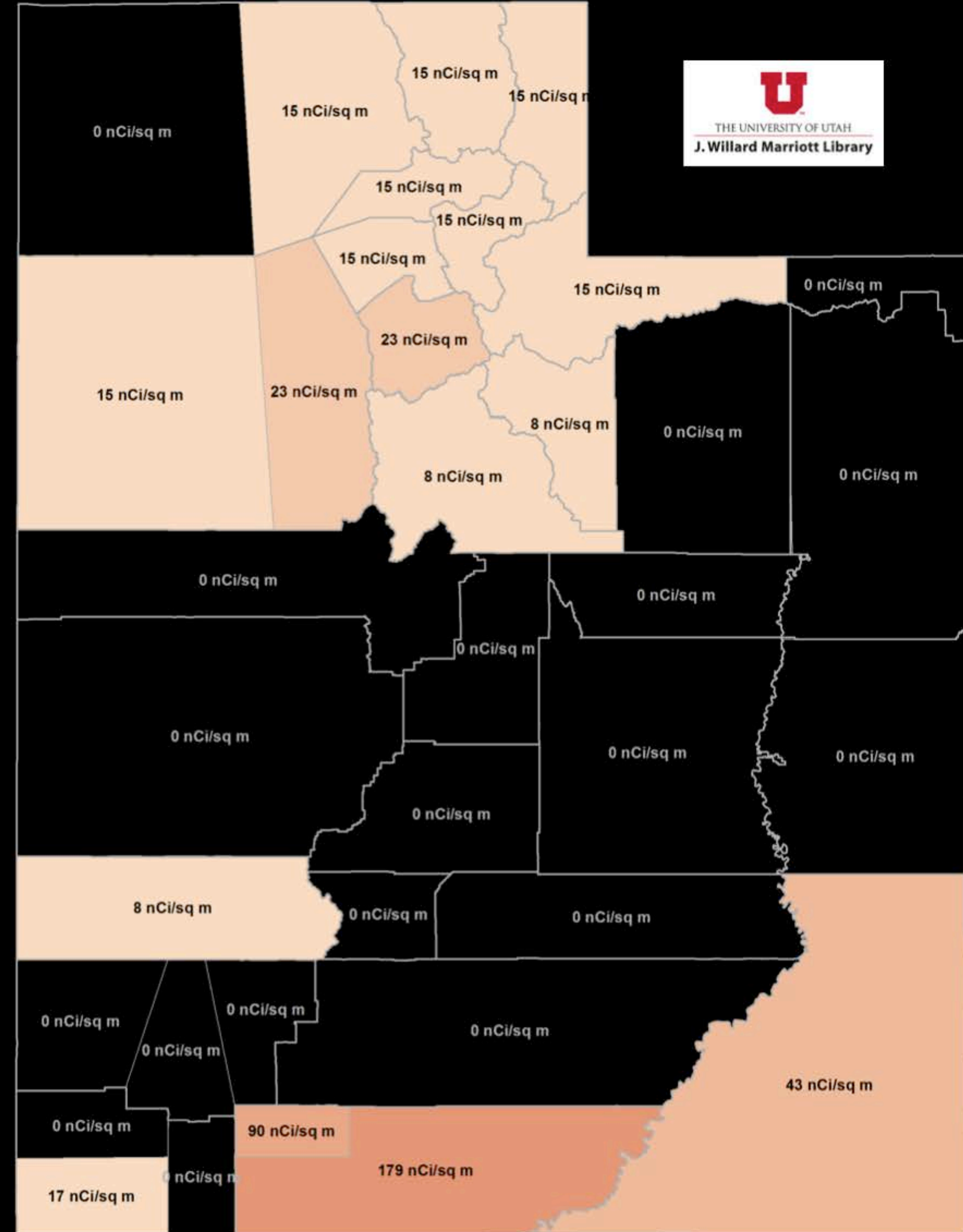
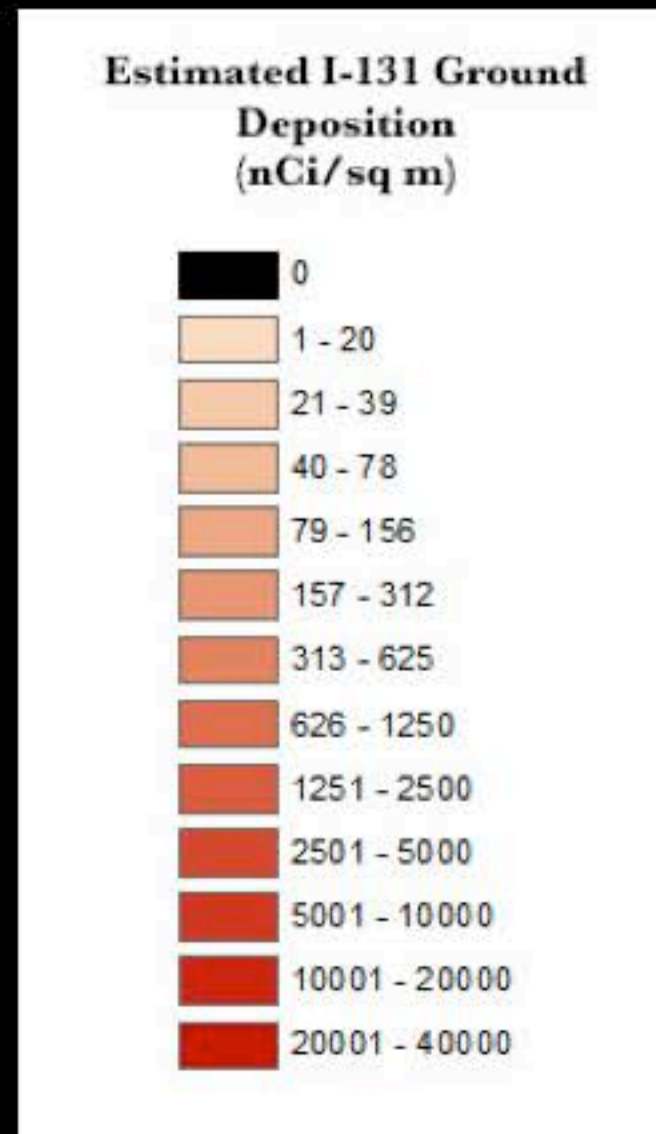


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Teapot Bee Event March 22, 1955



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Bee occurred within Area 7 of the testing boundaries.

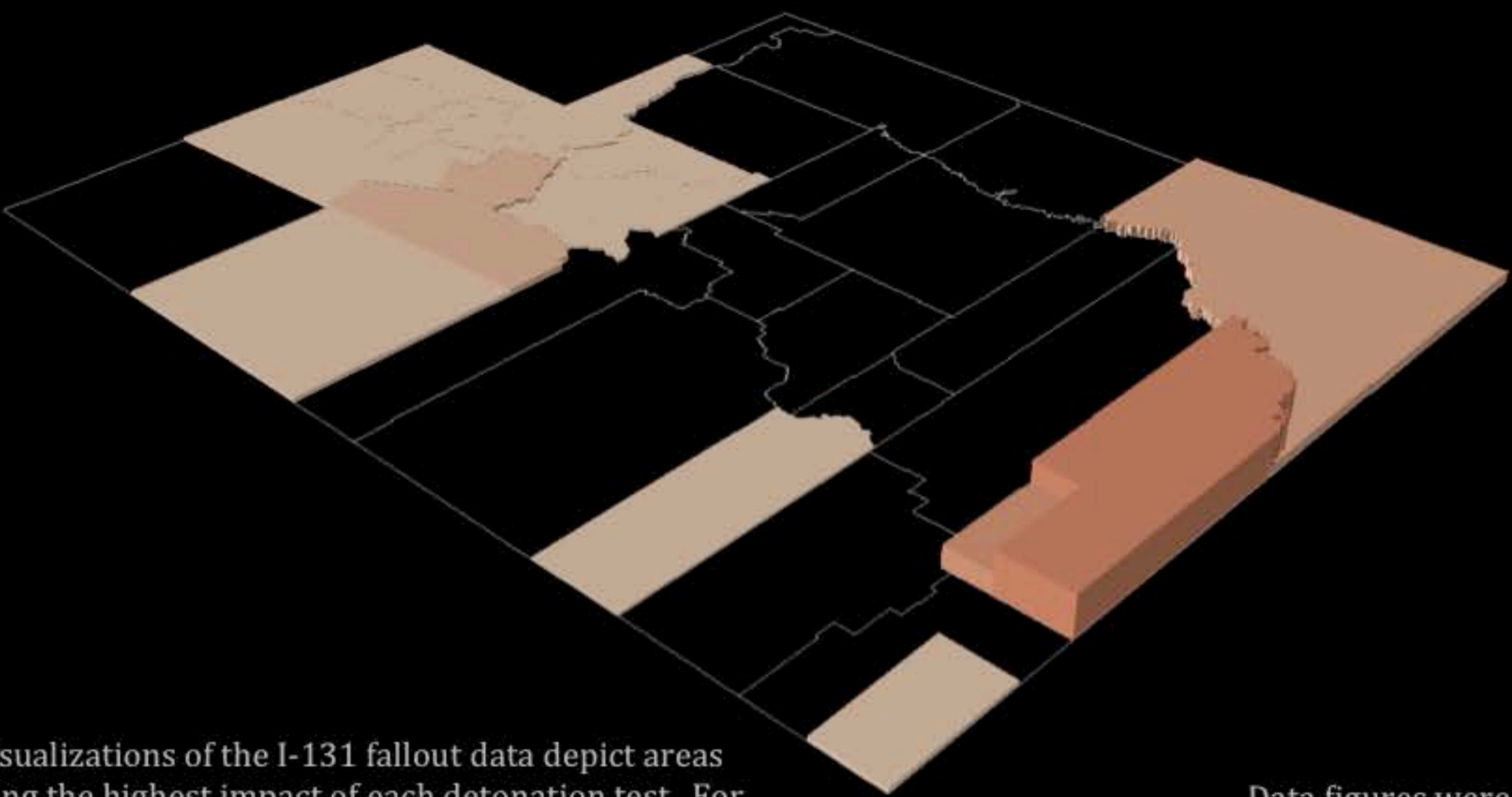
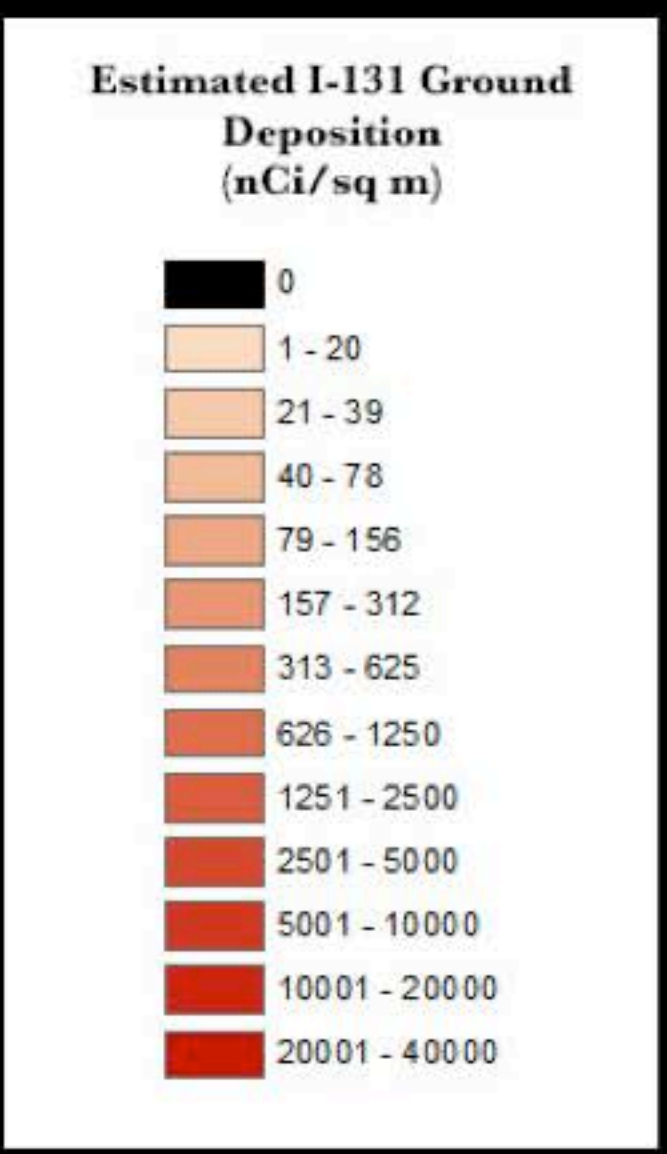


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Teapot Ess Event March 23, 1955



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Ess occurred within Area 10 of the testing boundaries.

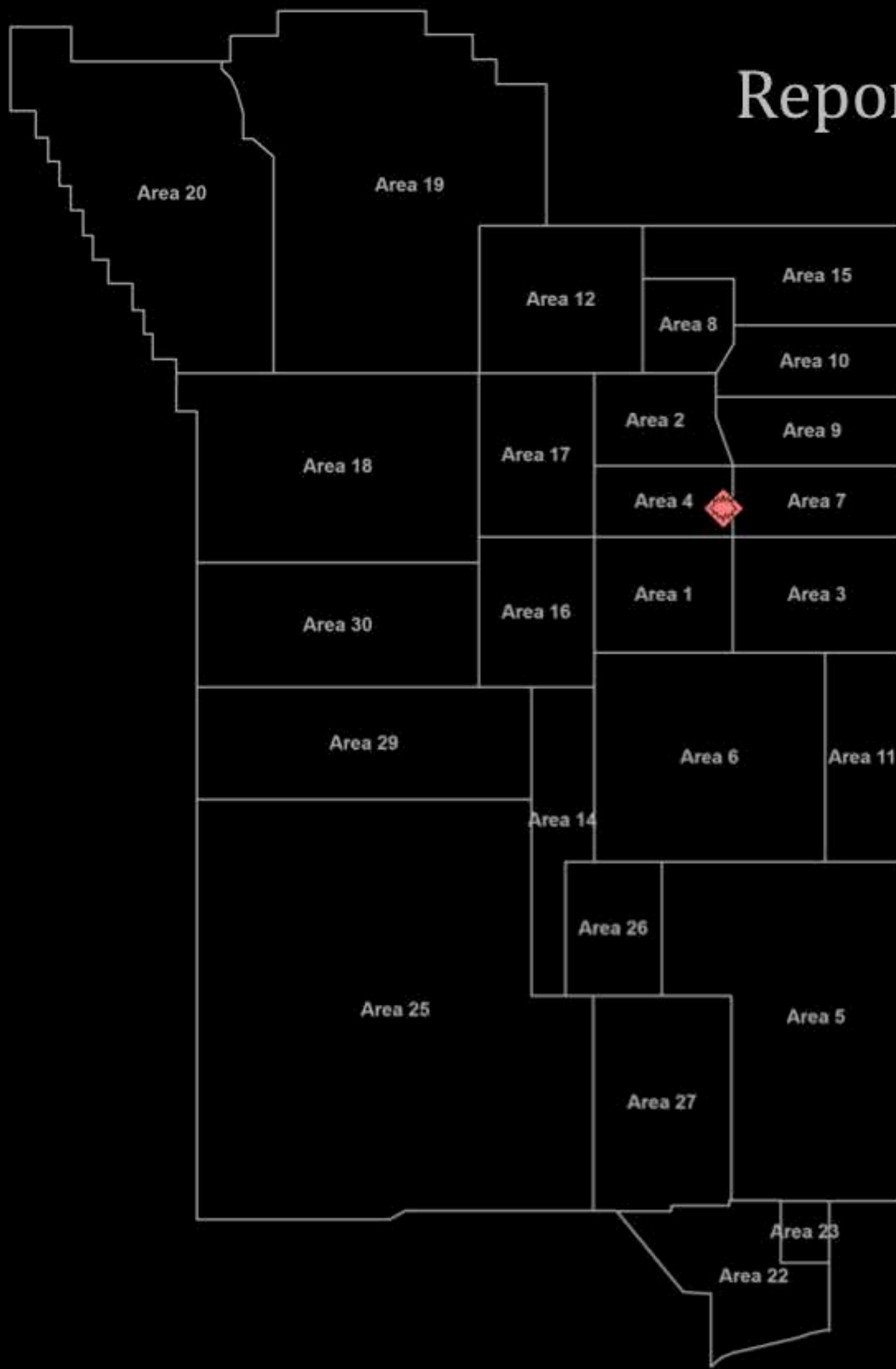


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Kane county (NCI Zone 1) @ 179 nCi/sq. m.



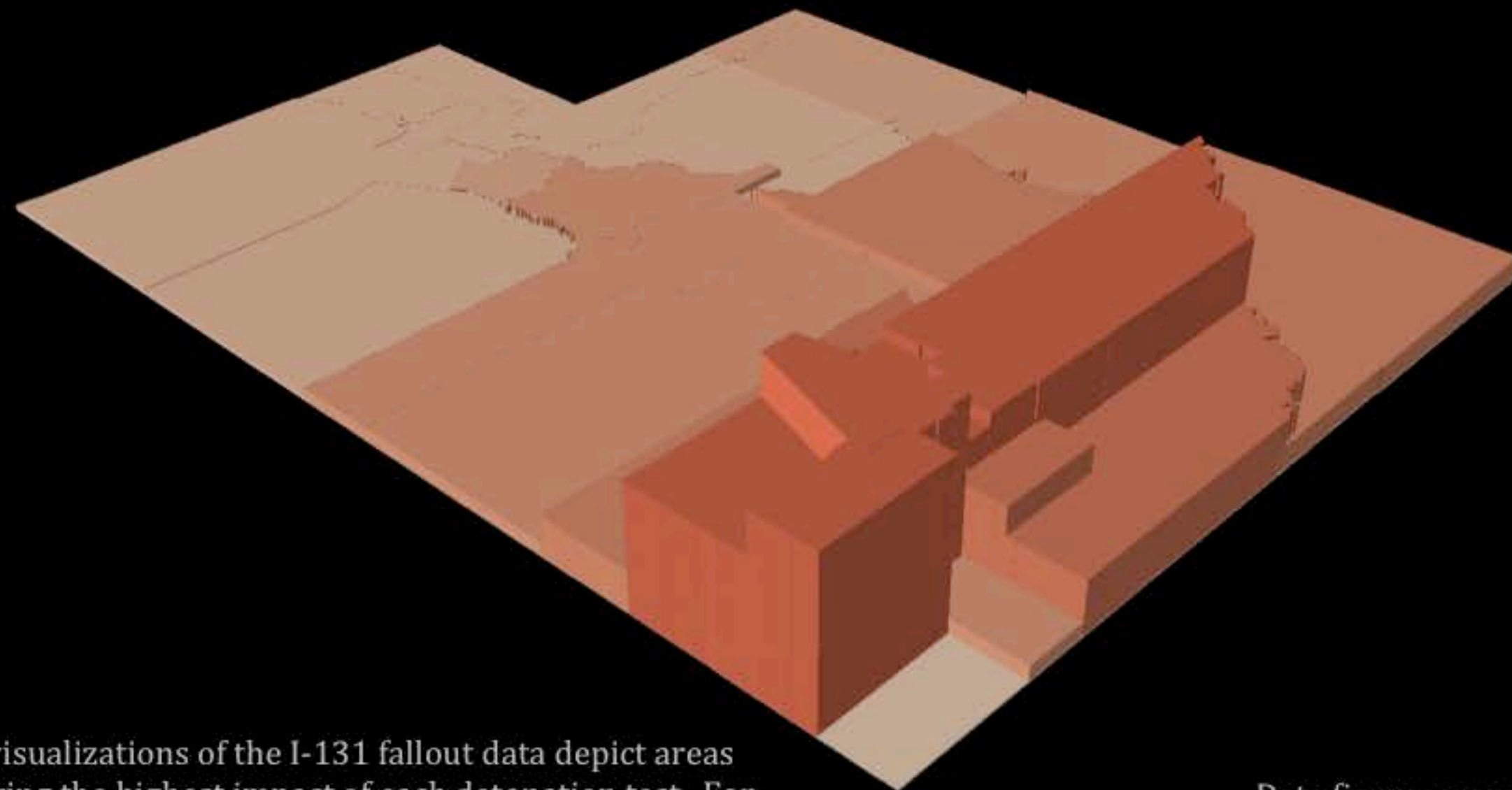
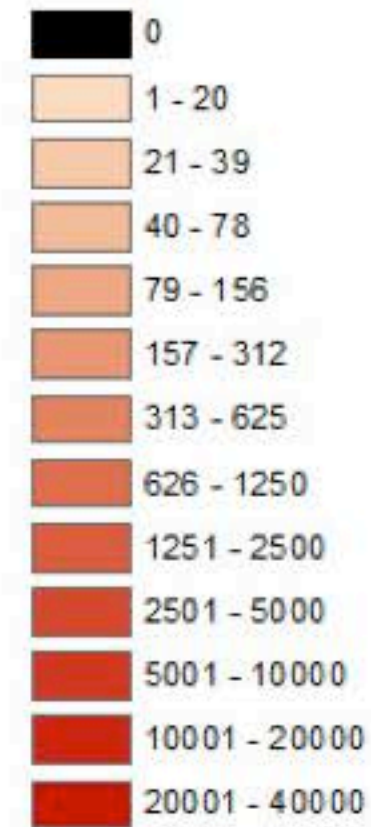
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Teapot Wasp Prime Event March 29, 1955

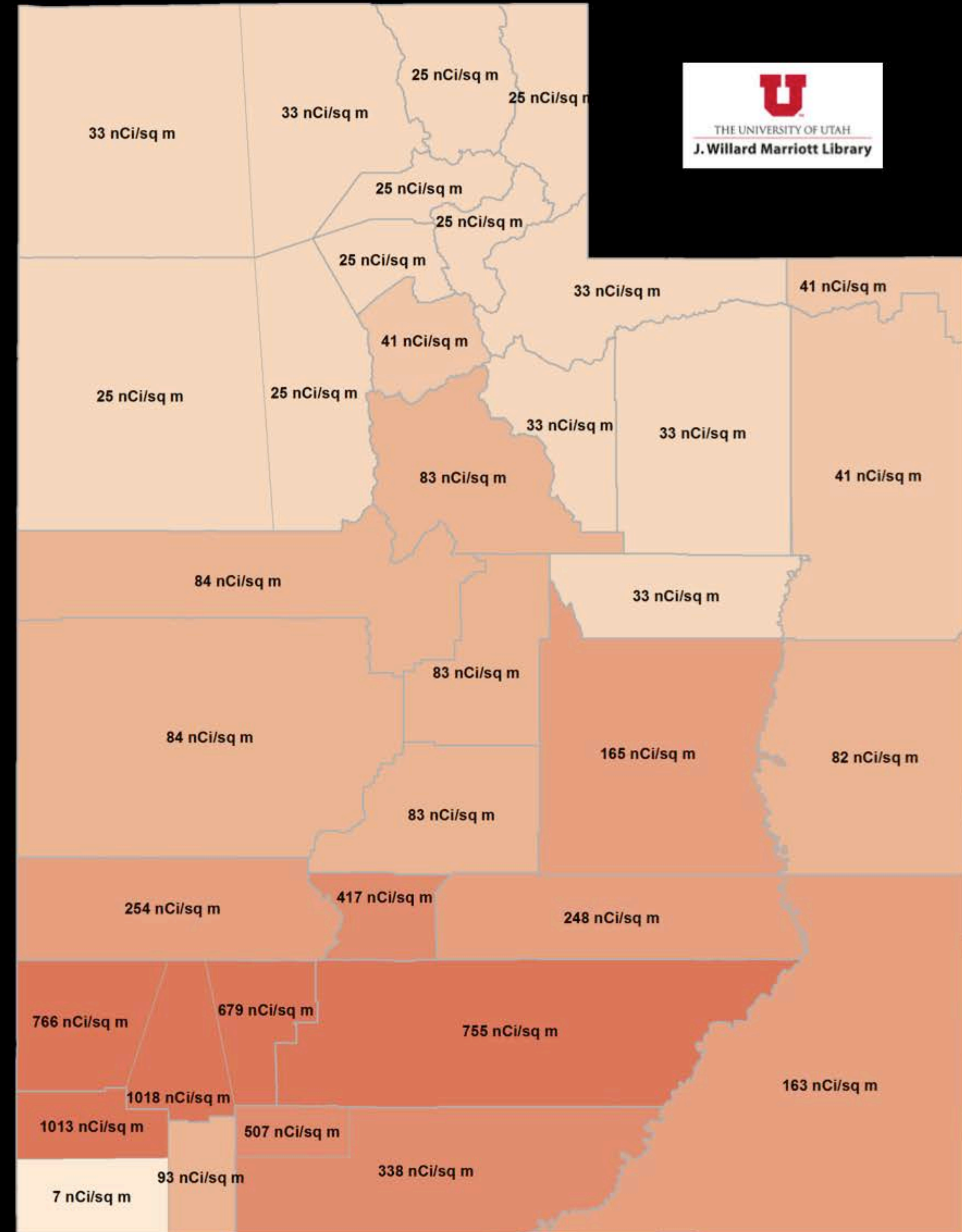


The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Wasp Prime occurred within Area 4 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)

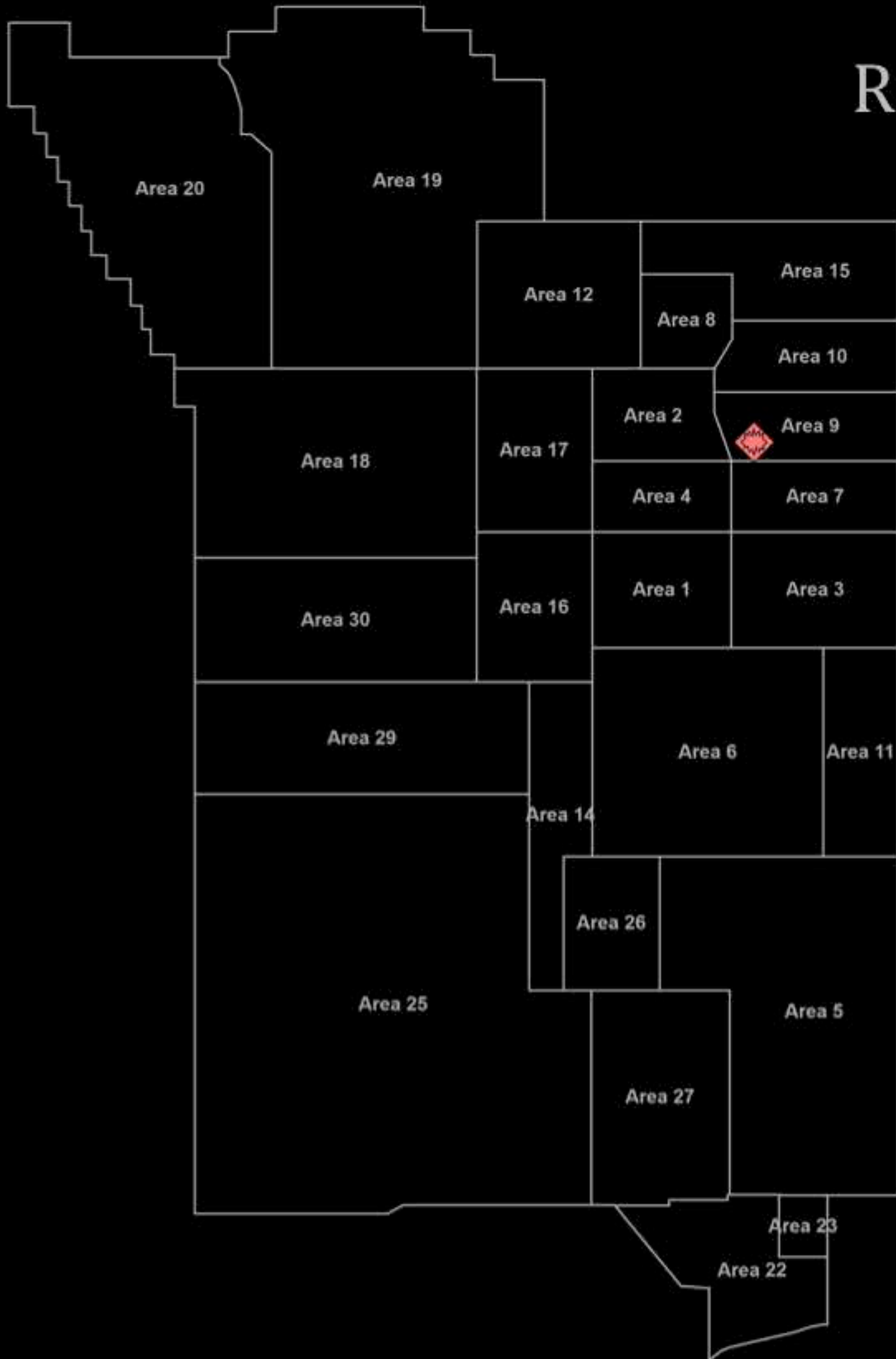


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Iron county (NCI Zone 3) @ 1,018 nCi/sq. m.



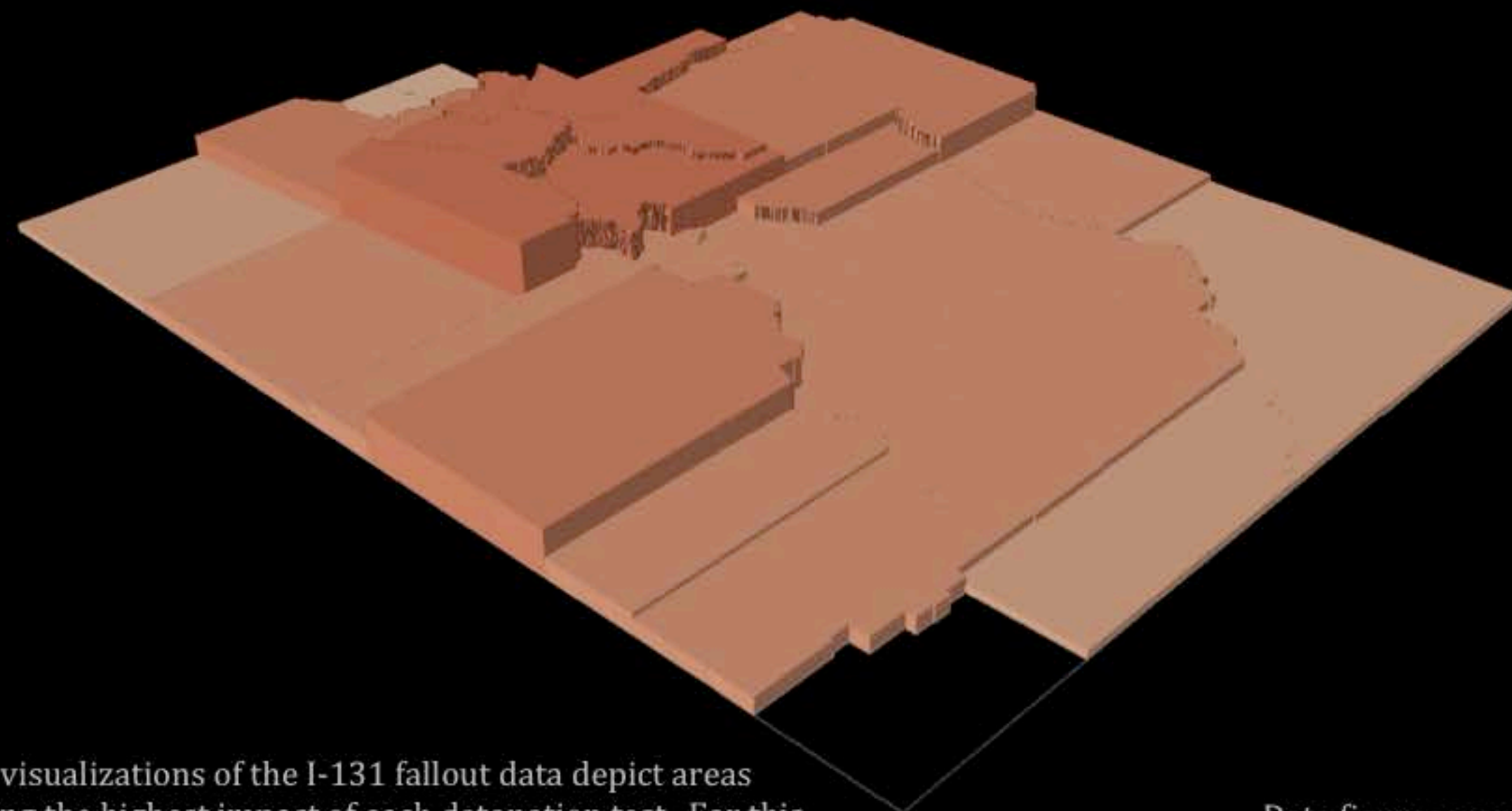
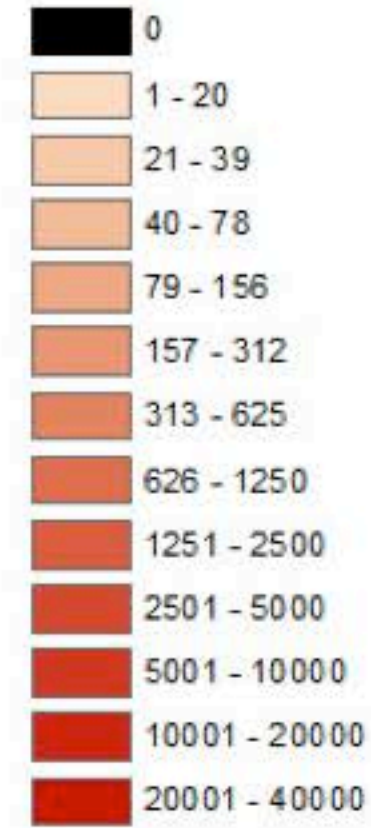
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Teapot Post Event April 9, 1955

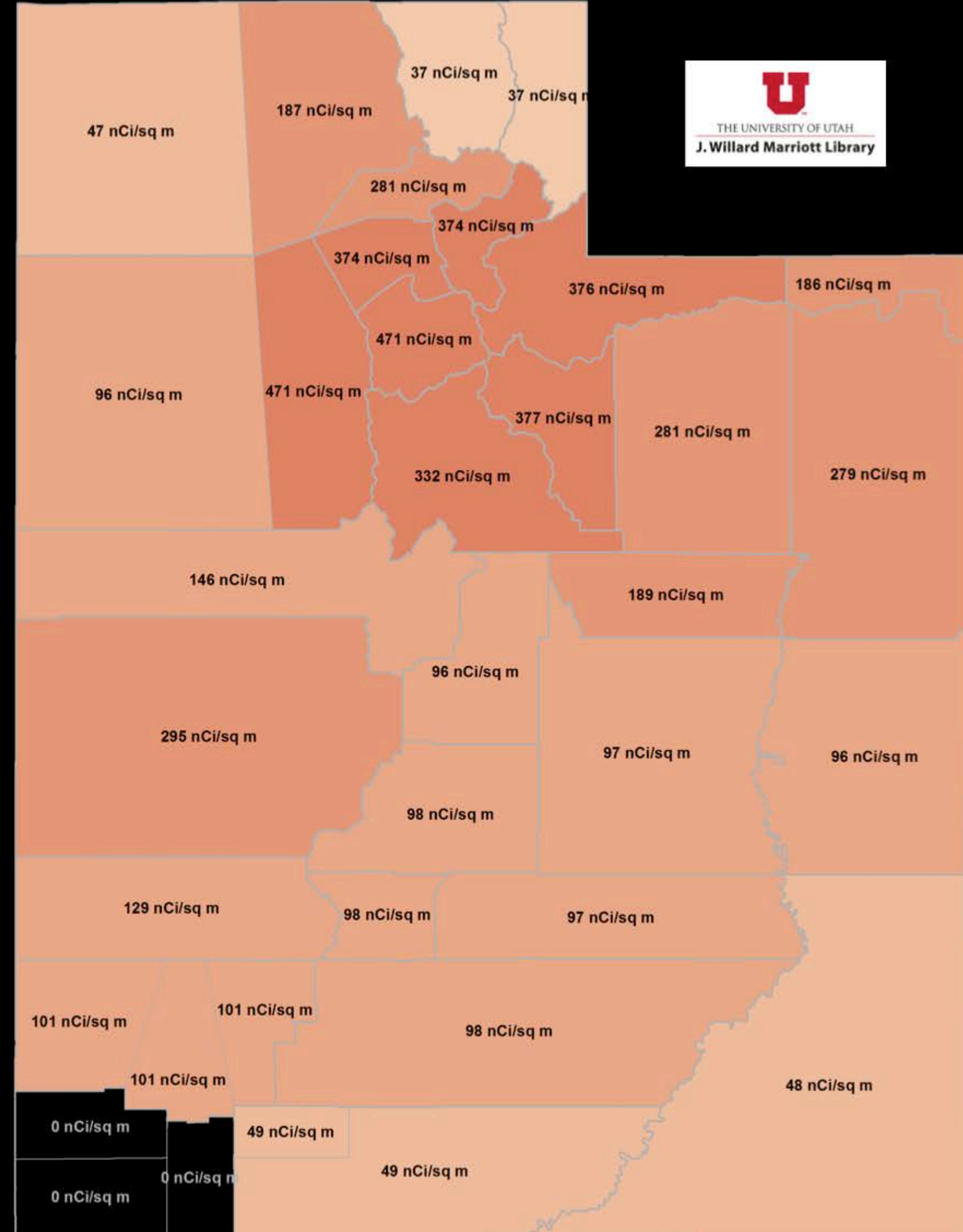


The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Post occurred within Area 9 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Salt Lake & Tooele counties (NCI Zone 2) @ 471 nCi/sq. m.

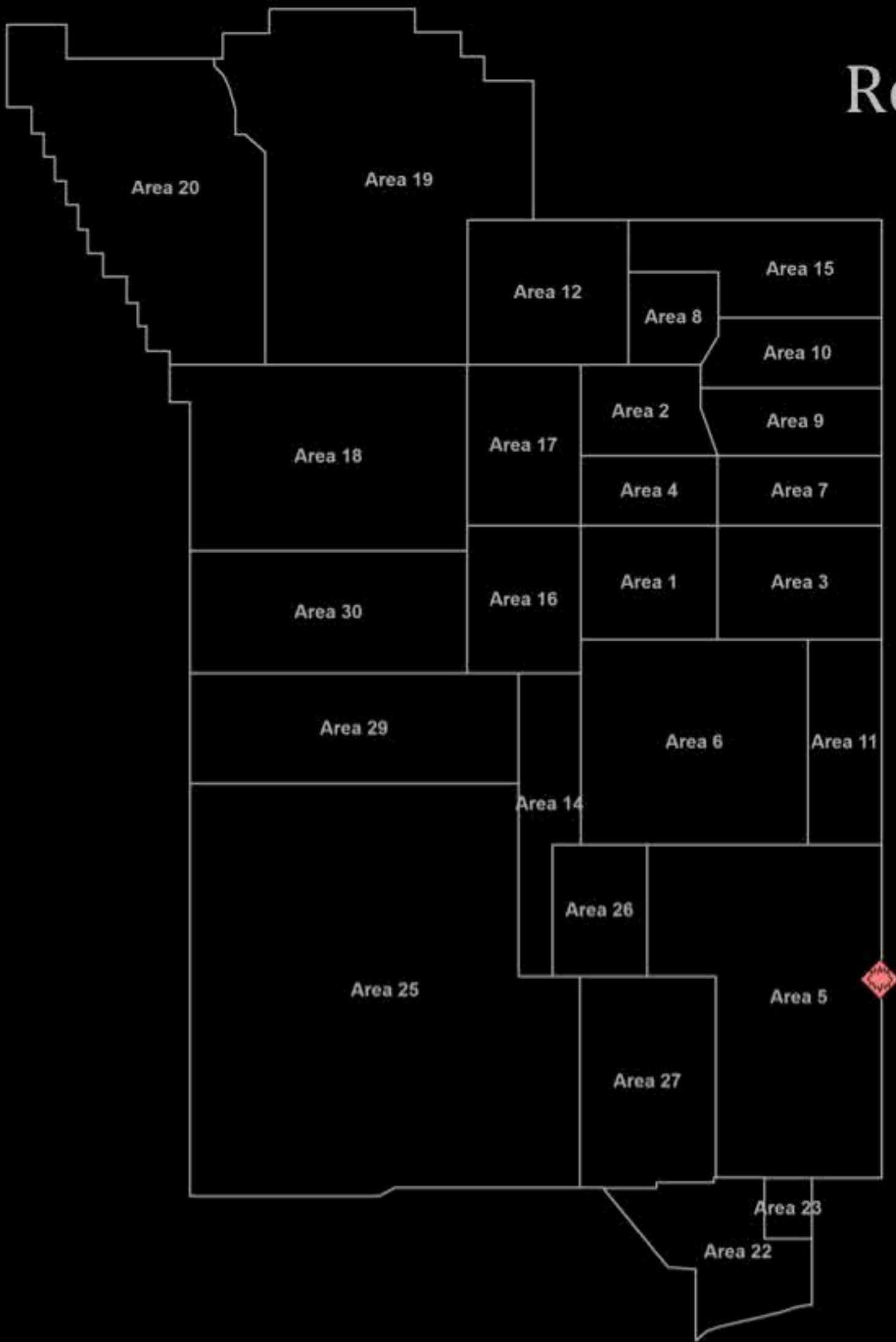


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

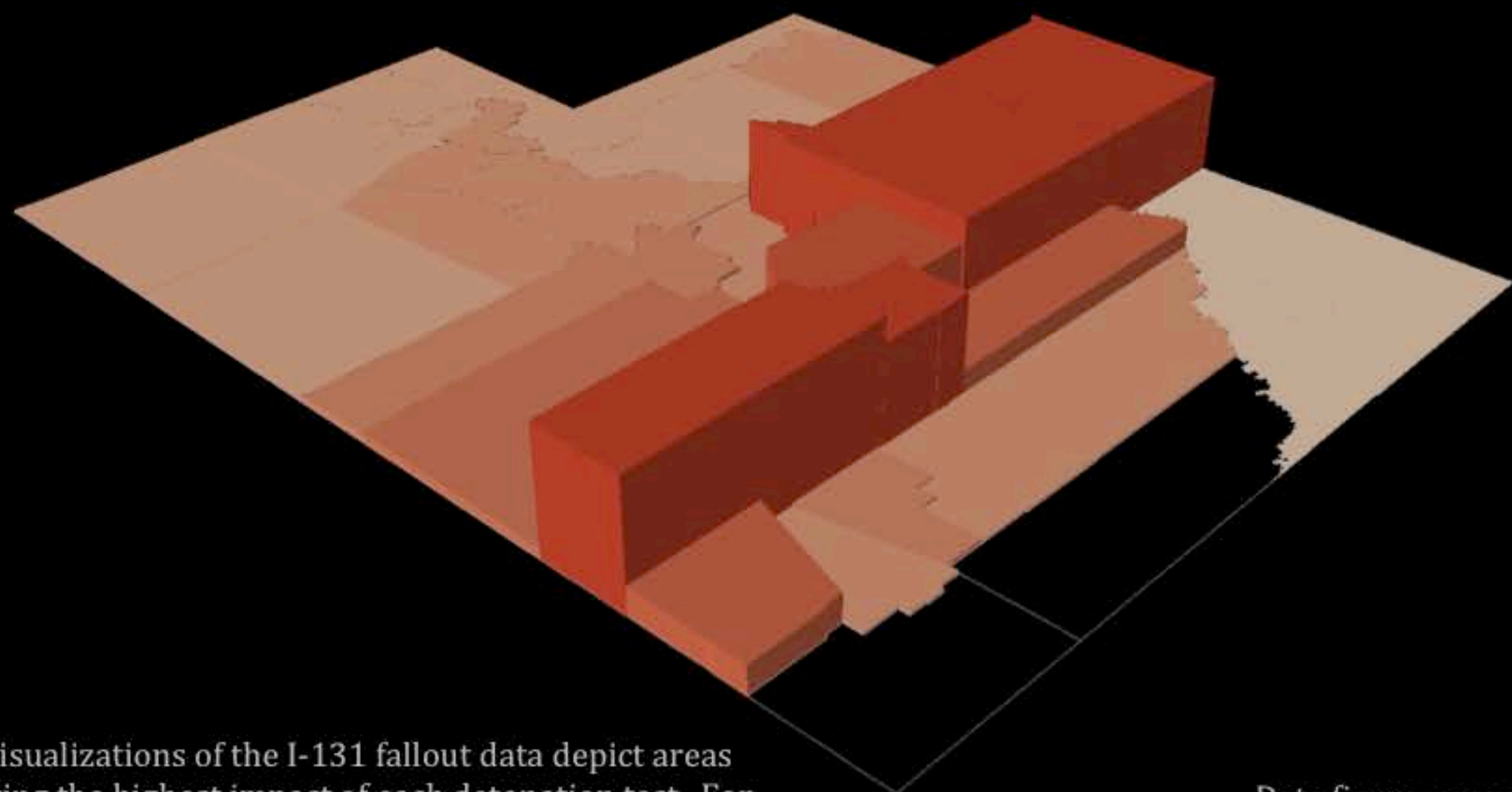
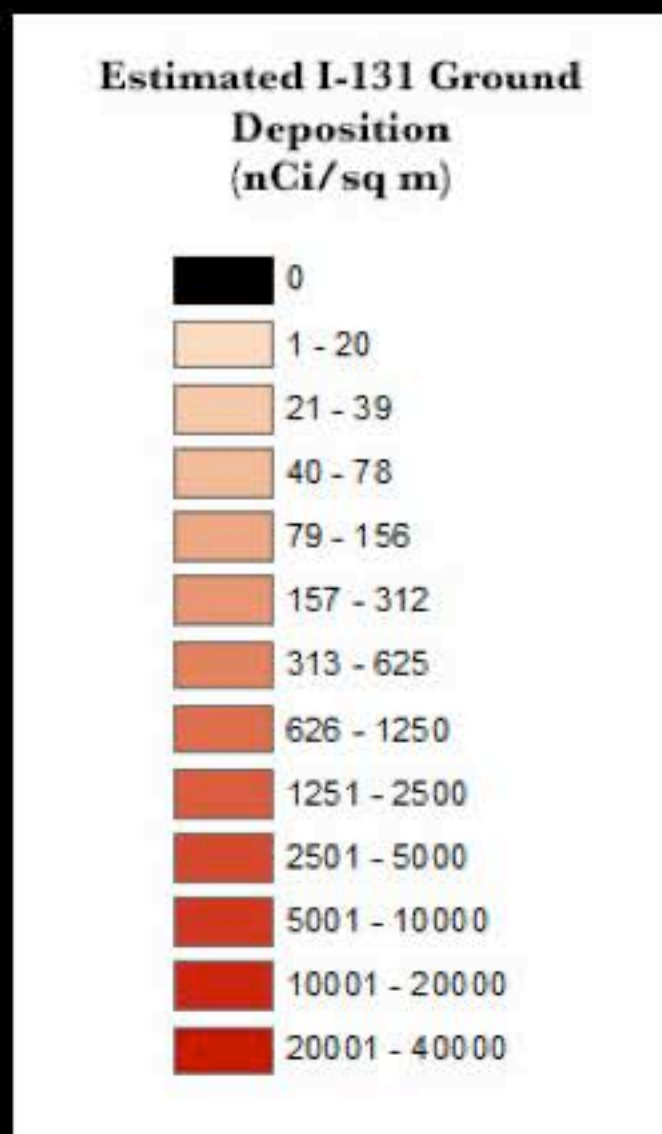
I-131 Ground Deposition Levels

Reported for the Operation Teapot Met Event

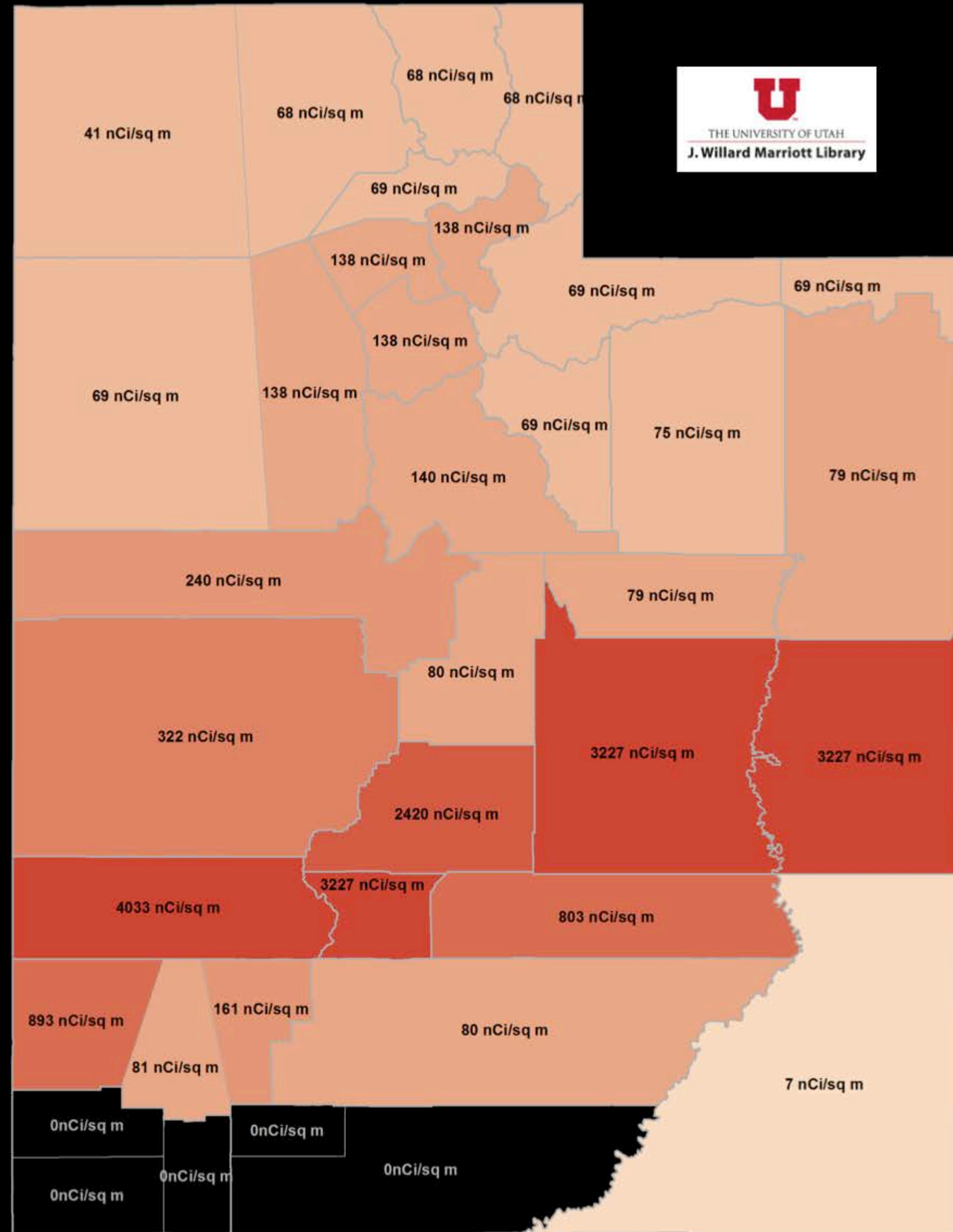
April 15, 1955



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Met occurred within Area 5 of the testing boundaries.



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Beaver county @ 4,033 nCi/sq. m.

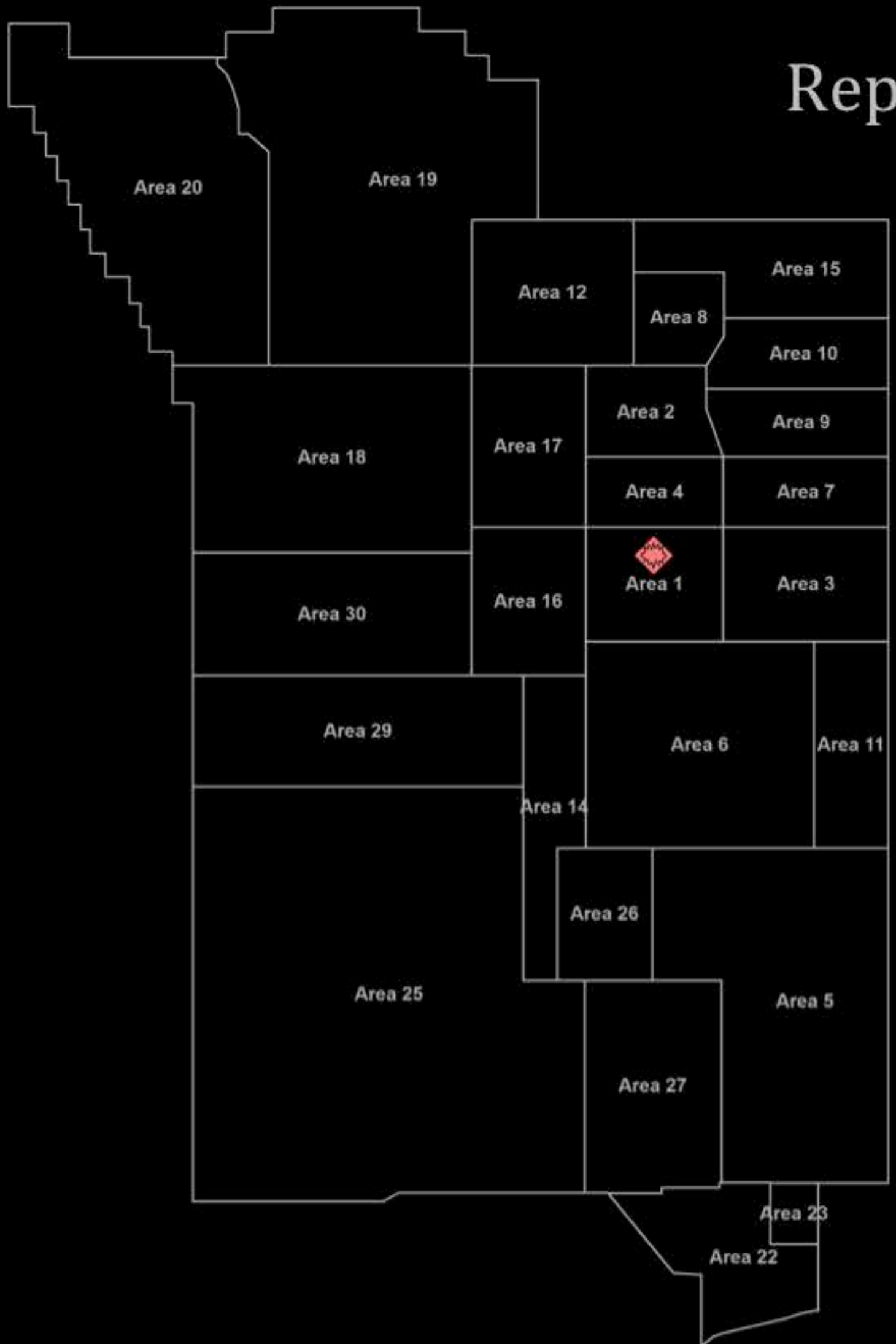


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels

Reported for the Operation Teapot Apple-II Event

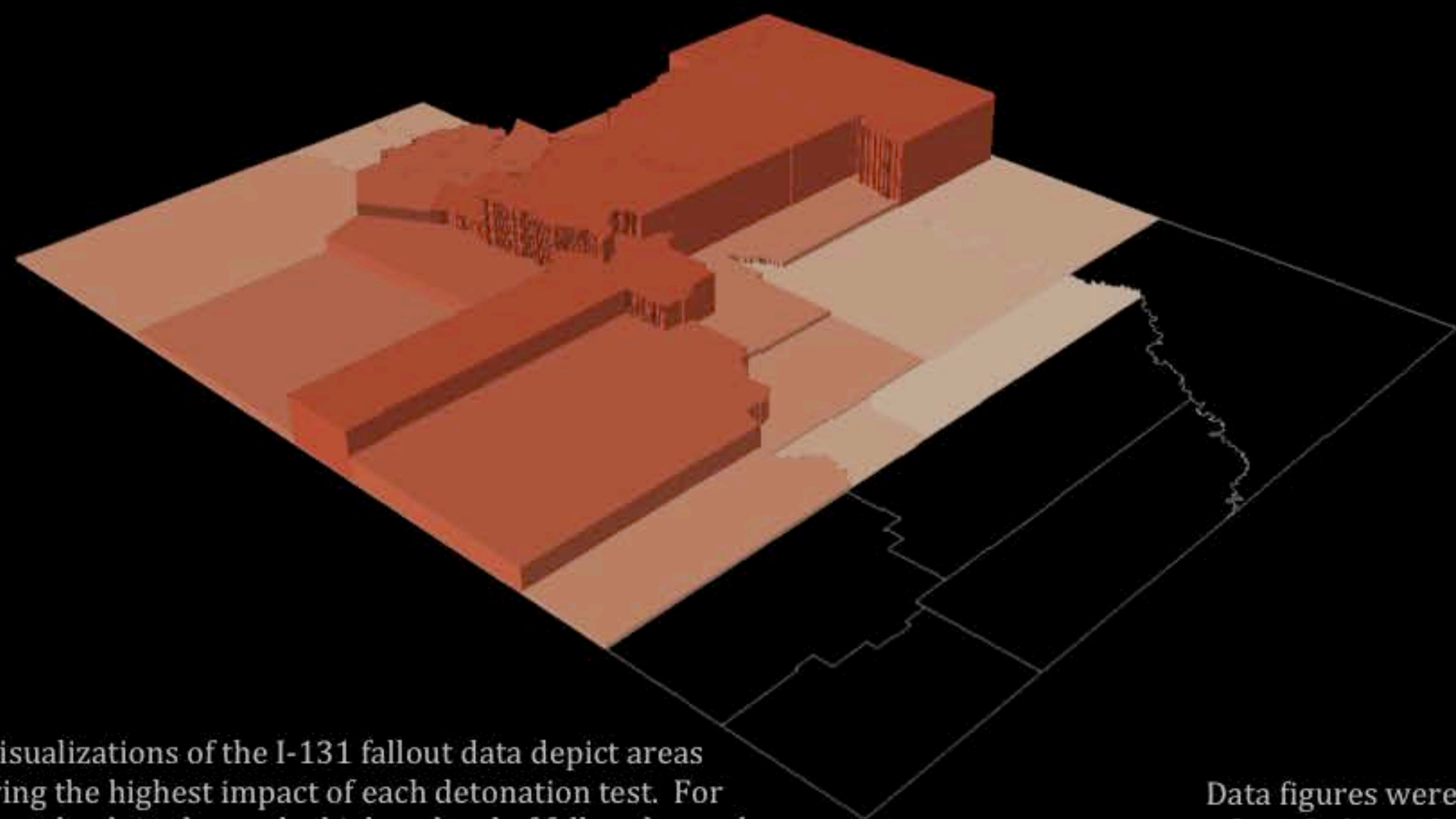
May 5, 1955



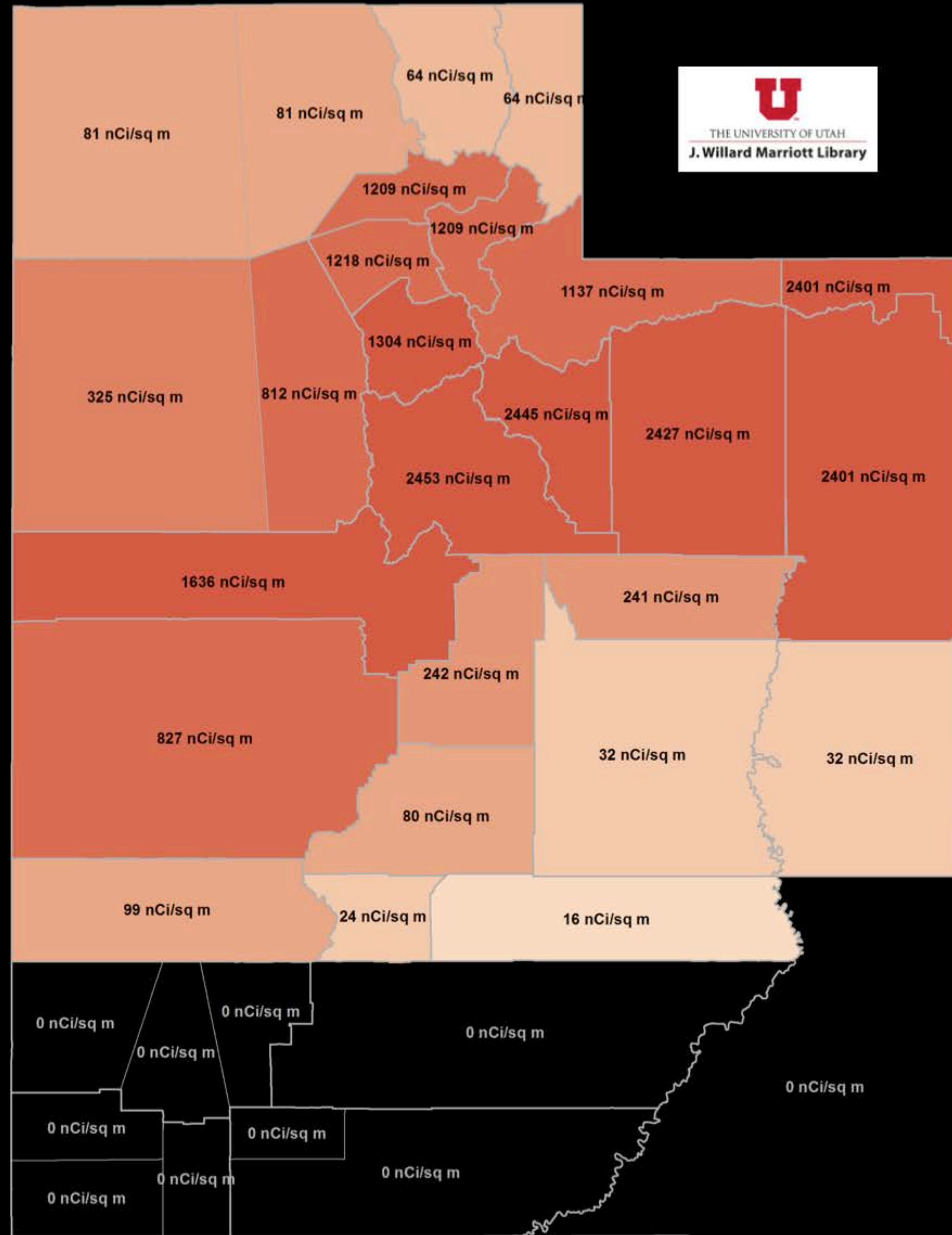
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Apple-II occurred within Area 1 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)

0
1 - 20
21 - 39
40 - 78
79 - 156
157 - 312
313 - 625
626 - 1250
1251 - 2500
2501 - 5000
5001 - 10000
10001 - 20000
20001 - 40000

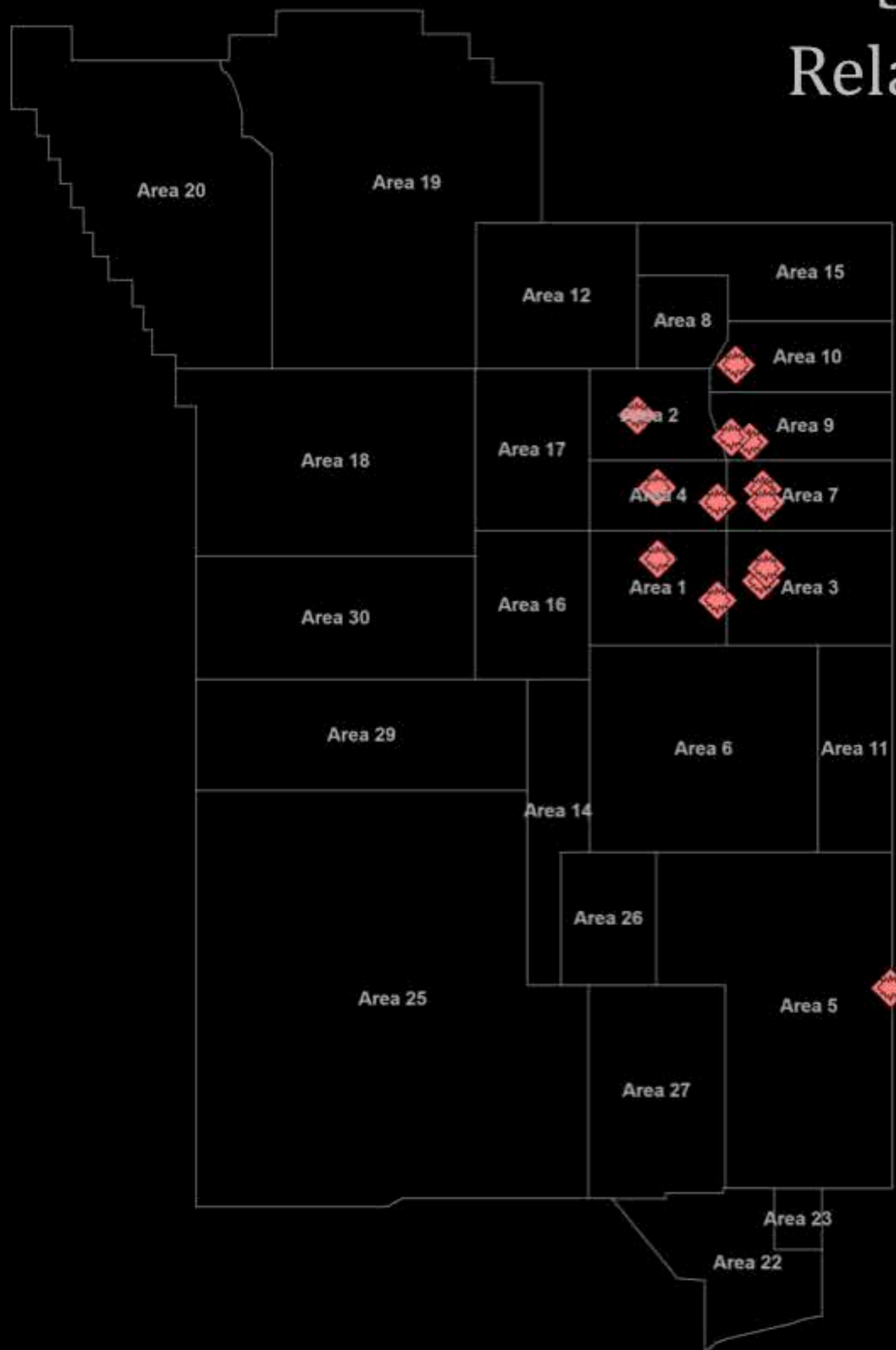


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Utah county @ 2,453 nCi/sq. m.

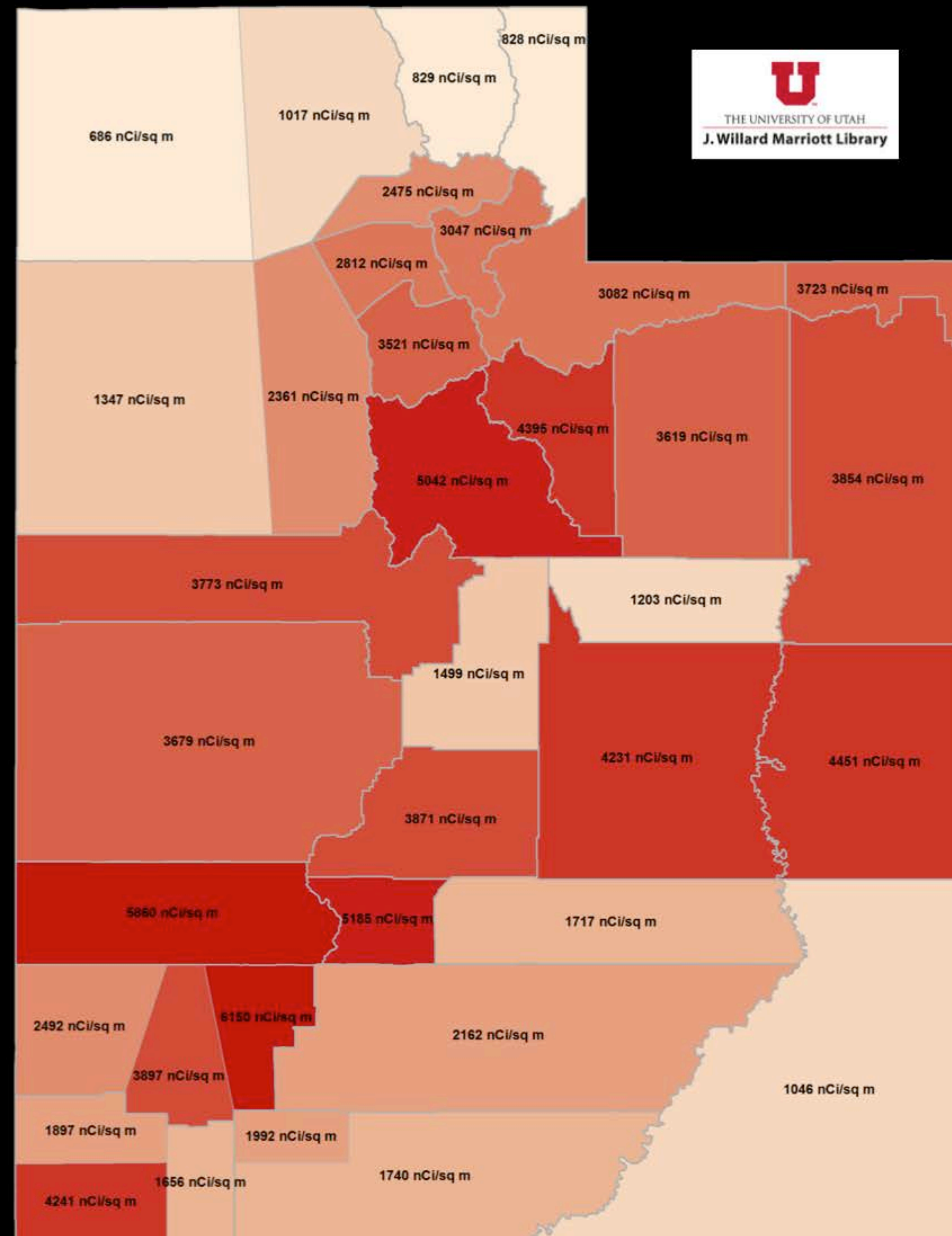
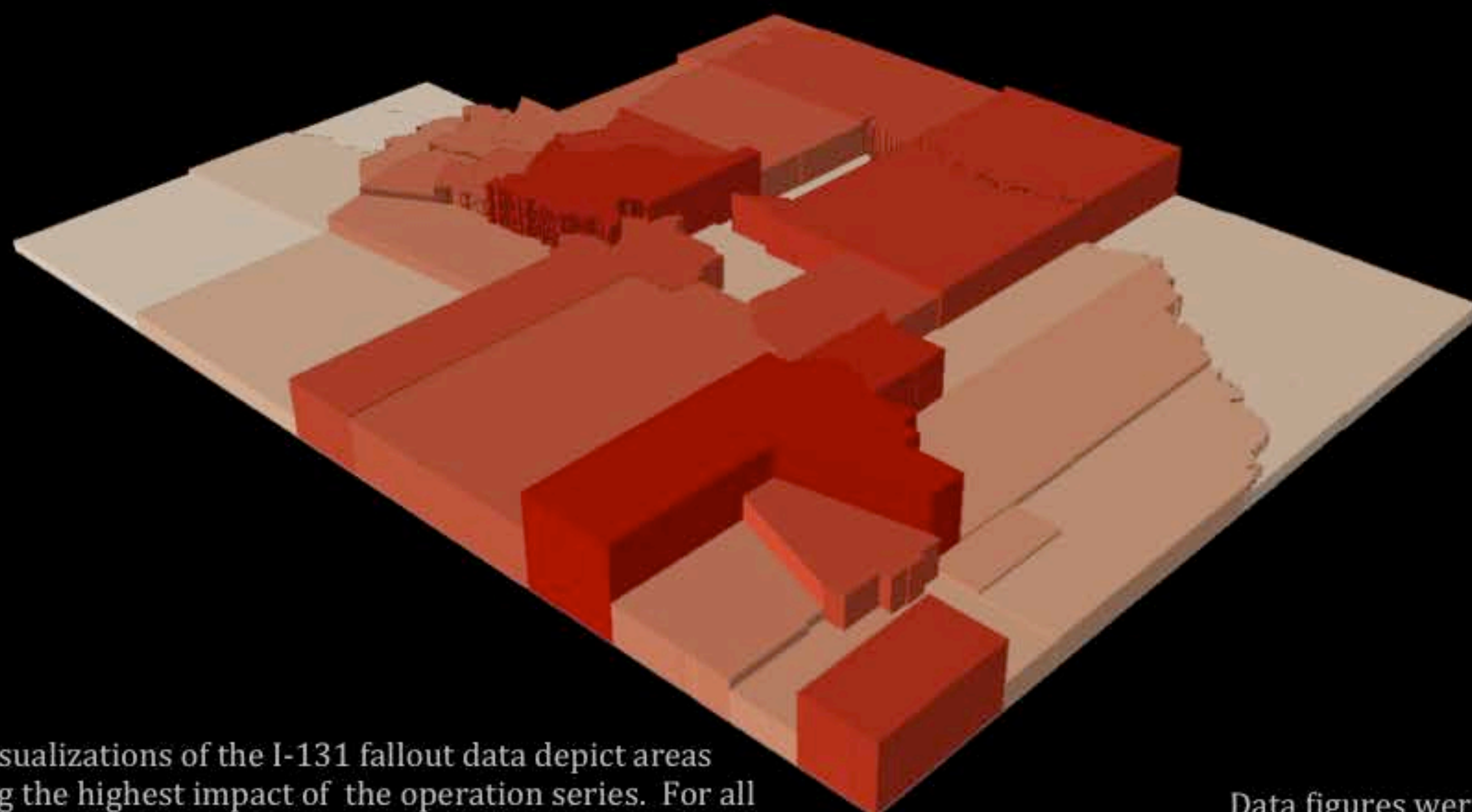
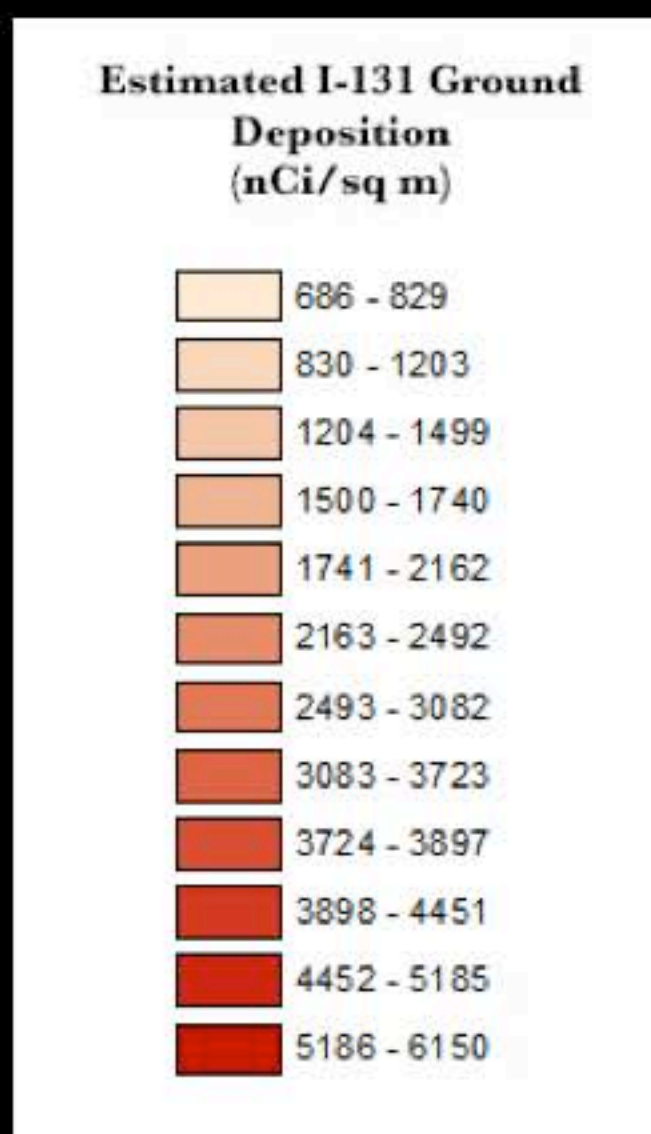


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

Summarized I-131 Ground Deposition Levels Related to All Operation Teapot Atmospheric Tests February 18, 1955 – May 15, 1955



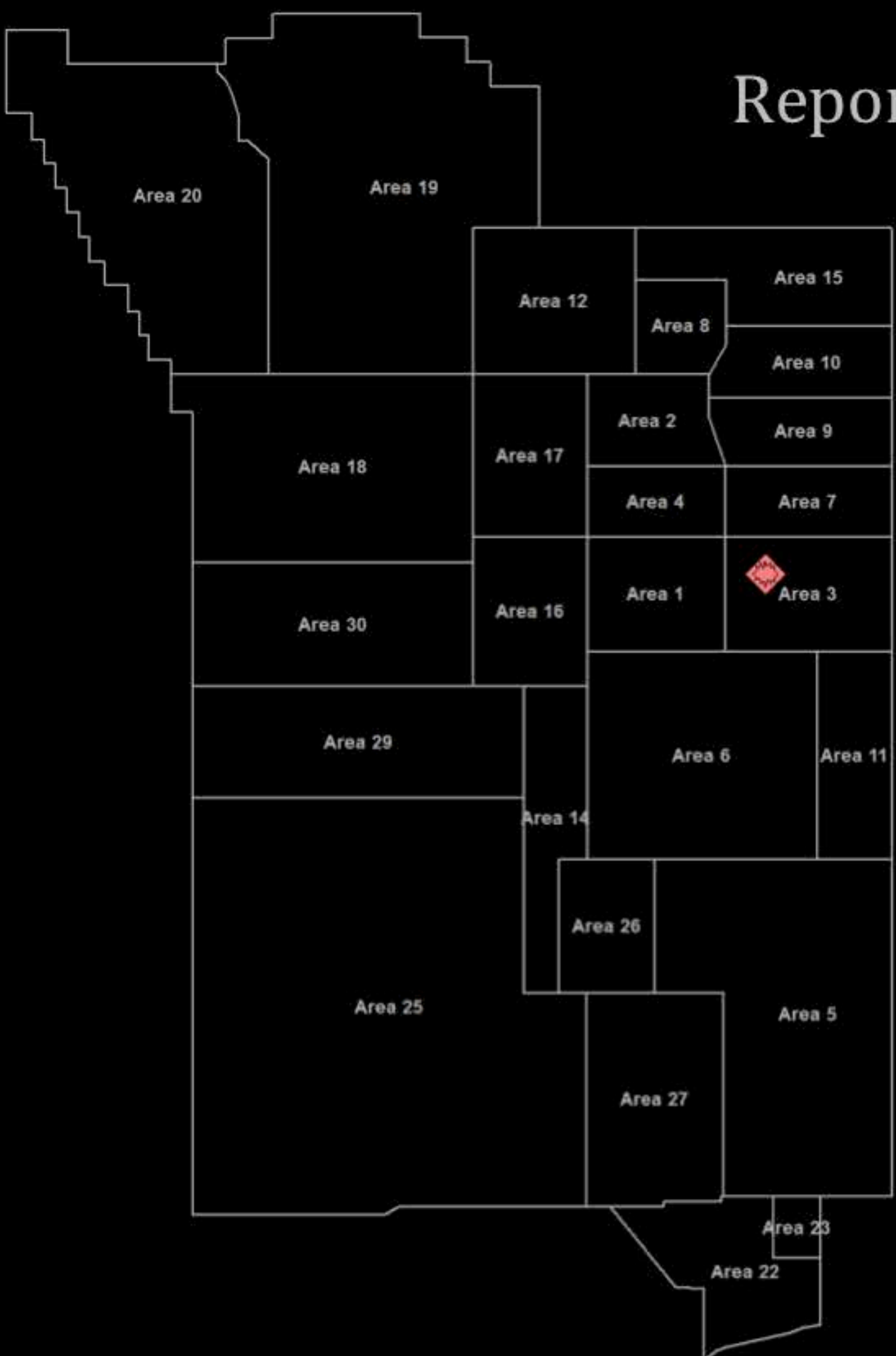
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. During the Operation Teapot series, 14 tests were conducted; however, only 13 of these tests were included in the National Cancer Institute study.



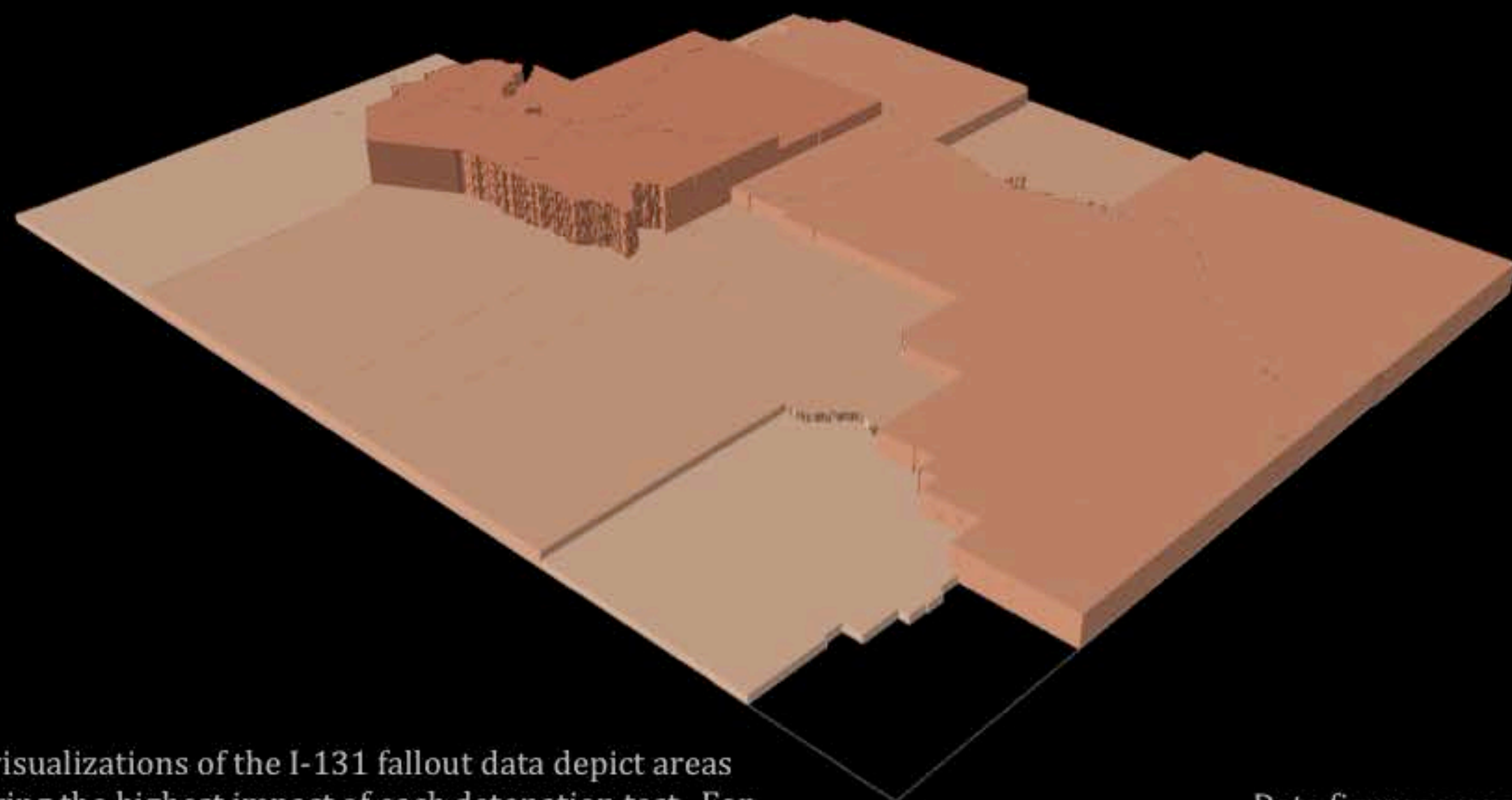
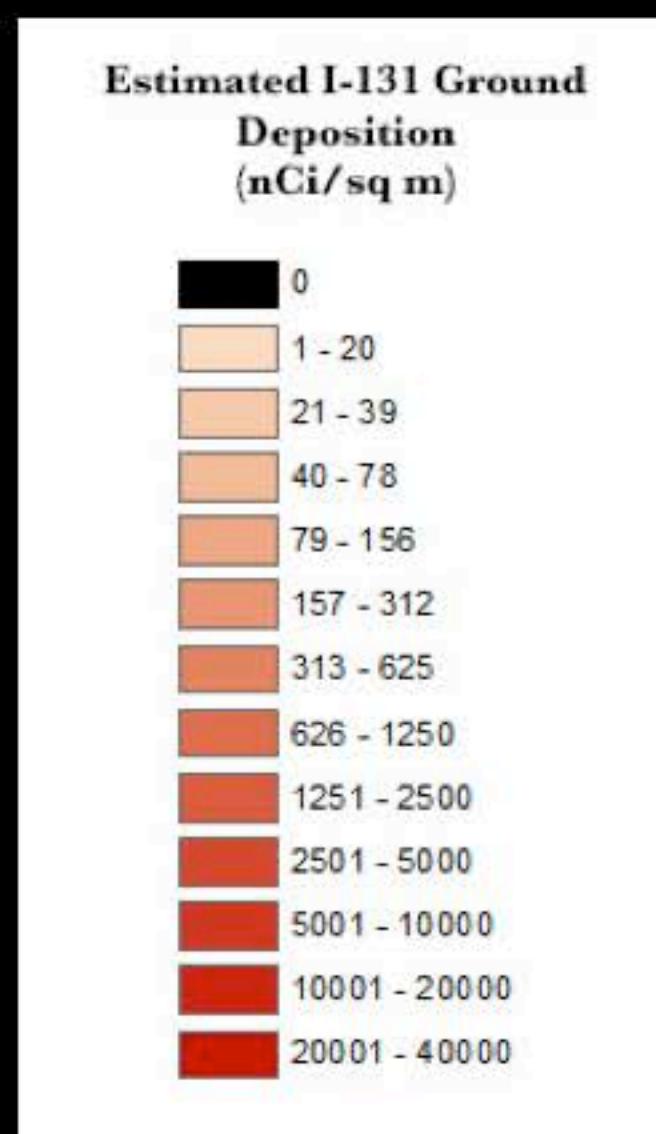
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of the operation series. For all tests conducted during the Operation Teapot series, the data shows the highest summarized level of fallout located in Iron county (NCI Zone 2) @ 6,150 nCi/sq m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the summarized geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to all events of the Operation Teapot series.

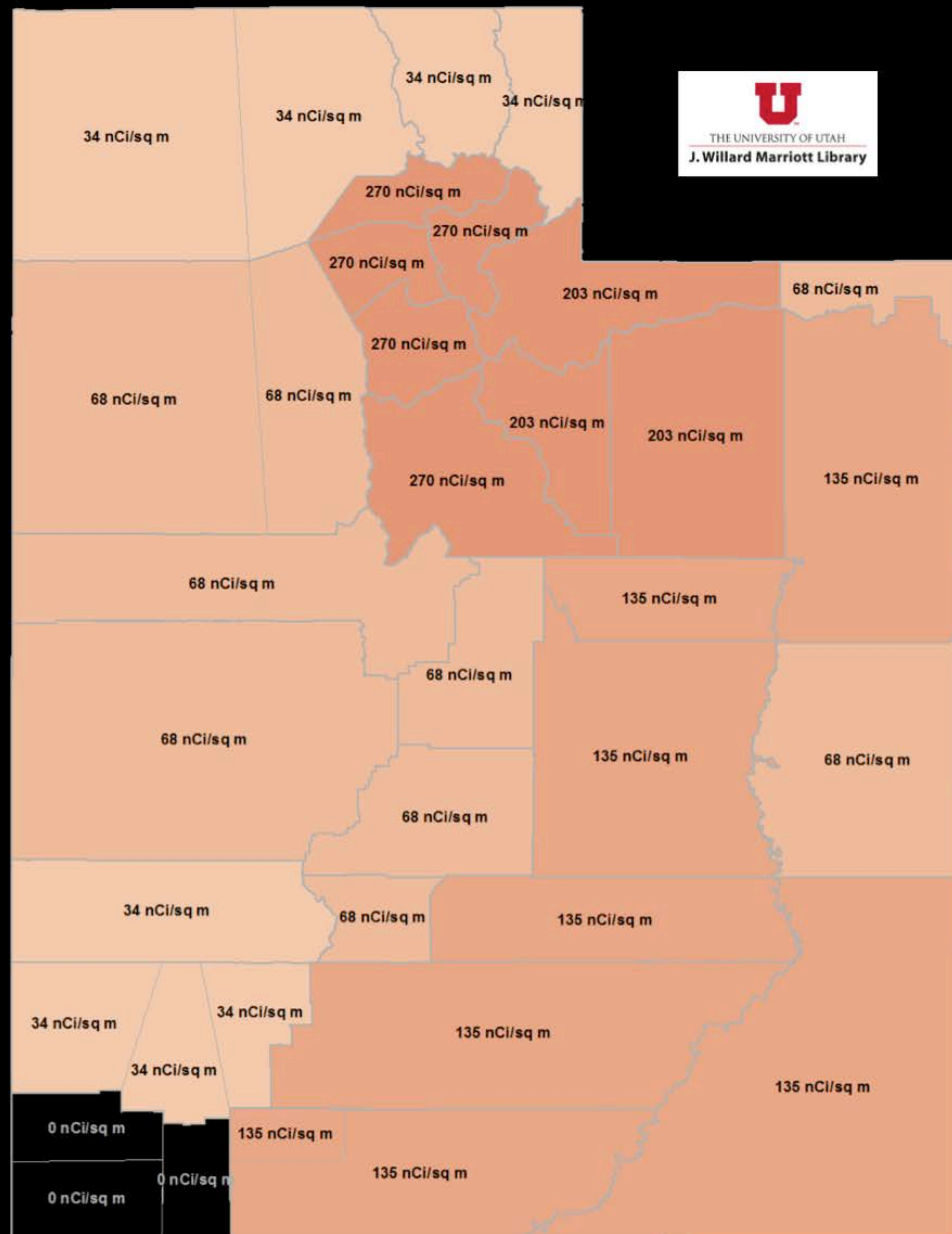
I-131 Ground Deposition Levels Reported for the Operation Plumbbob Franklin Event June 2, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Franklin occurred within Area 3 of the testing boundaries.

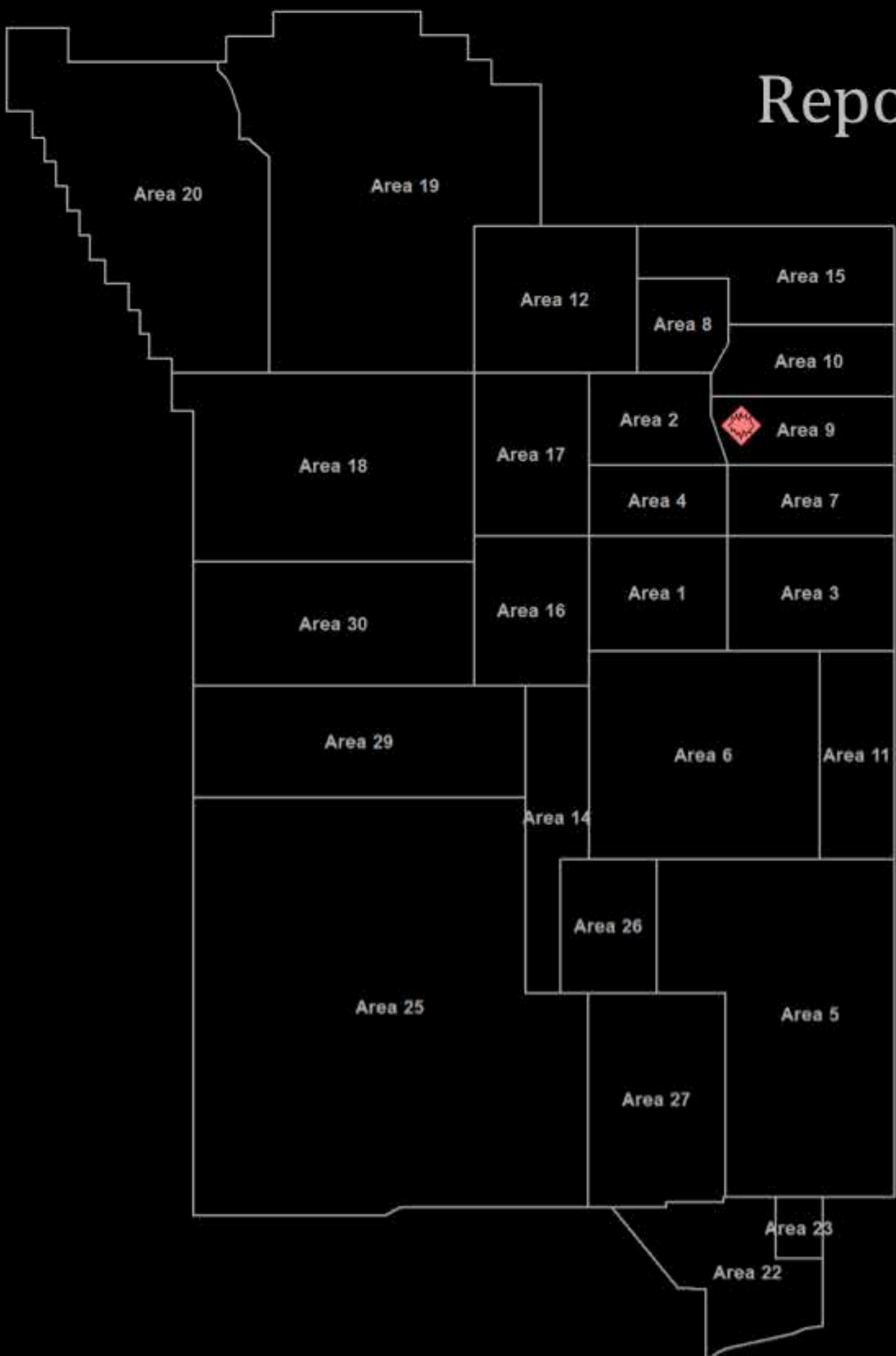


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Weber, Davis, Morgan, Salt Lake and Utah counties @ 270 nCi/sq. m.

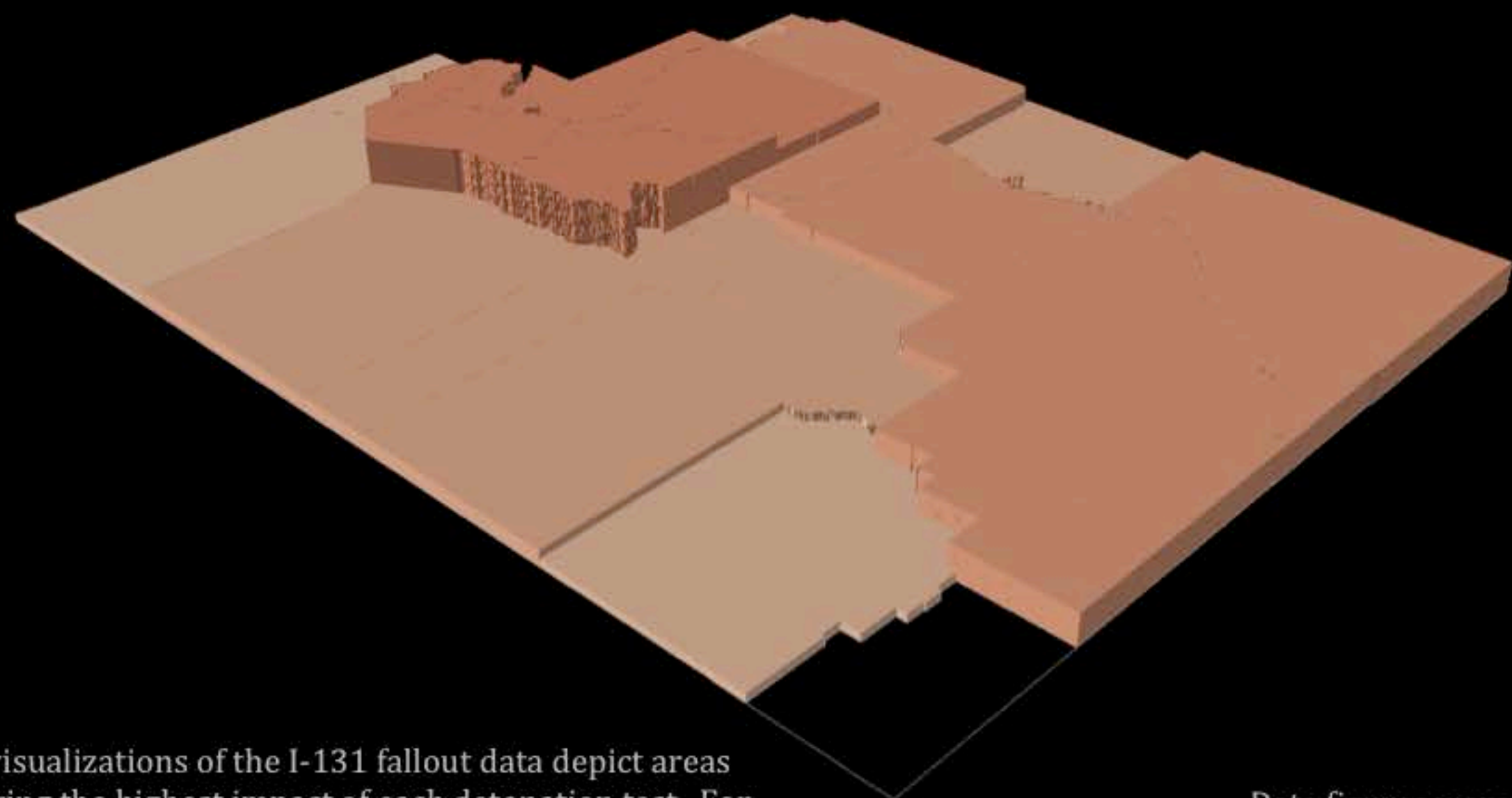
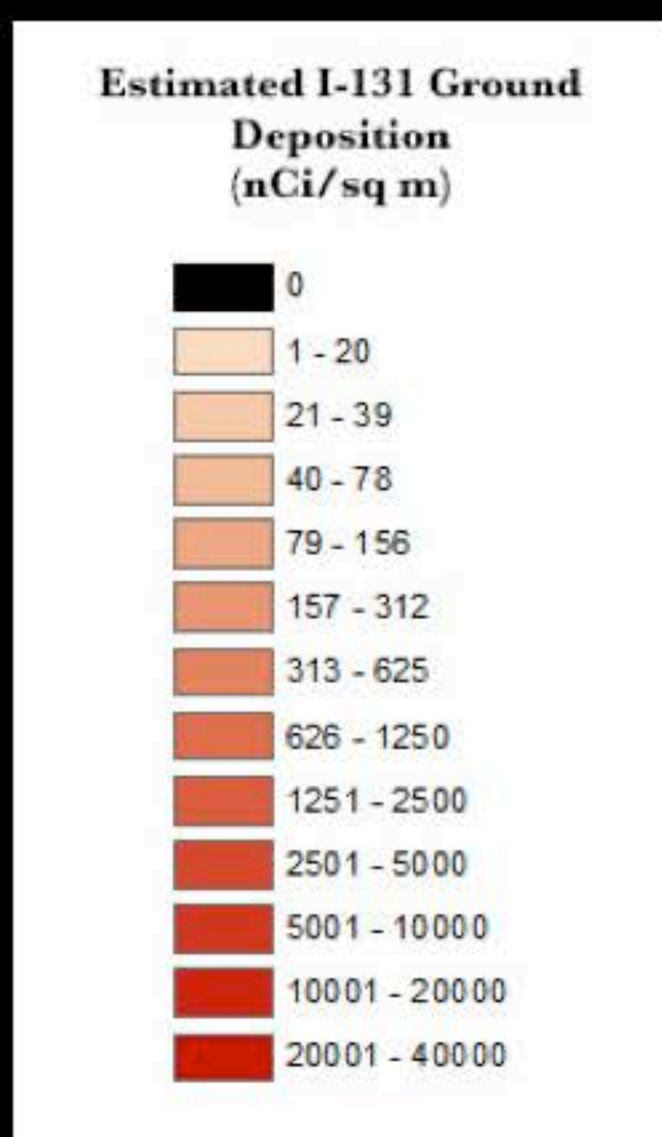


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

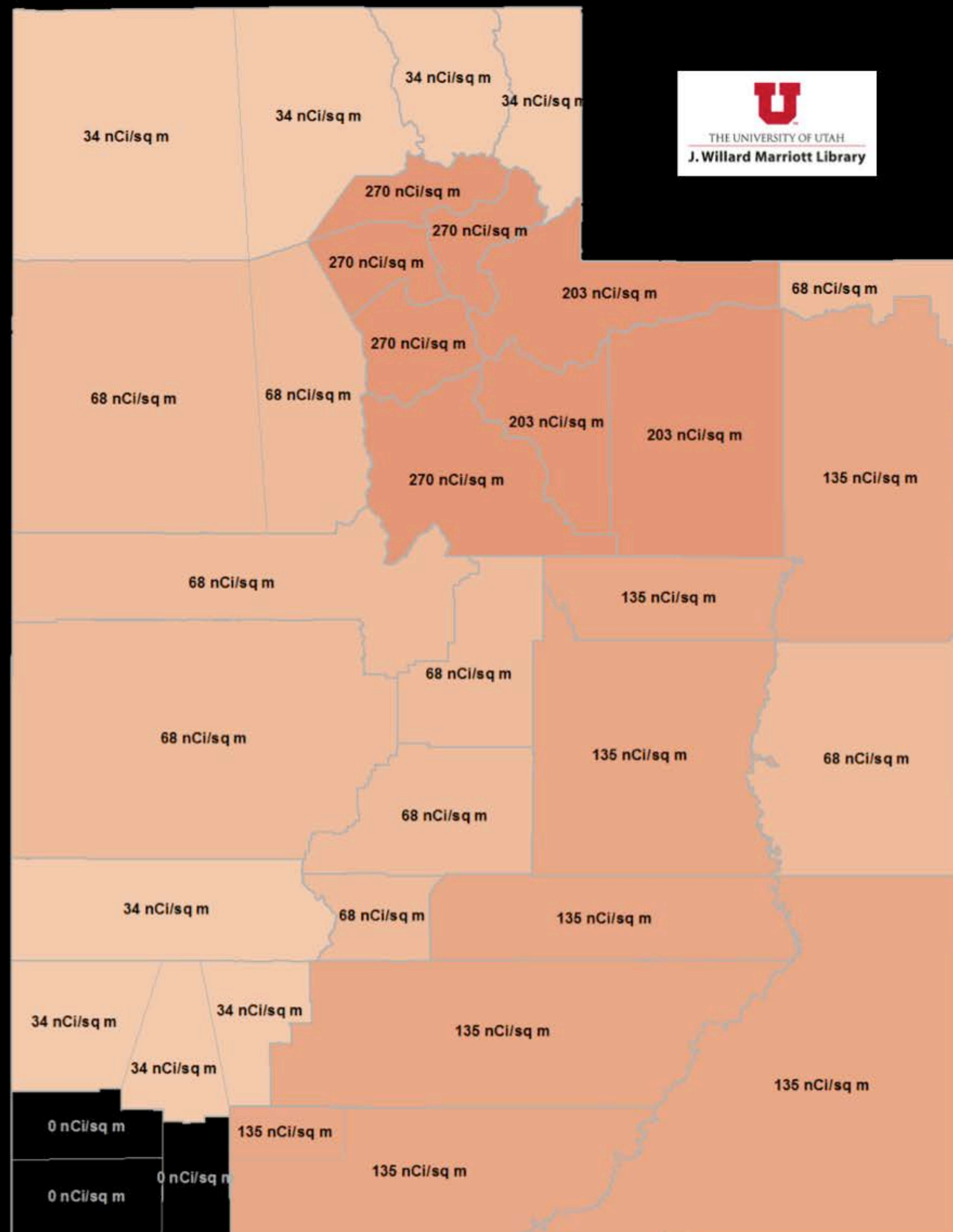
I-131 Ground Deposition Levels Reported for the Operation Plumbbob Lassen Event June 5, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Lassen occurred within Area 9 of the testing boundaries.

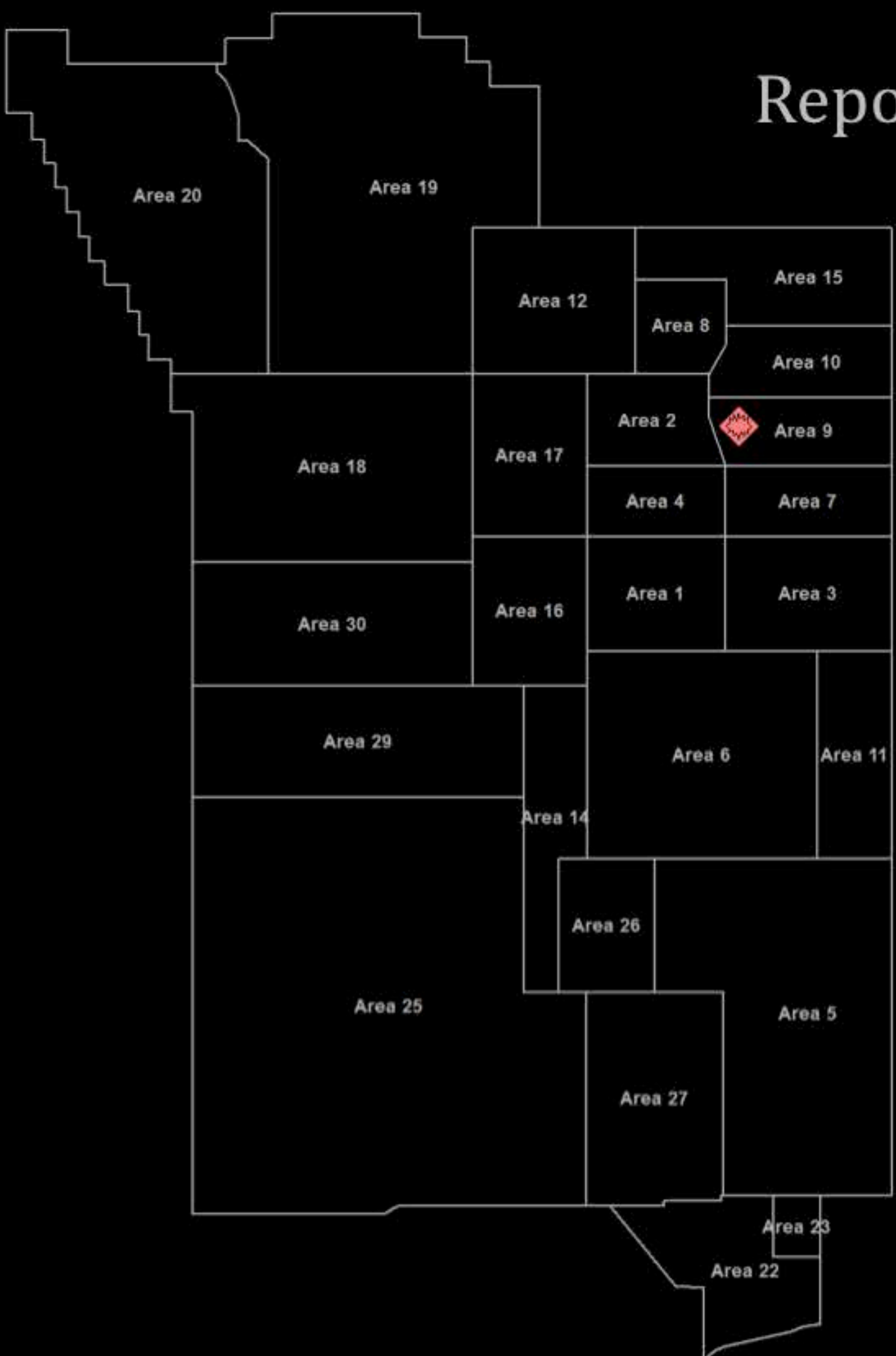


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Weber, Davis, Morgan, Salt Lake and Utah Counties @ 270 nCi/sq. m.

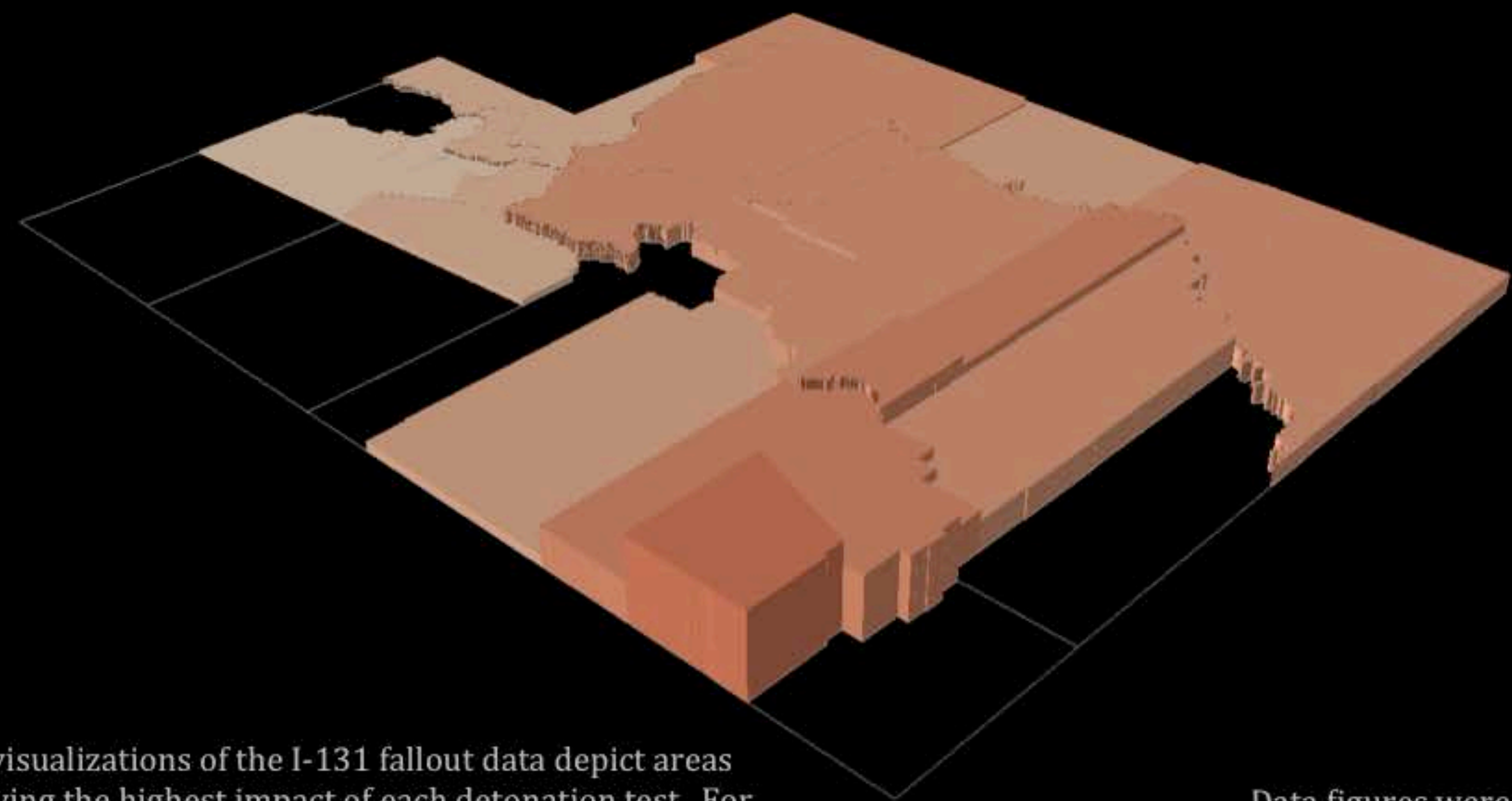
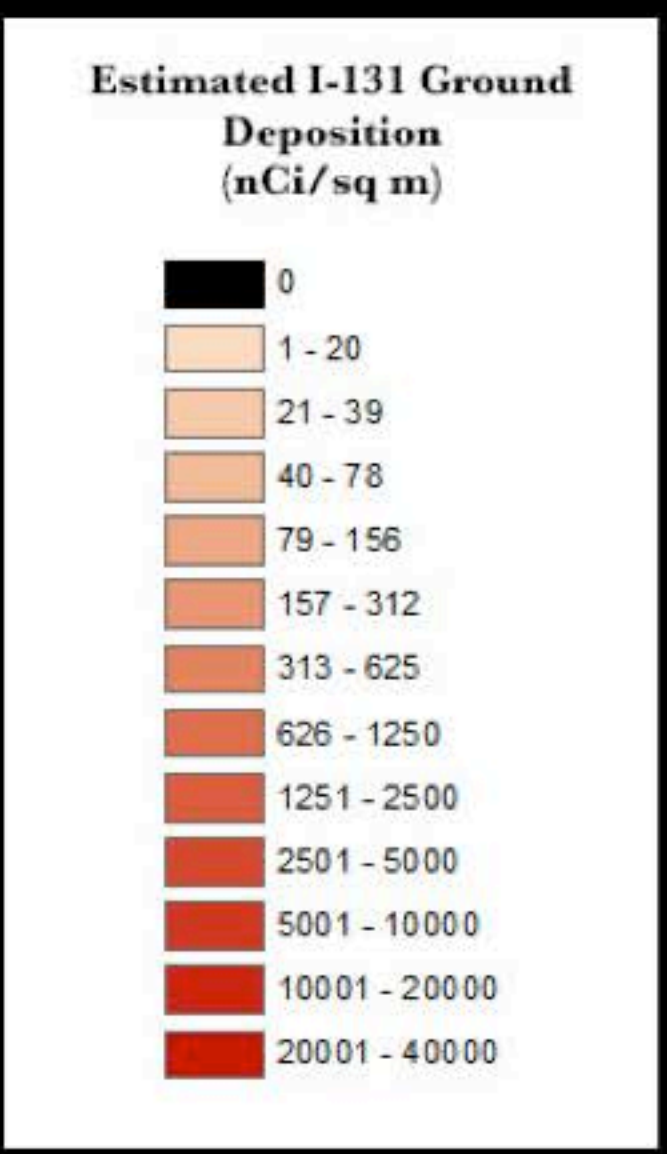


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

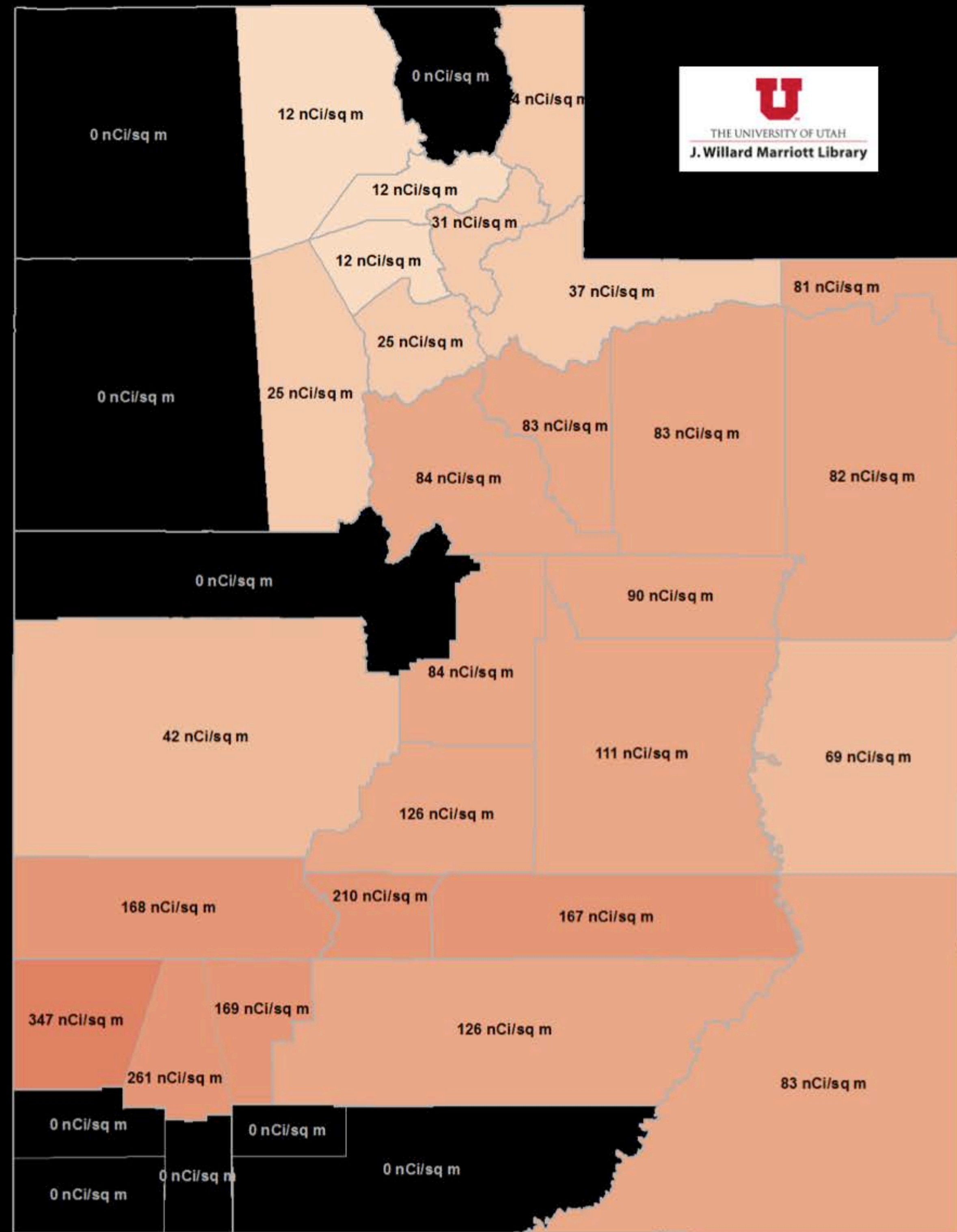
I-131 Ground Deposition Levels Reported for the Operation Plumbbob Wilson Event June 18, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Wilson occurred within Area 9 of the testing boundaries.



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Iron county (NCI Zone 1) @ 347 nCi/sq. m.

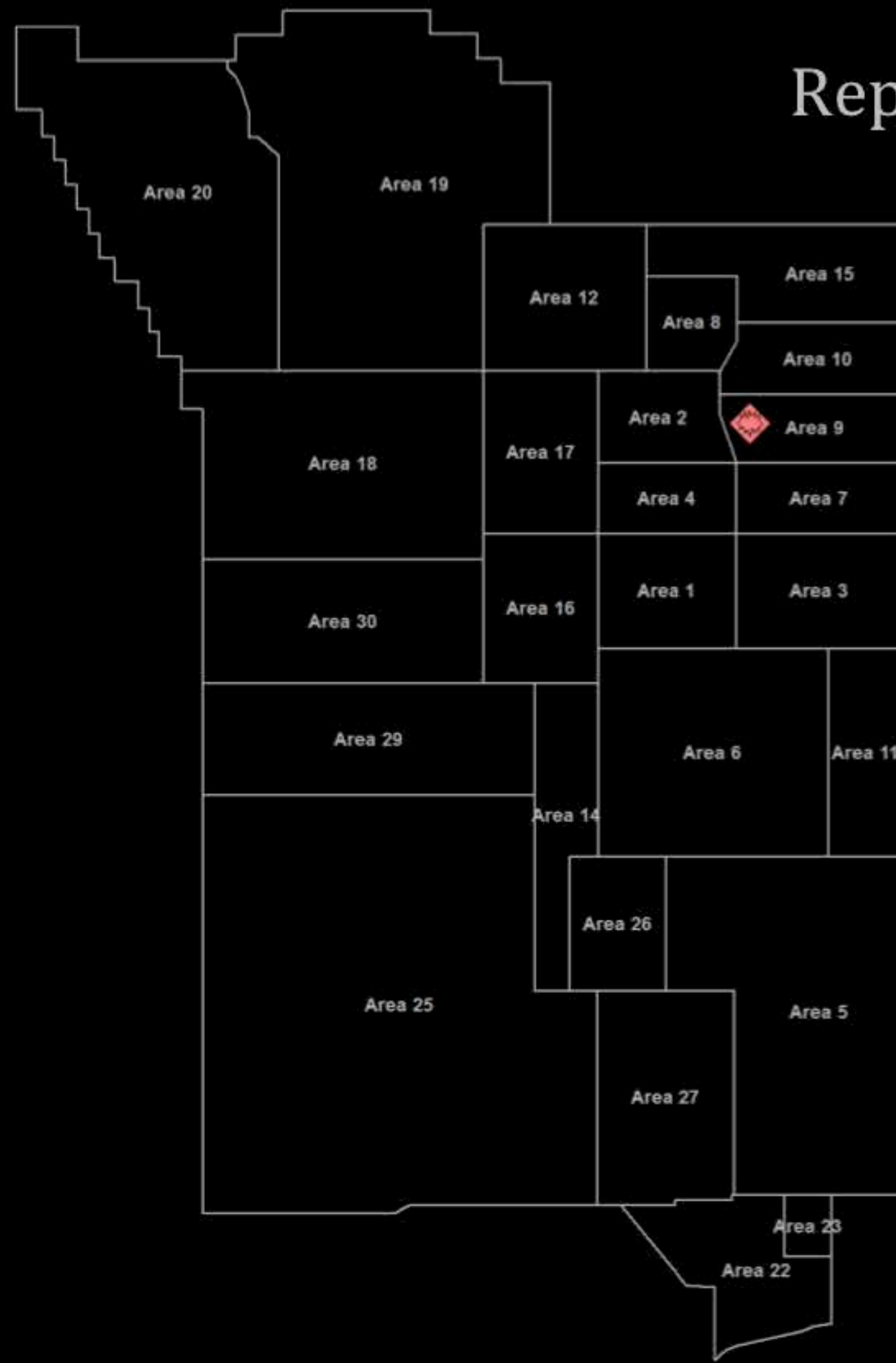


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

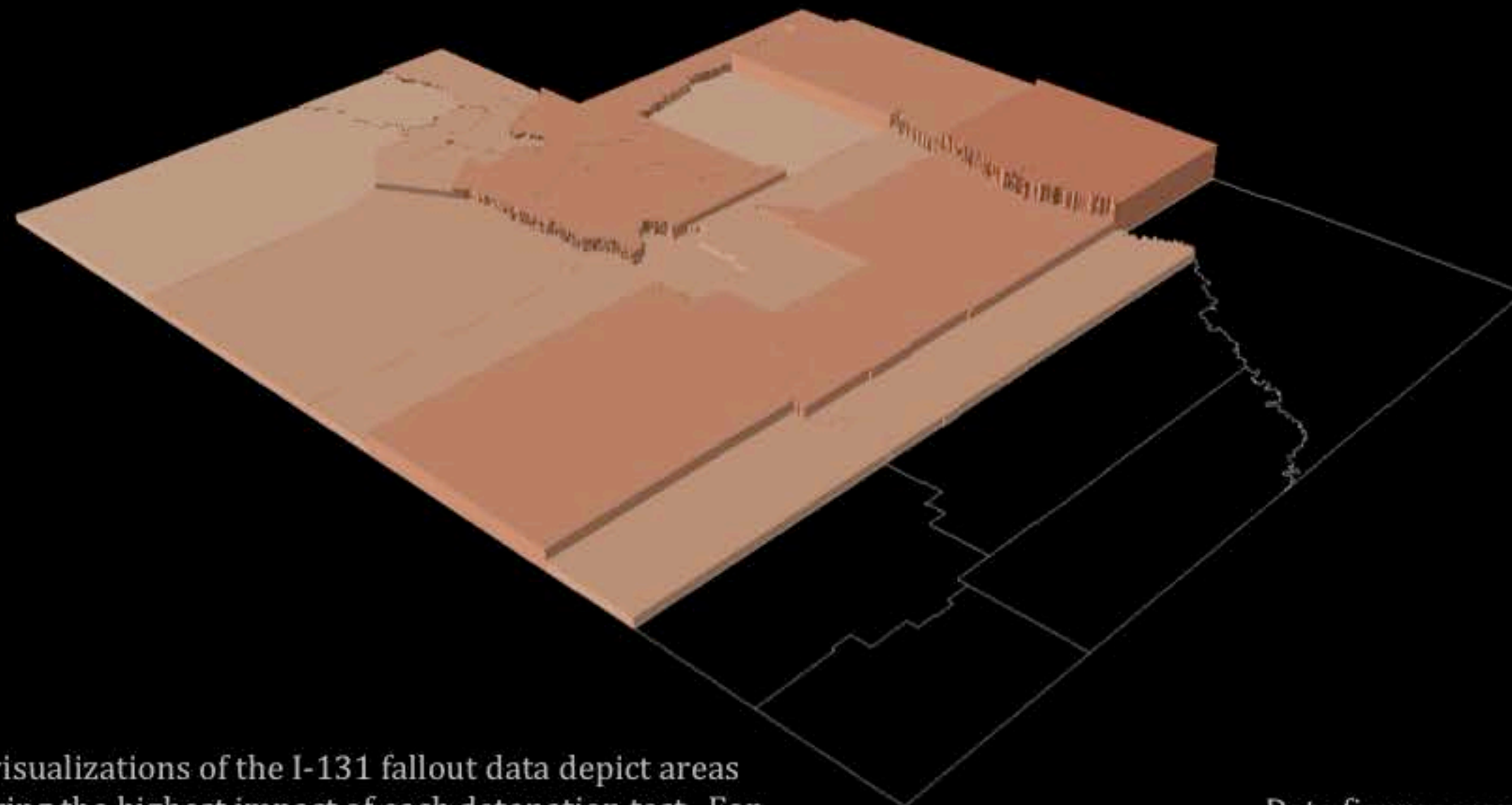
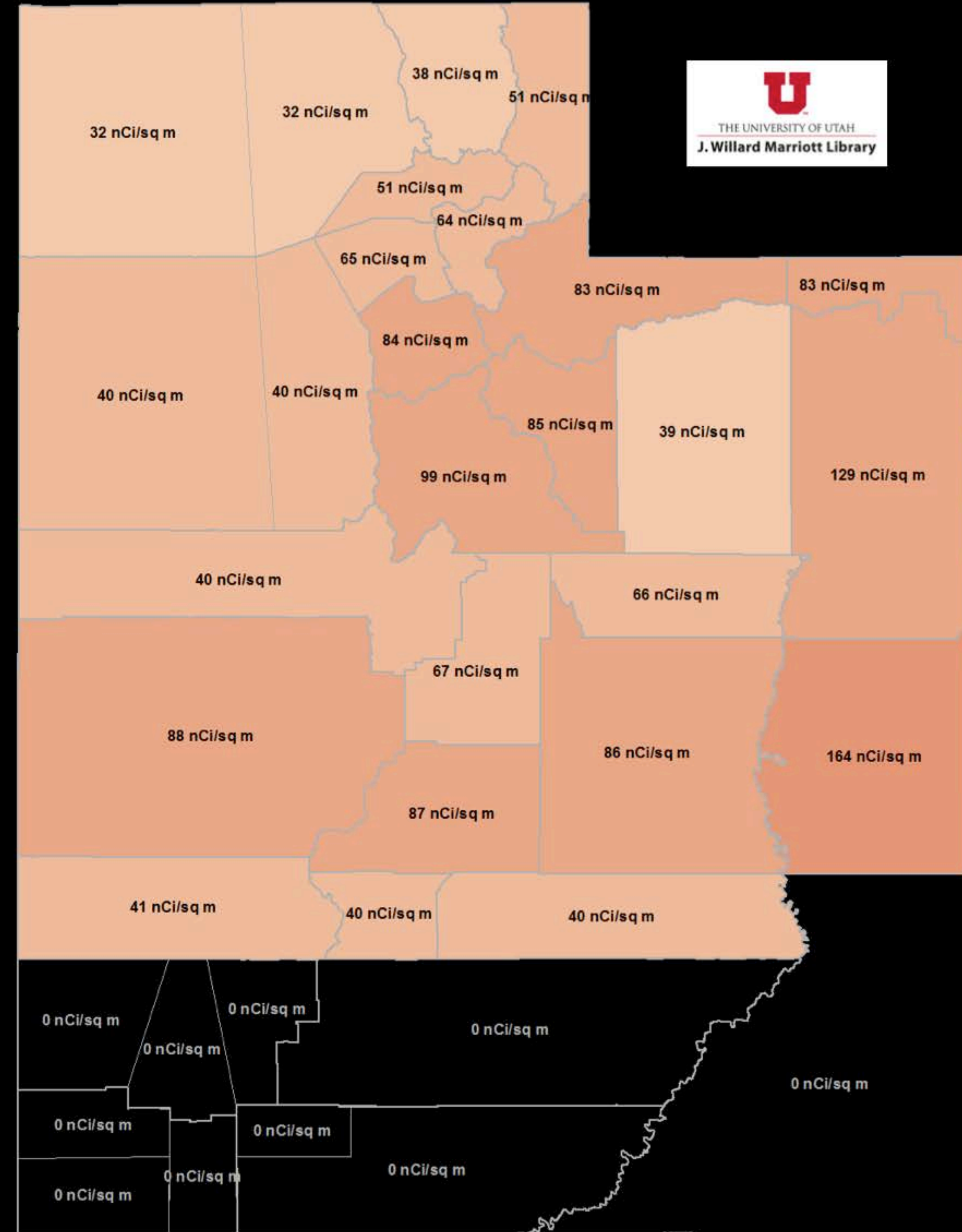
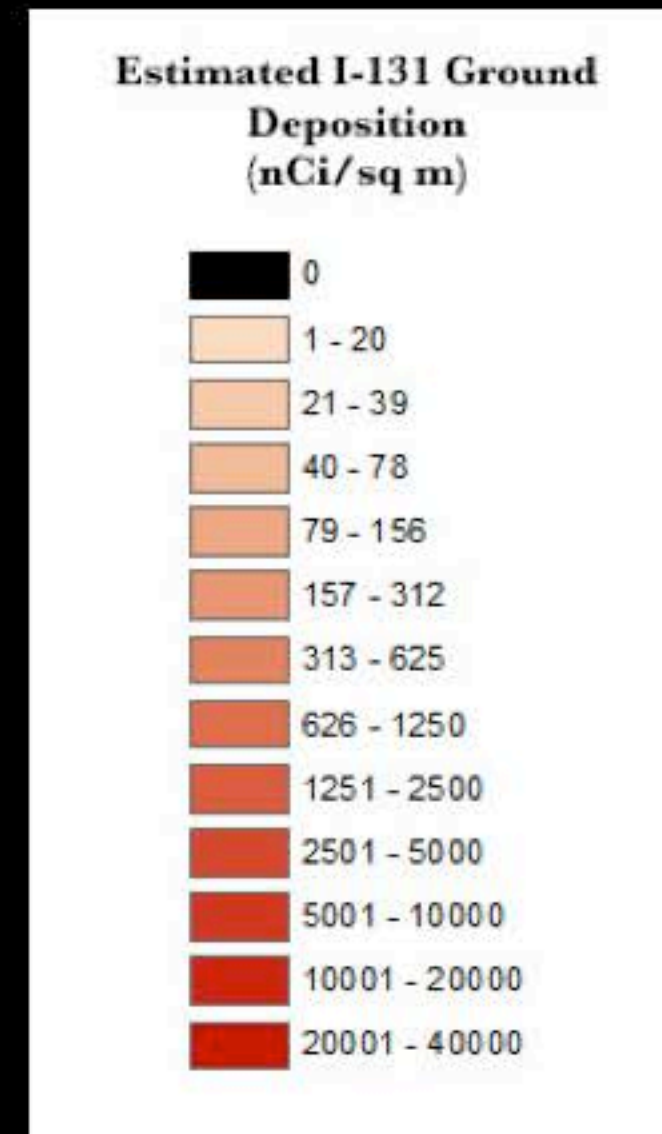
I-131 Ground Deposition Levels

Reported for the Operation Plumbbob Hood Event

July 5, 1957



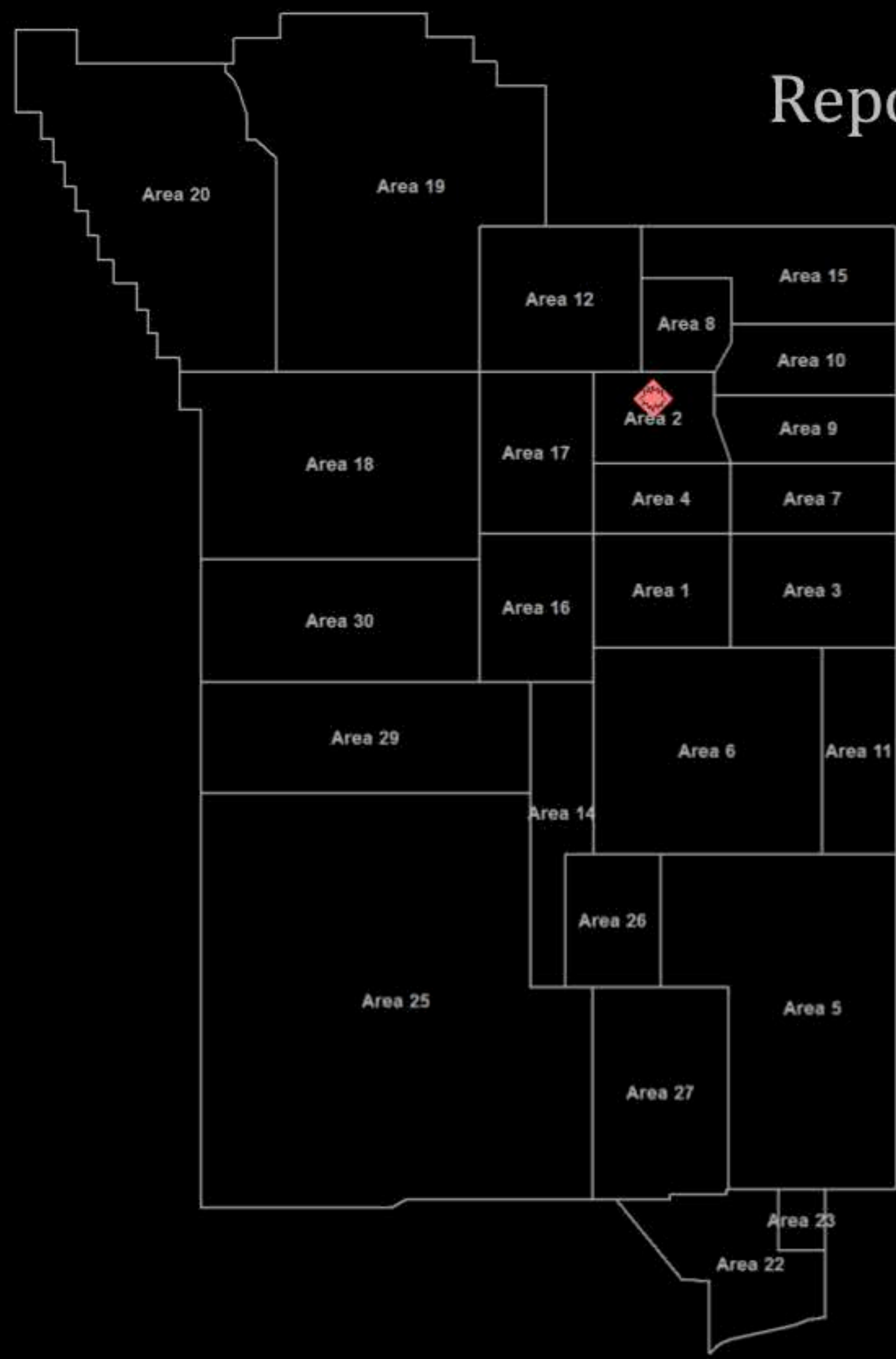
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Hood occurred within Area 9 of the testing boundaries.



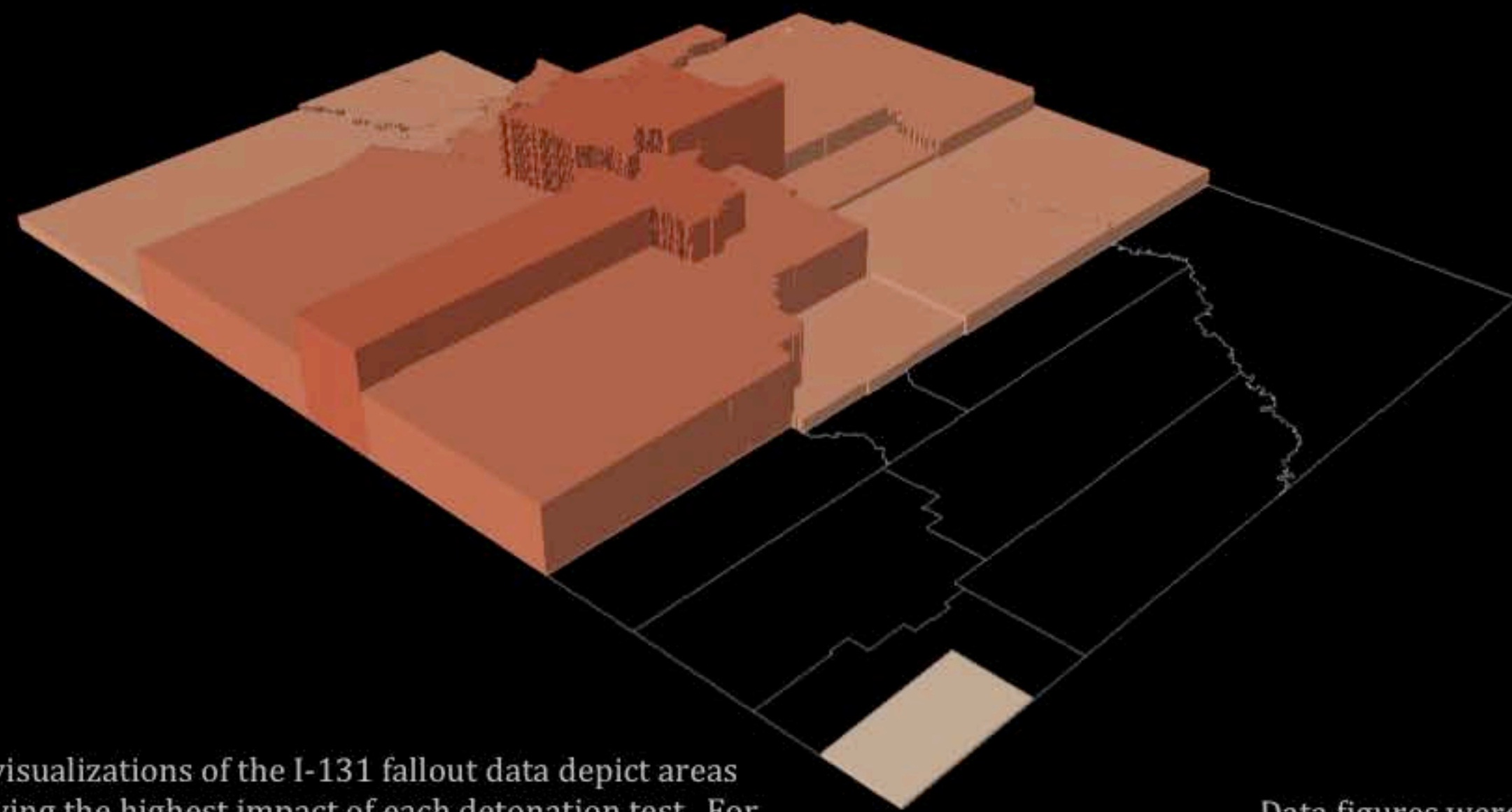
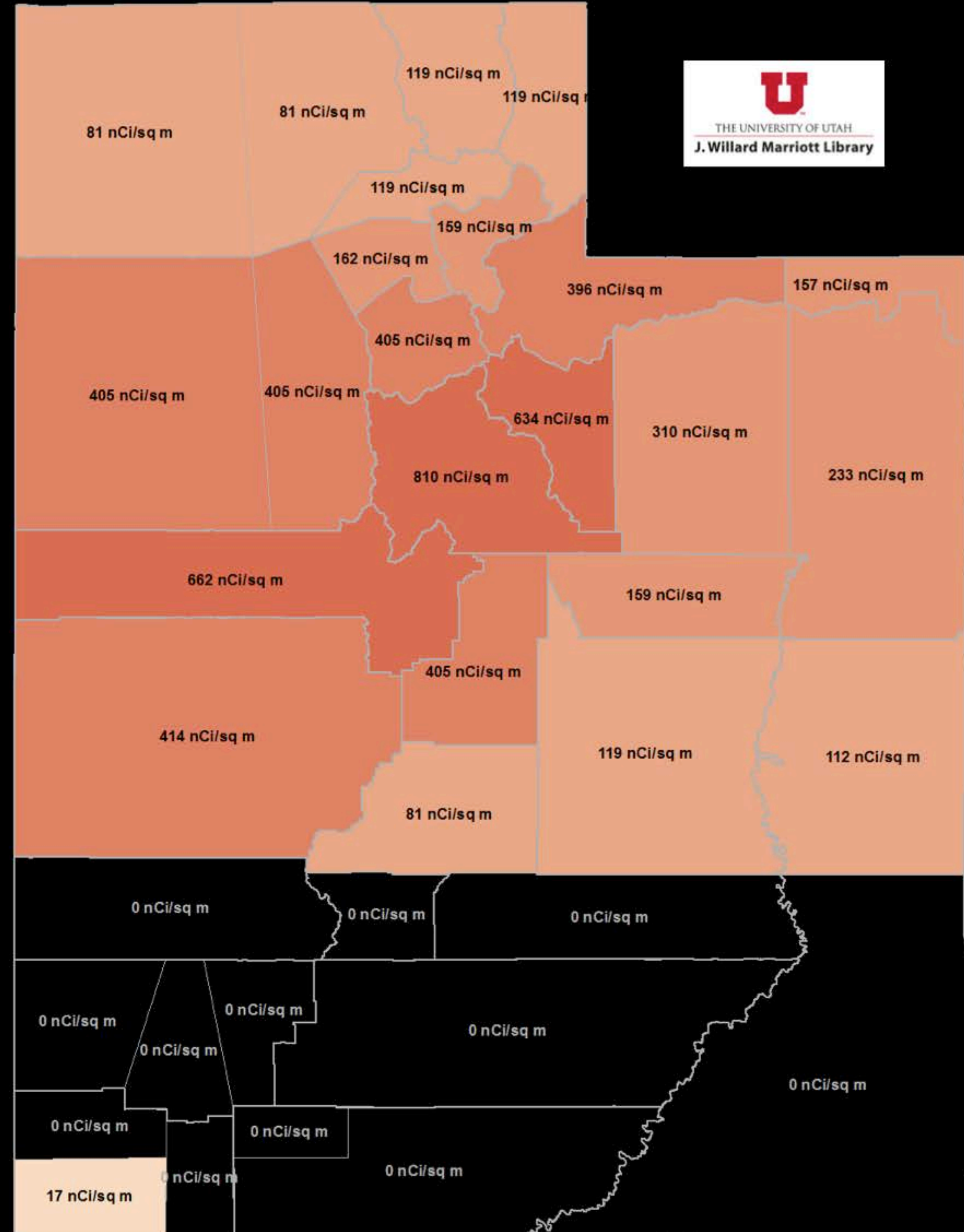
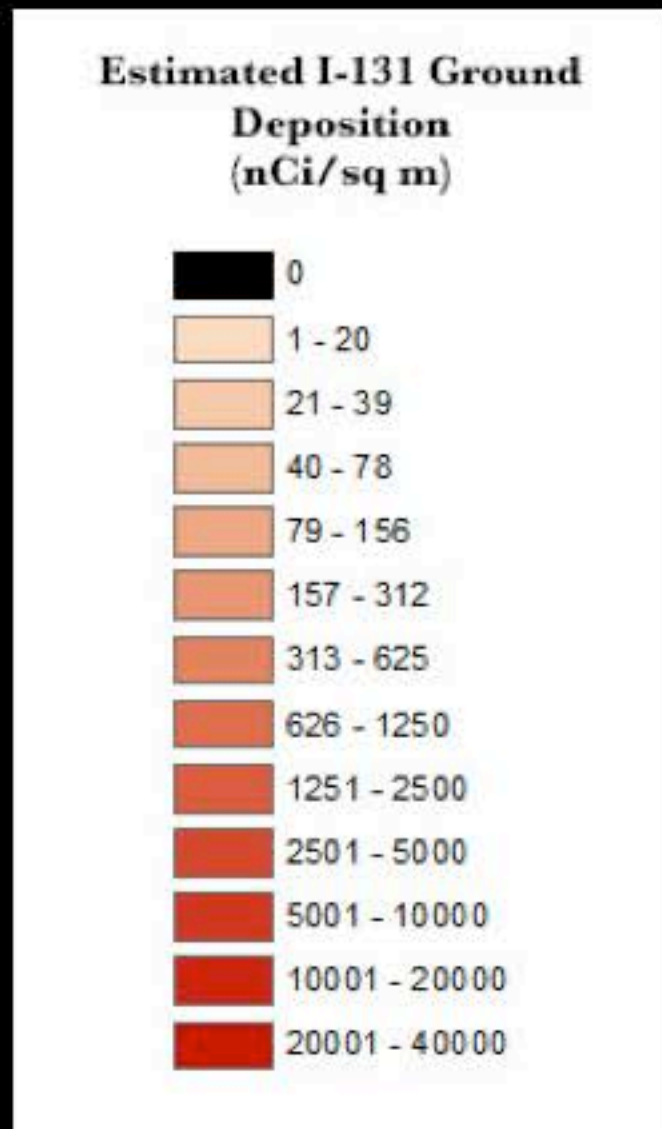
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Grand county @ 164 nCi/sq. m.

I-131 Ground Deposition Levels Reported for the Operation Plumbbob Diablo Event July 15, 1957



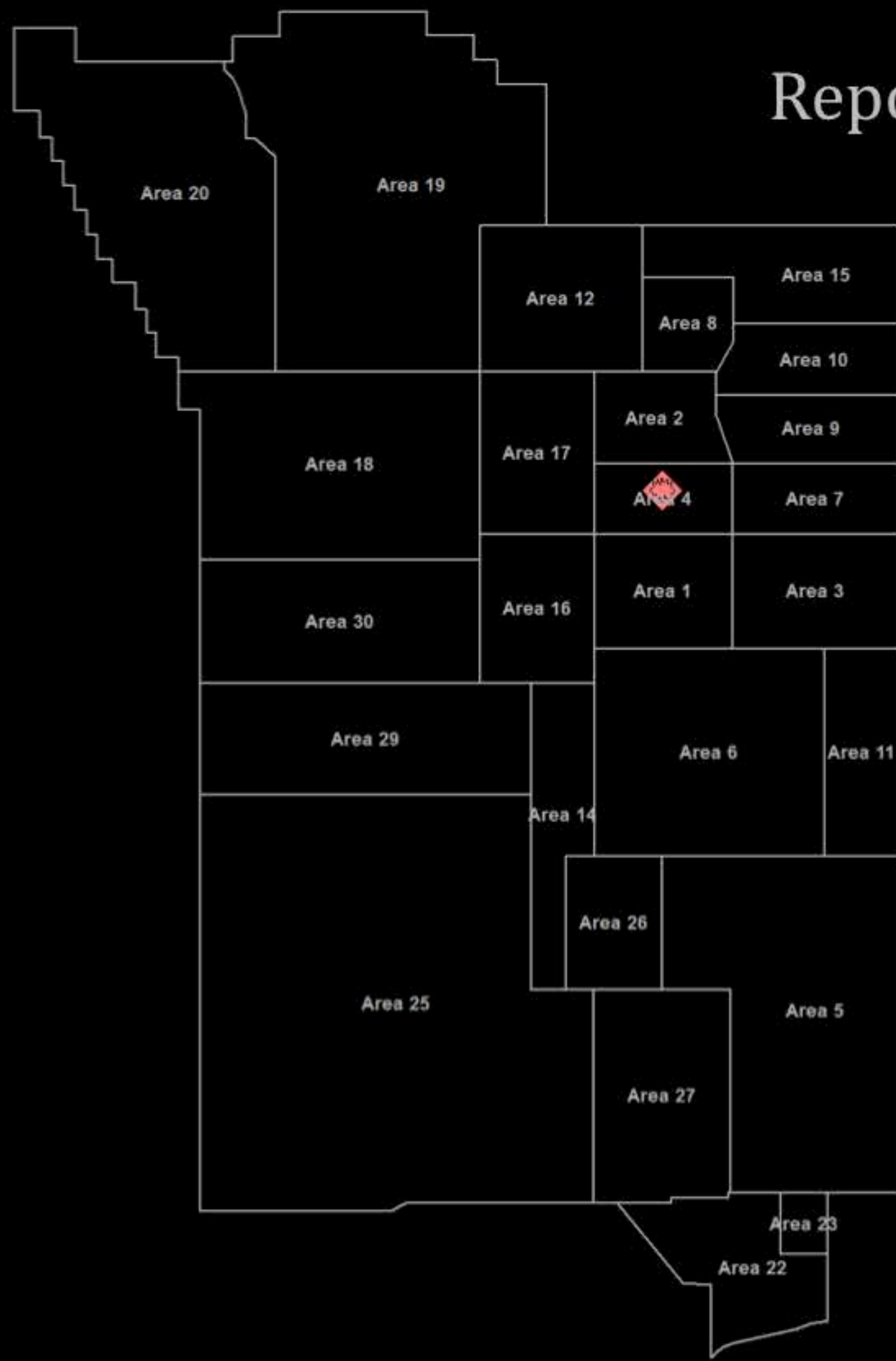
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Diablo occurred within Area 2 of the testing boundaries.



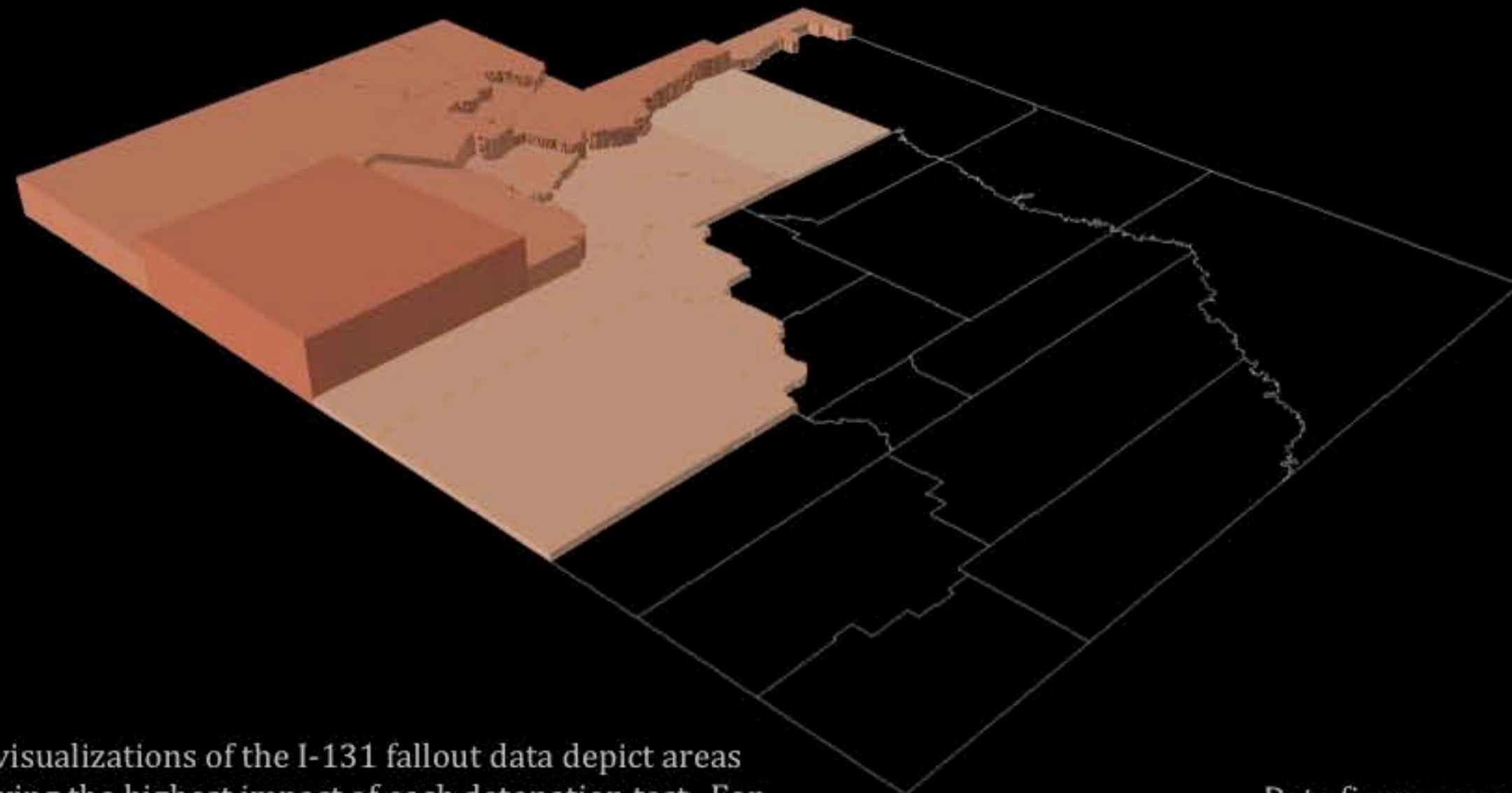
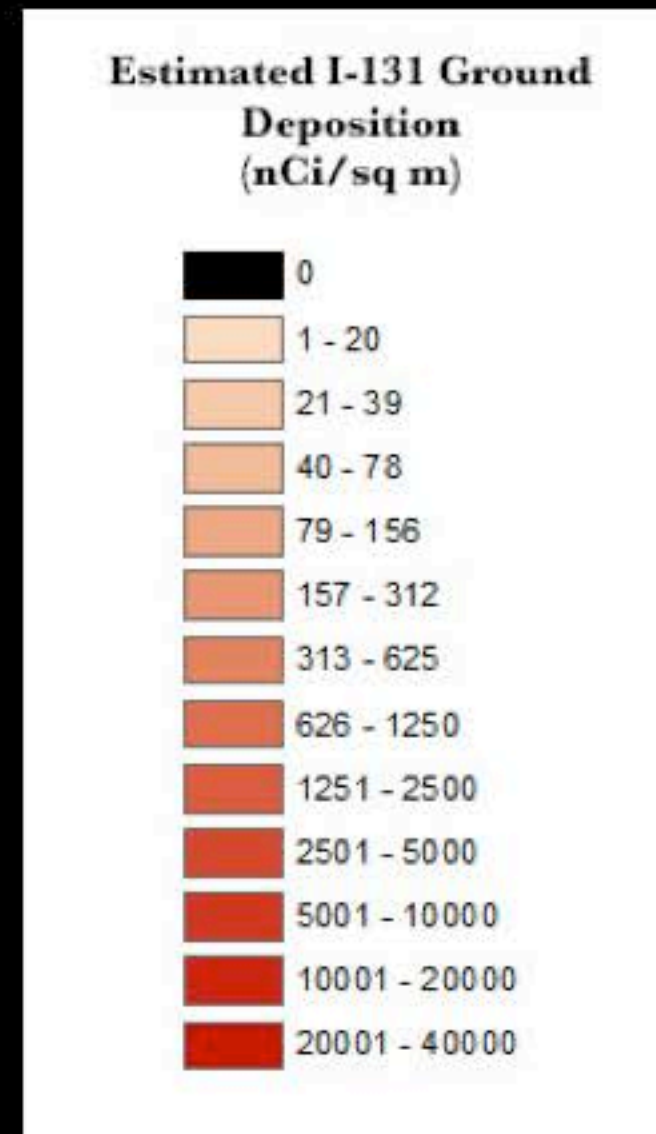
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Utah county @ 810 nCi/sq. m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

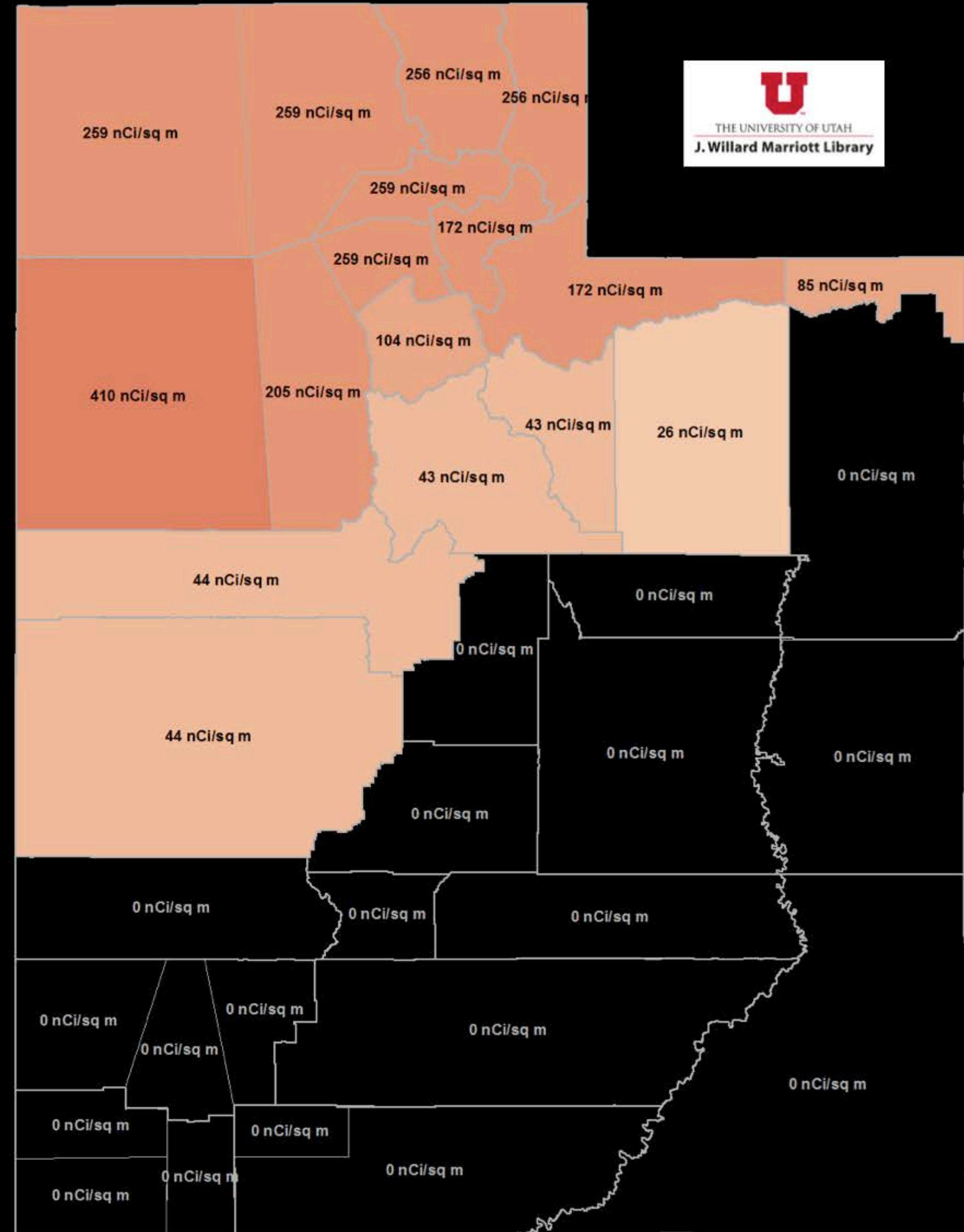
I-131 Ground Deposition Levels Reported for the Operation Plumbbob Kepler Event July 24, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Kepler occurred within Area 4 of the testing boundaries.

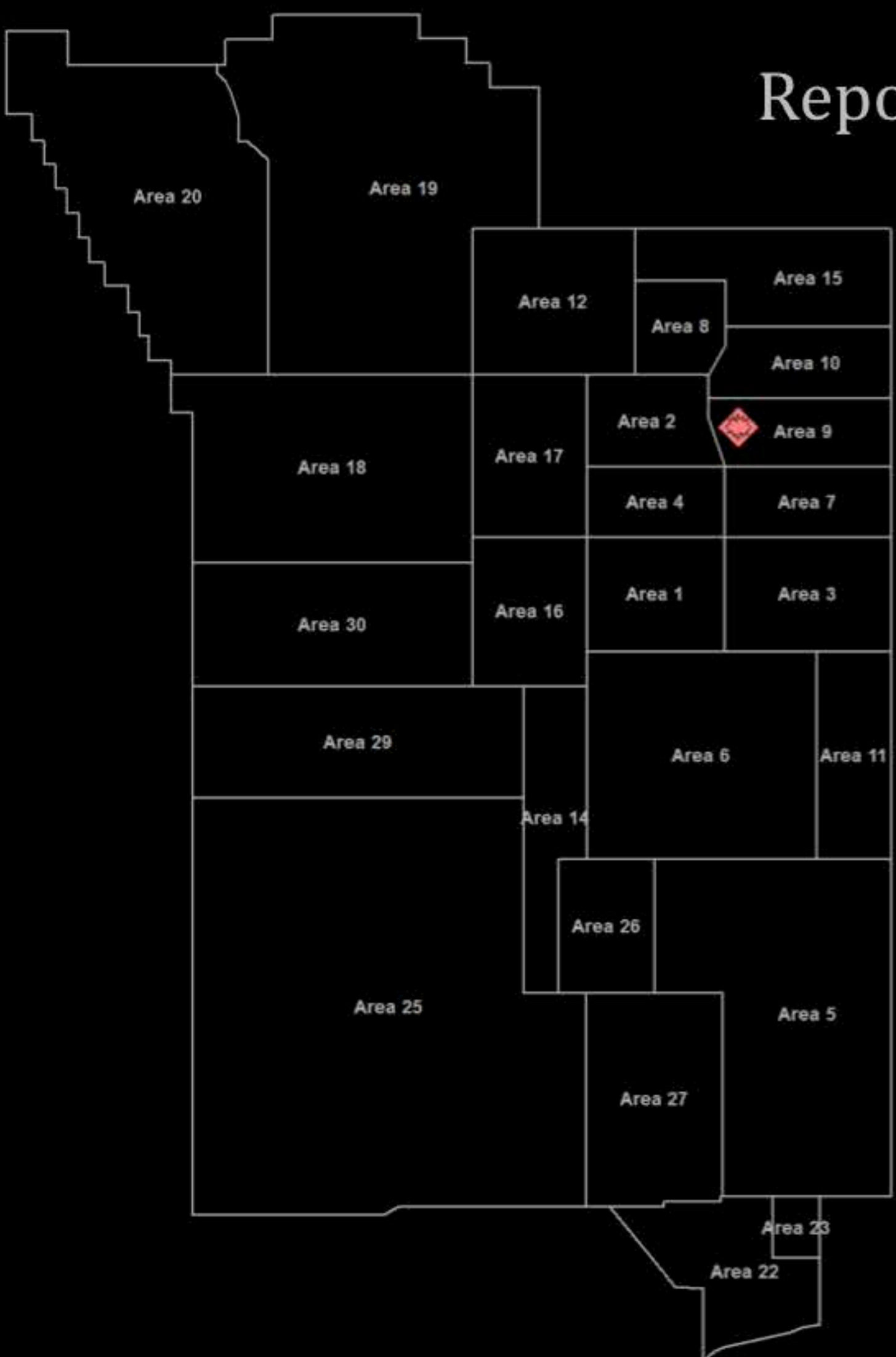


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Tooele county (NCI Zone 1) @ 410 nCi/sq. m.

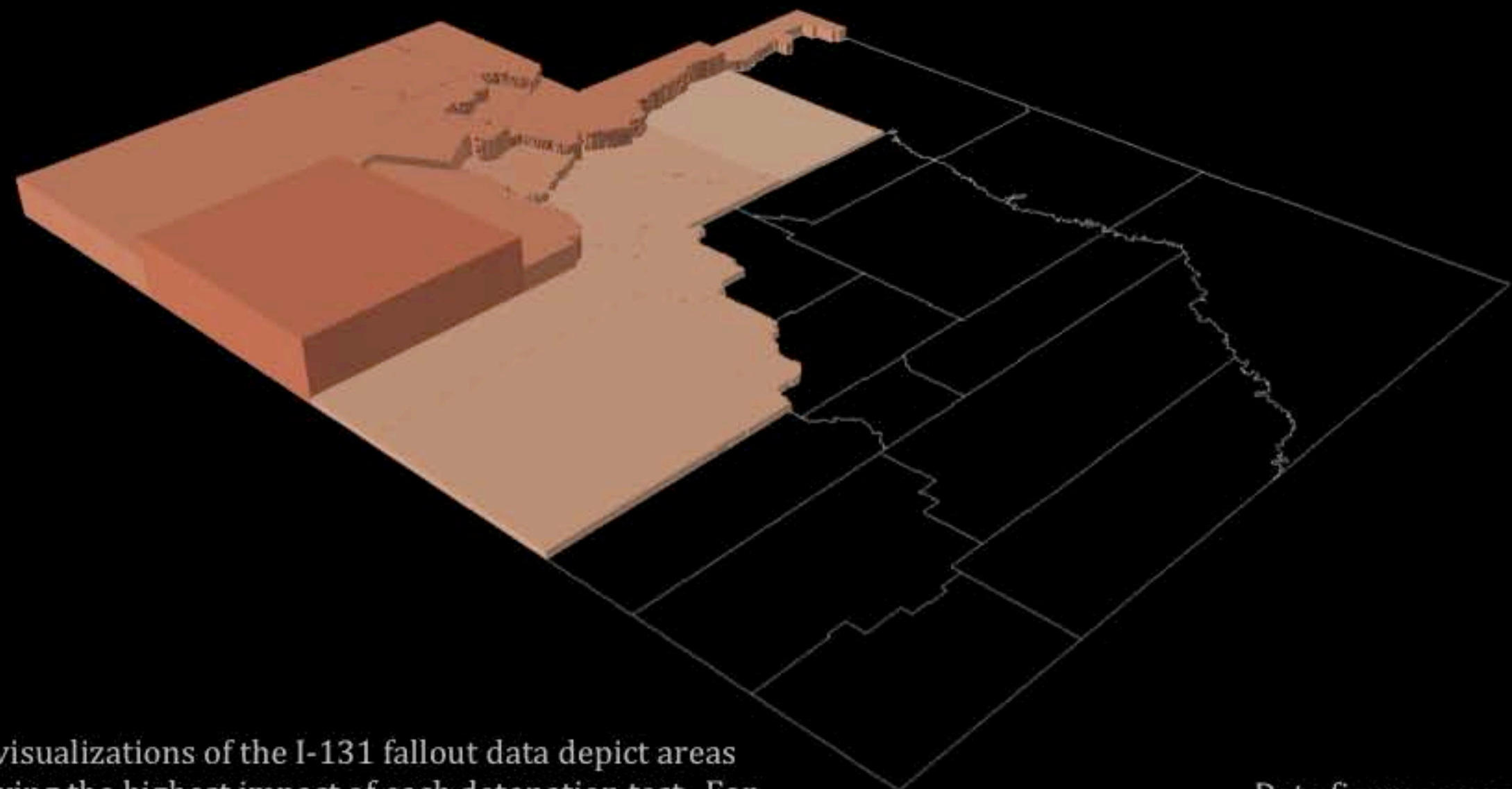
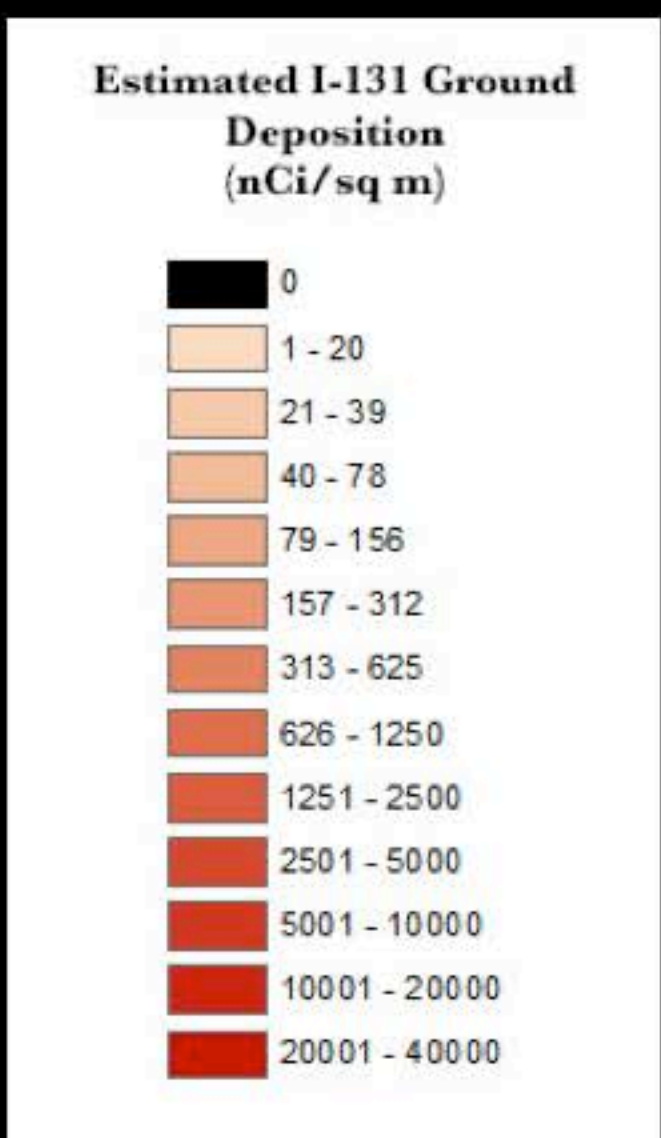


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

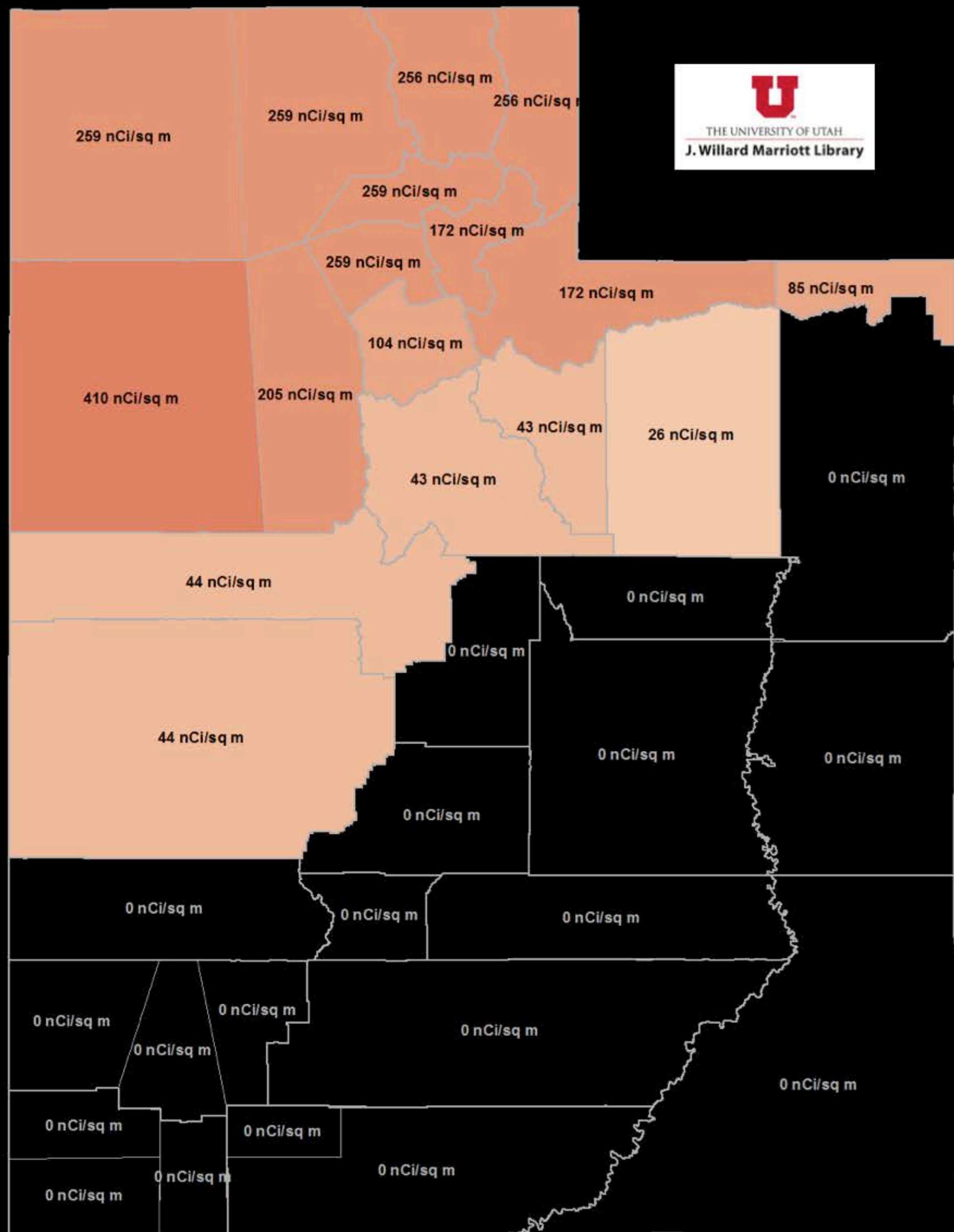
I-131 Ground Deposition Levels Reported for the Operation Plumbbob Owens Event July 25, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Owens occurred within Area 9 of the testing boundaries.

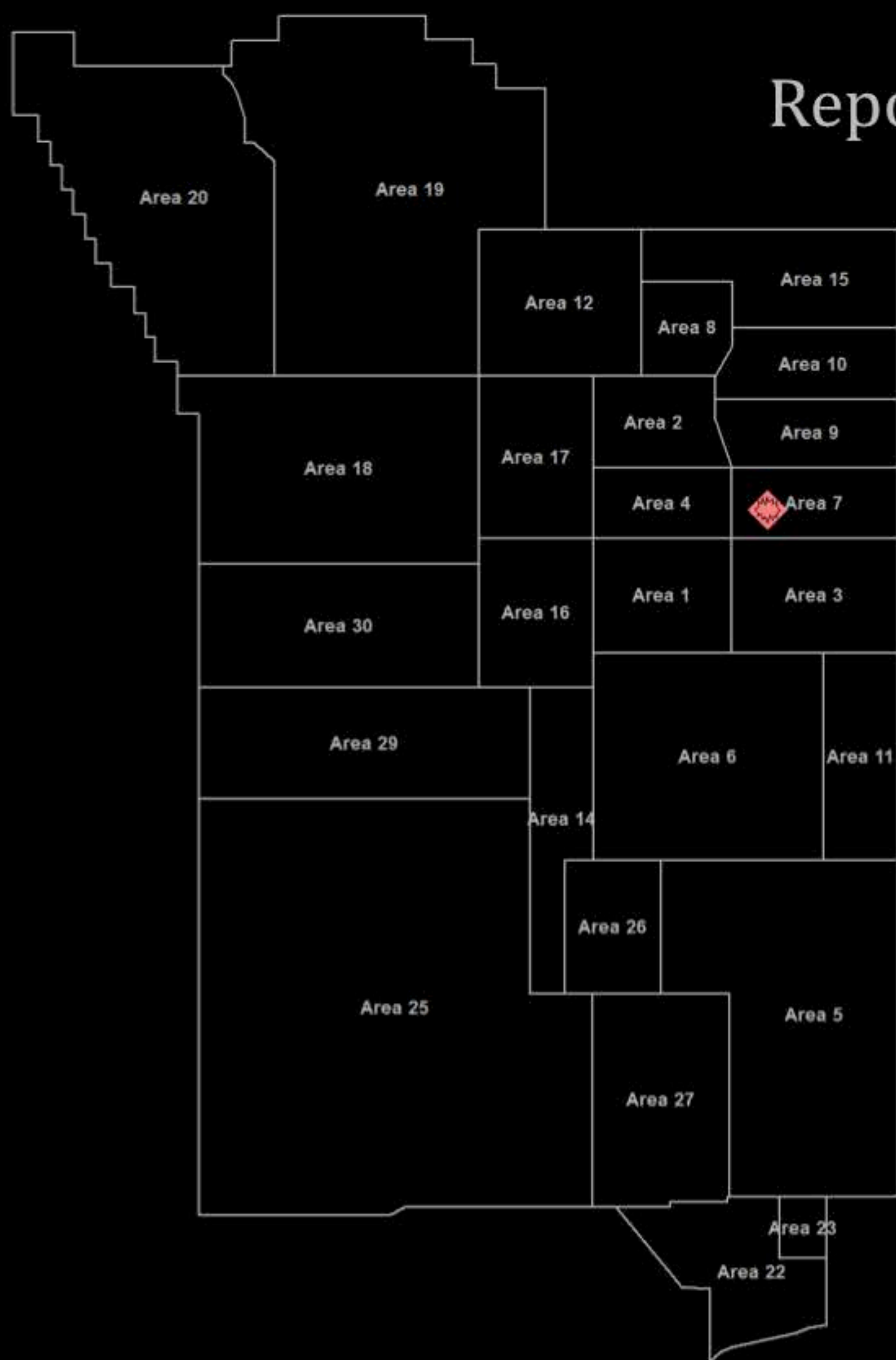


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Tooele county (NCI Zone 1) @ 410 nCi/sq. m.

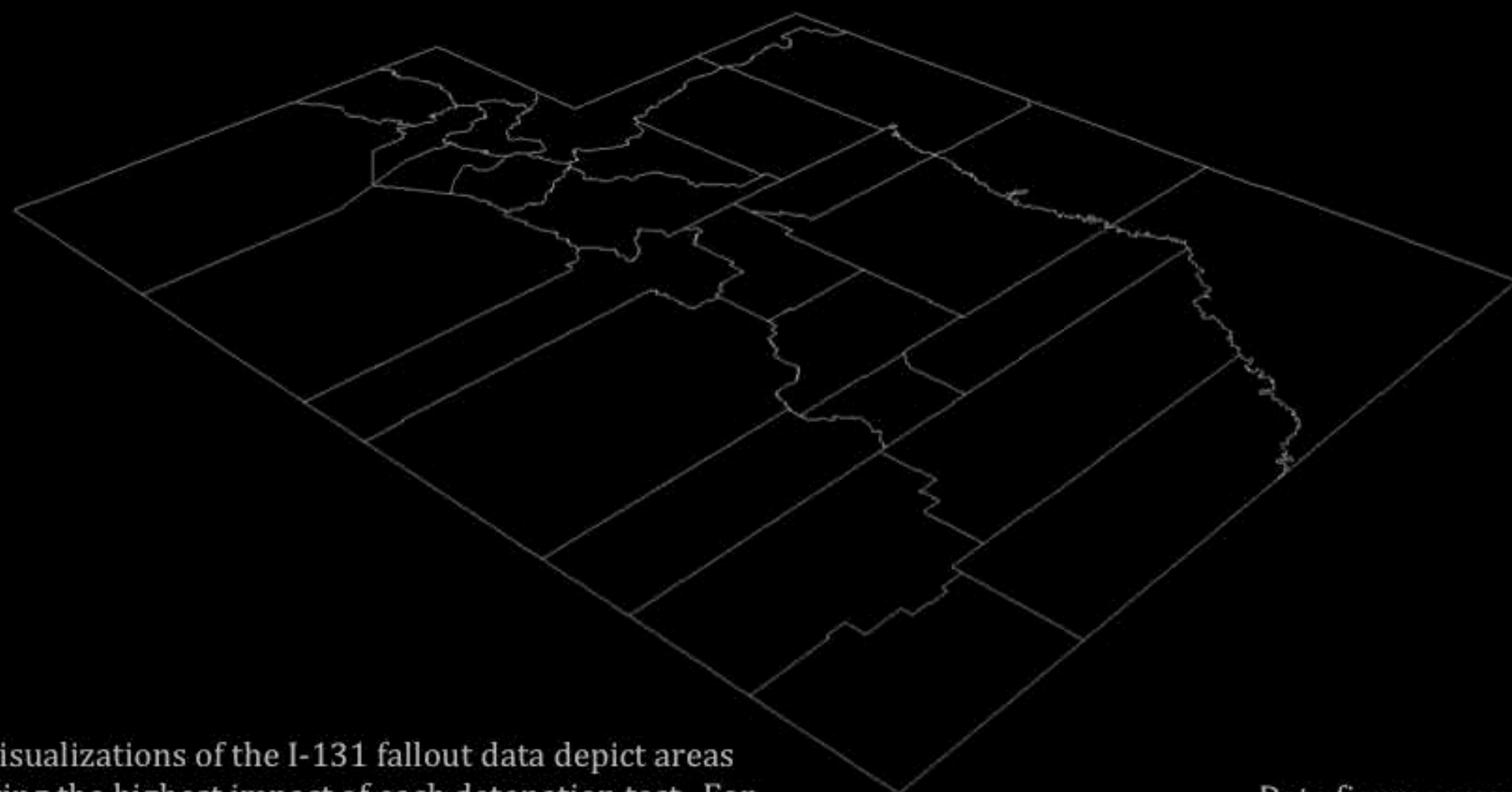
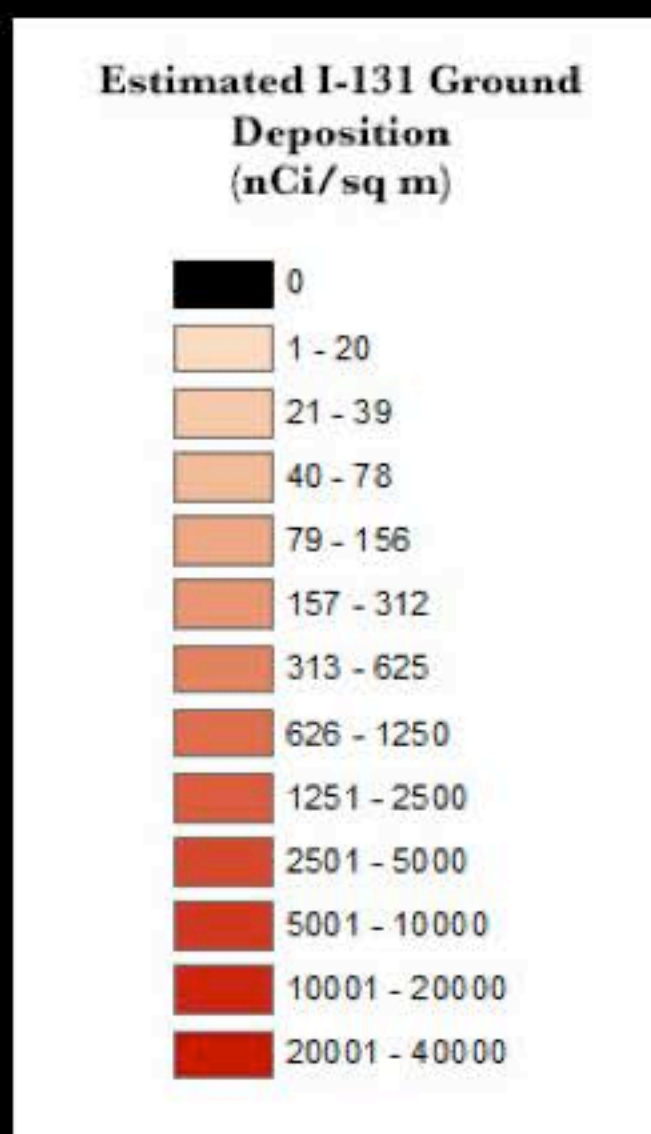


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Plumbbob Stokes Event August 7, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Stokes occurred within Area 7 of the testing boundaries.

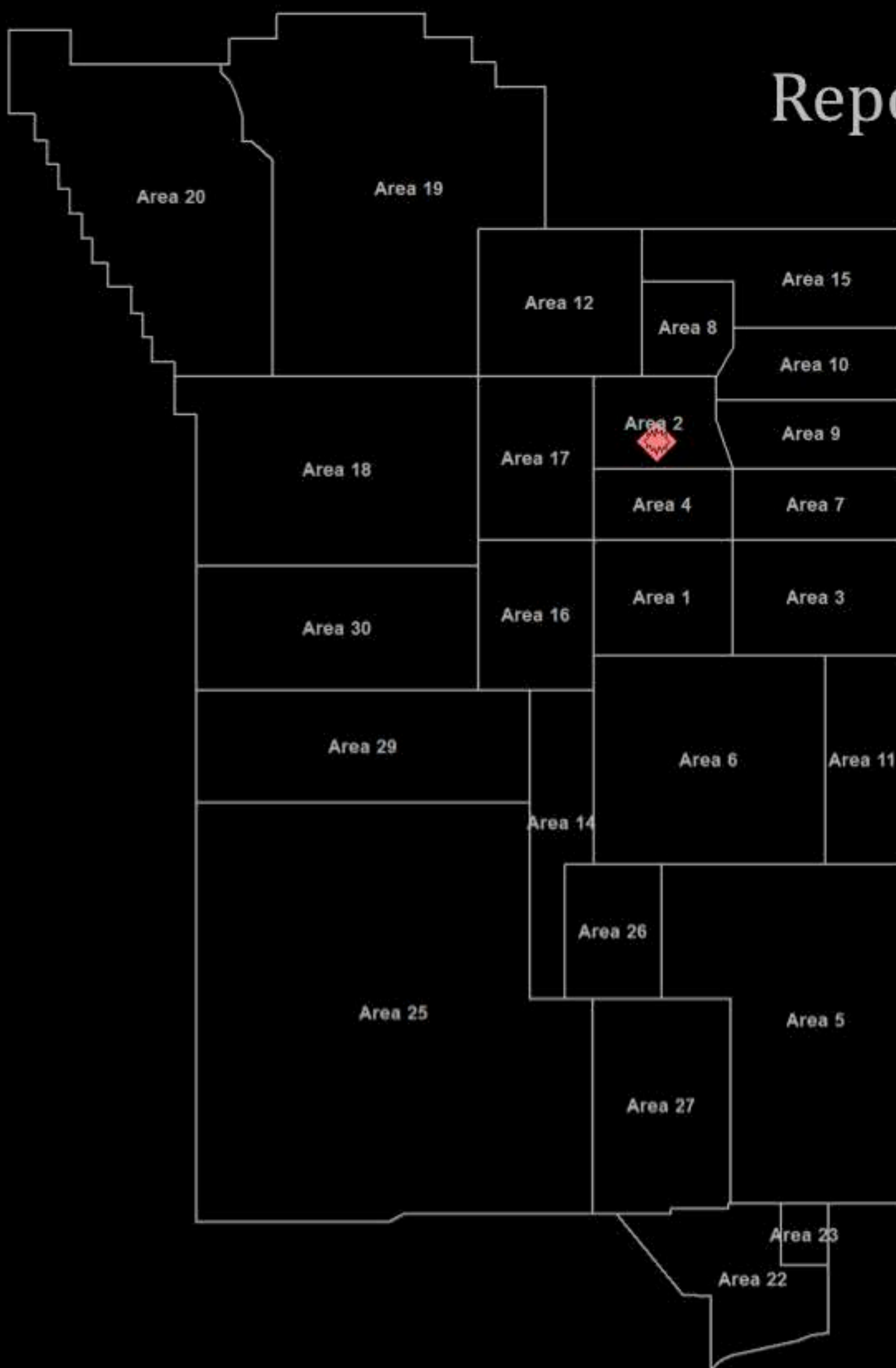


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

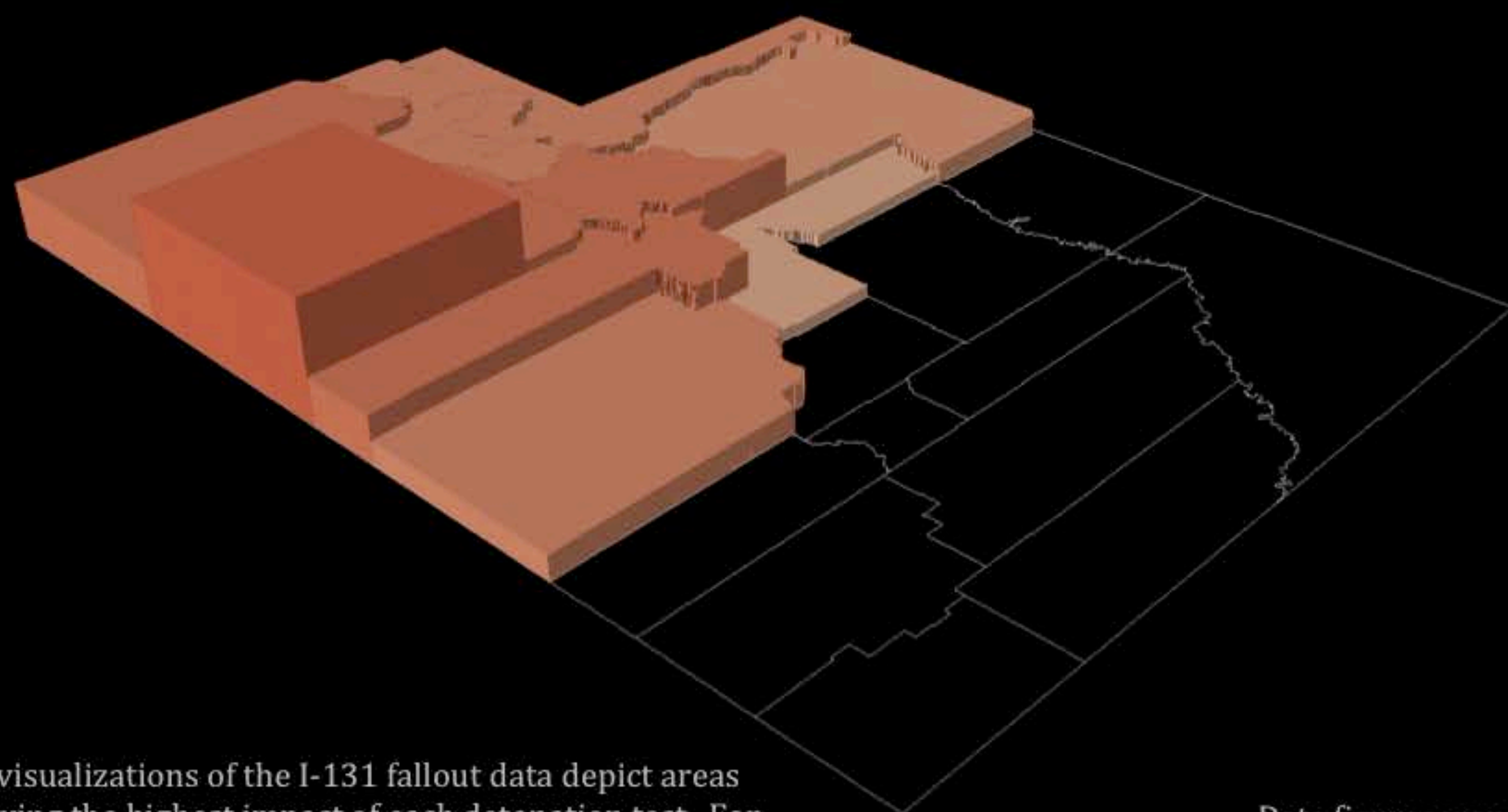
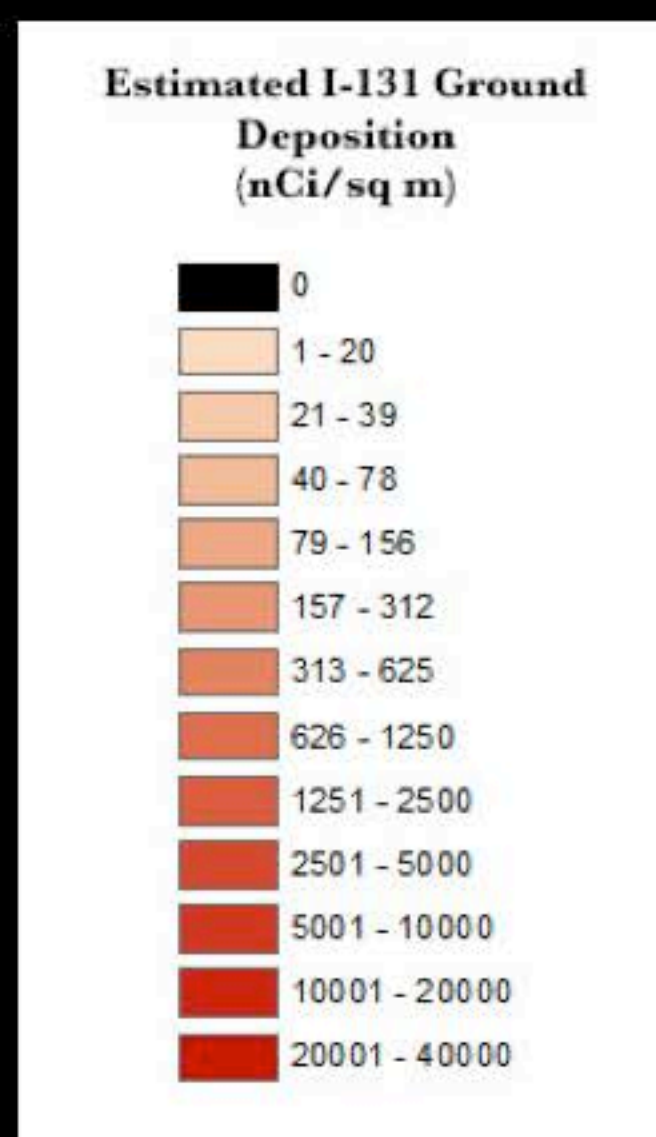


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

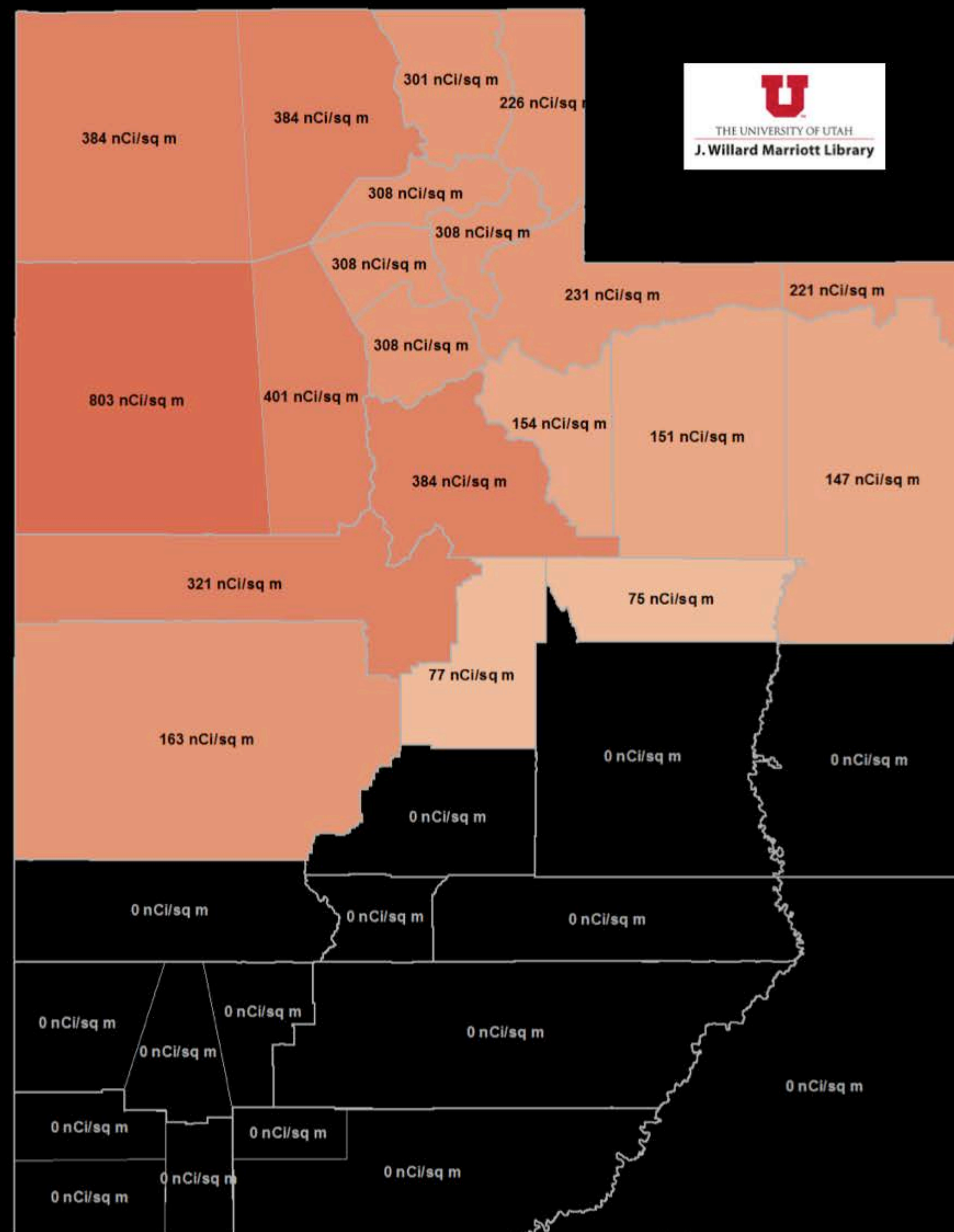
I-131 Ground Deposition Levels Reported for the Operation Plumbbob Shasta Event August 18, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Shasta occurred within Area 2 of the testing boundaries.

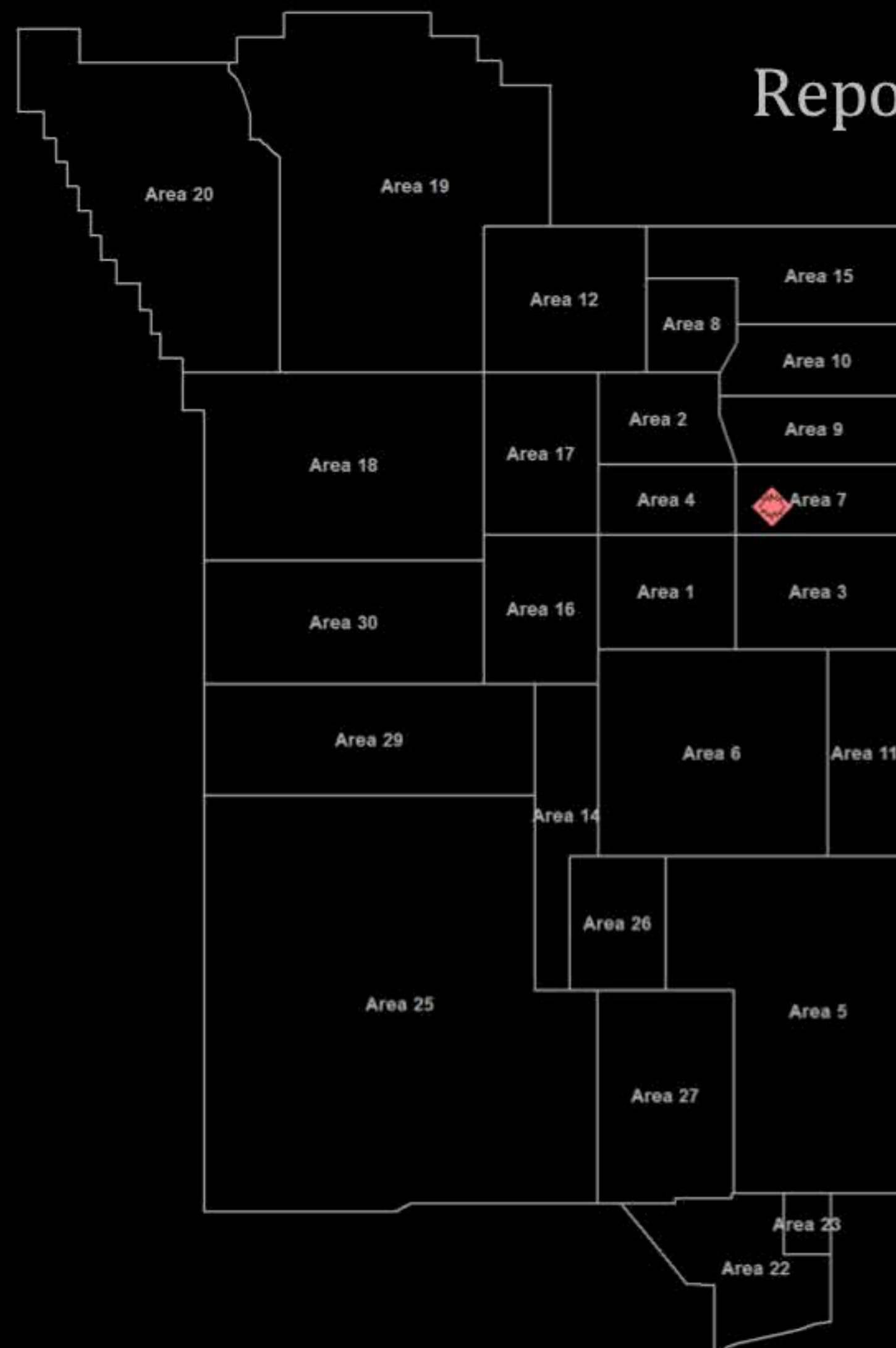


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Tooele county (NCI Zone 1) @ 803 nCi/sq. m.



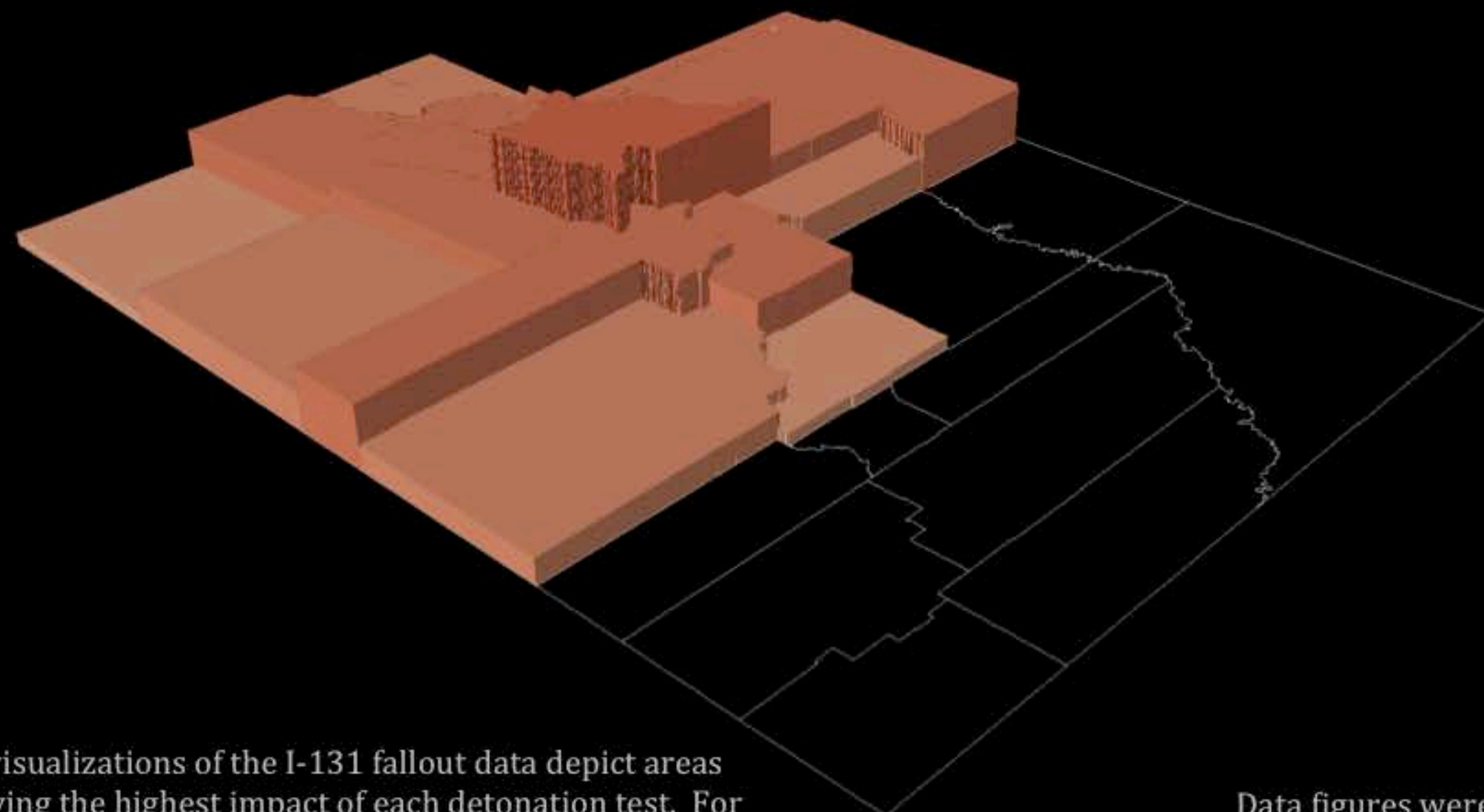
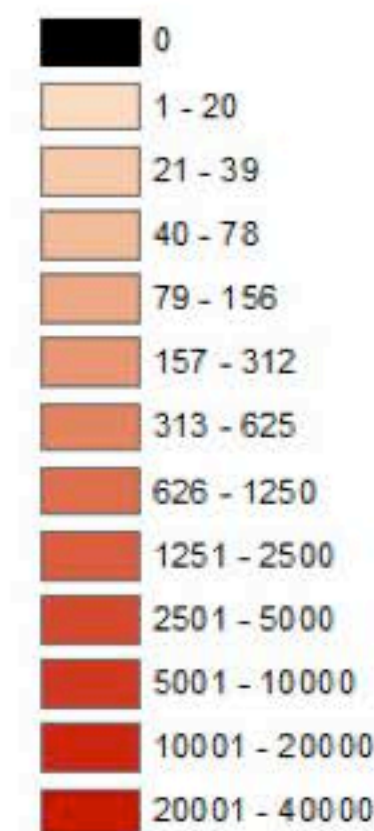
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Plumbbob Doppler Event August 23, 1957

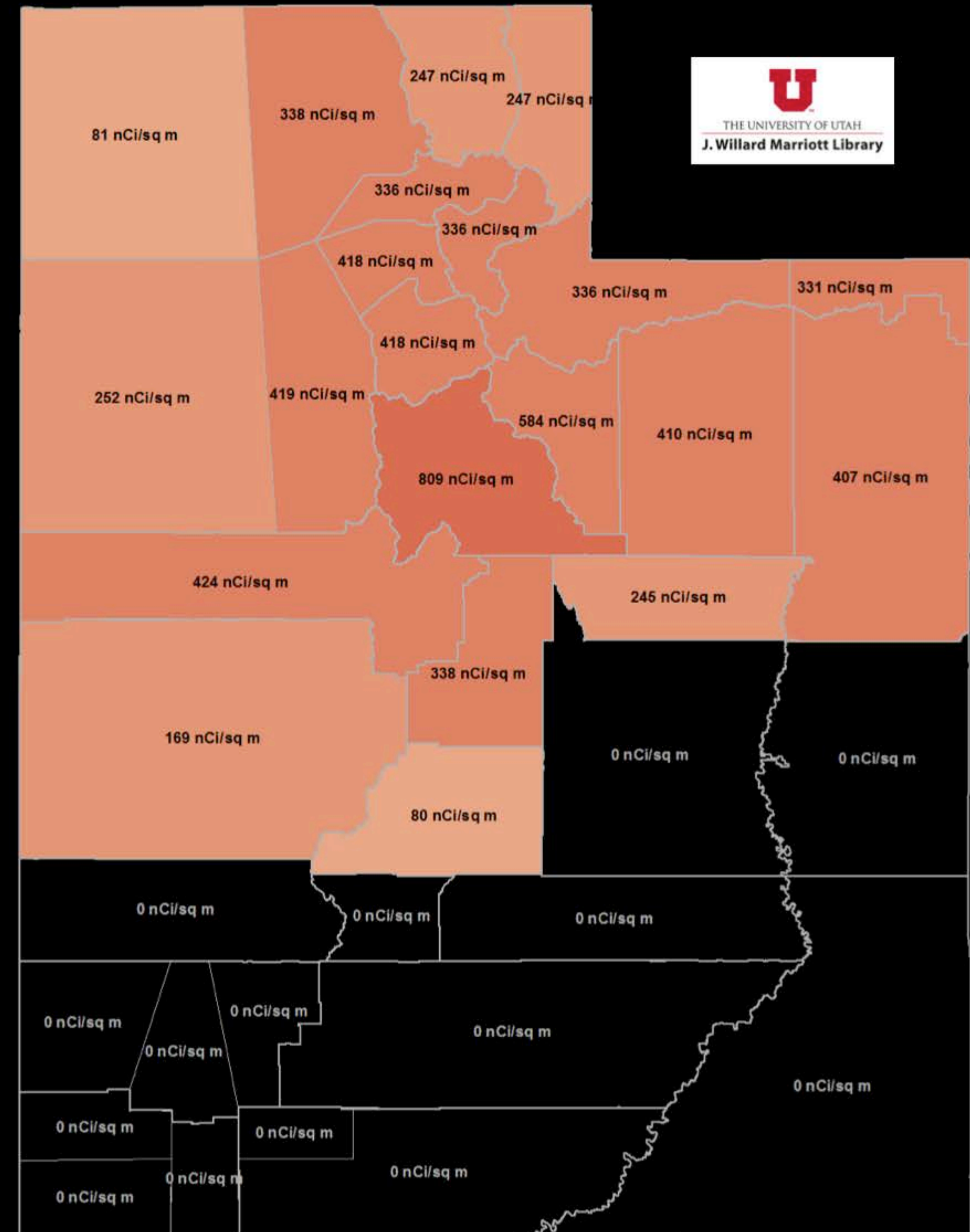


The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Doppler occurred within Area 7 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Utah county @ 809 nCi/sq. m.

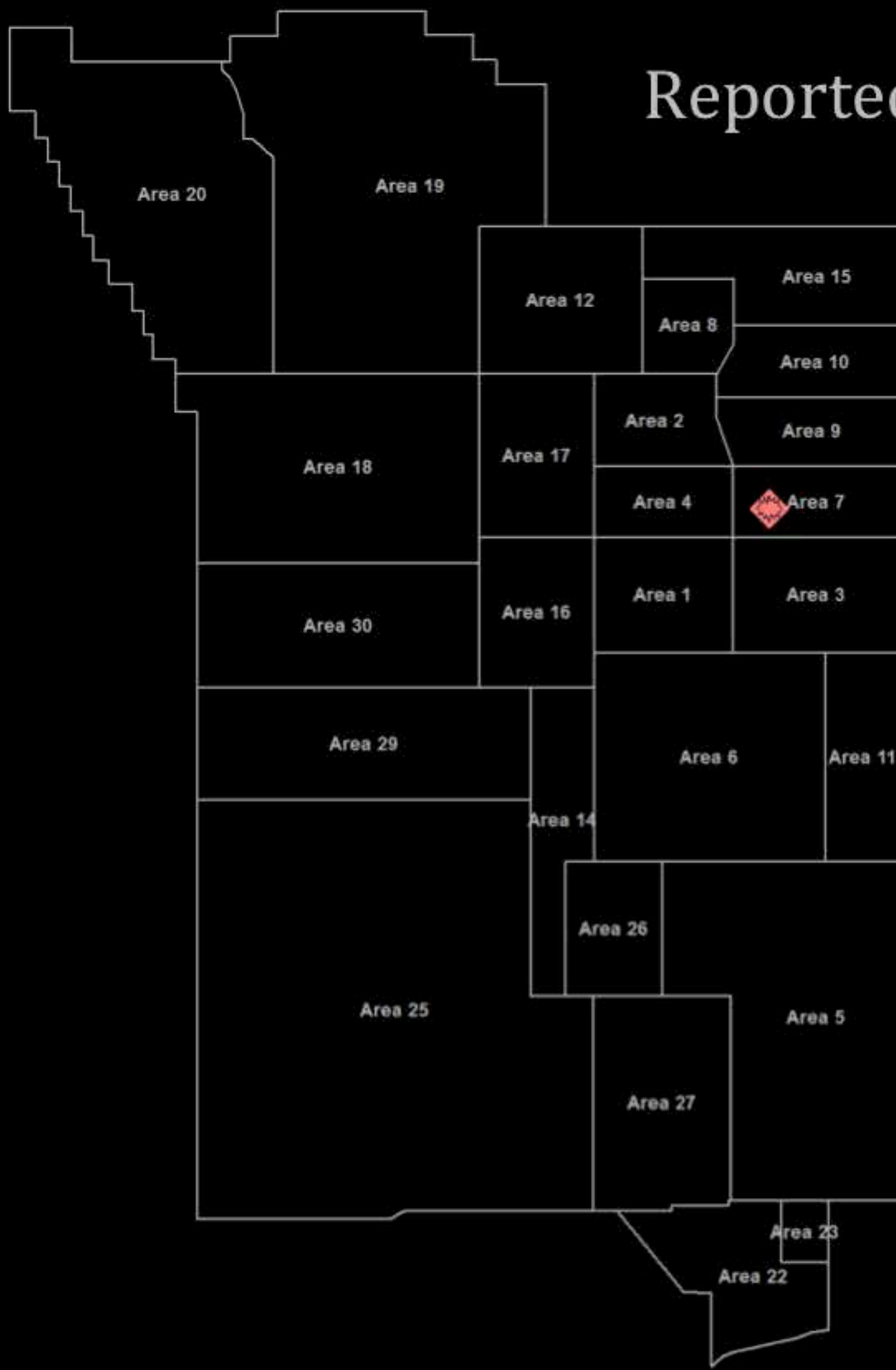


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

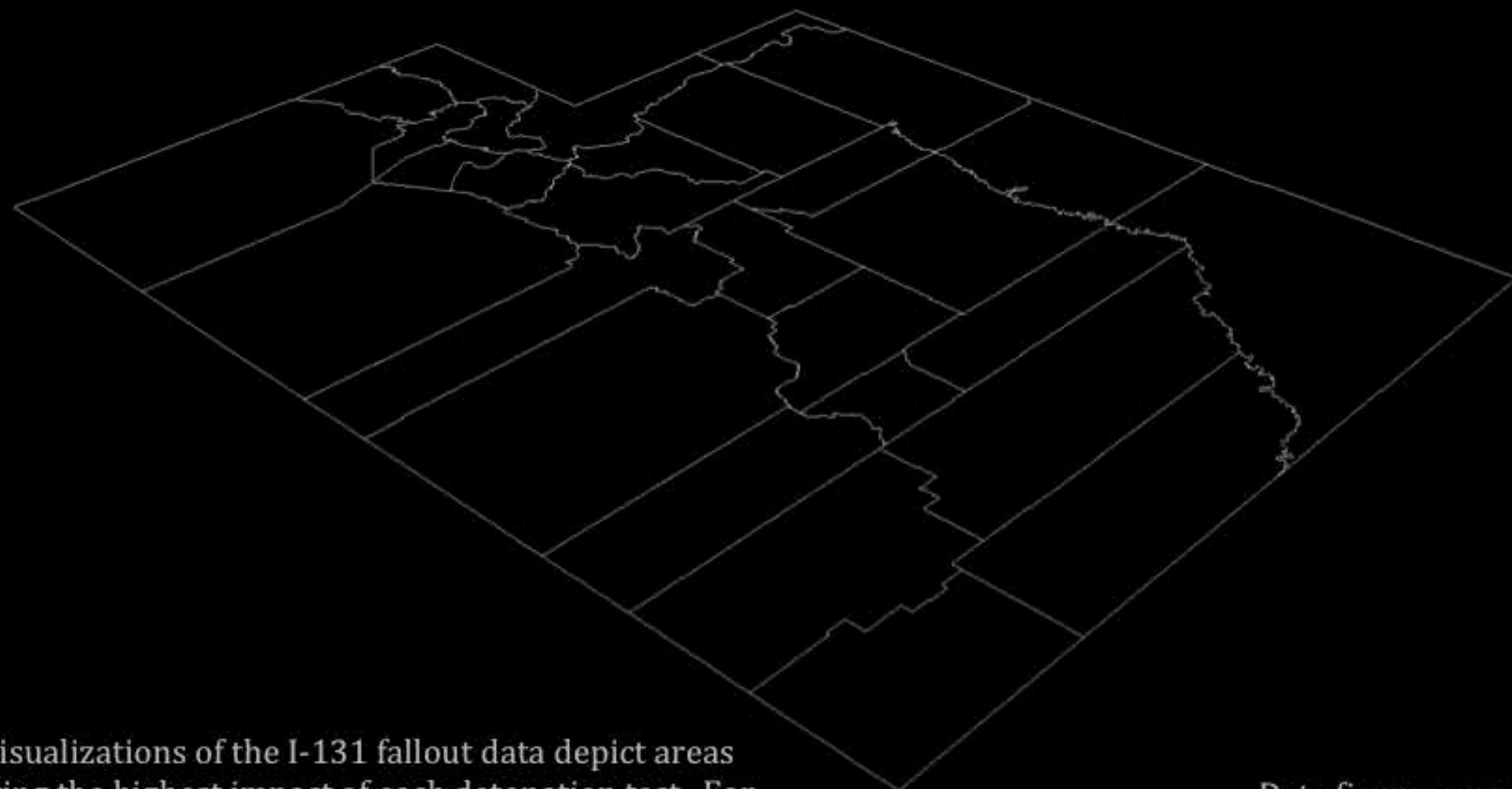
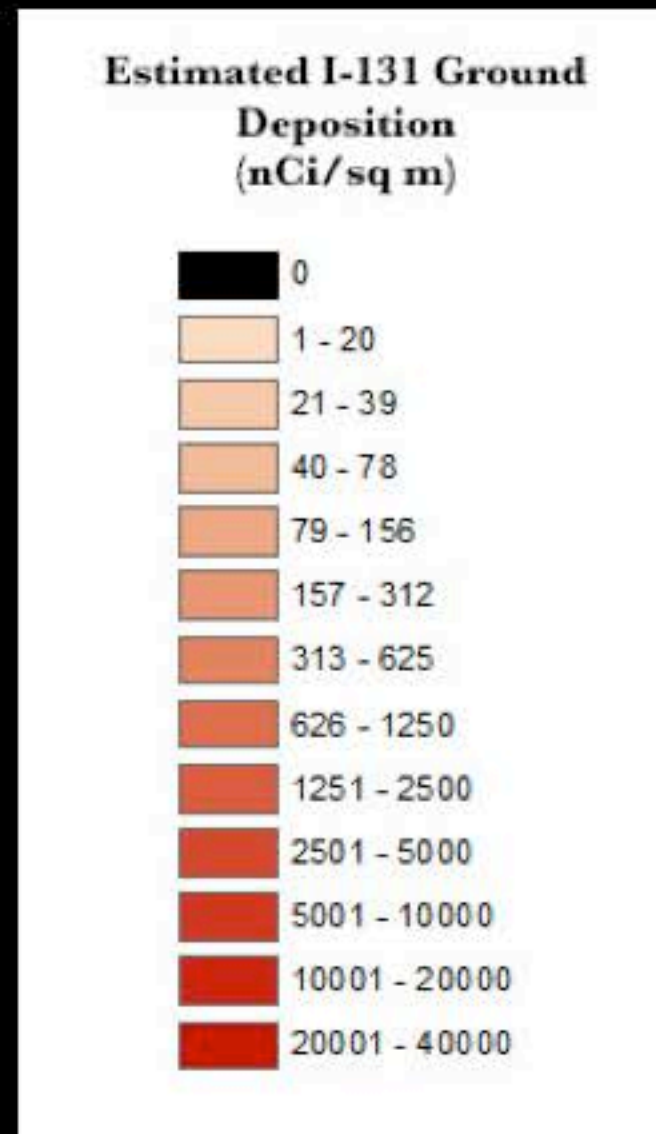
I-131 Ground Deposition Levels

Reported for the Operation Plumbbob Franklin Prime Event

August 30, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Franklin Prime occurred within Area 7 of the testing boundaries.

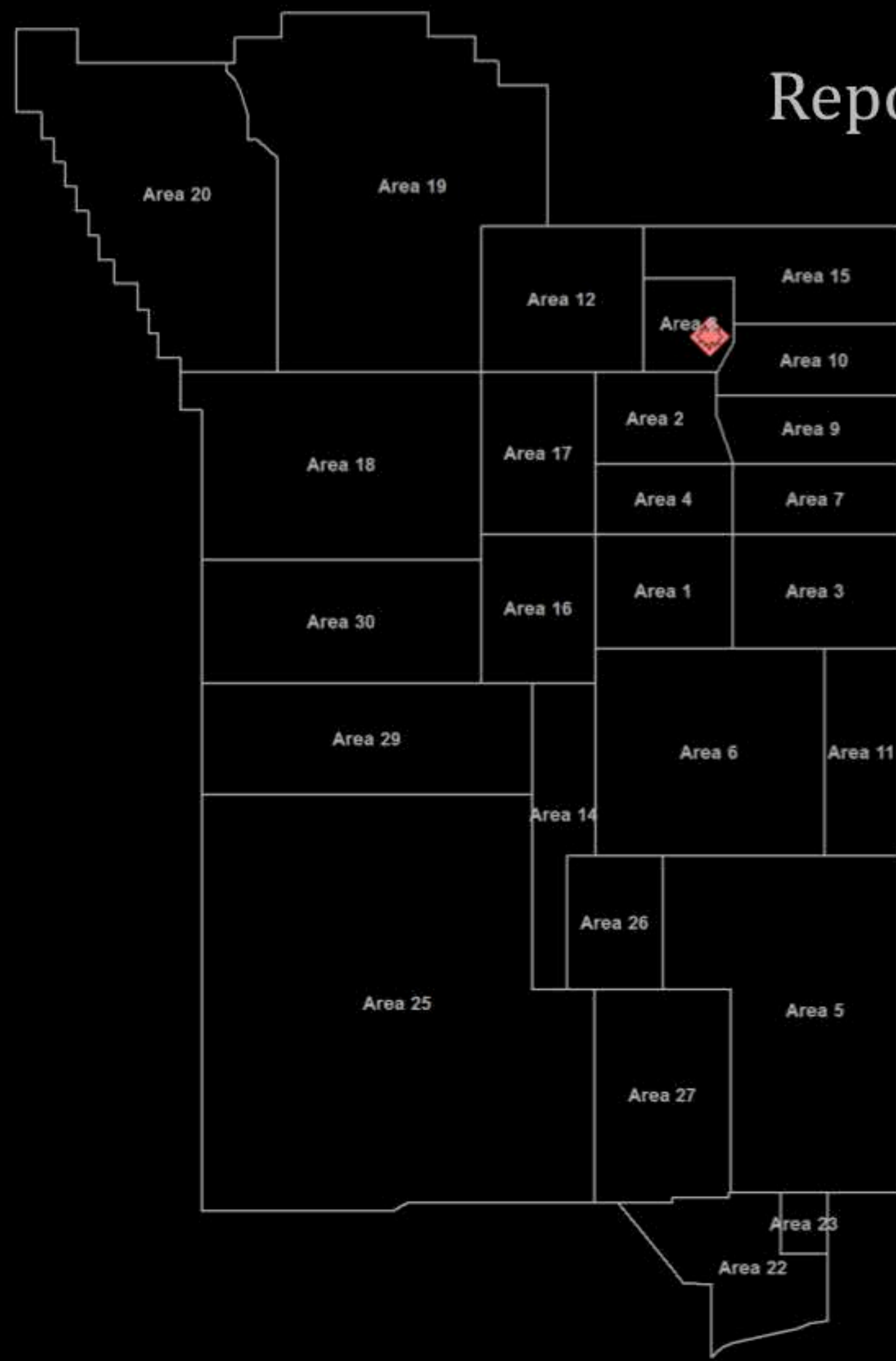


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.



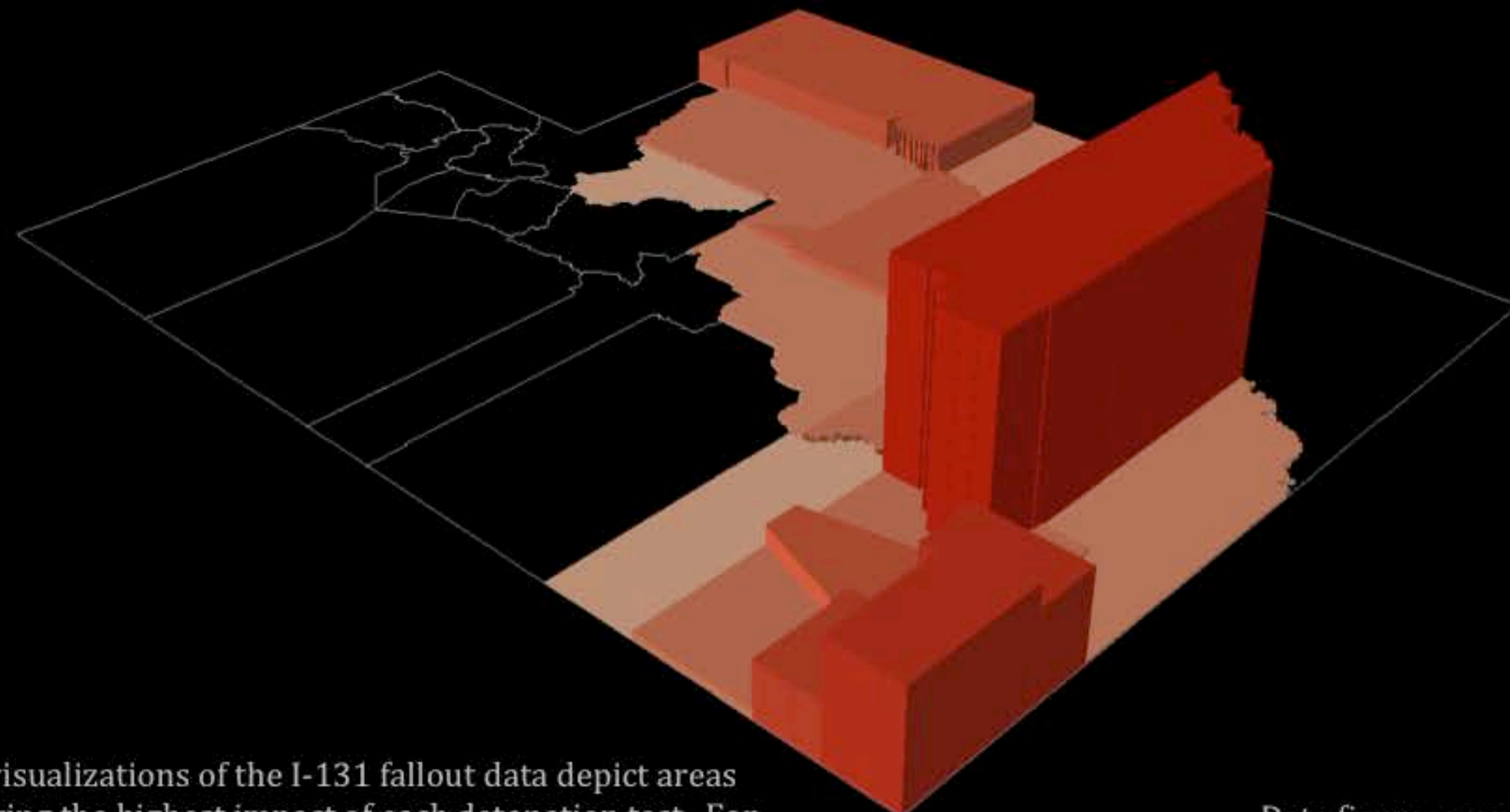
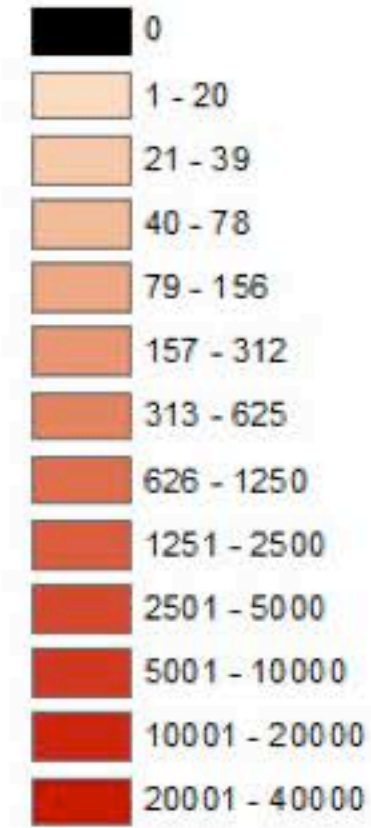
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Plumbbob Smoky Event August 31, 1957

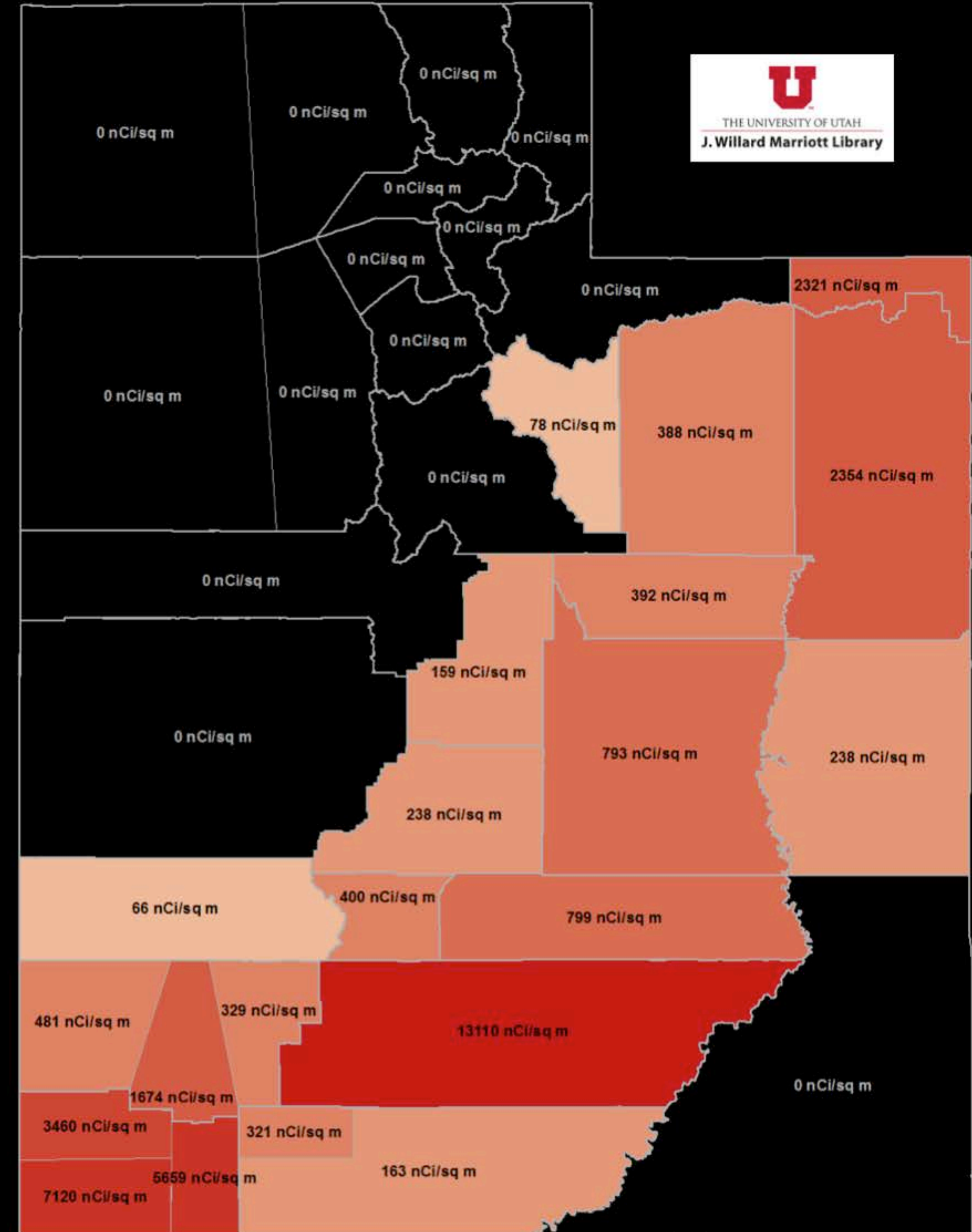


The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Smoky occurred within Area 8 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)

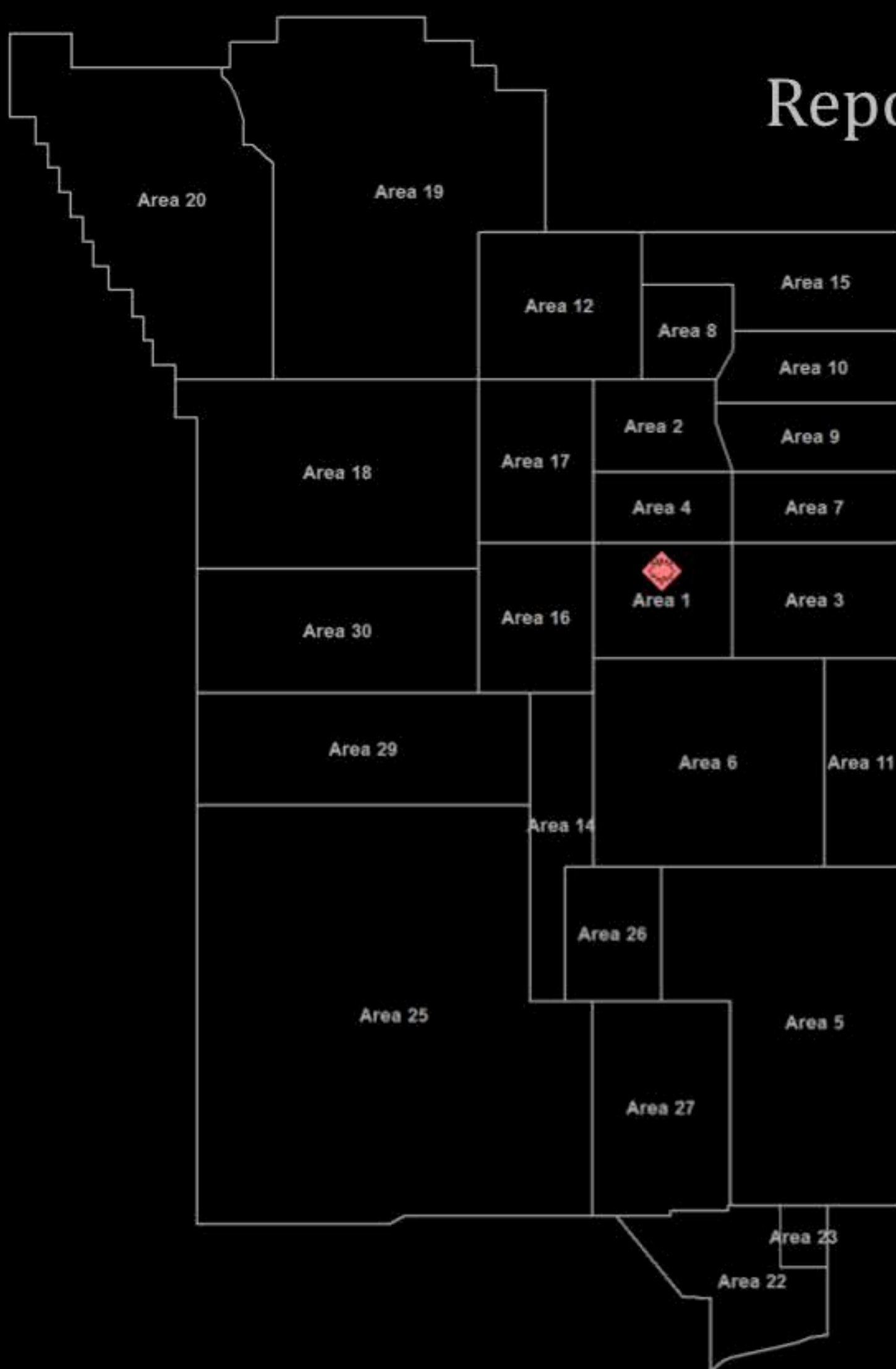


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Garfield county @ 13,110 nCi/sq. m.

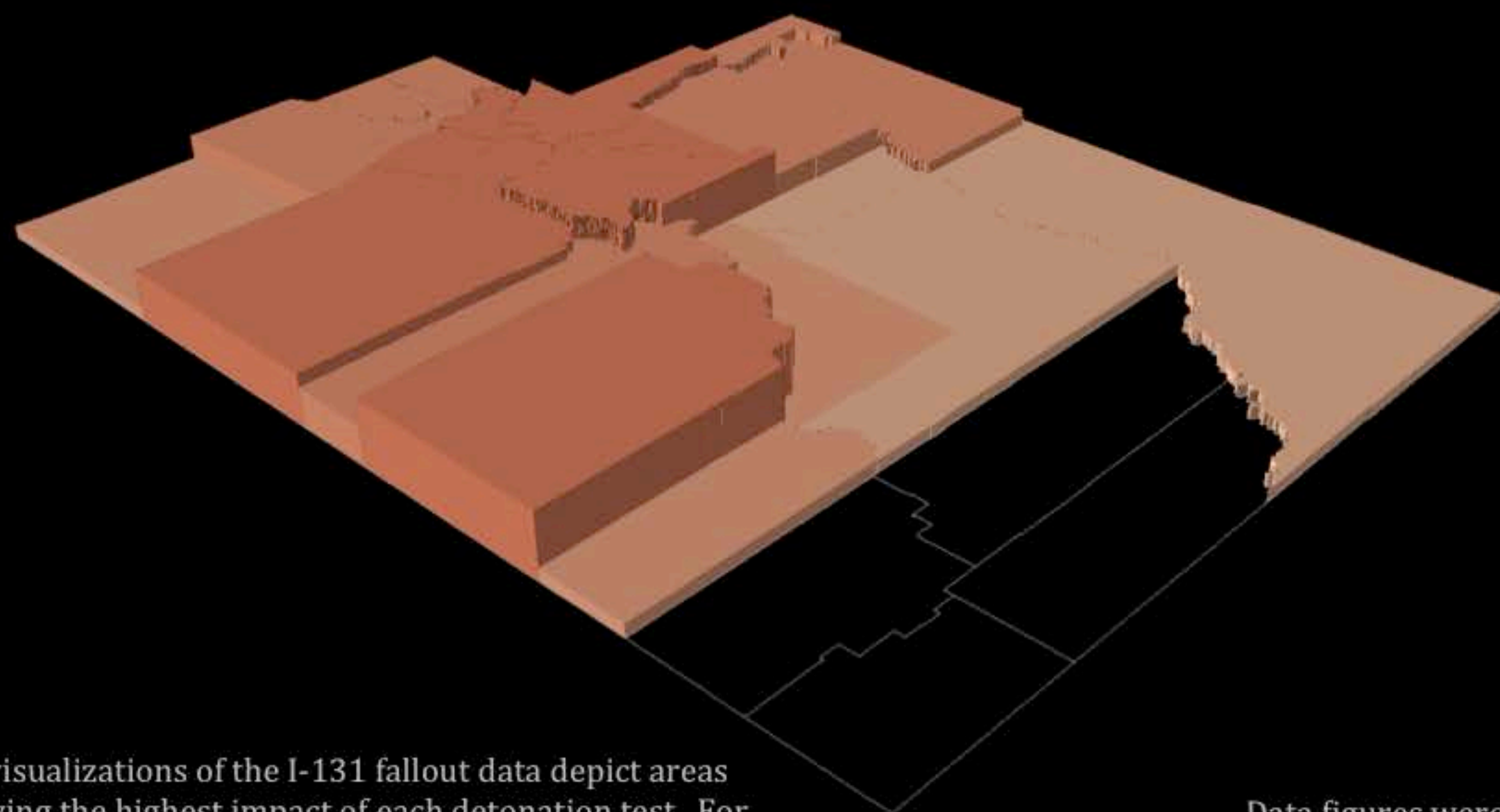
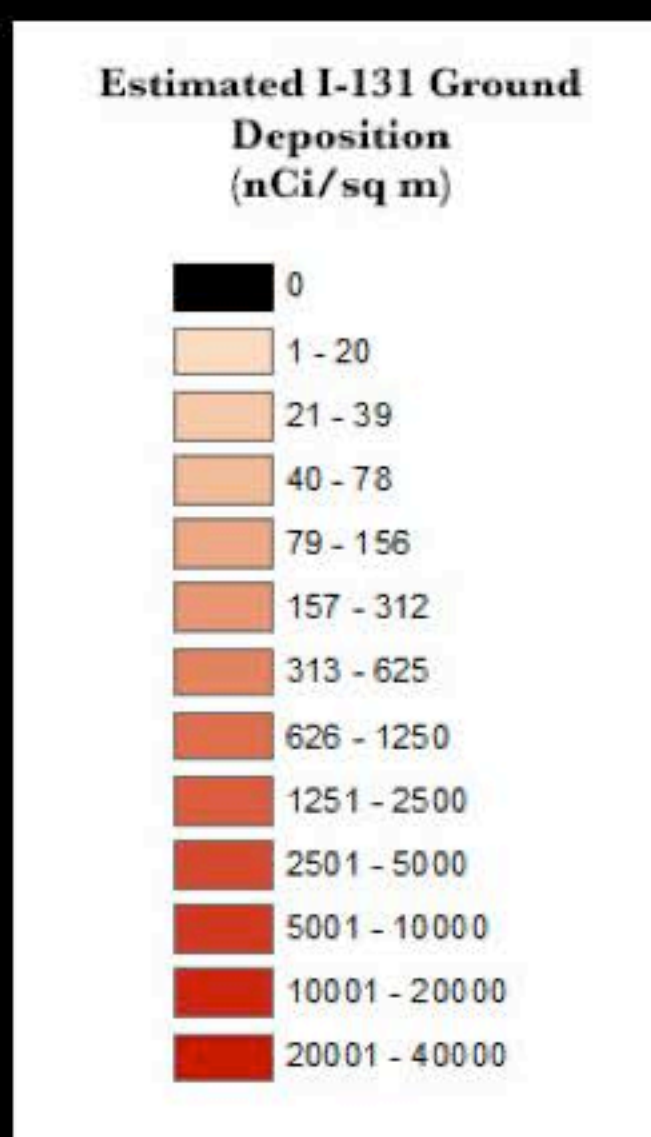


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

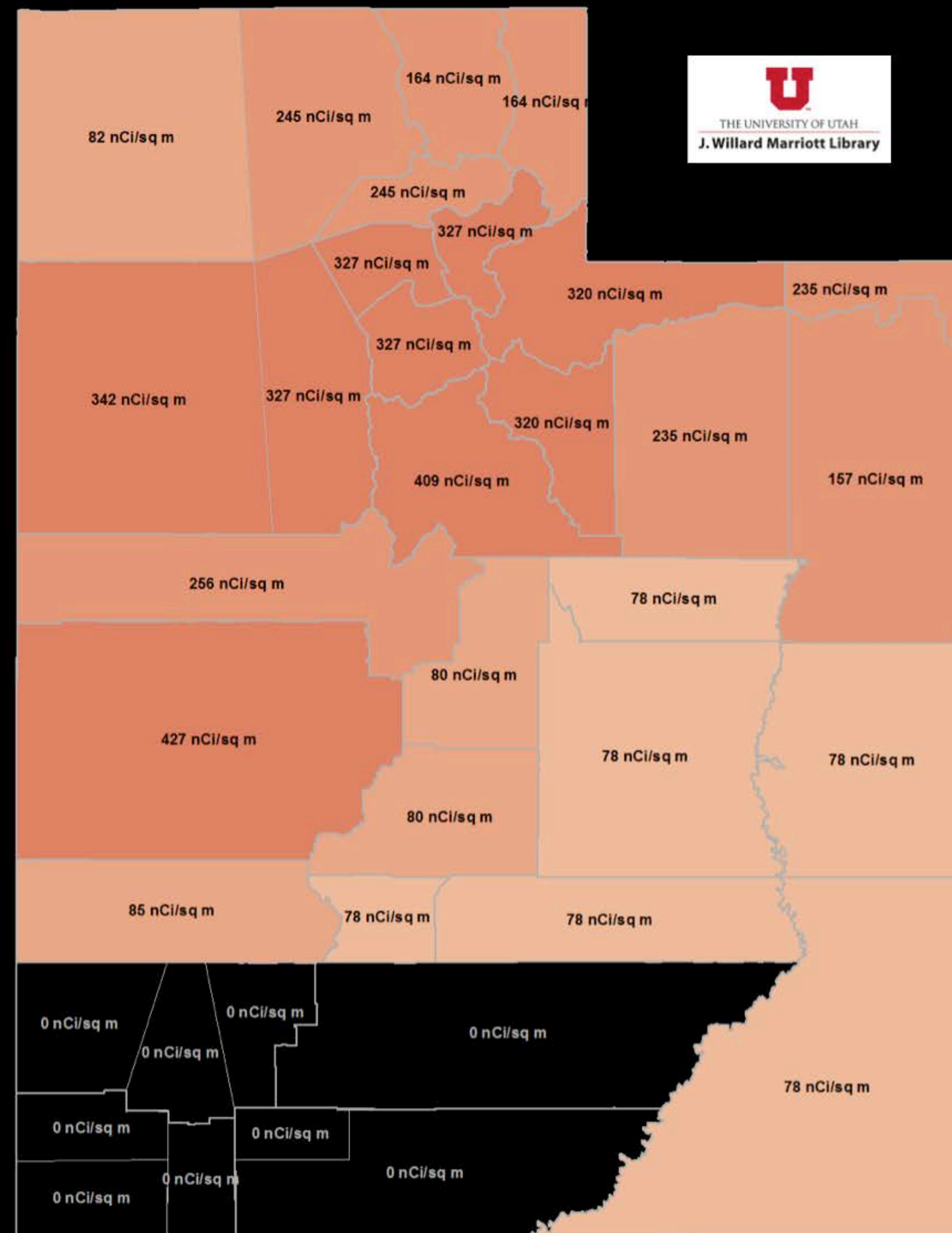
I-131 Ground Deposition Levels Reported for the Operation Plumbbob Galileo Event September 2, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Galileo occurred within Area 1 of the testing boundaries.

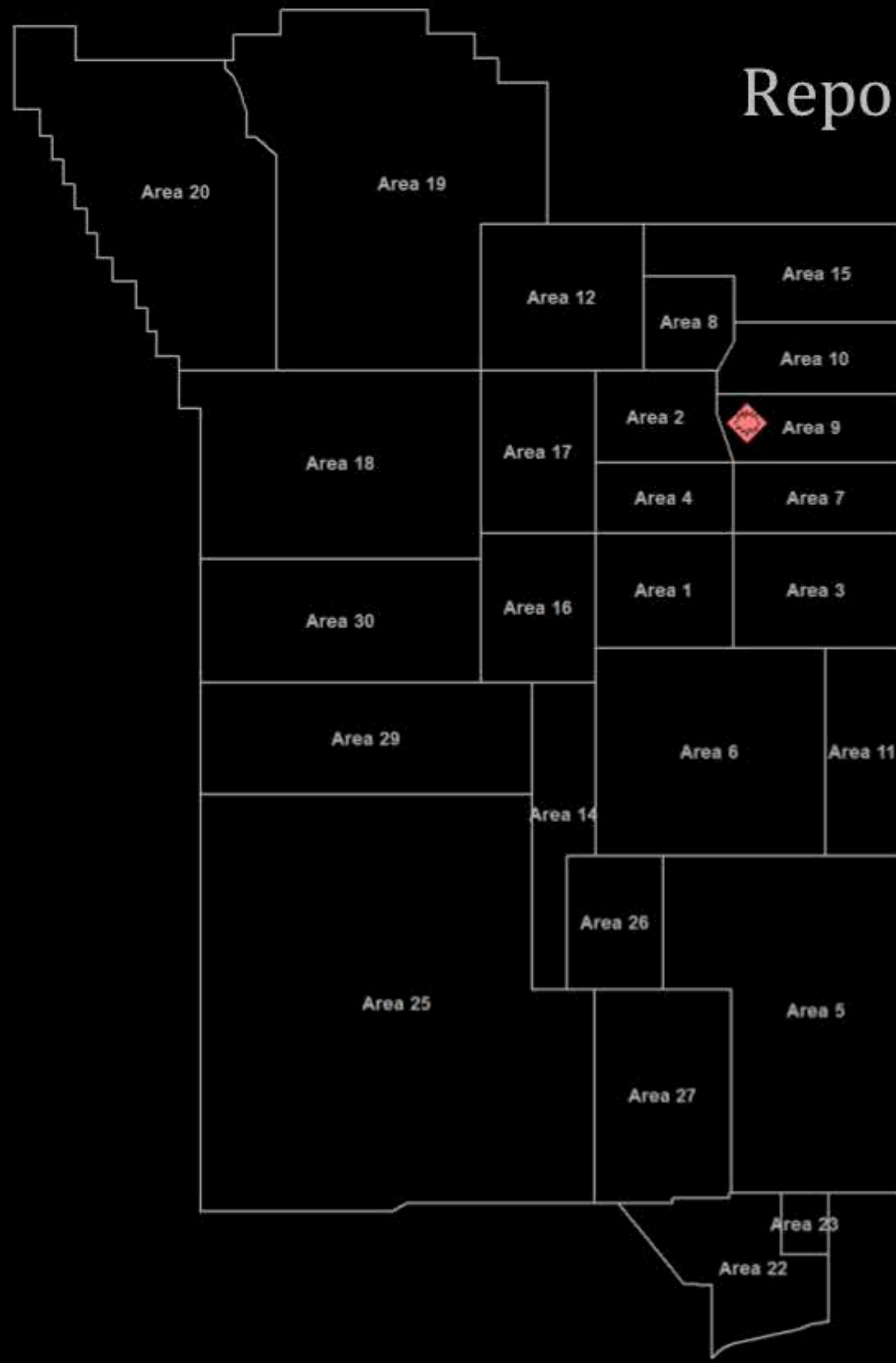


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Millard county @ 427 nCi/sq. m.

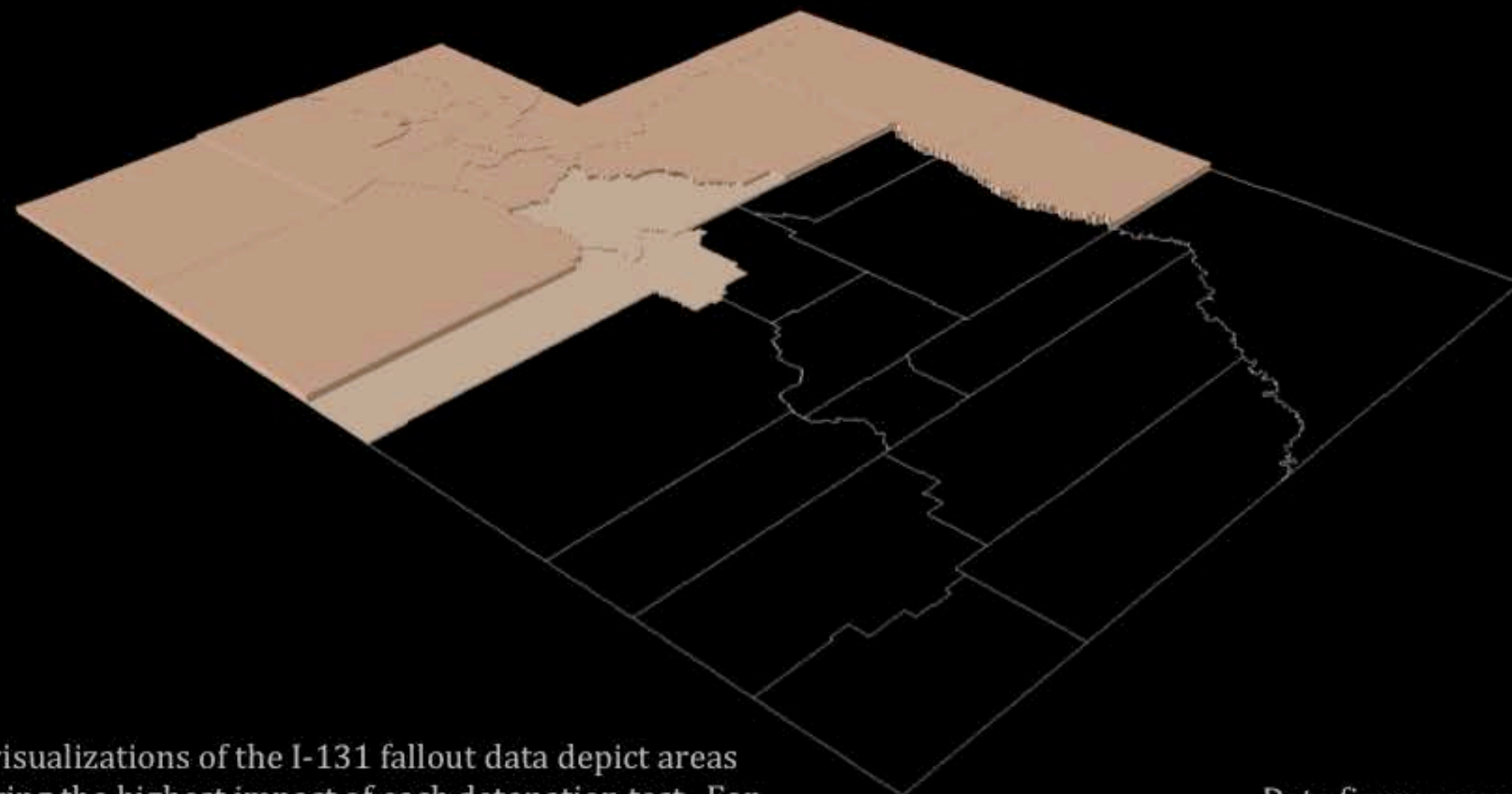
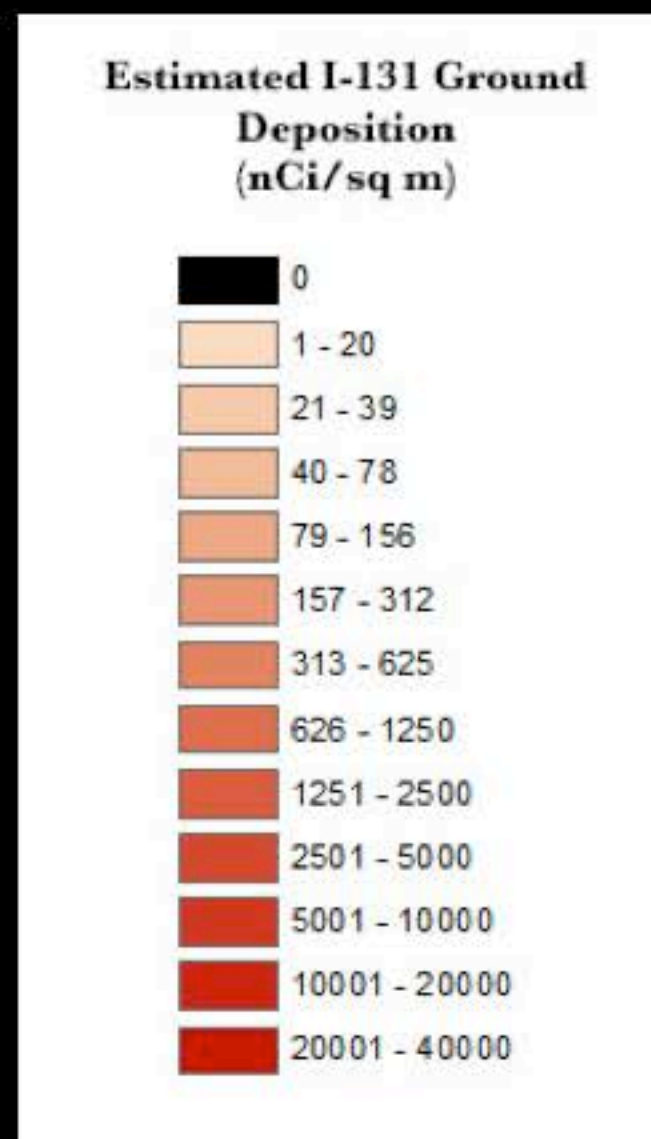


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Plumbbob Wheeler Event September 6, 1957



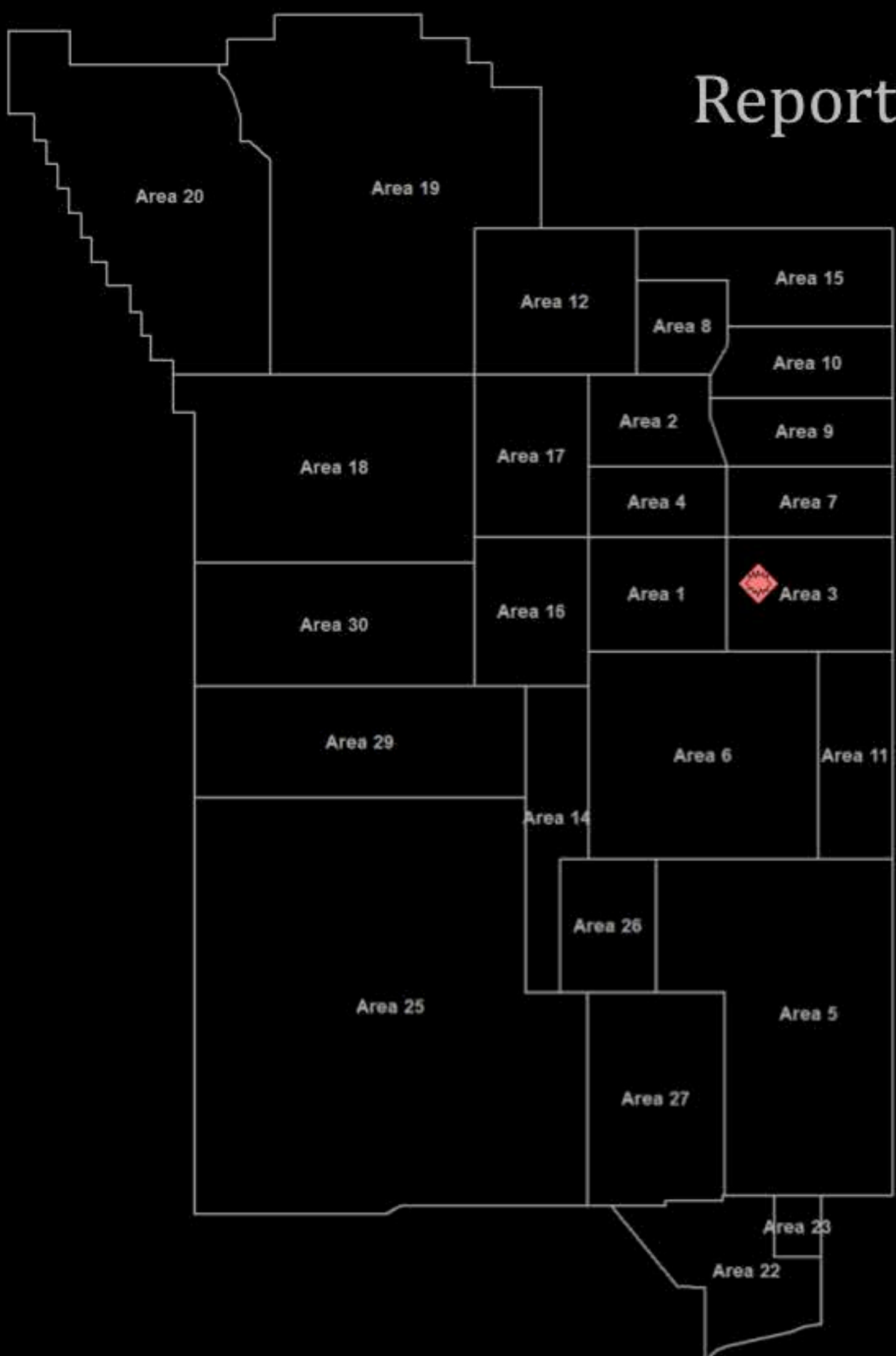
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Wheeler occurred within Area 9 of the testing boundaries.



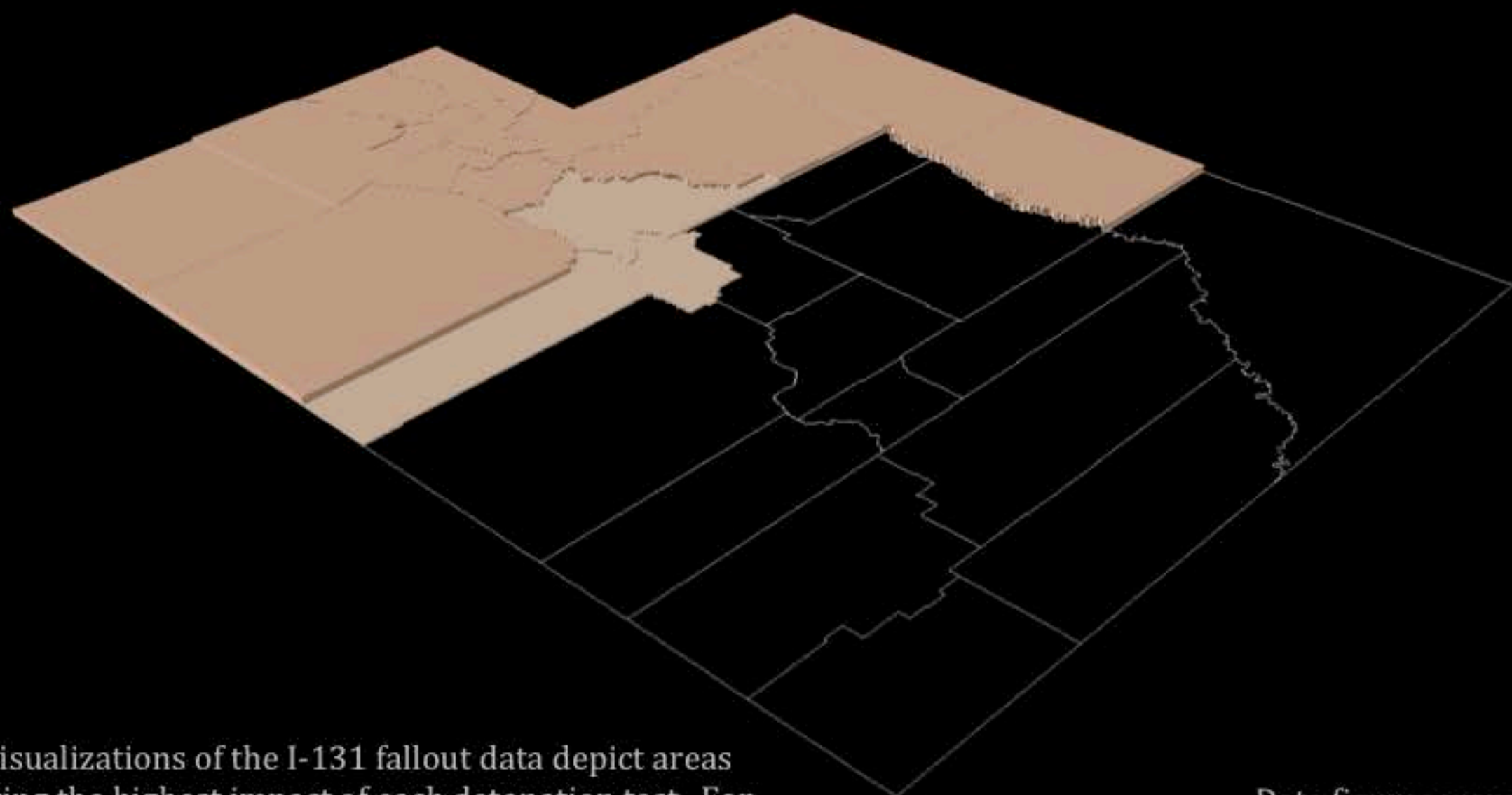
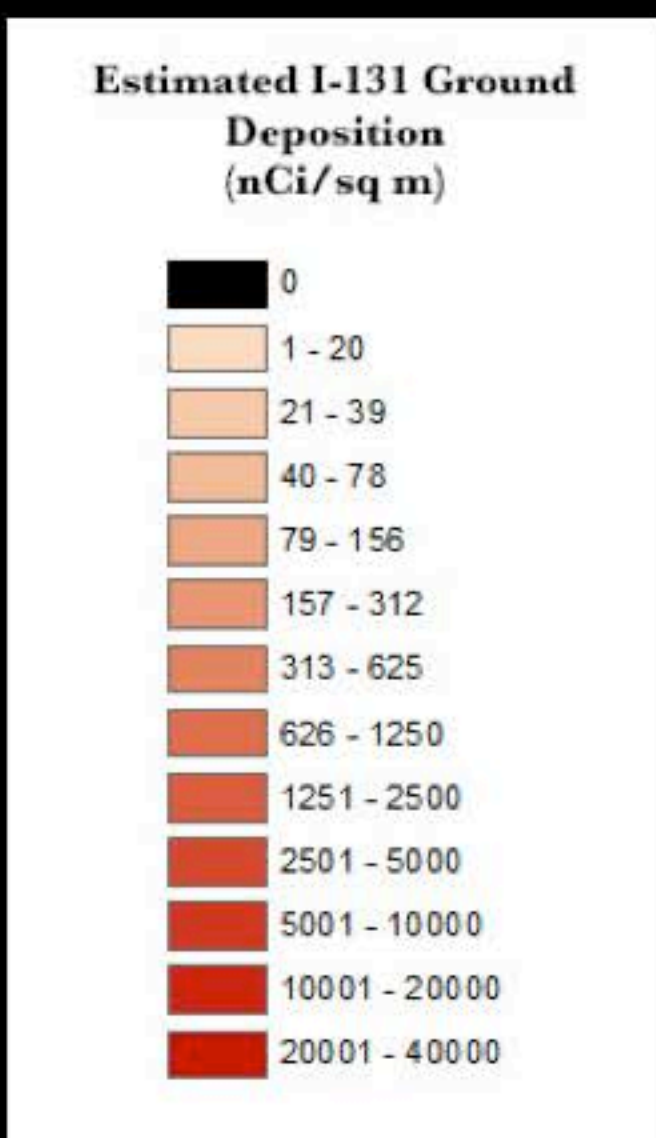
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Box Elder (NCI Zone 2) and Tooele (NCI Zone 1) counties @ 37 nCi/sq. m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Plumbbob Coulomb-B Event September 6, 1957



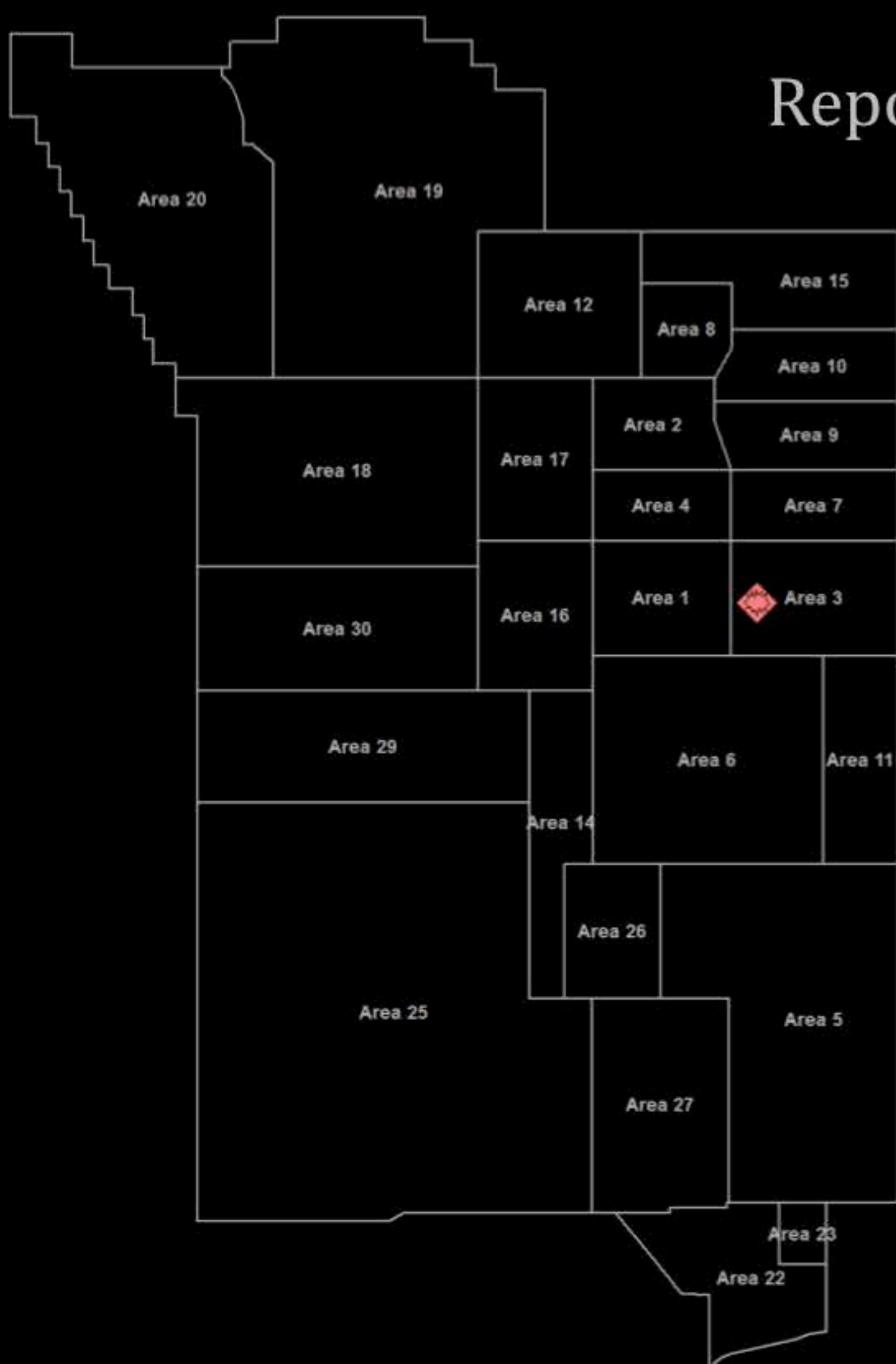
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Coulomb-B occurred within Area 3 of the testing boundaries.



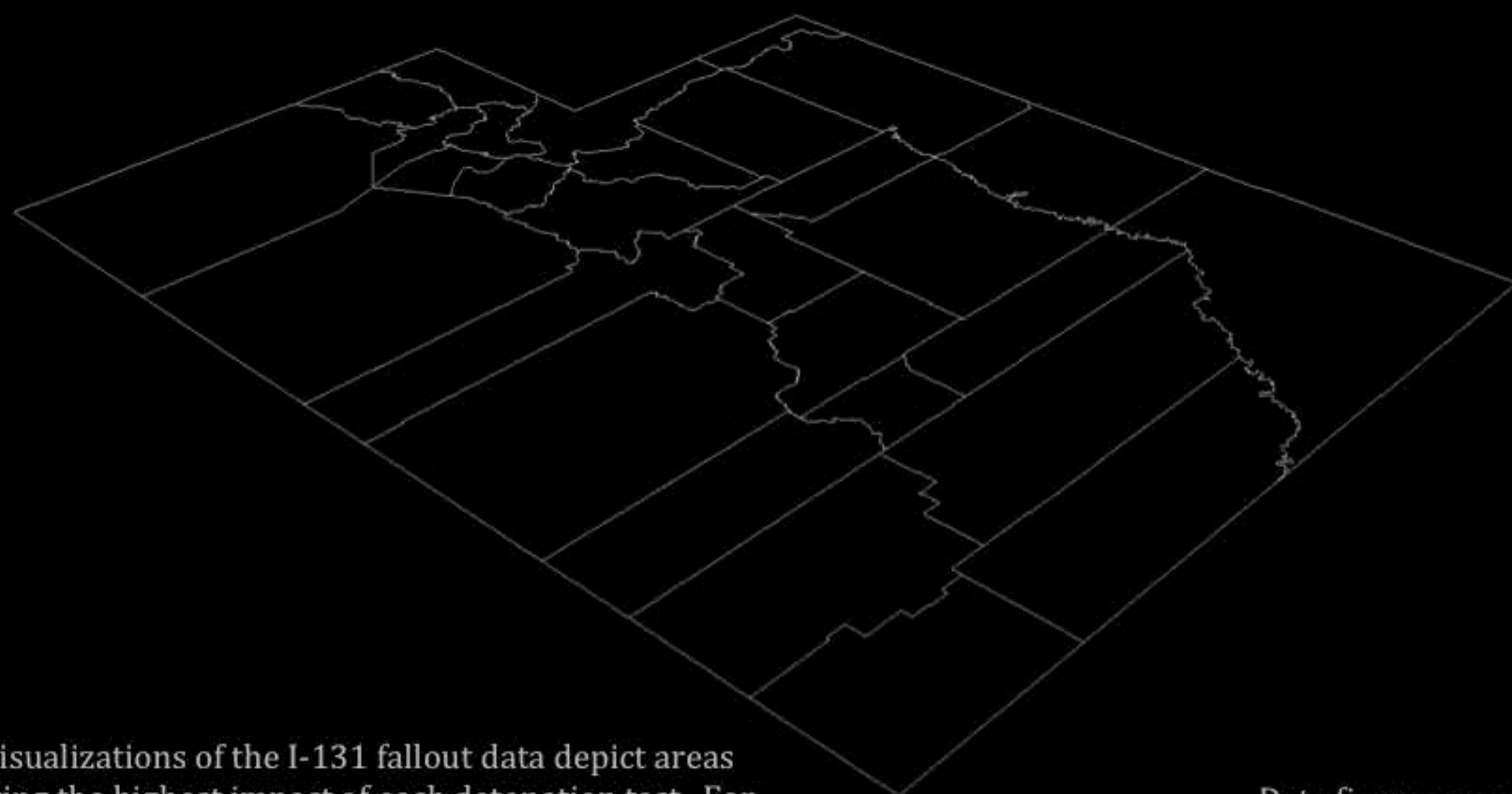
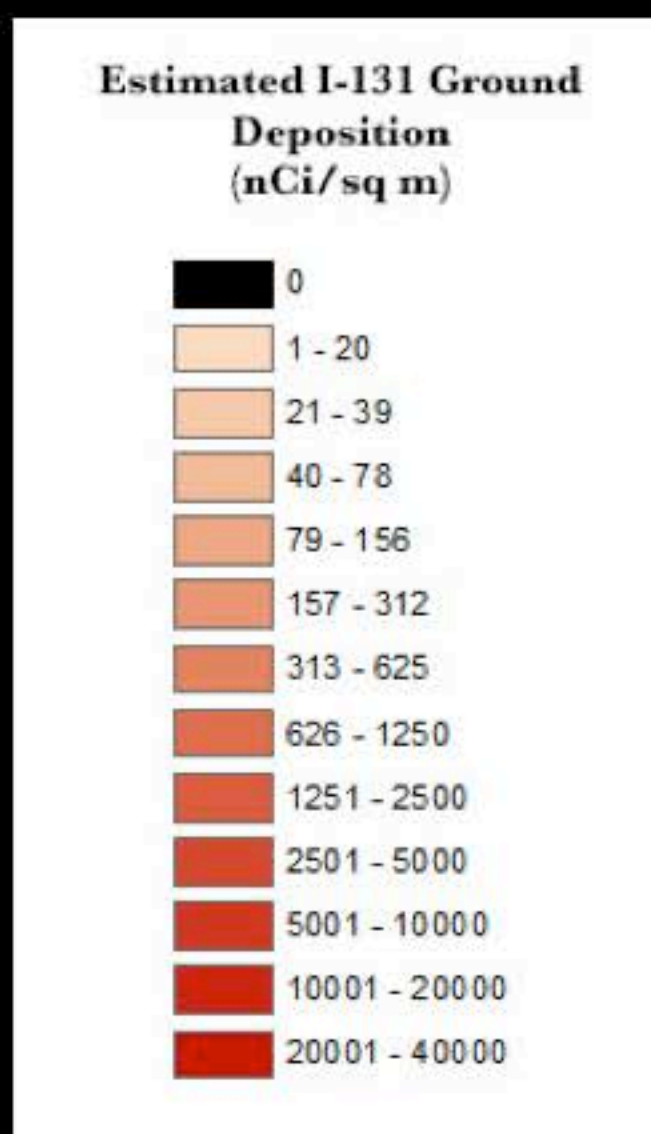
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Box Elder (NCI Zone 2) and Tooele (NCI Zone 1) counties @ 37 nCi/sq. m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Plumbbob Fizeau Event September 14, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Fizeau occurred within Area 3 of the testing boundaries.

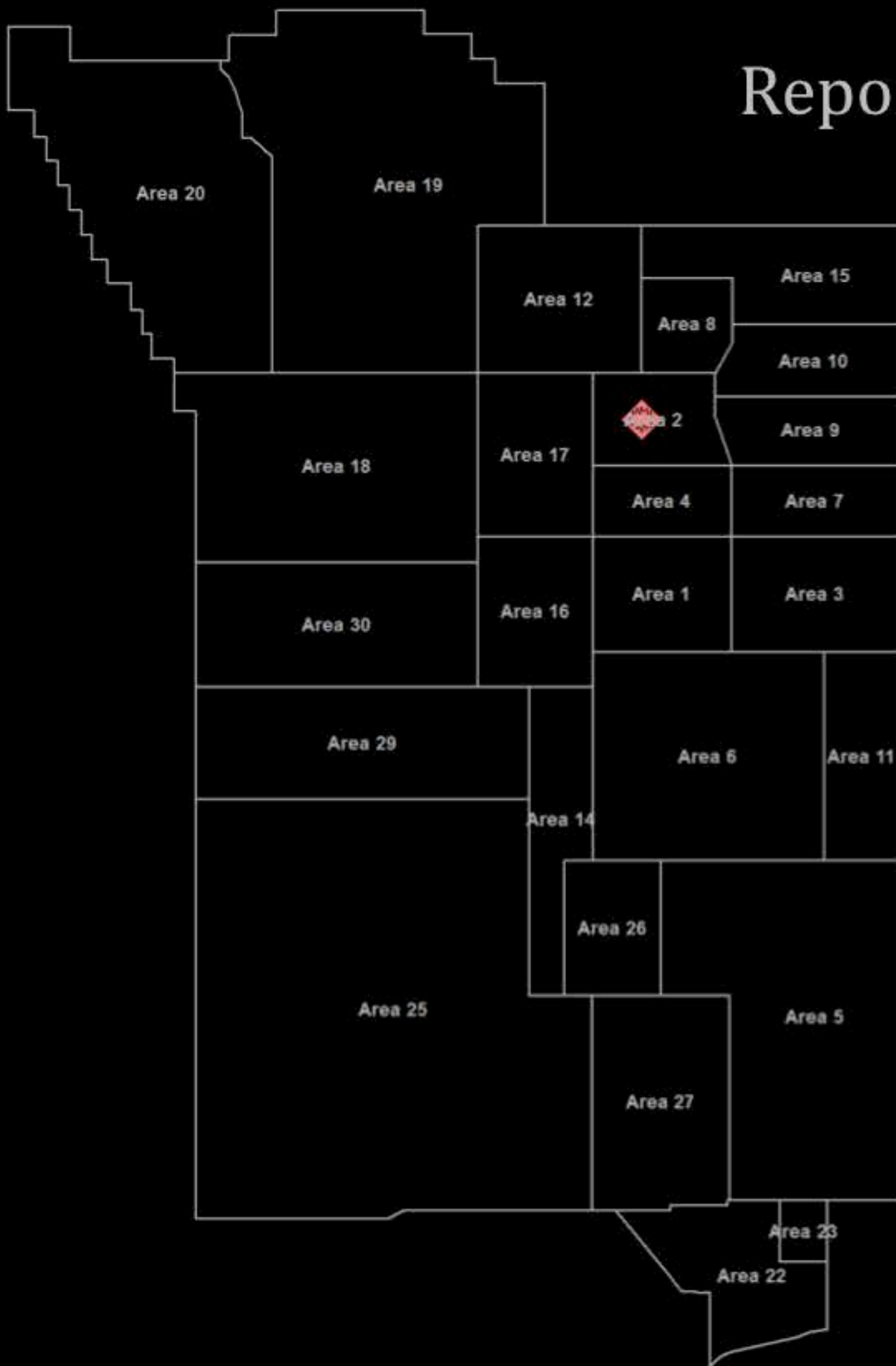


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

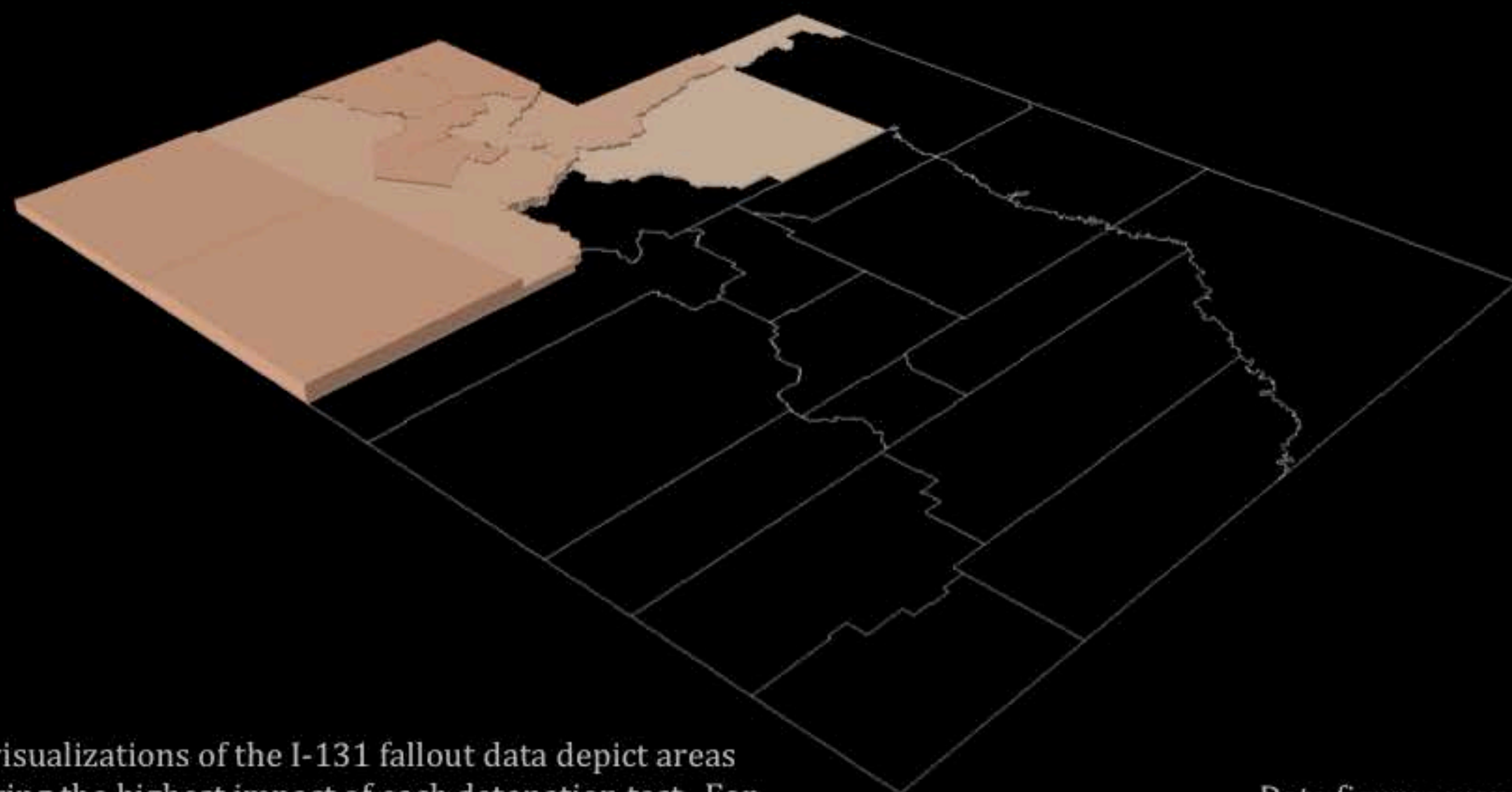
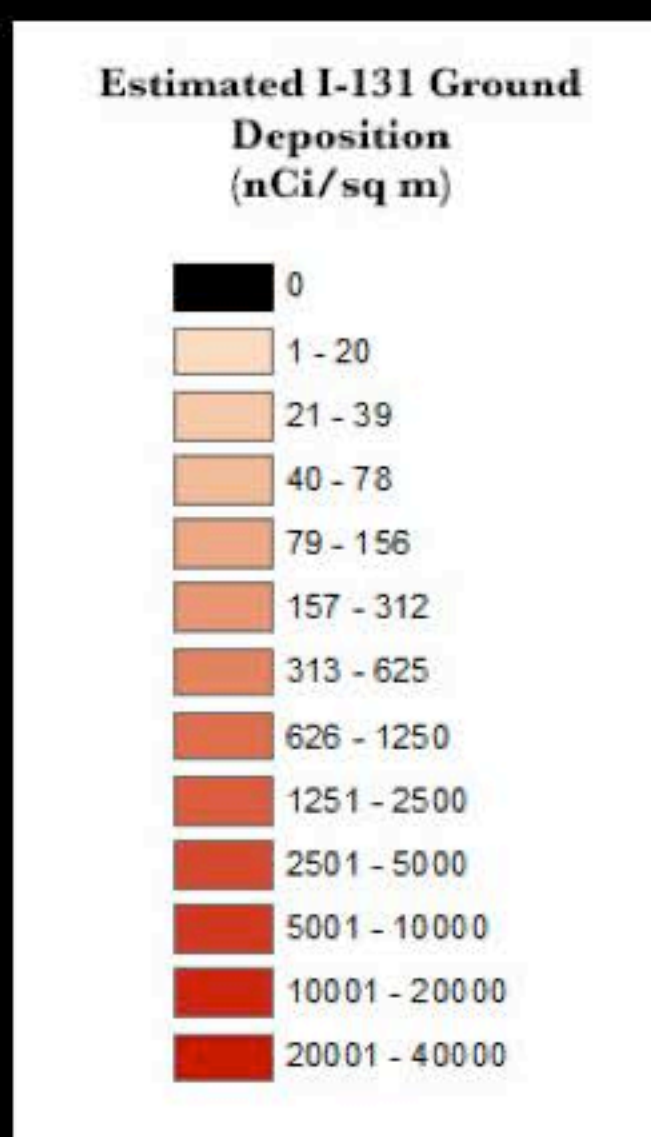


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Plumbbob Whitney Event September 23, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Whitney occurred within Area 2 of the testing boundaries.

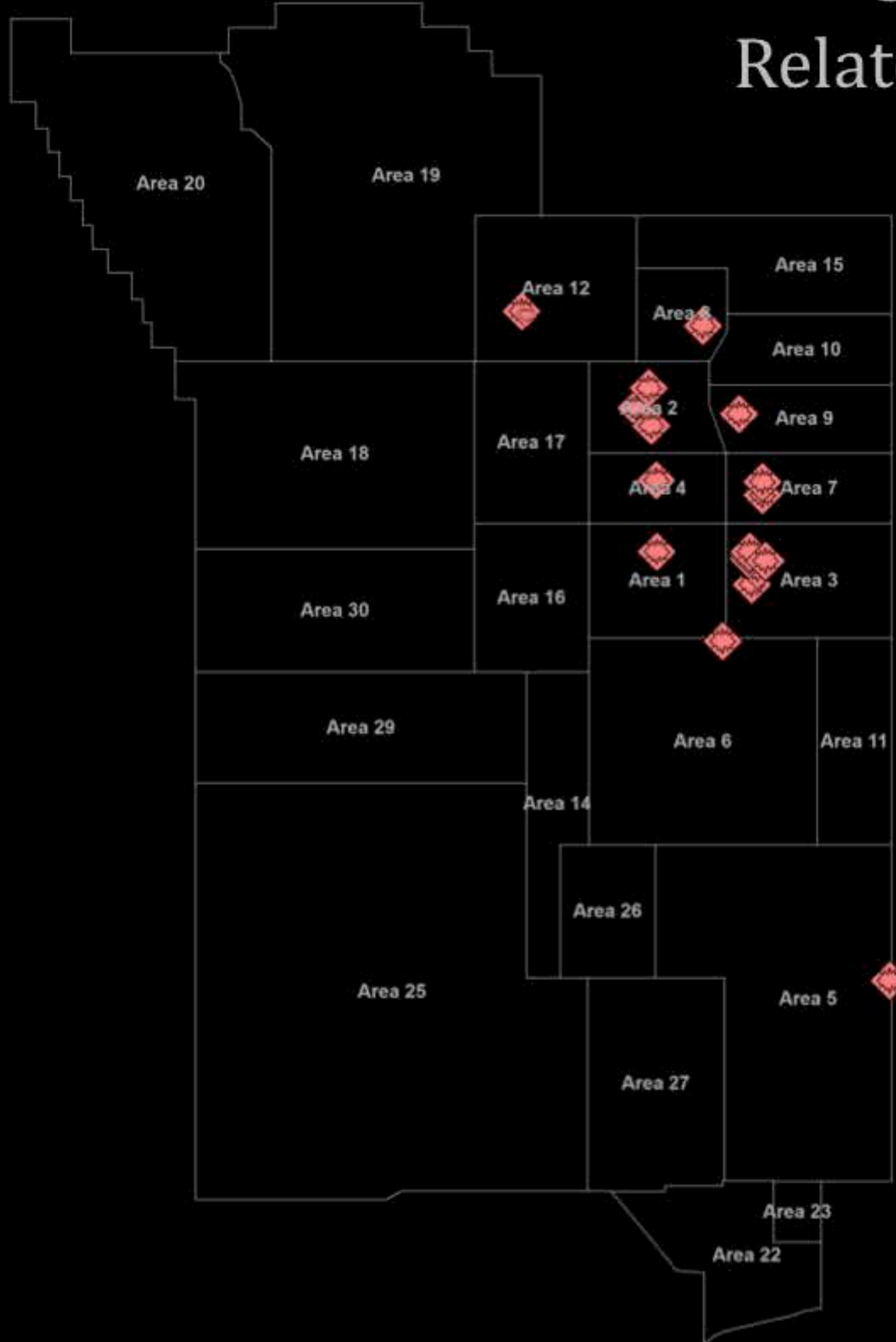


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Tooele county (NCI Zone 1) @ 78 nCi/sq. m.



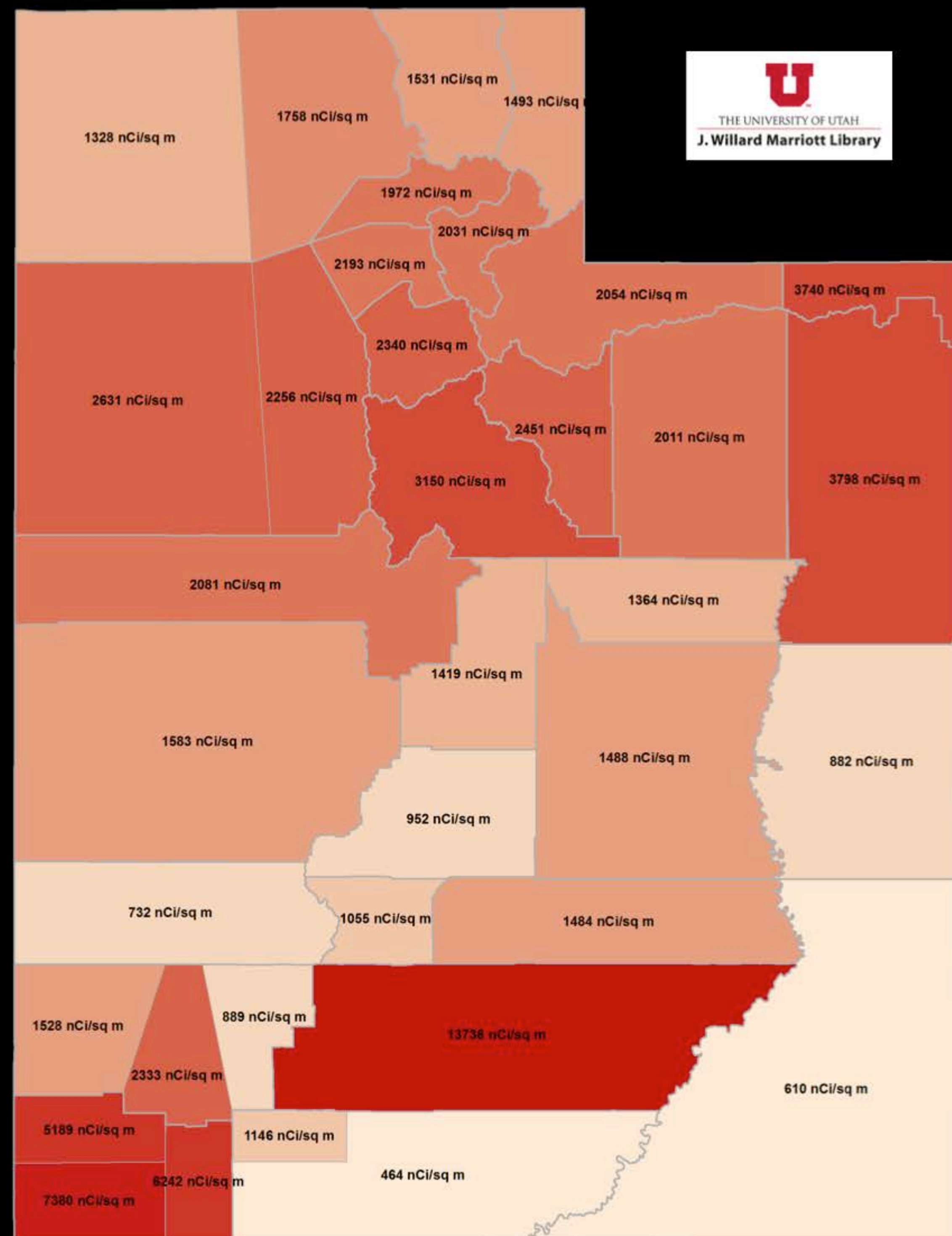
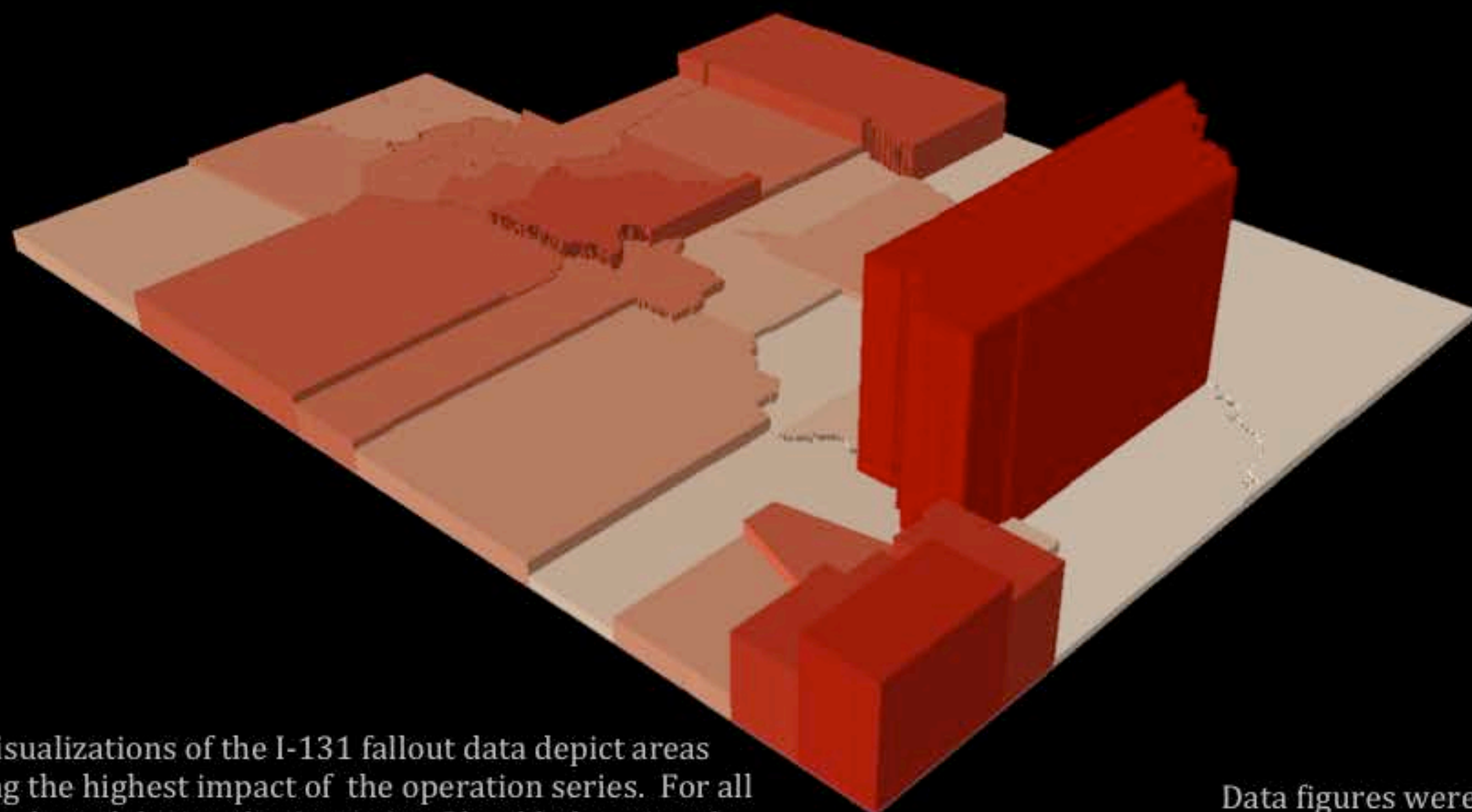
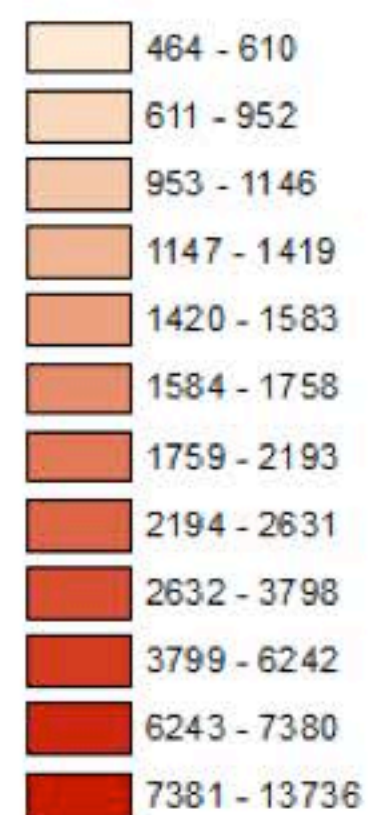
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

Summarized I-131 Ground Deposition Levels Related to All Operation Plumbbob Atmospheric Tests May 28, 1957 – October 7, 1957



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. During the Operation Plumbbob series, 29 tests were conducted; however, only 23 of these tests were included in the National Cancer Institute study.

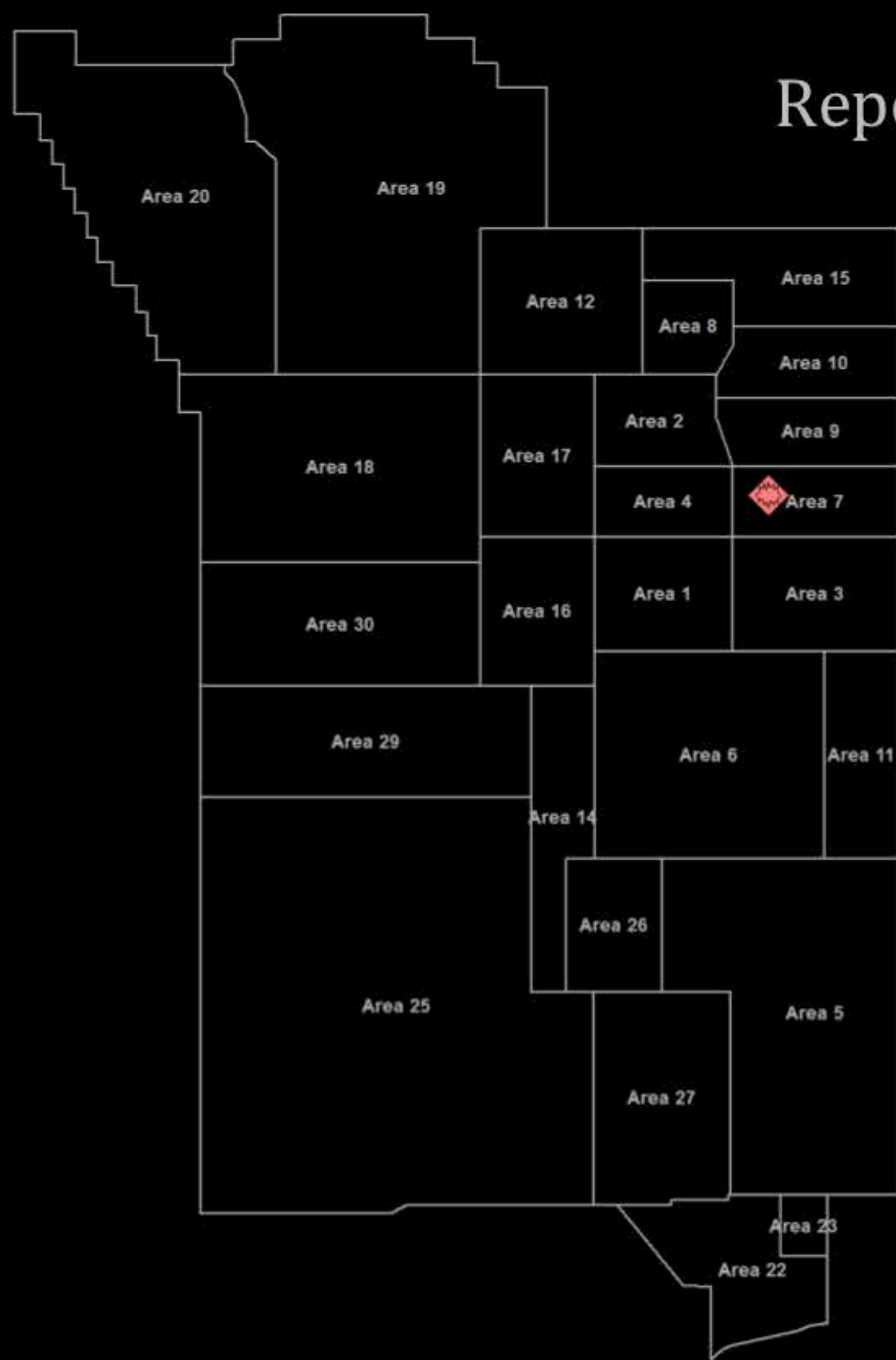
Estimated I-131 Ground Deposition (nCi/sq m)



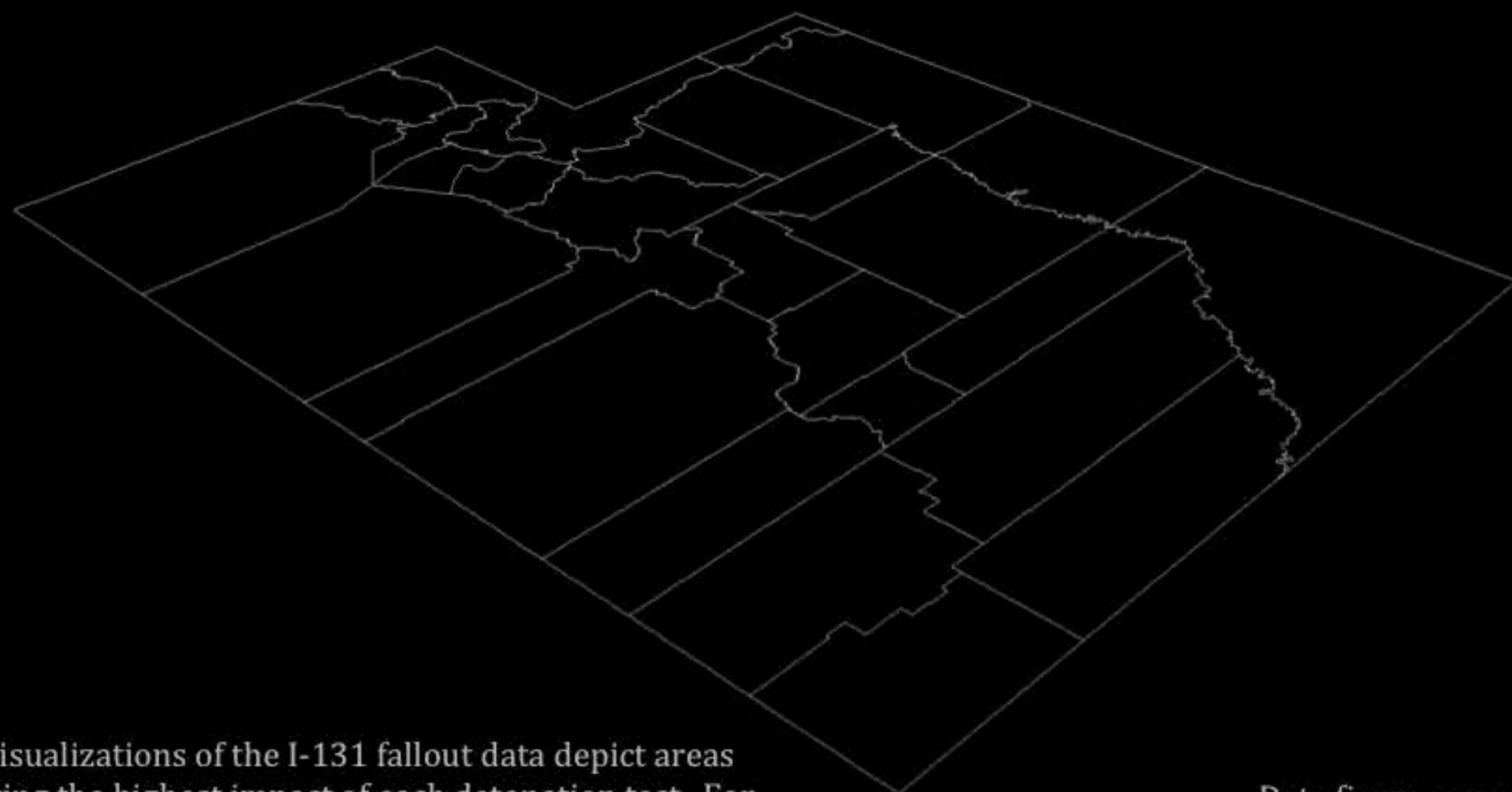
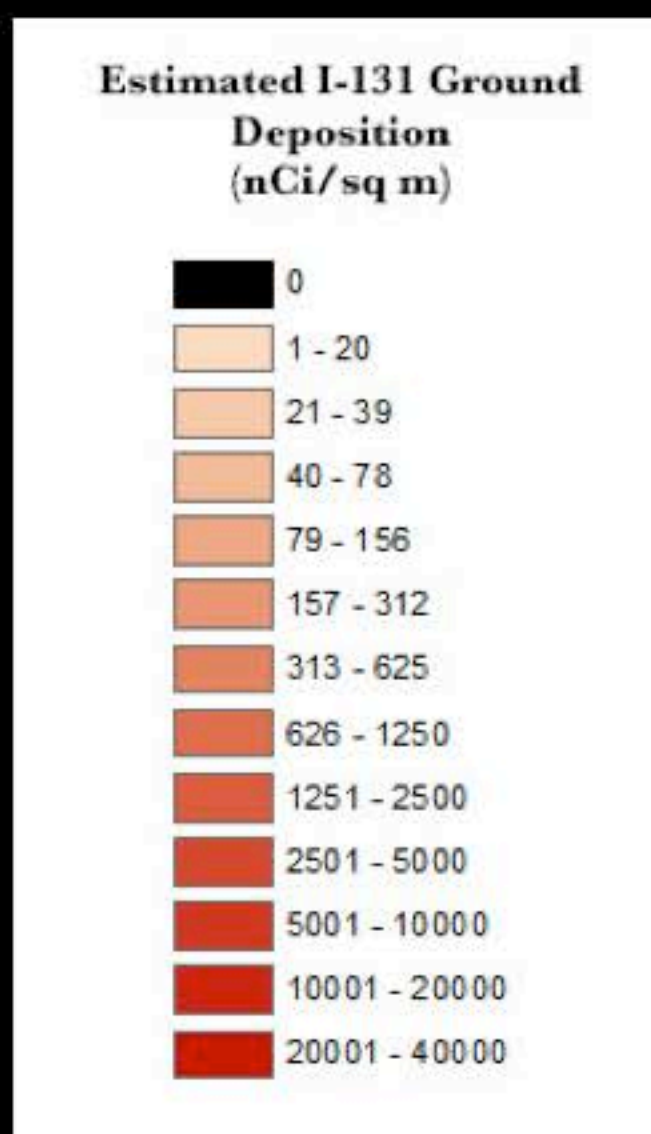
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the summarized geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to all events of the Operation Plumbbob series.

3D visualizations of the I-131 fallout data depict areas receiving the highest impact of the operation series. For all tests conducted during the Operation Plumbbob series, the data shows the highest summarized level of fallout located in Garfield county @ 13,736 nCi/sq m.

I-131 Ground Deposition Levels Reported for the Operation Hardtack II Eddy Event September 19, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Eddy occurred within Area 7 of the testing boundaries.



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

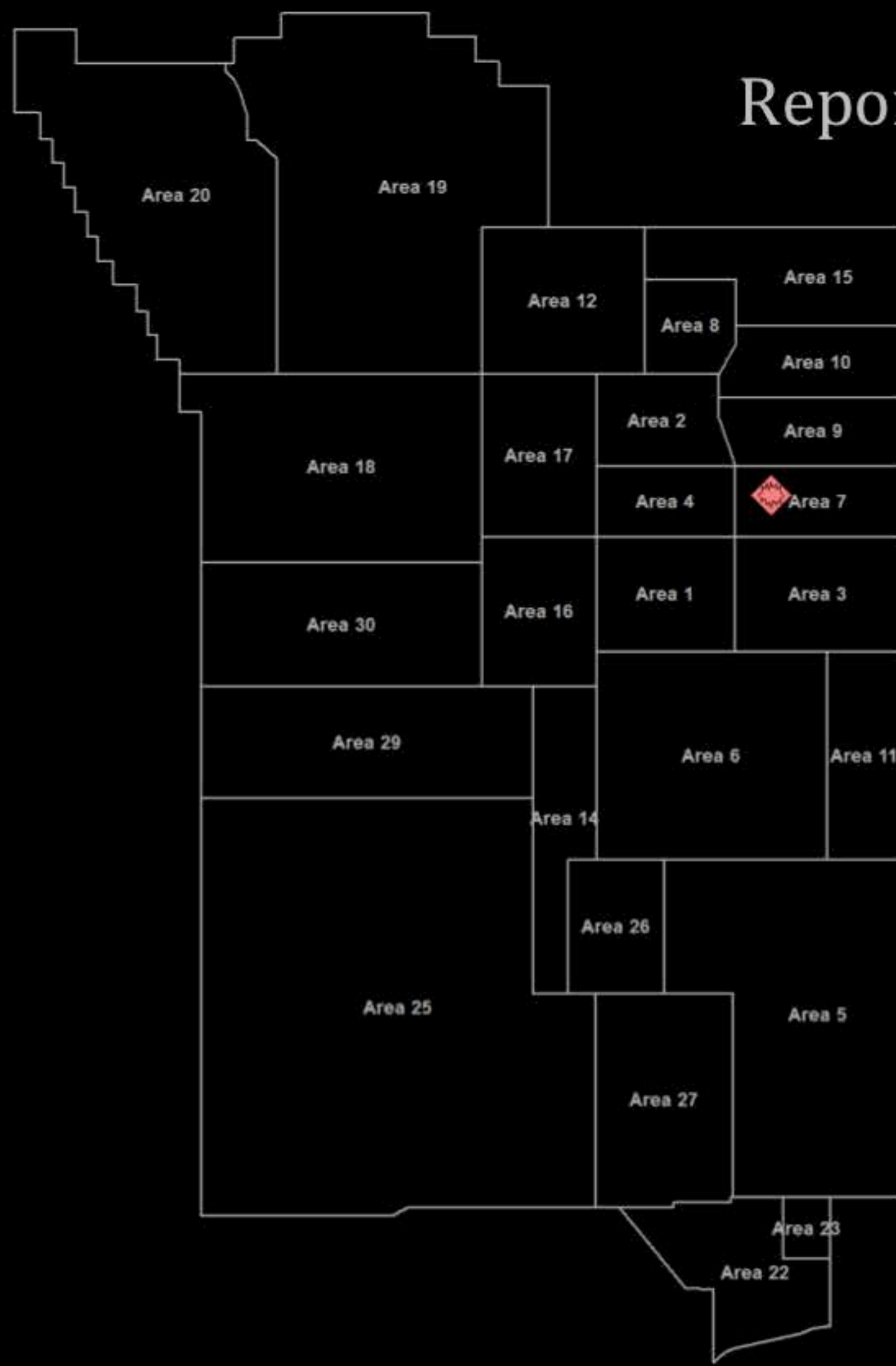


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels

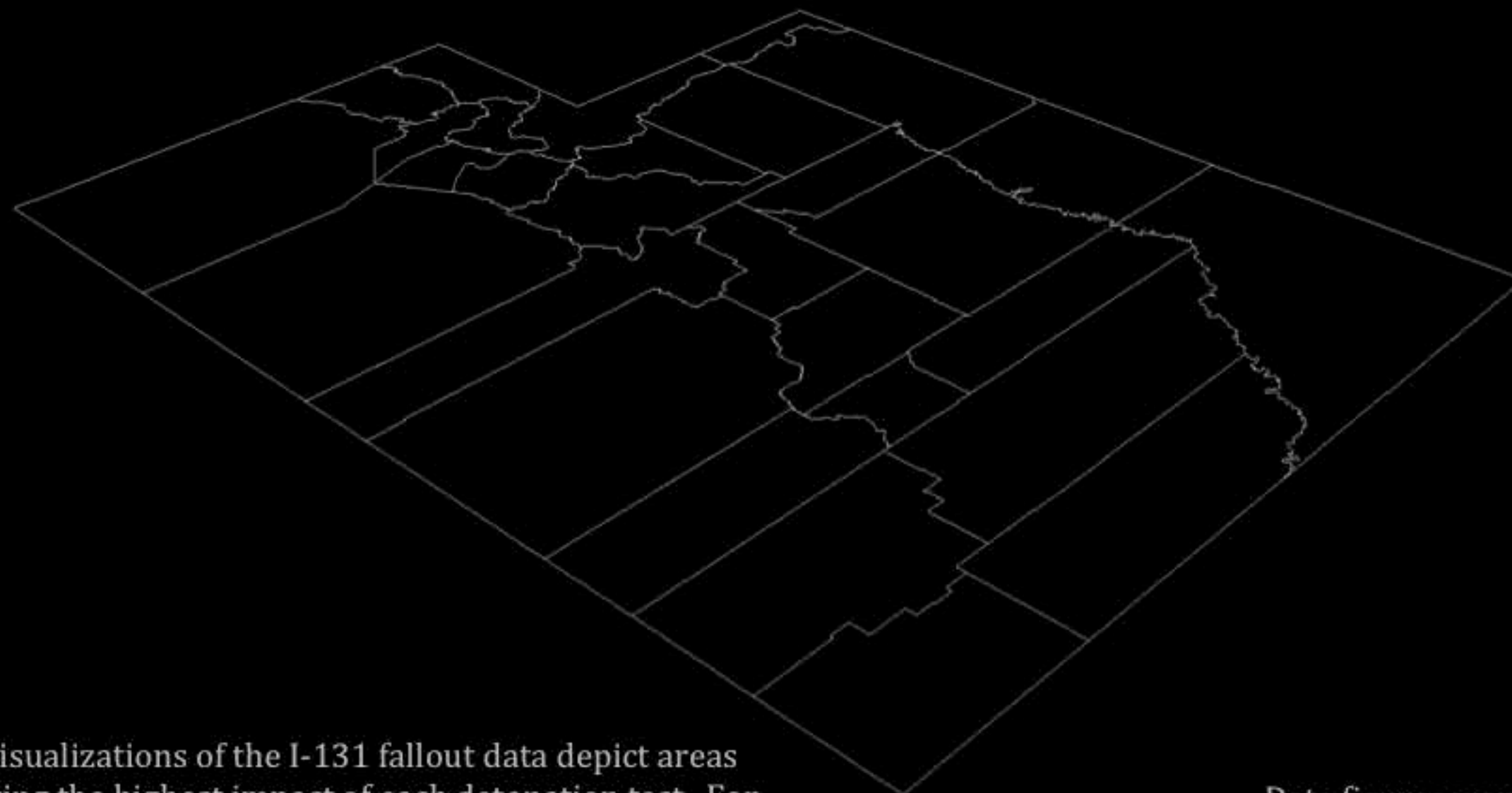
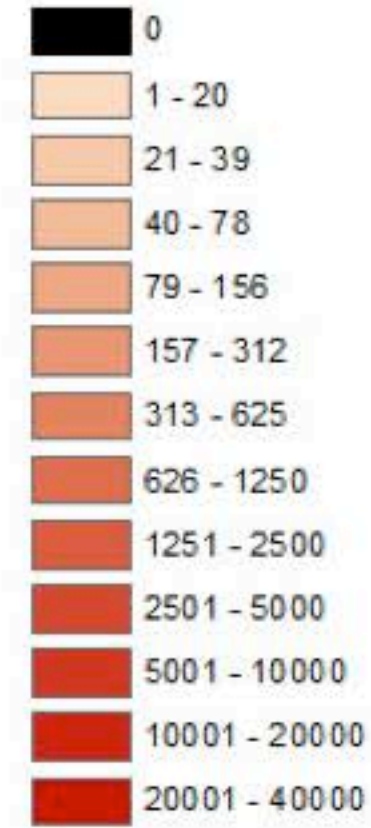
Reported for the Operation Hardtack II Hidalgo Event

October 5, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Hidalgo occurred within Area 7 of the testing boundaries.

Estimated I-131 Ground Deposition (nCi/sq m)

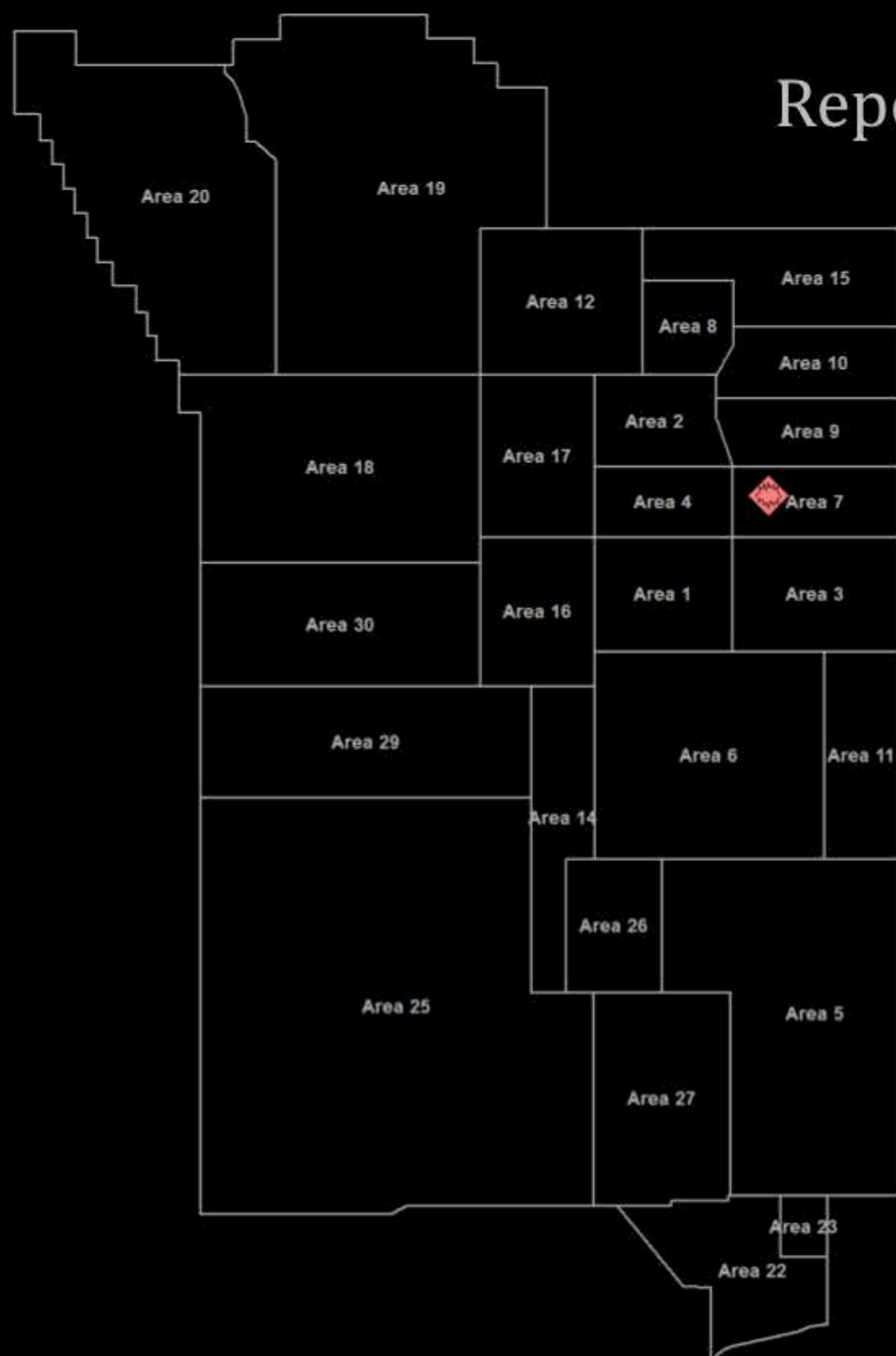


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

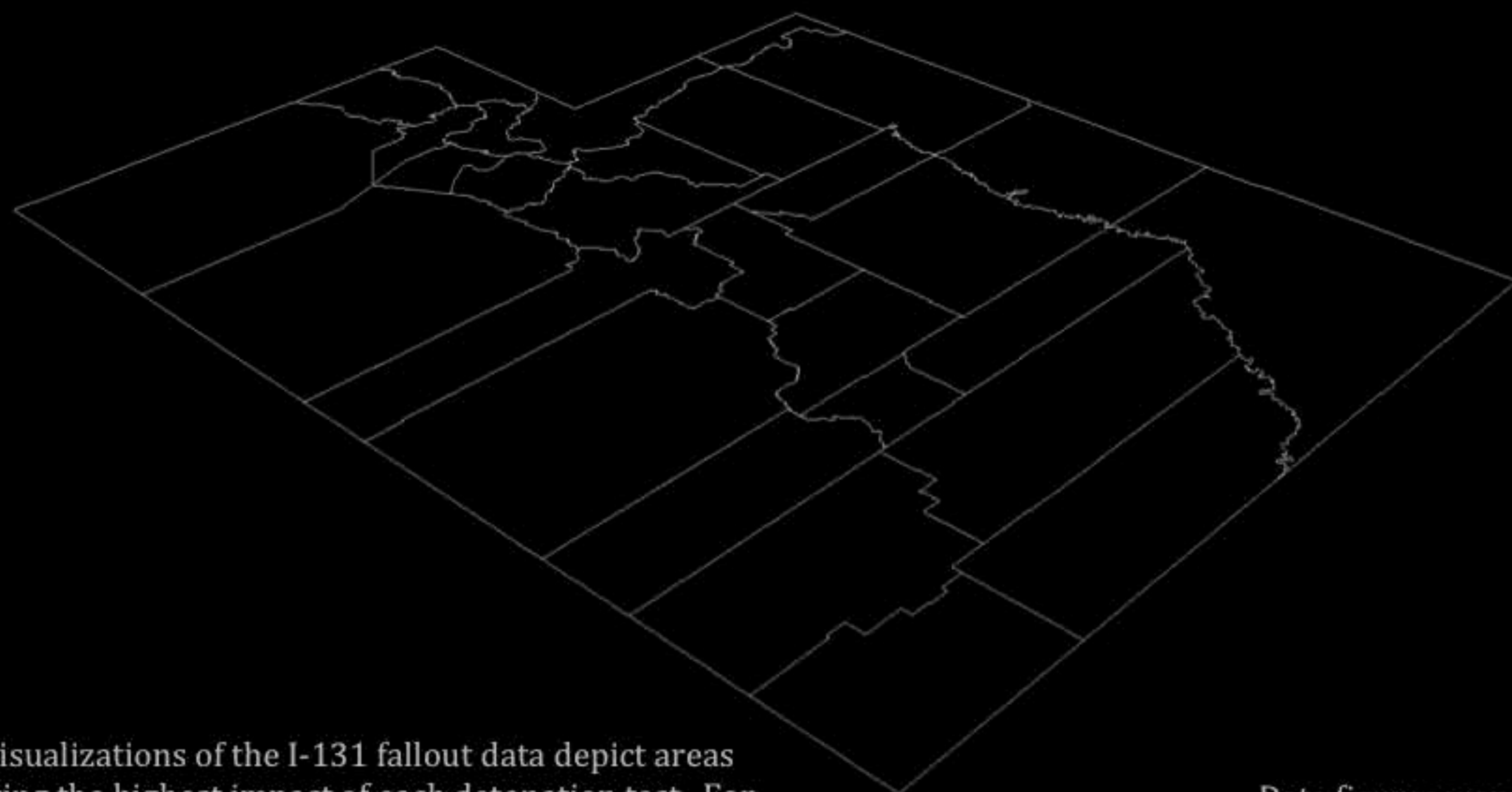
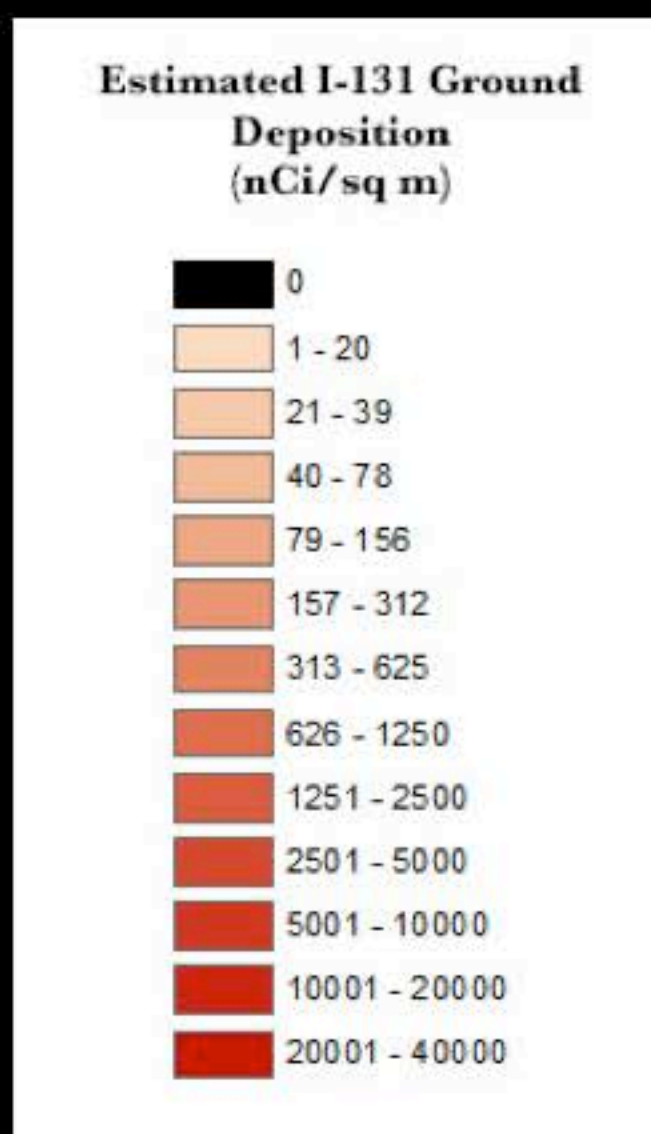


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Hardtack II Quay Event October 10, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Quay occurred within Area 7 of the testing boundaries.



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

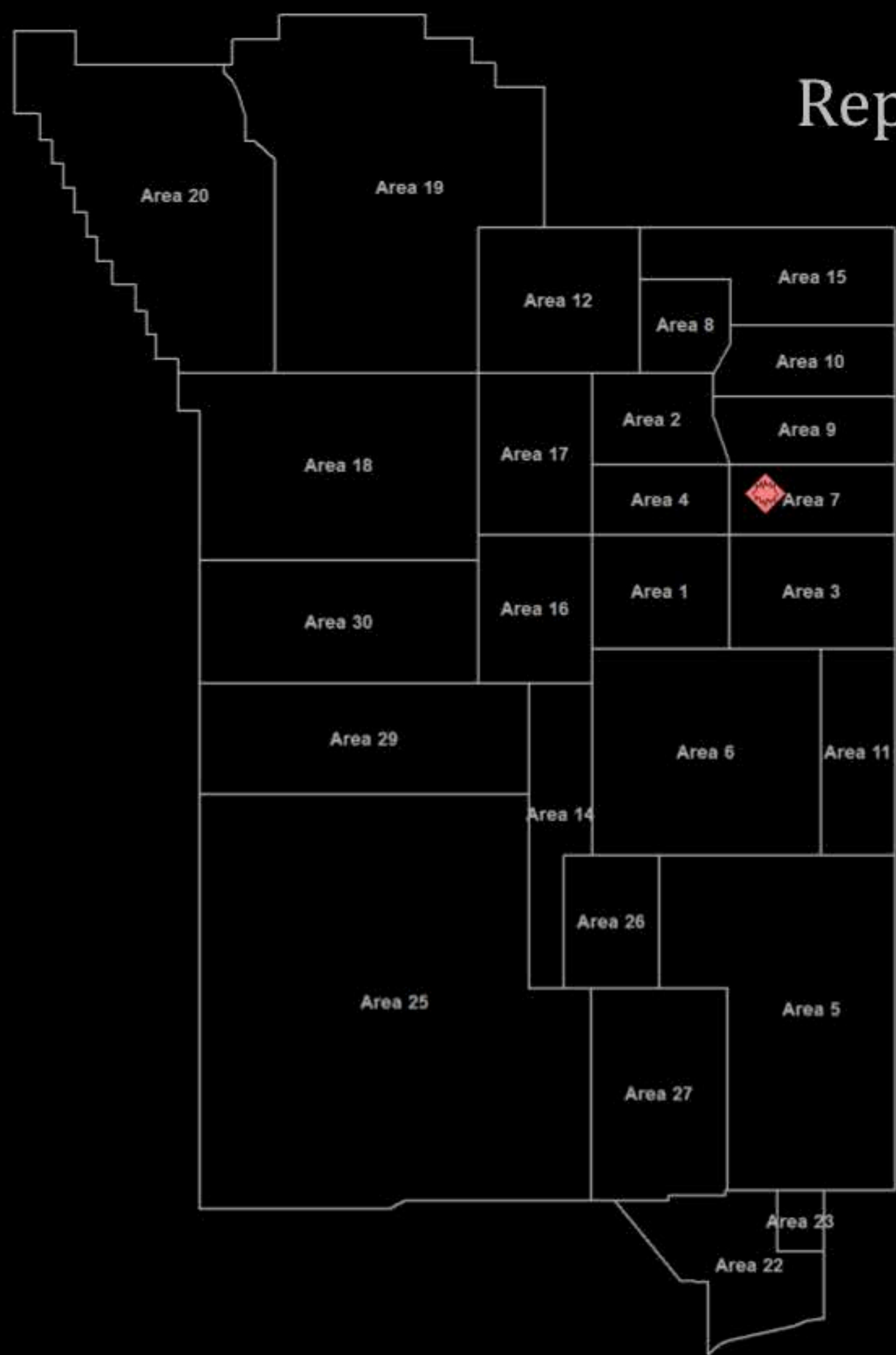


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

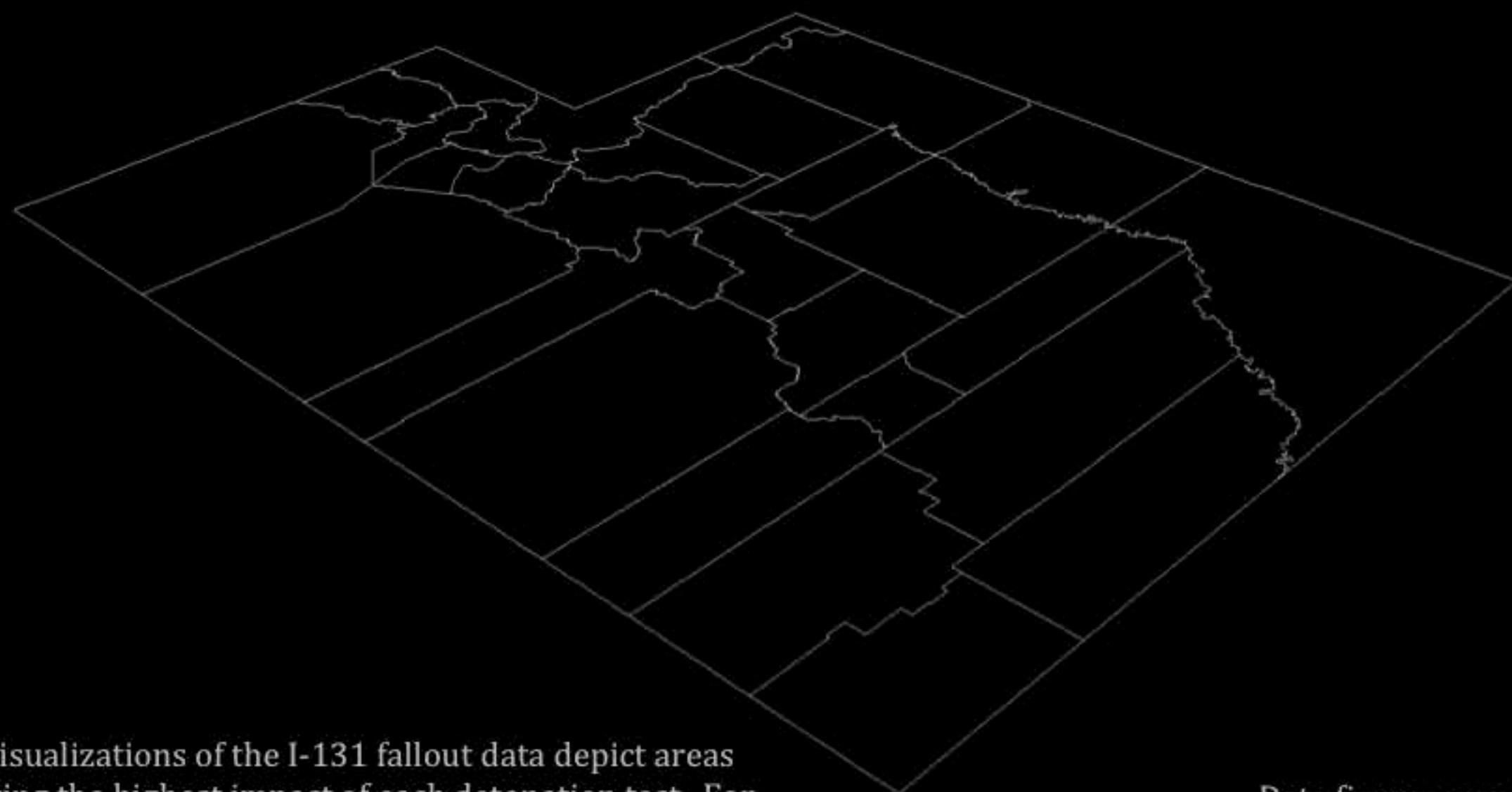
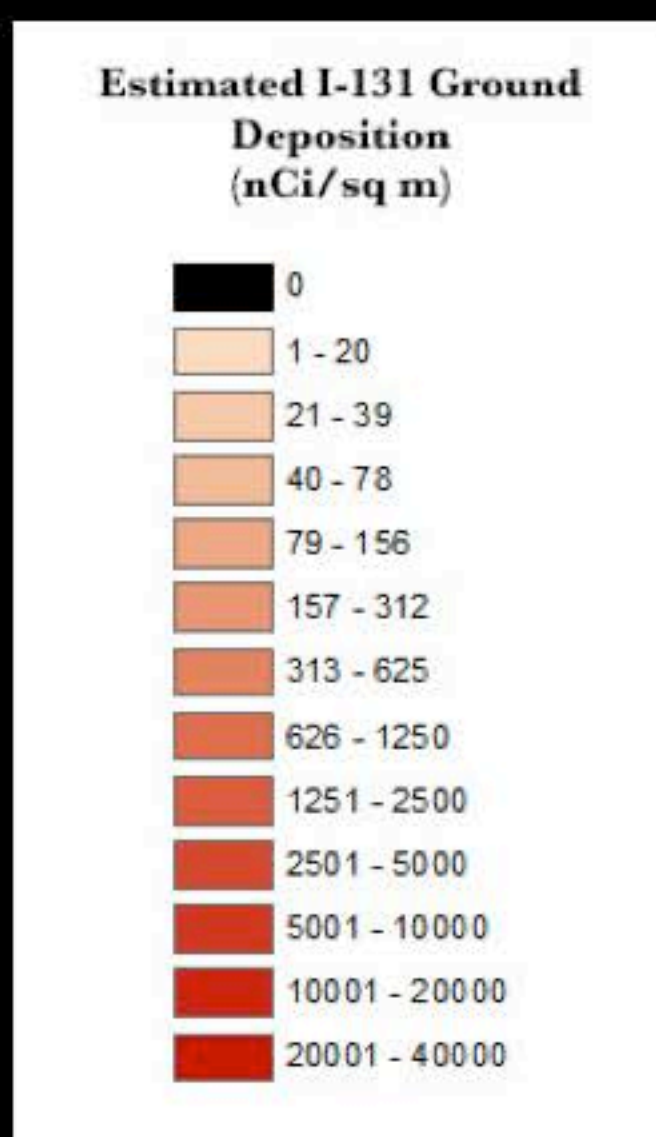
I-131 Ground Deposition Levels

Reported for the Operation Hardtack II Lea Event

October 13, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Lea occurred within Area 7 of the testing boundaries.

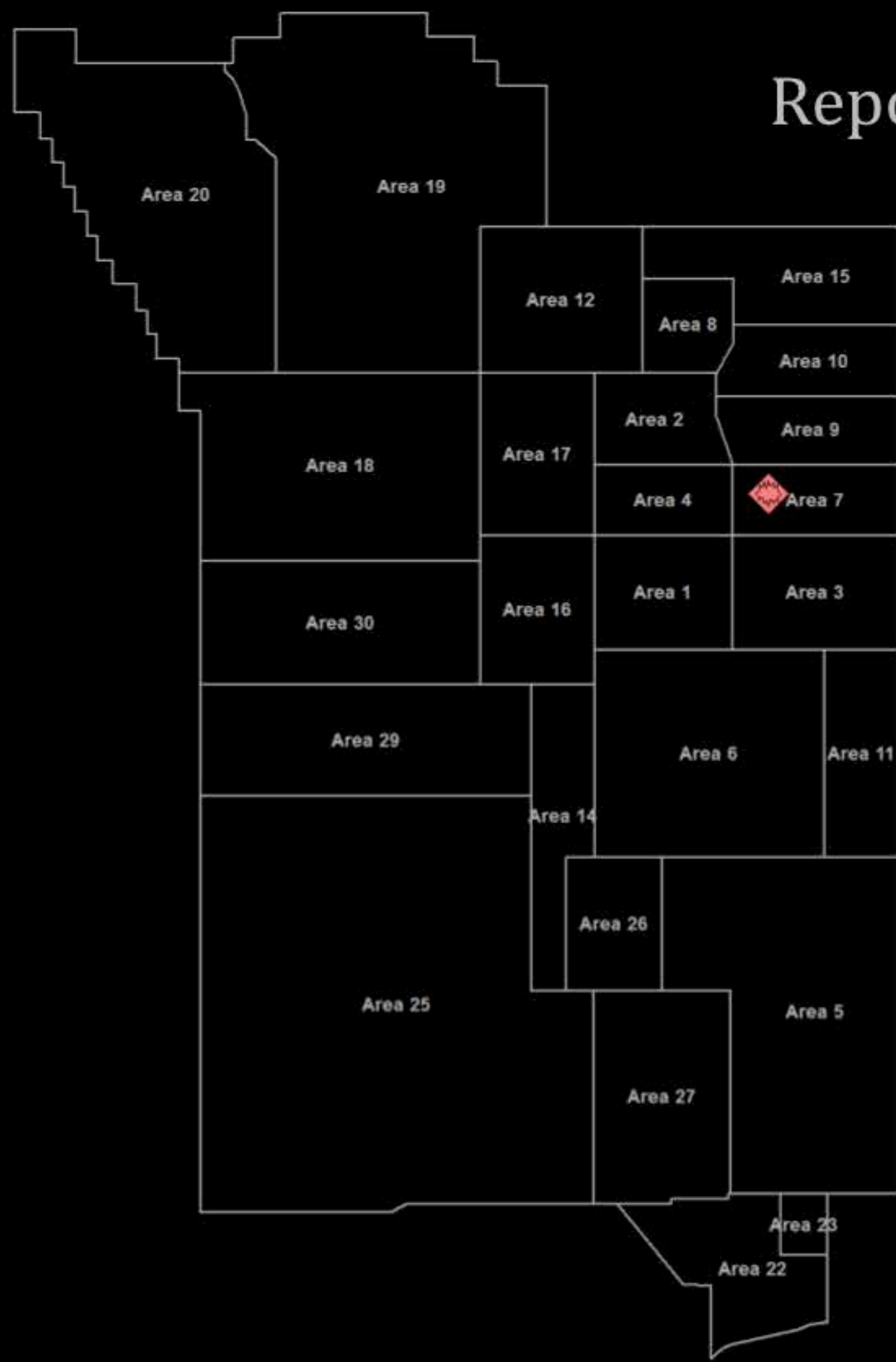


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

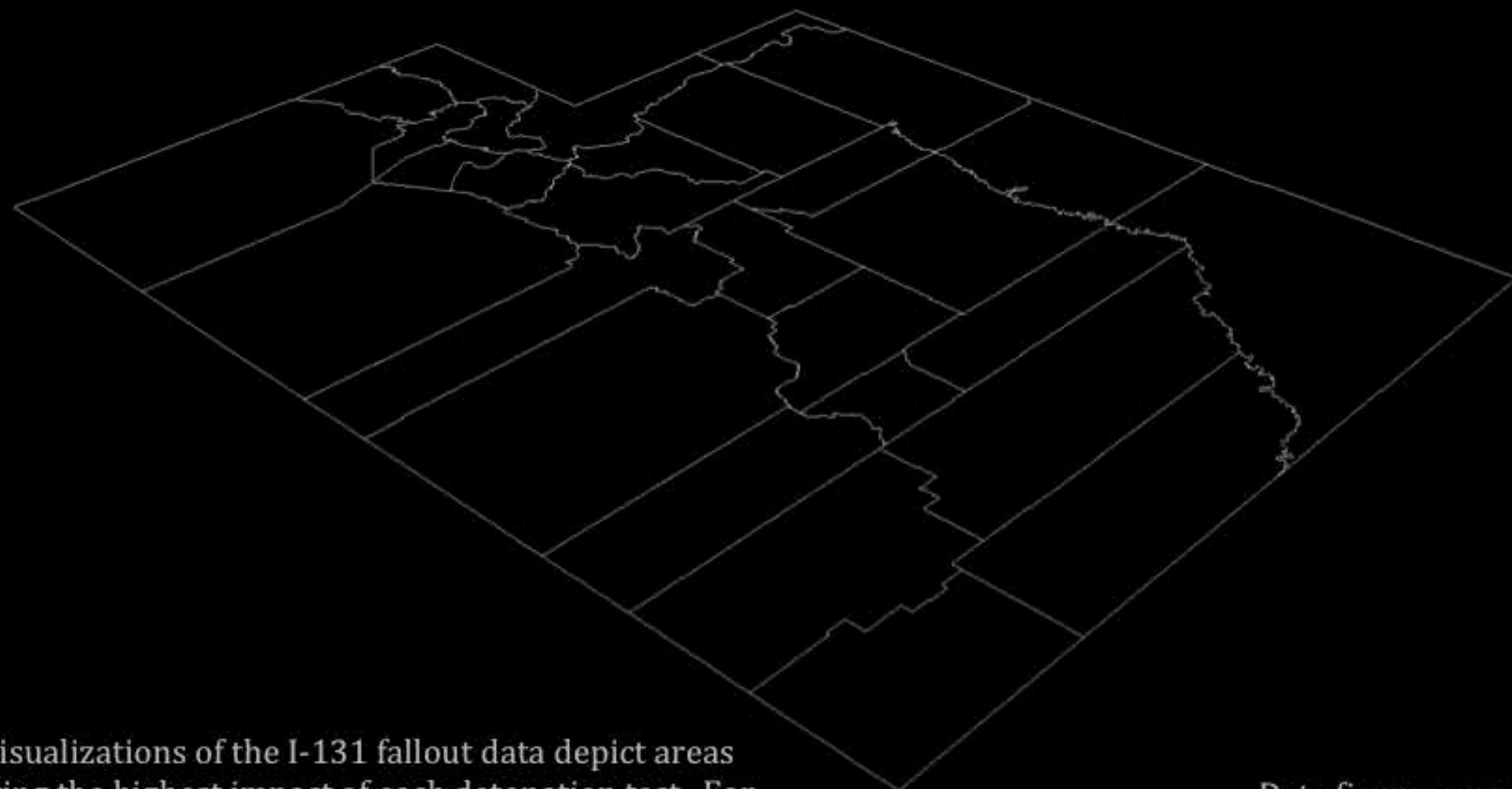
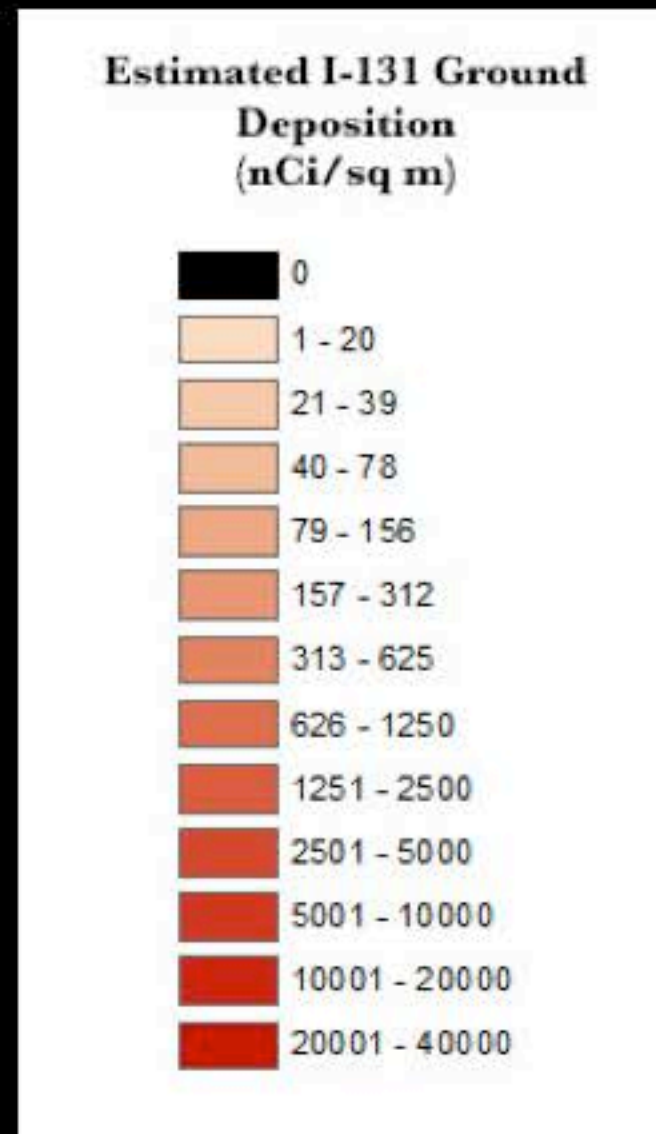


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Hardtack II Vesta Event October 17, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Vesta occurred within Area 7 of the testing boundaries.

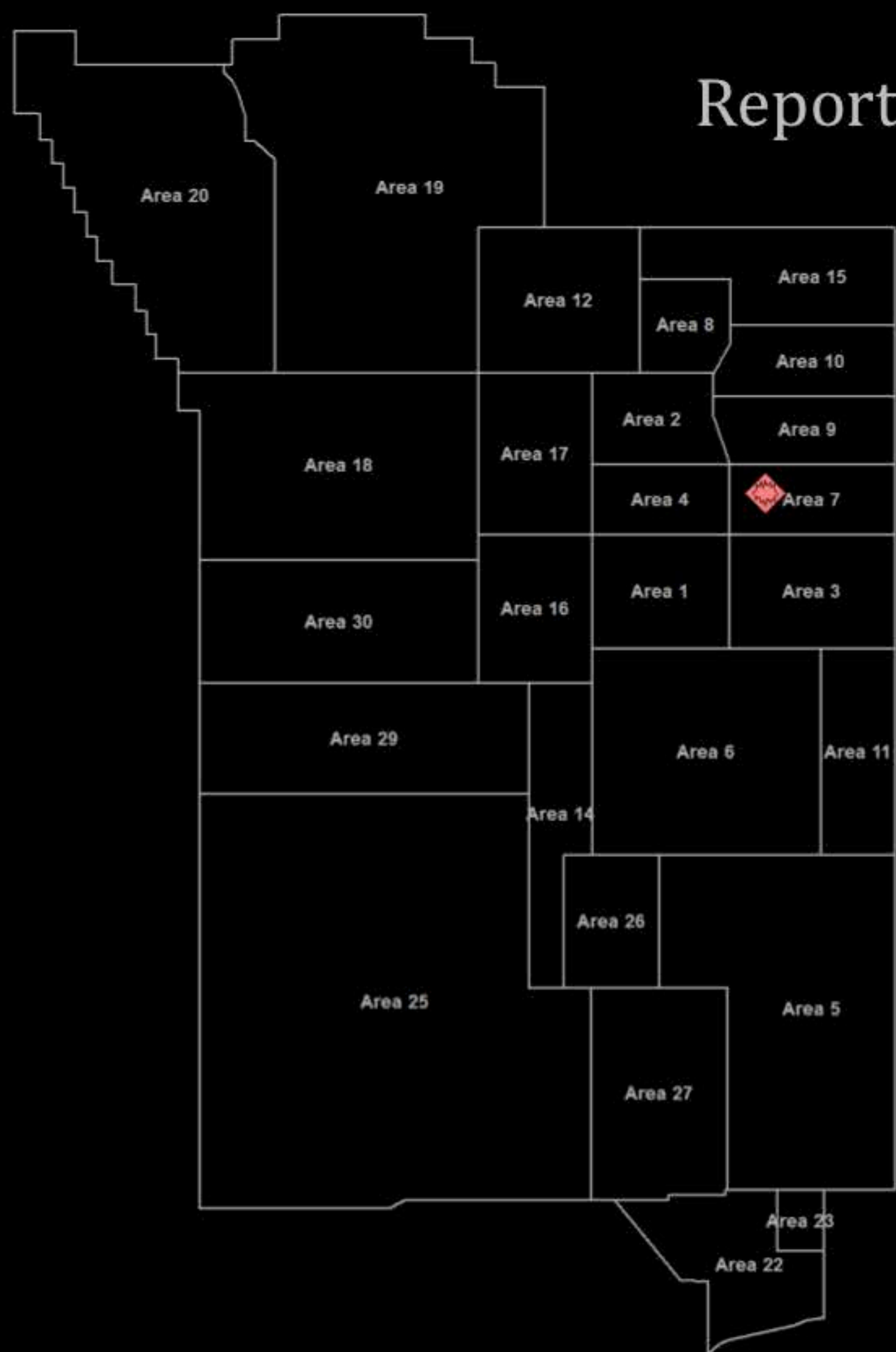


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

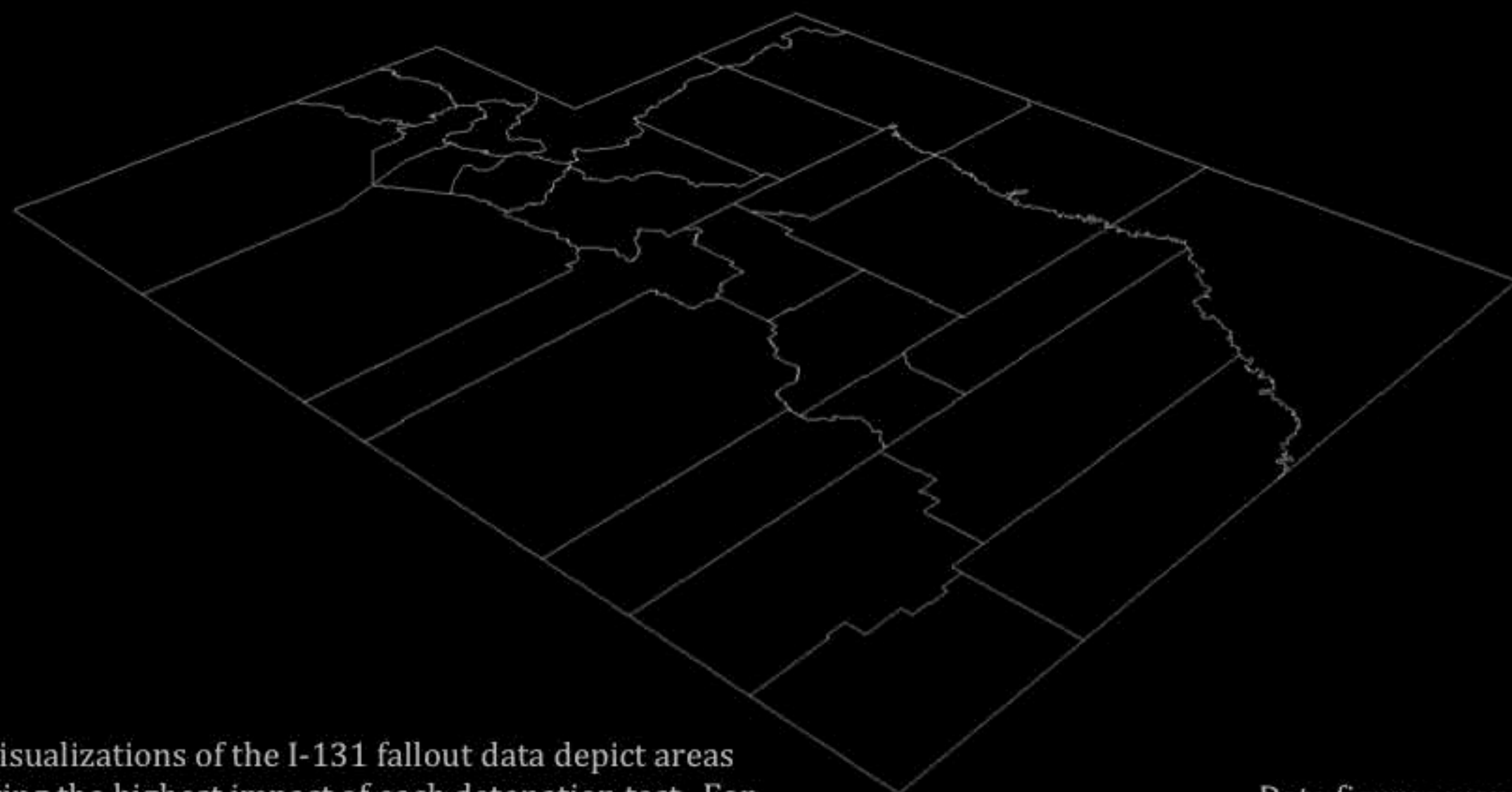
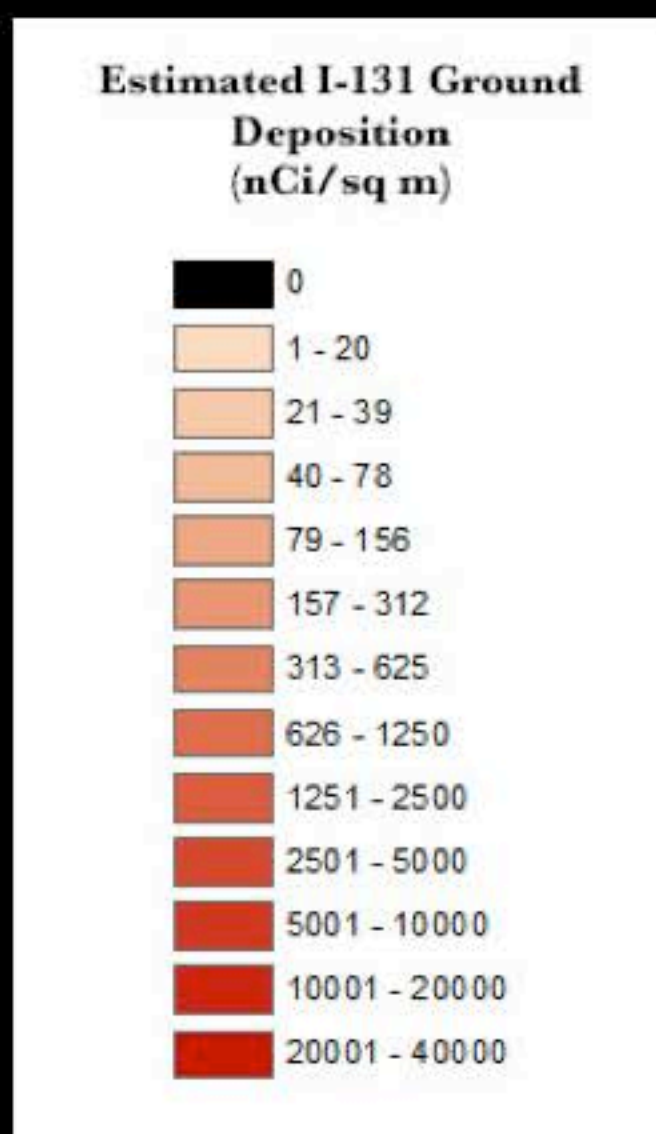


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Hardtack II Rio Arriba Event October 18, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Rio Arriba occurred within Area 7 of the testing boundaries.

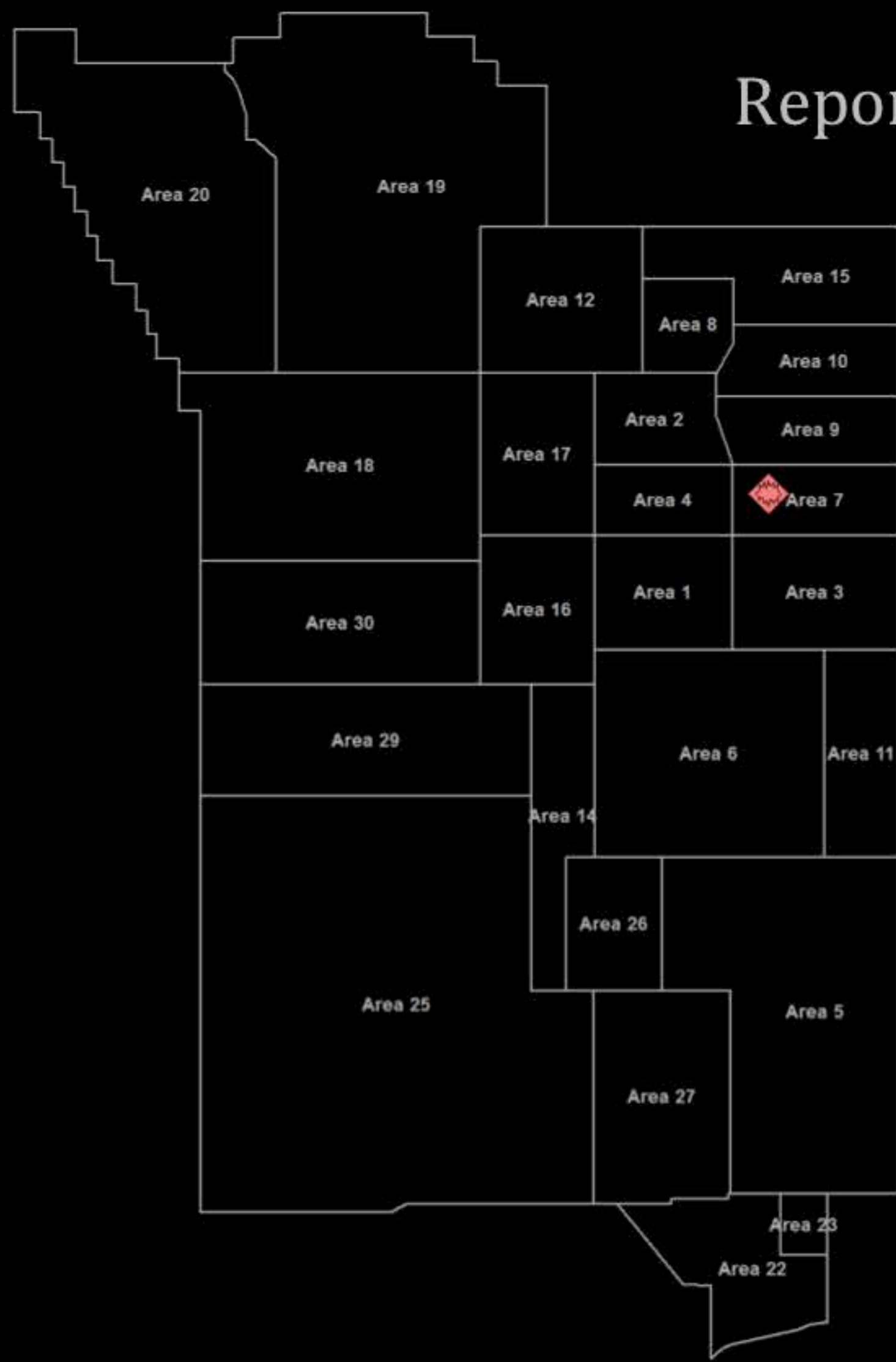


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

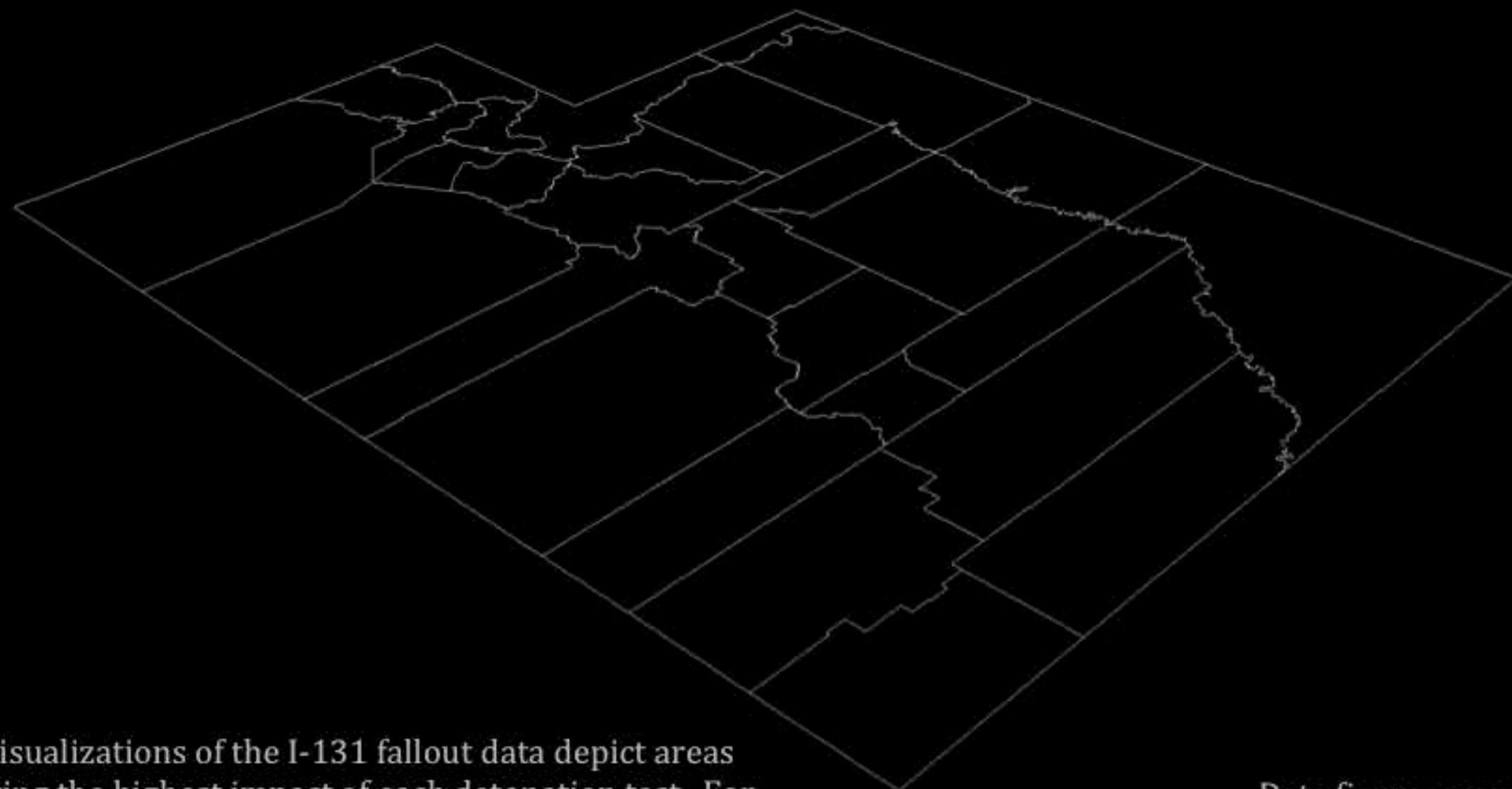
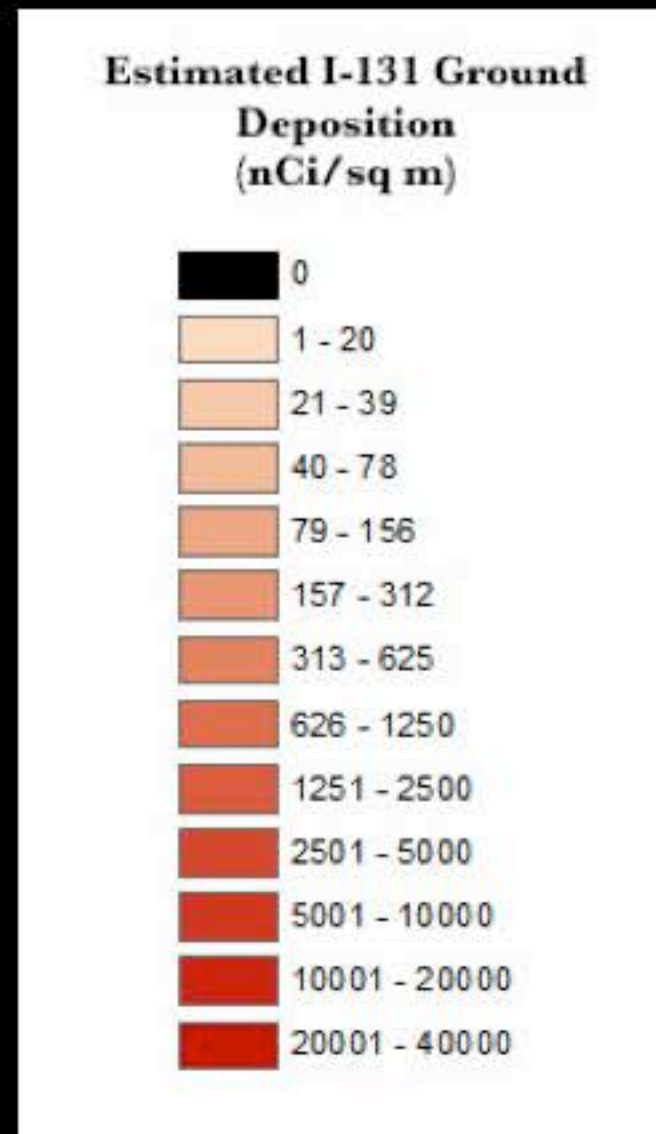


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Hardtack II Socorro Event October 22, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Socorro occurred within Area 7 of the testing boundaries.

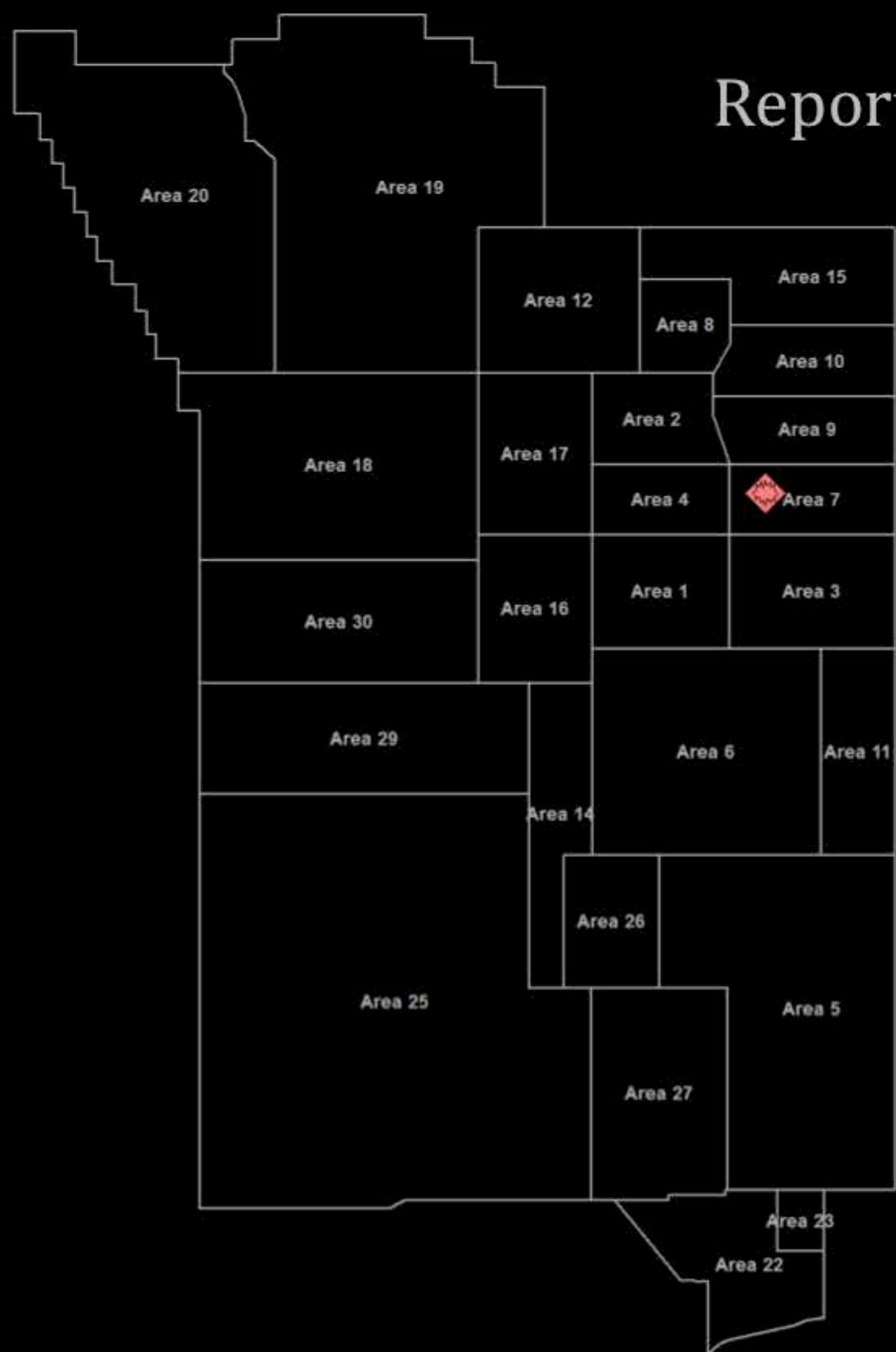


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

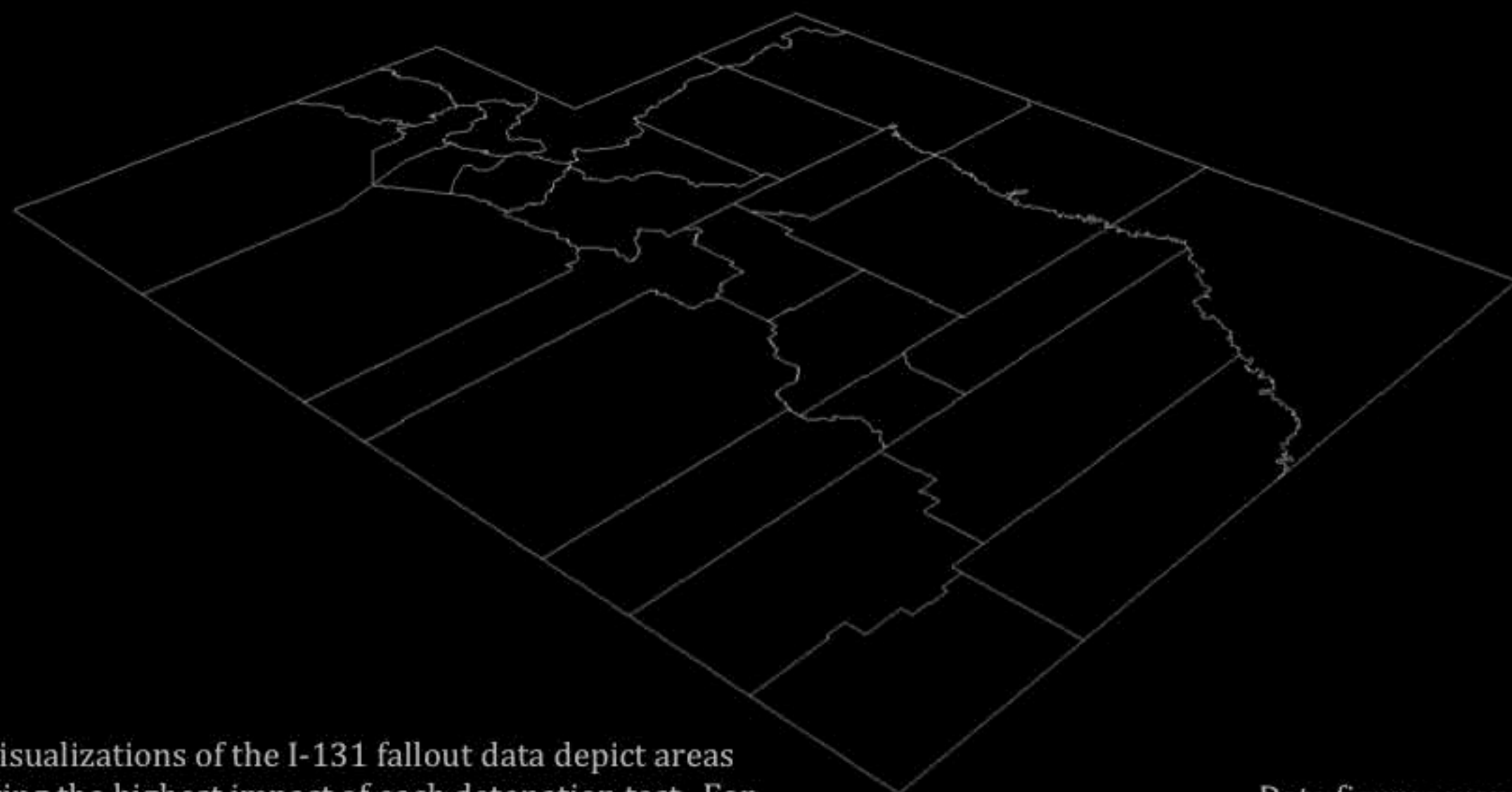
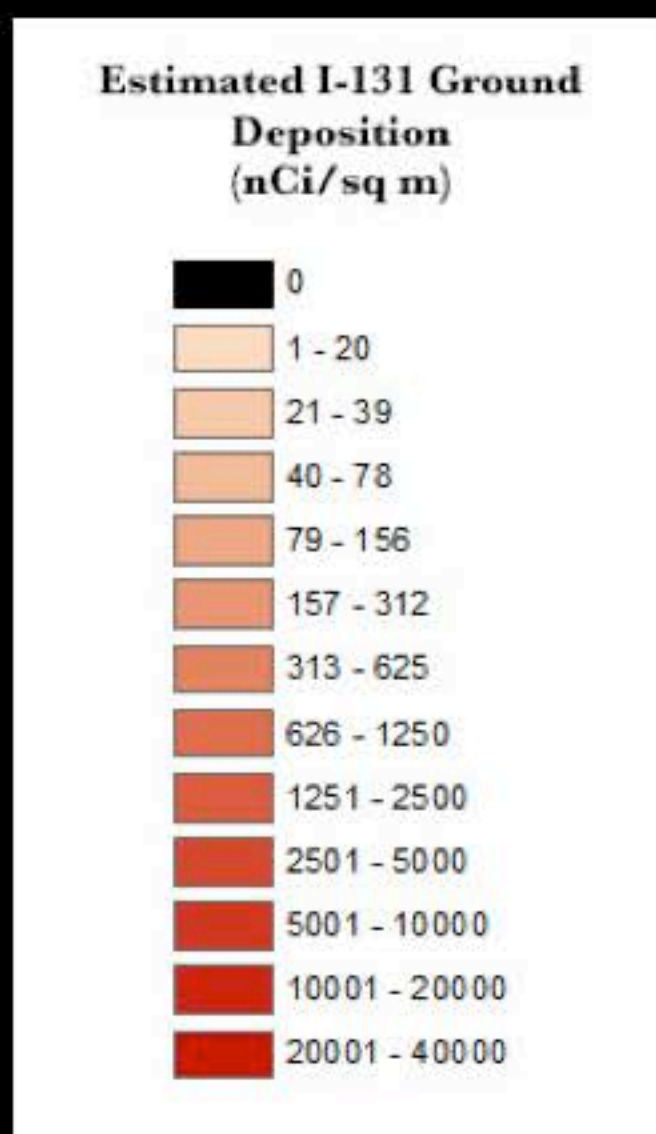


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Hardtack II Wrangell Event October 22, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Wrangell occurred within Area 7 of the testing boundaries.

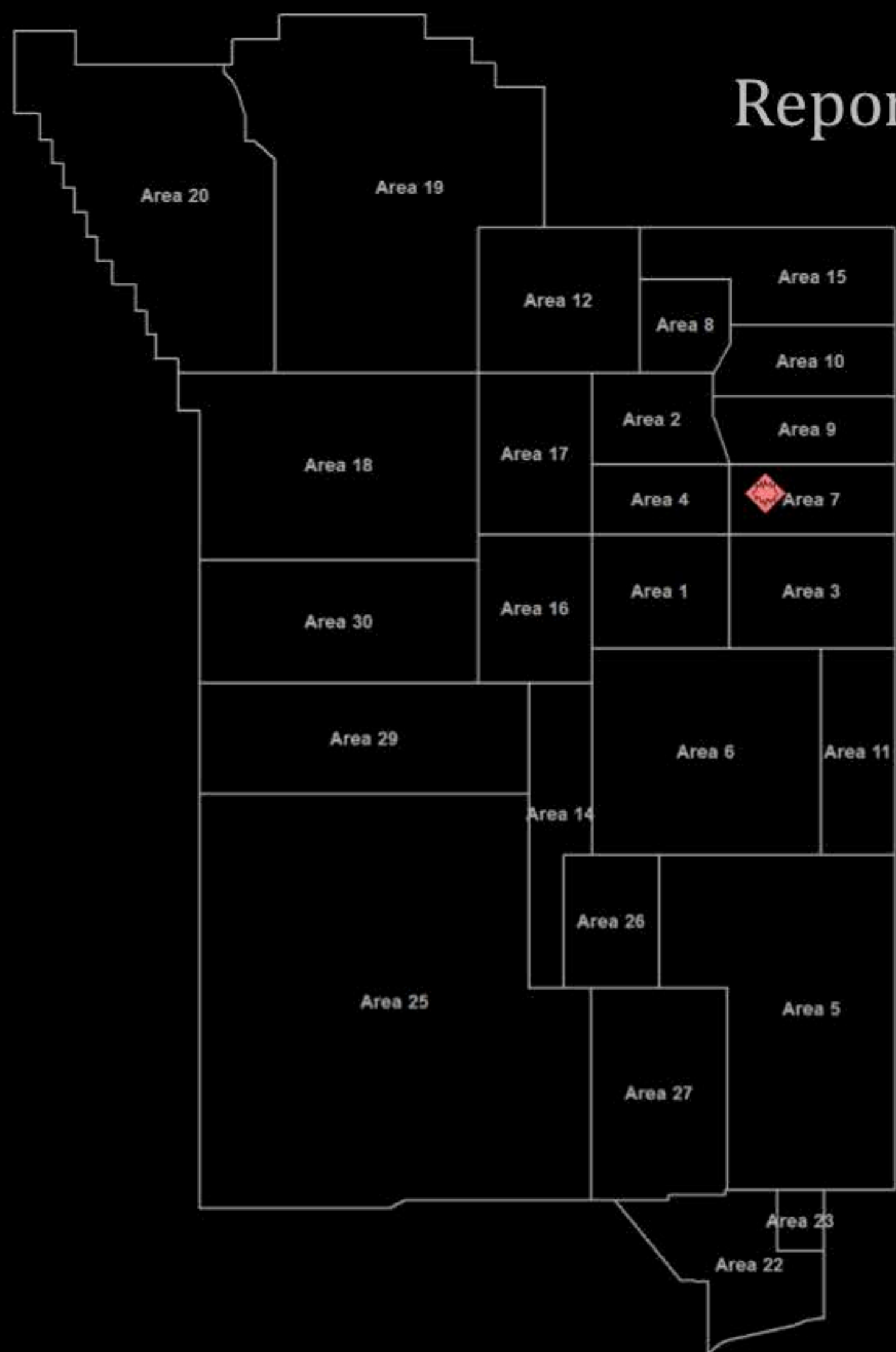


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

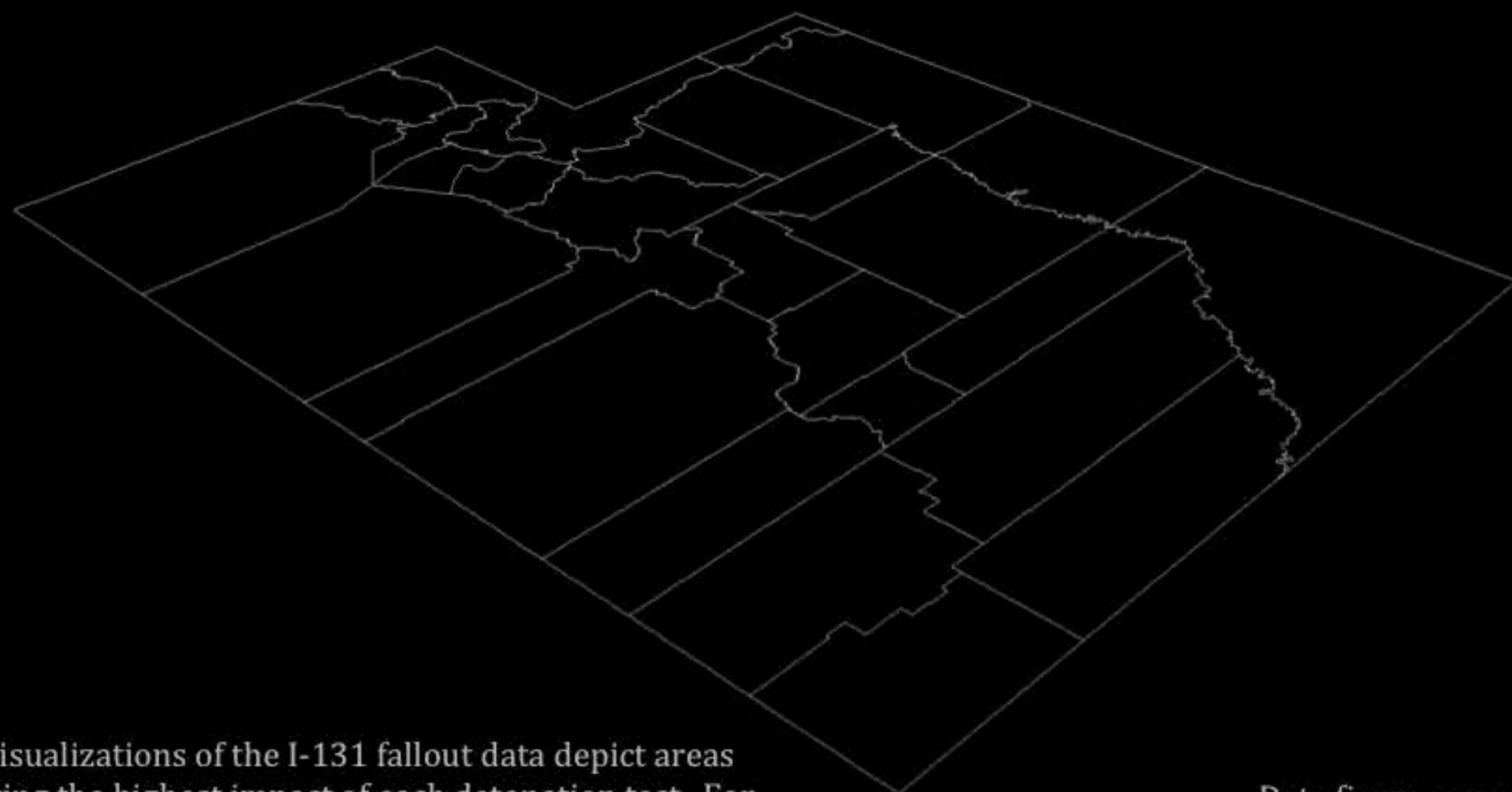
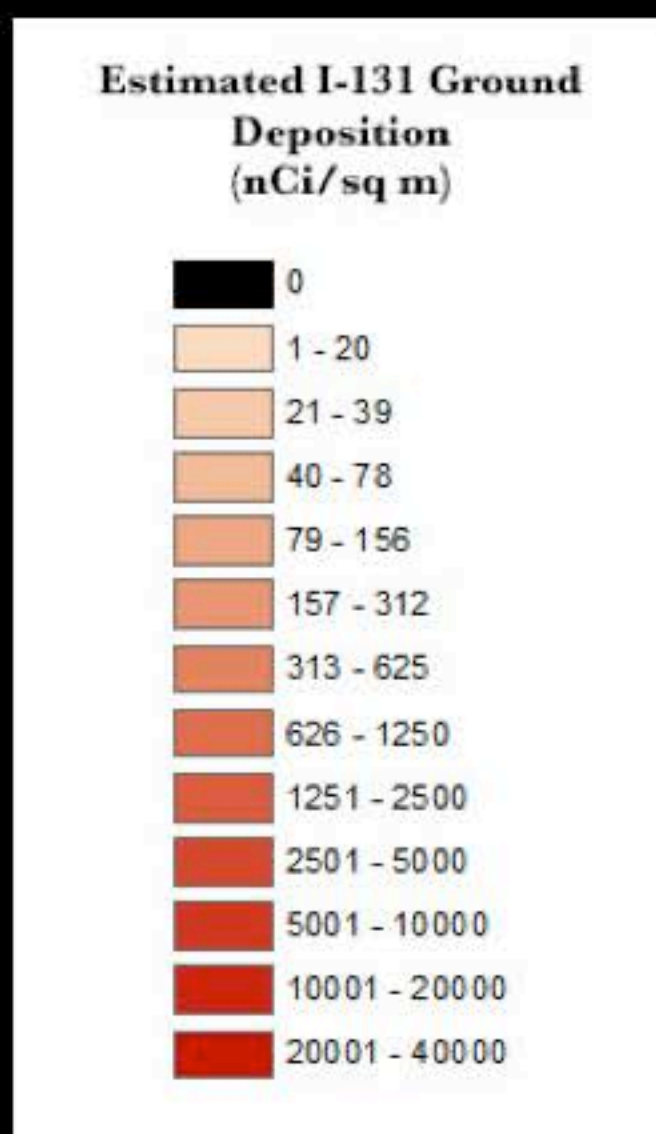


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Hardtack II Sanford Event October 26, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Sanford occurred within Area 7 of the testing boundaries.

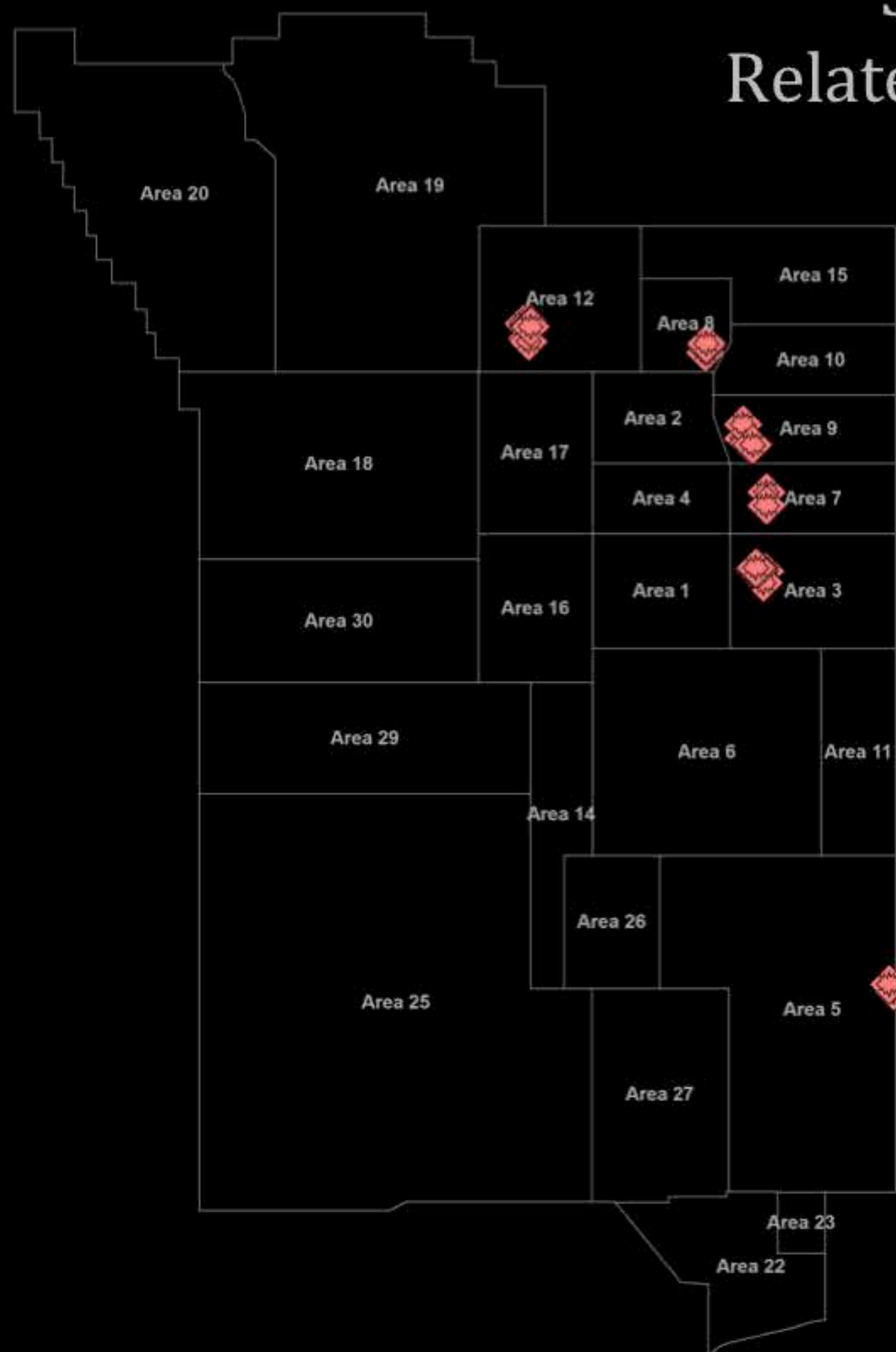


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.



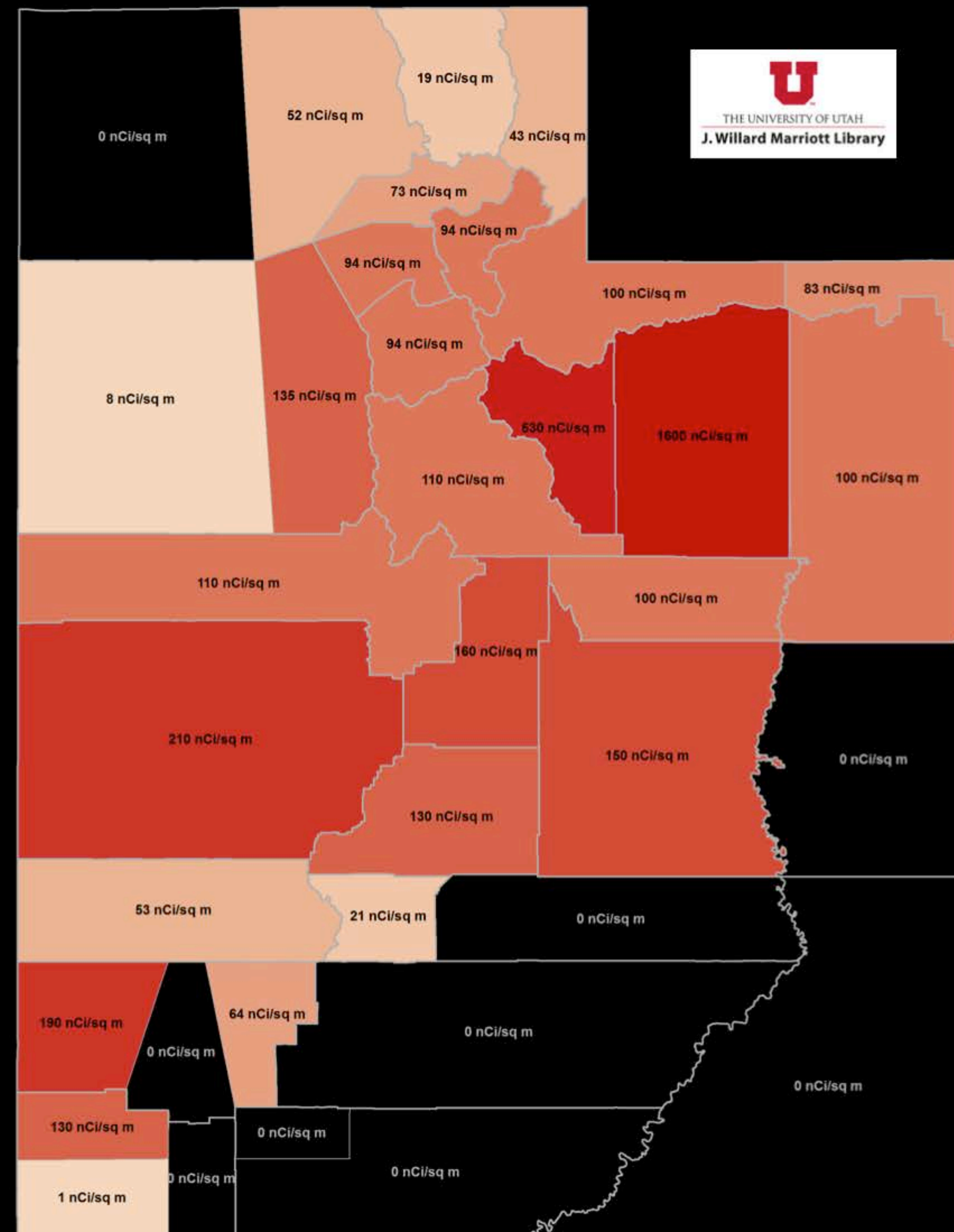
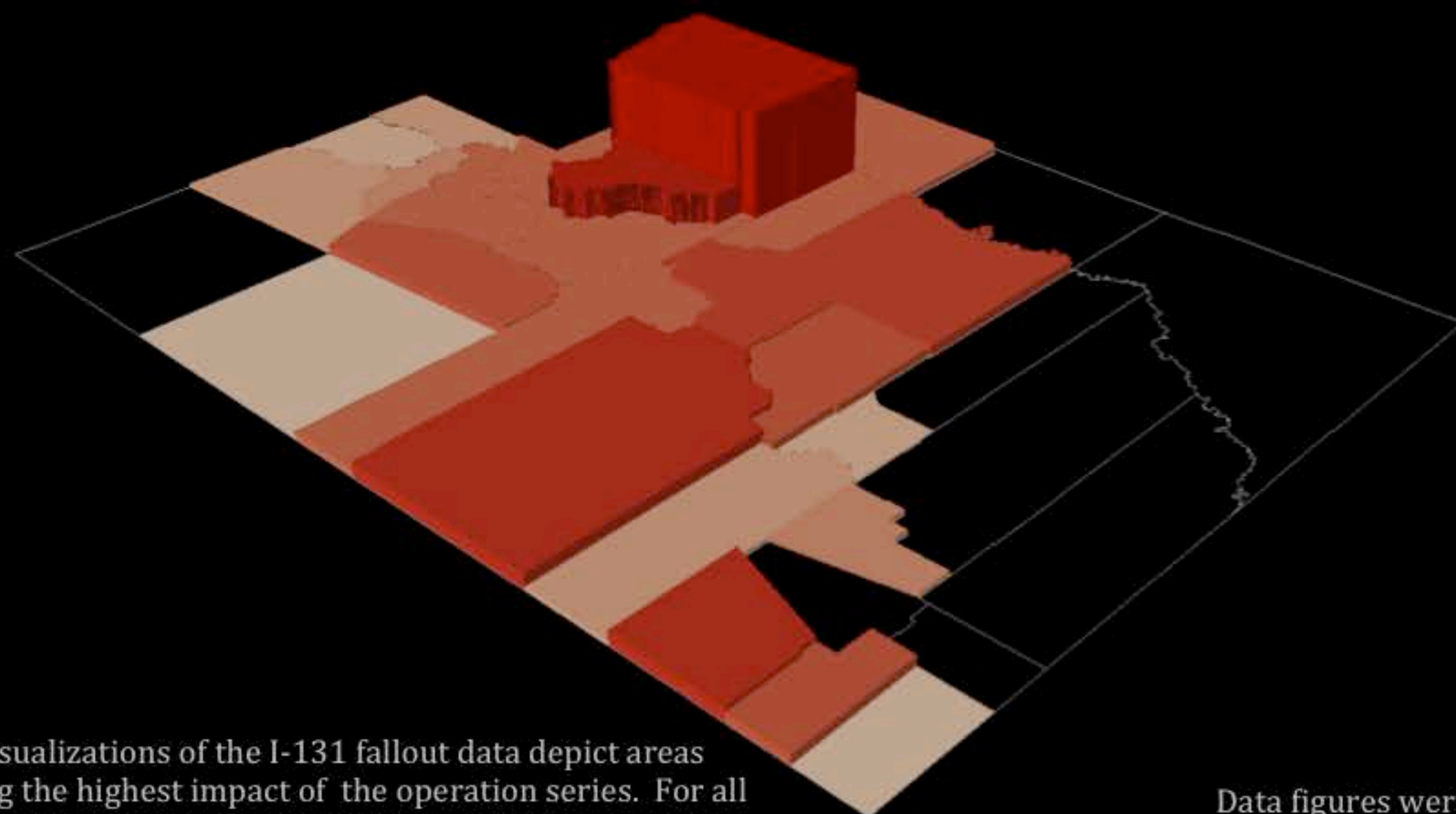
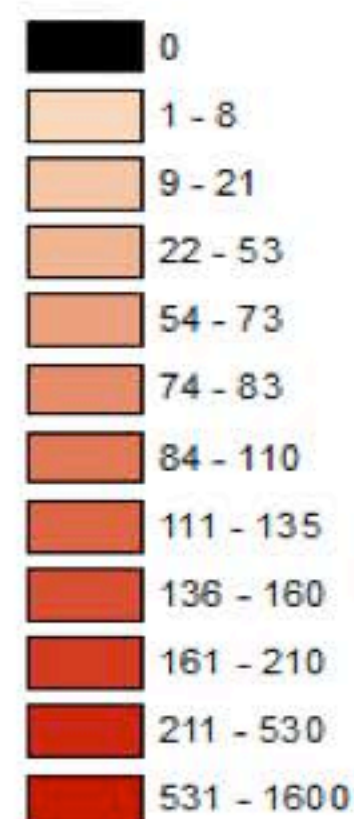
Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

Summarized I-131 Ground Deposition Levels Related to All Operation Hardtack II Atmospheric Tests September 12, 1958 – October 30, 1958



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. During the Operation Hardtack II series, 37 tests were conducted; however, only 9 of these tests were included in the National Cancer Institute study.

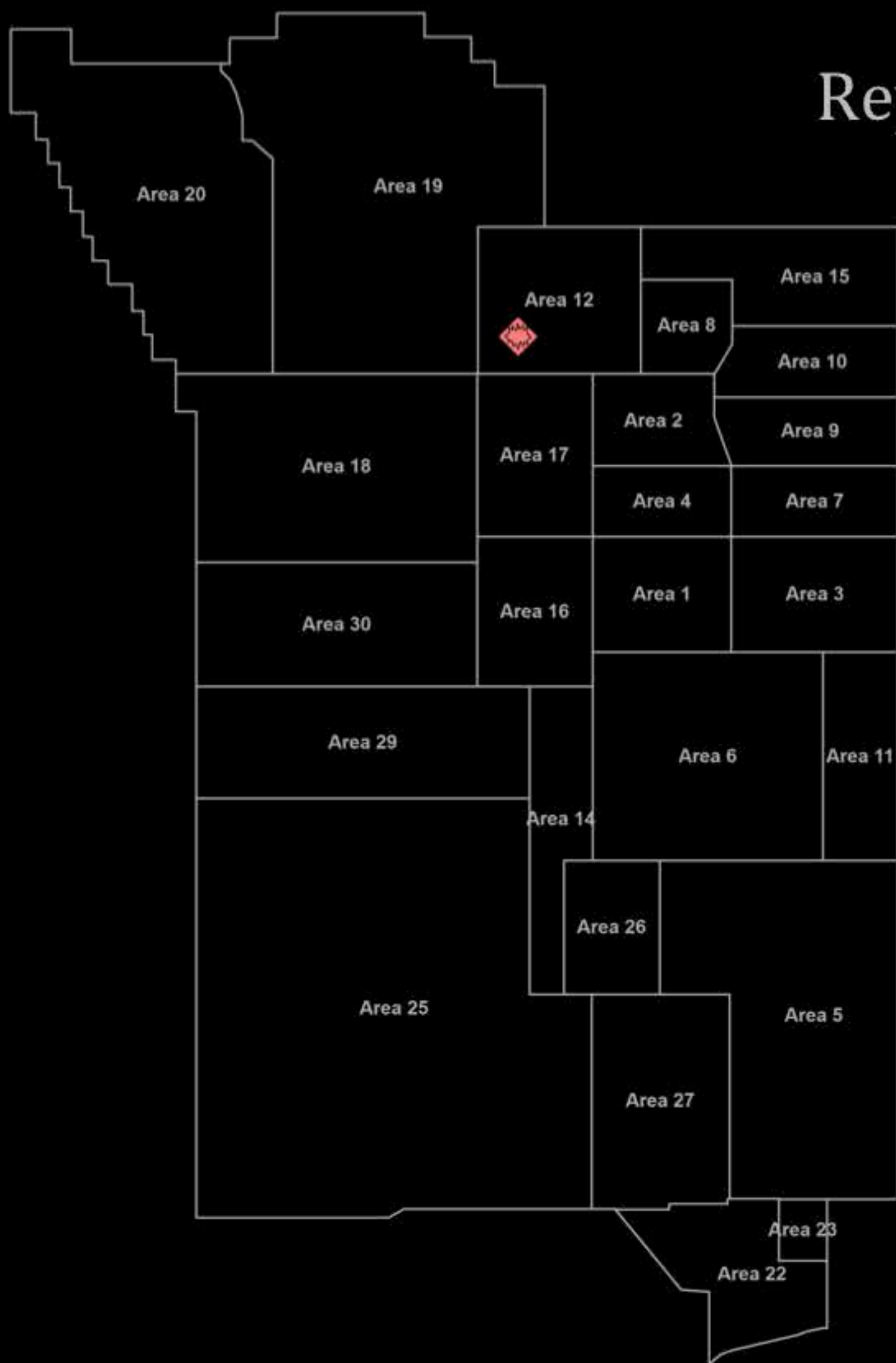
Estimated I-131 Ground Deposition (nCi/sq m)



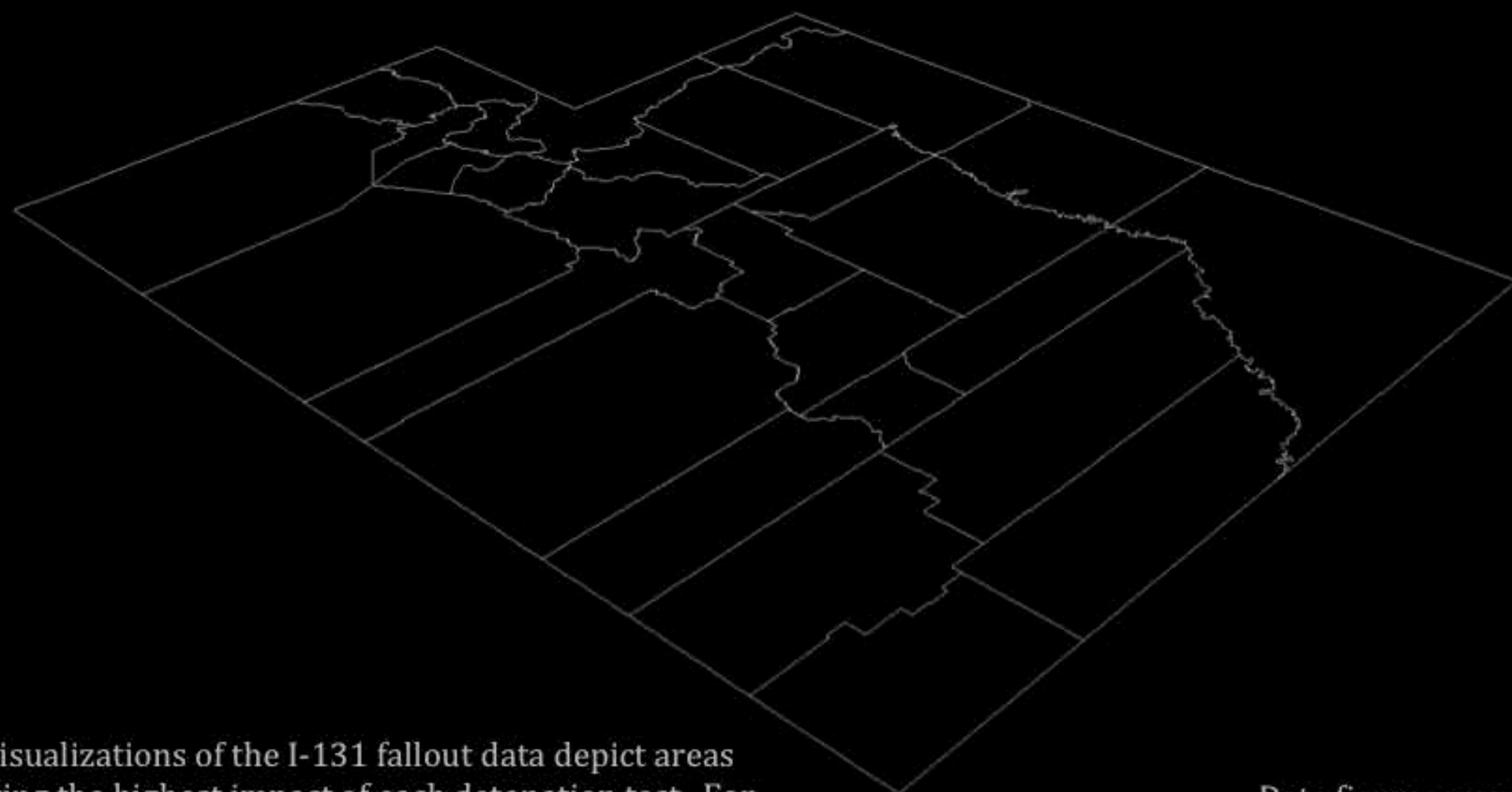
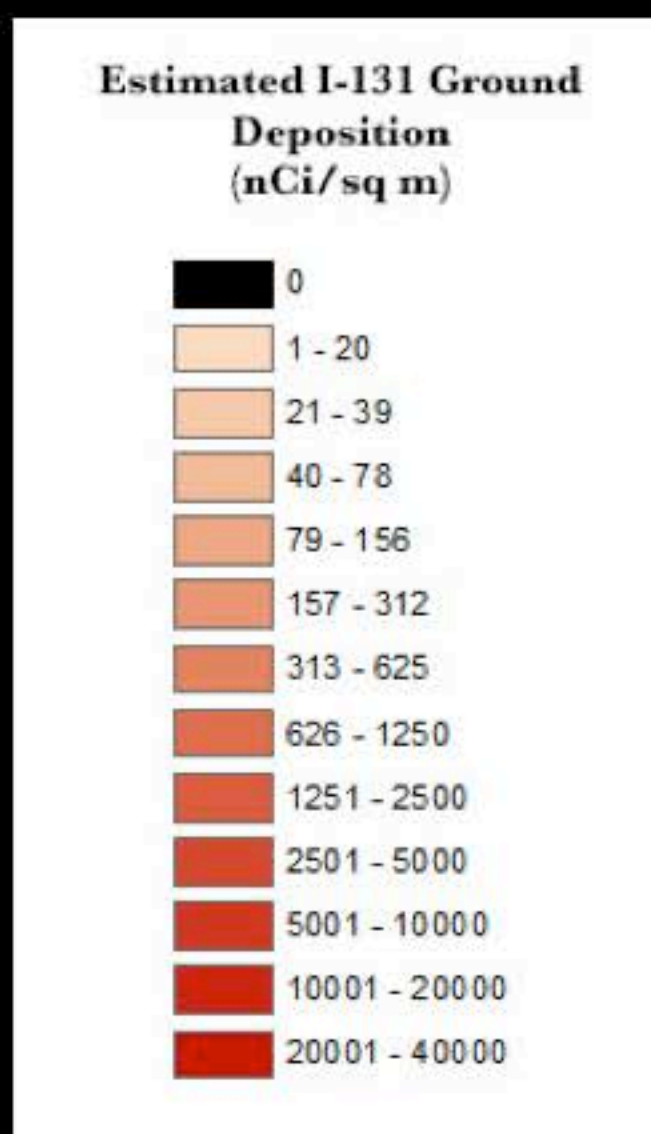
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of the operation series. For all tests conducted during the Operation Hardtack II series, the data shows the highest summarized level of fallout located in Duchesne county @ 1,600 nCi/sq m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the summarized geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to all events of the Operation Hardtack II series.

I-131 Ground Deposition Levels Reported for the Operation Nougat Antler Event September 15, 1961



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Antler occurred within Area 12 of the testing boundaries.

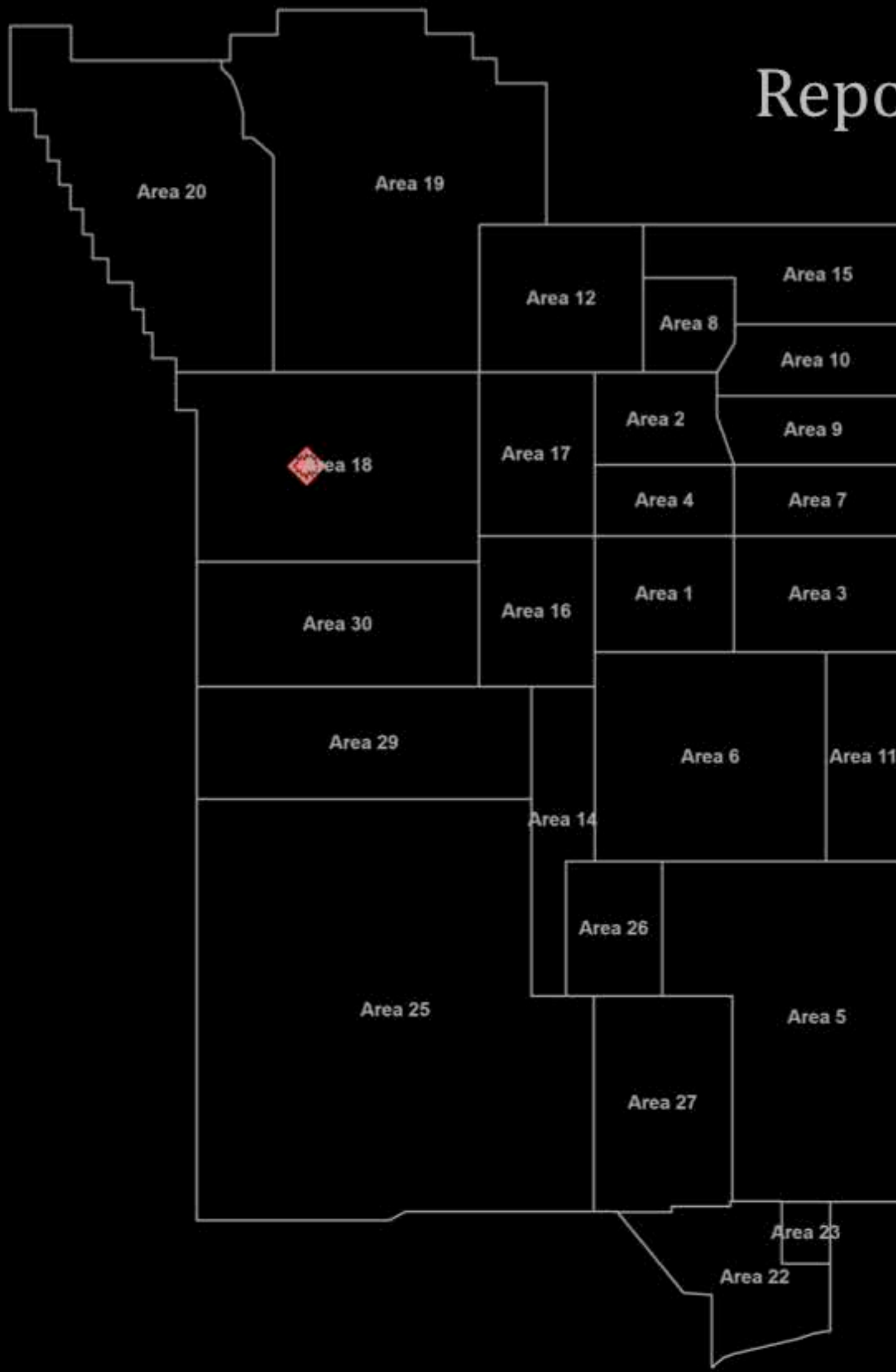


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

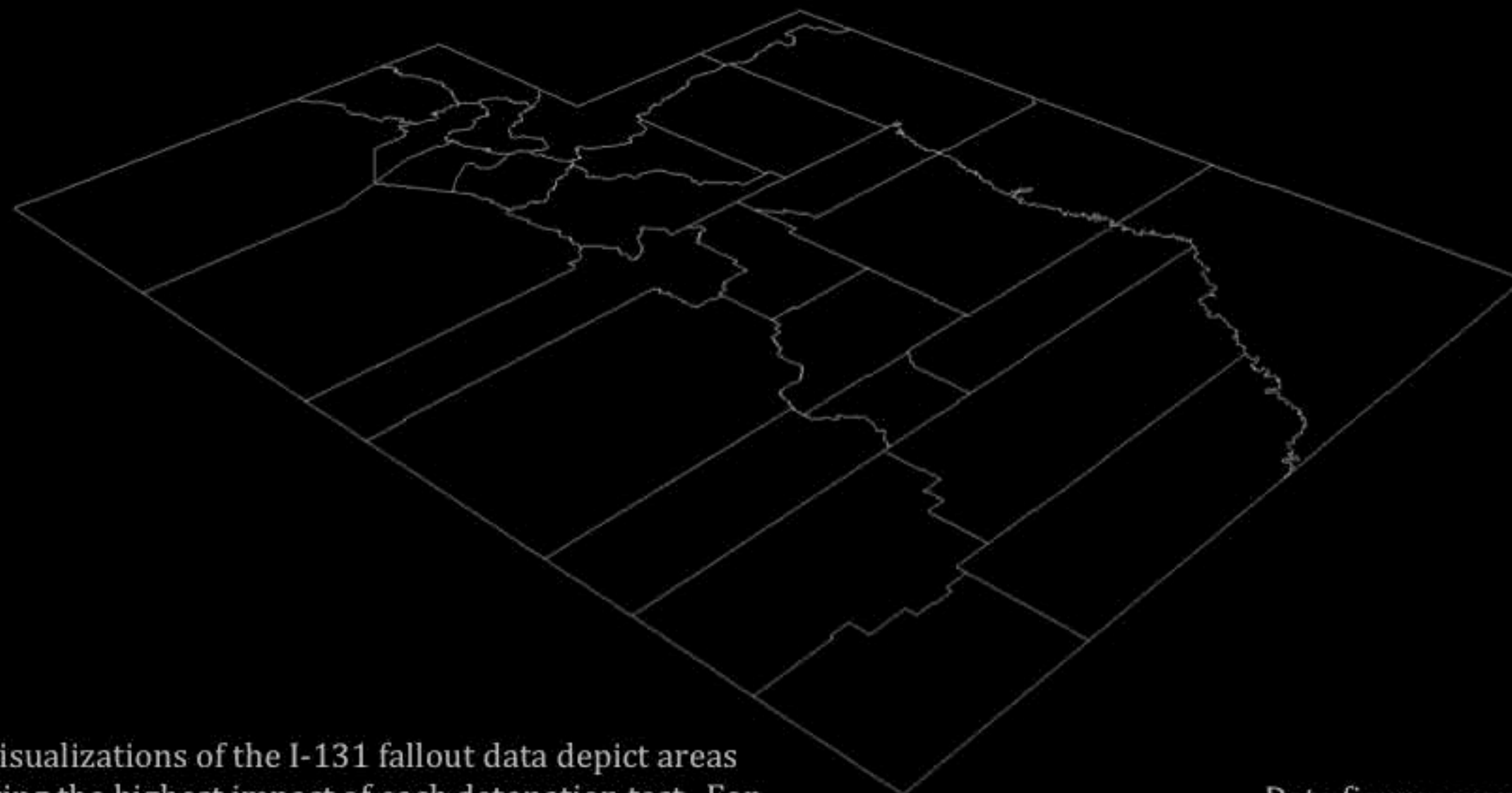
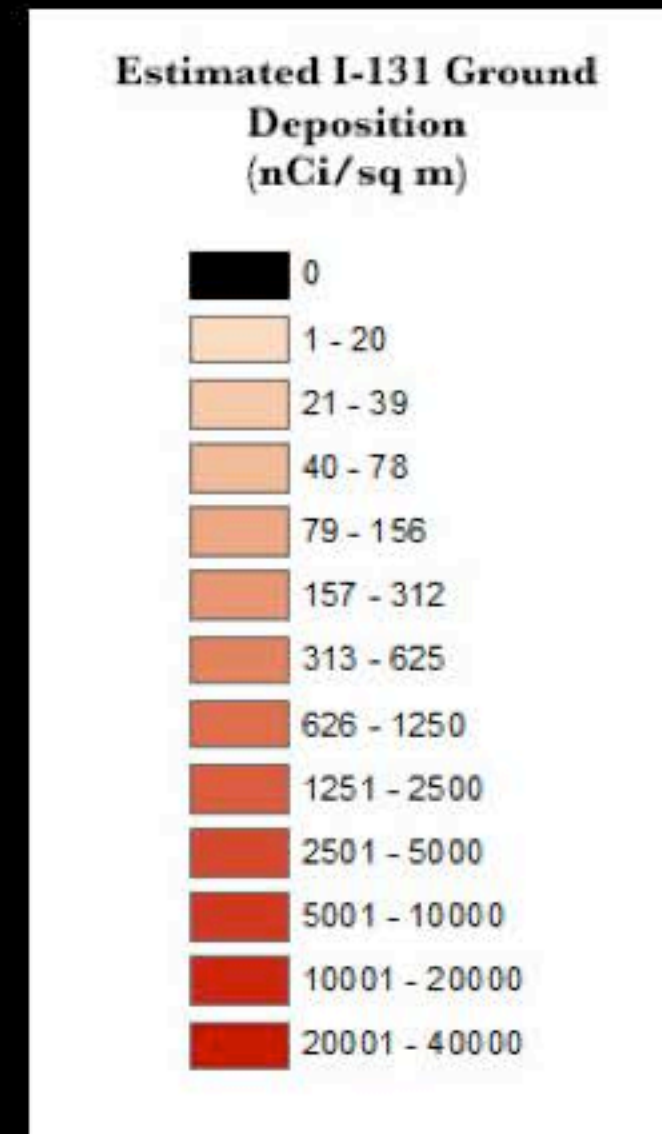


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Nougat Danny Boy Event March 5, 1962



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Danny Boy occurred within Area 18 of the testing boundaries.

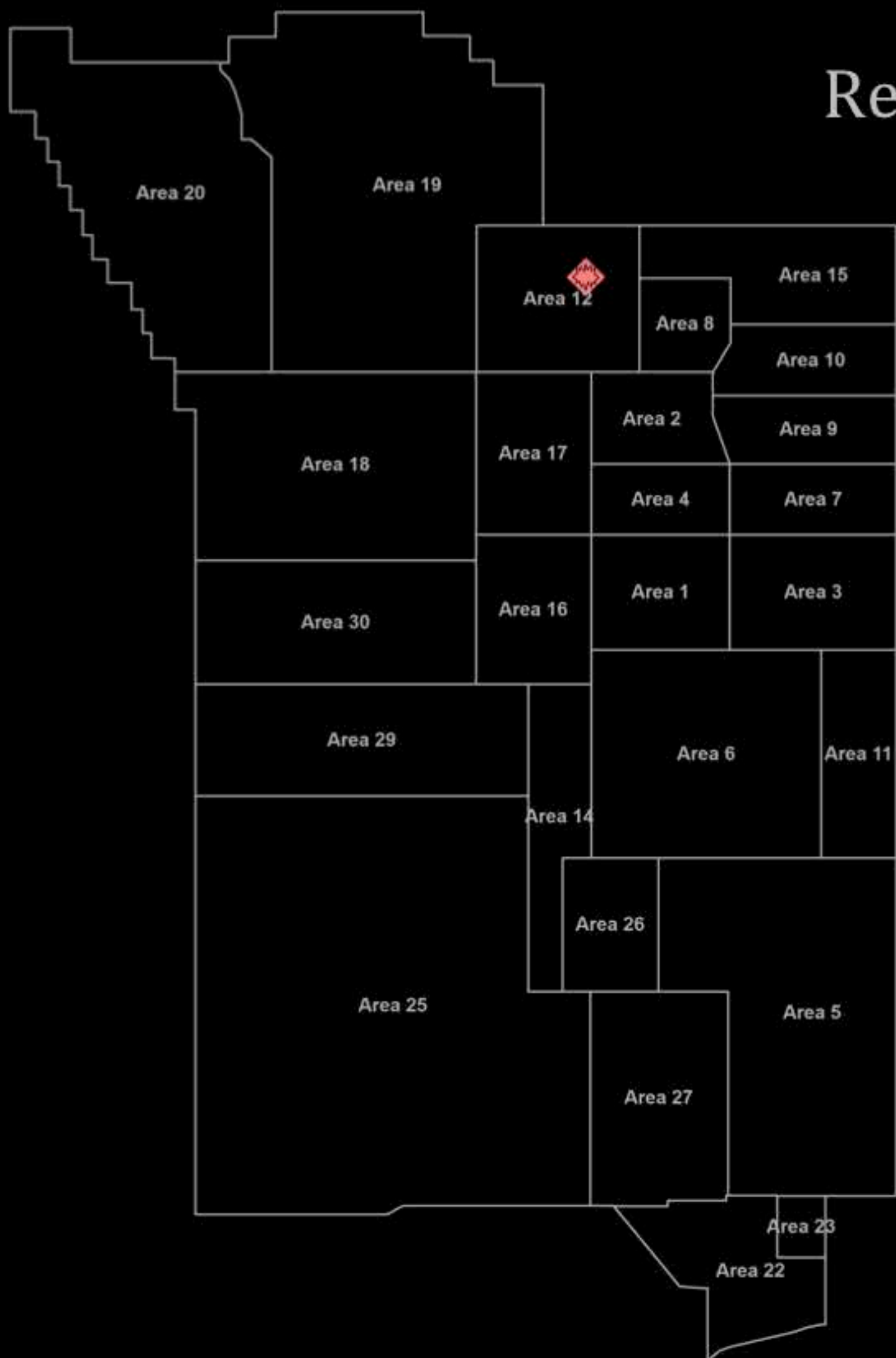


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

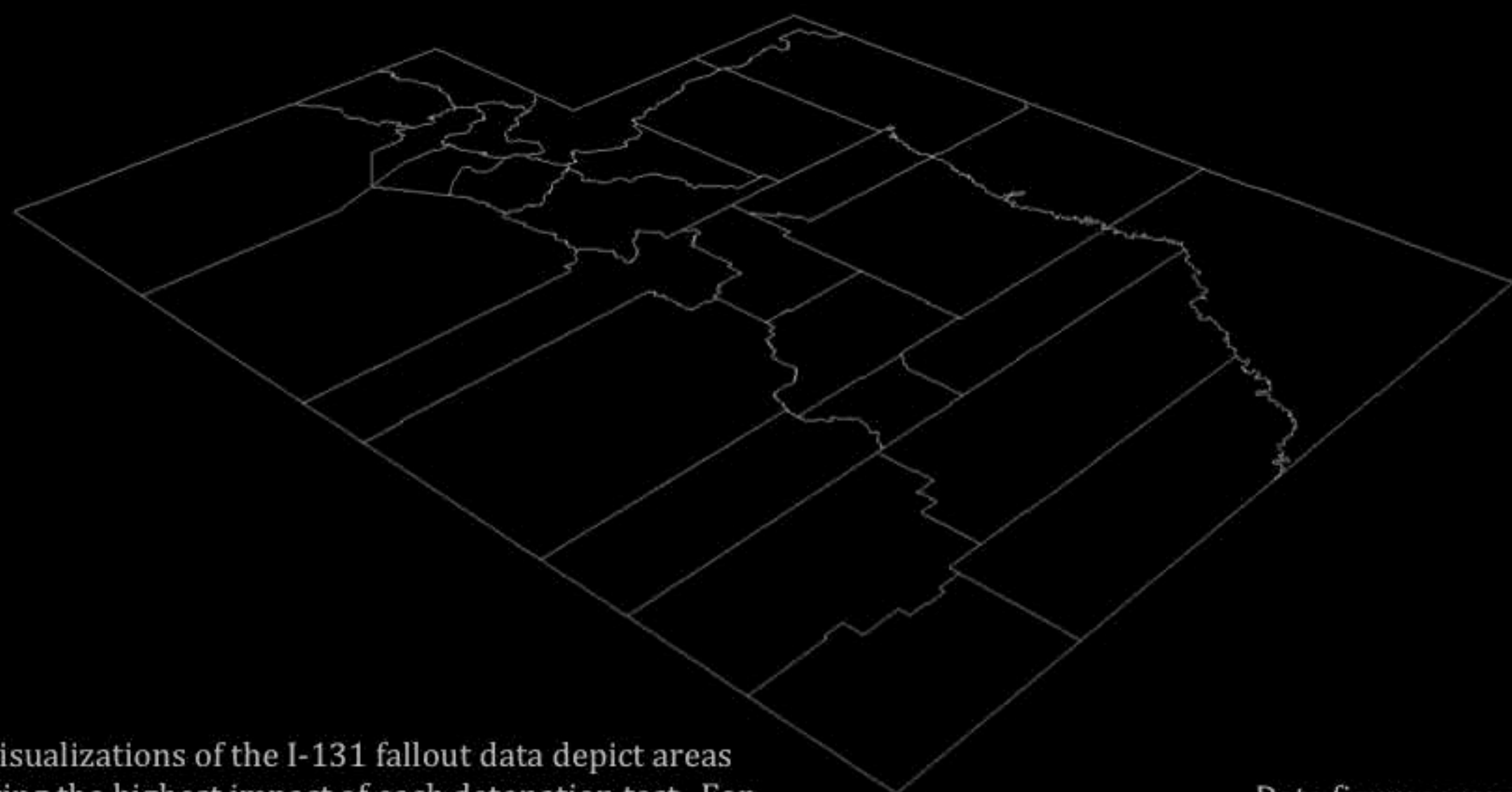
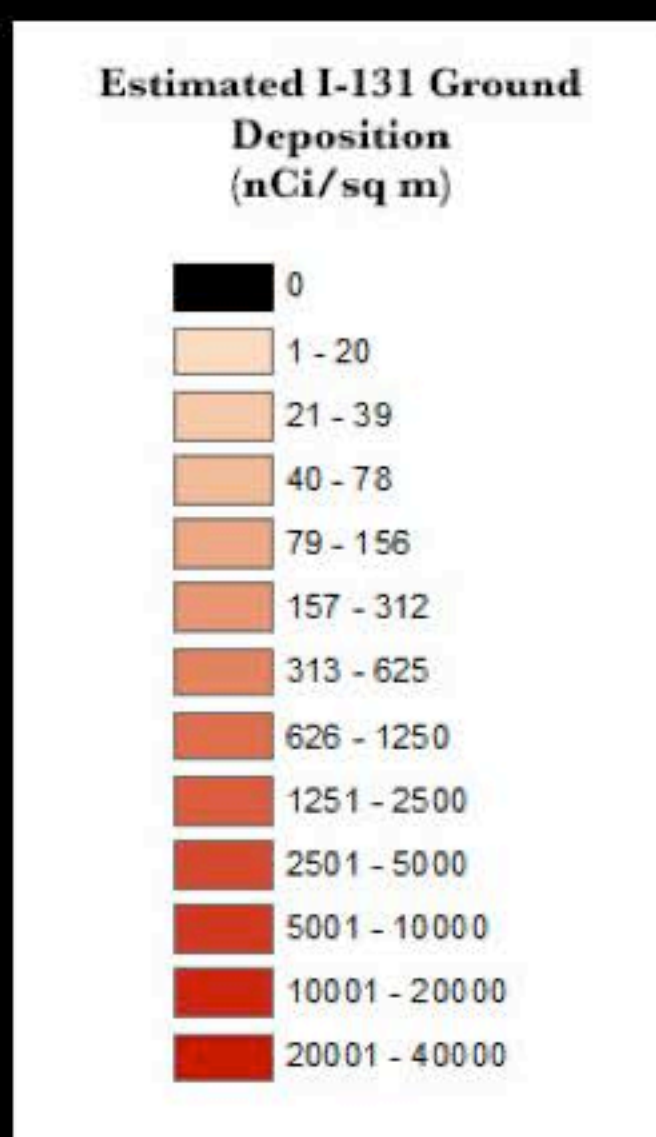


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Nougat Platte Event April 14, 1962



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Platte occurred within Area 12 of the testing boundaries.

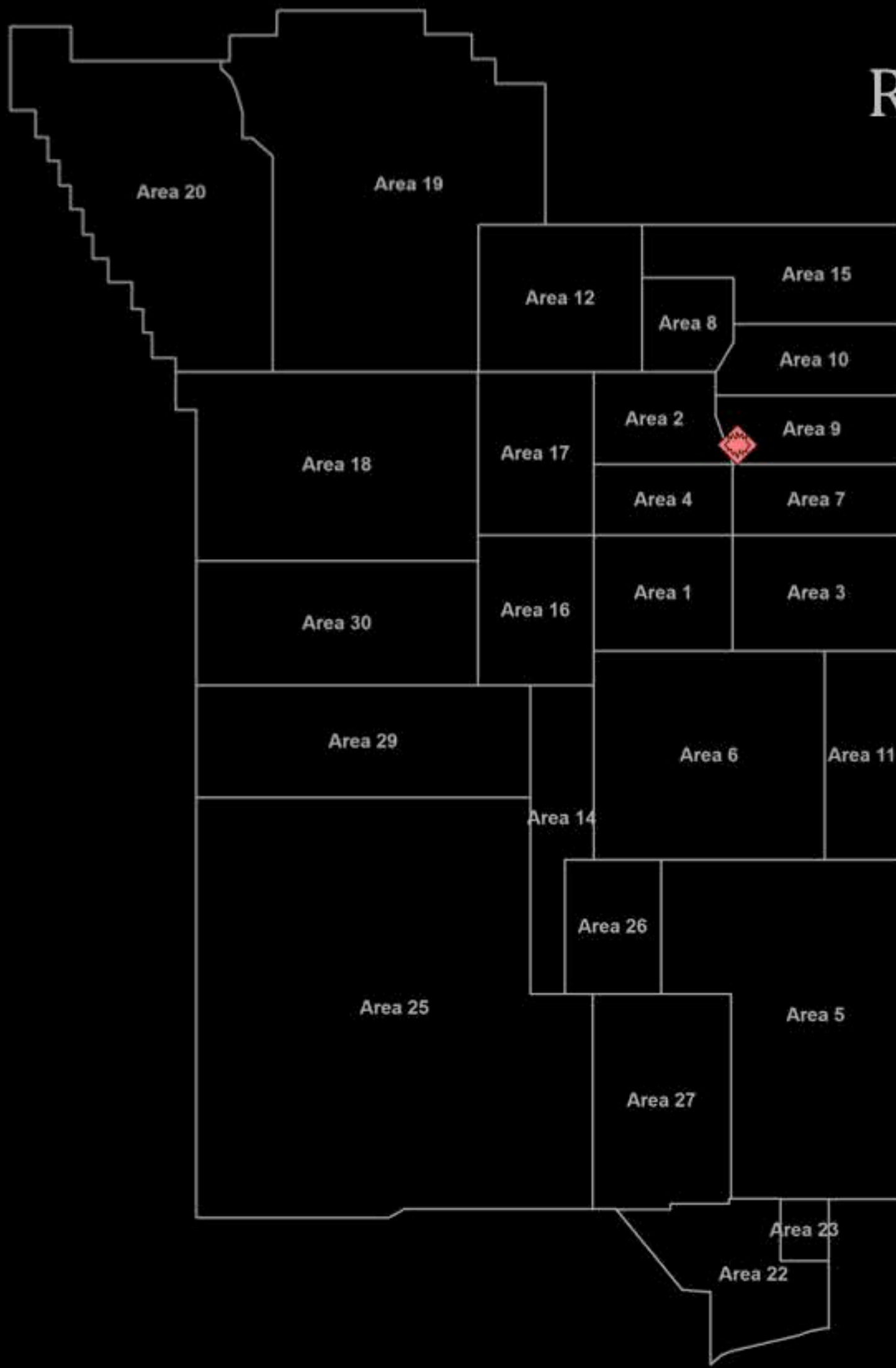


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

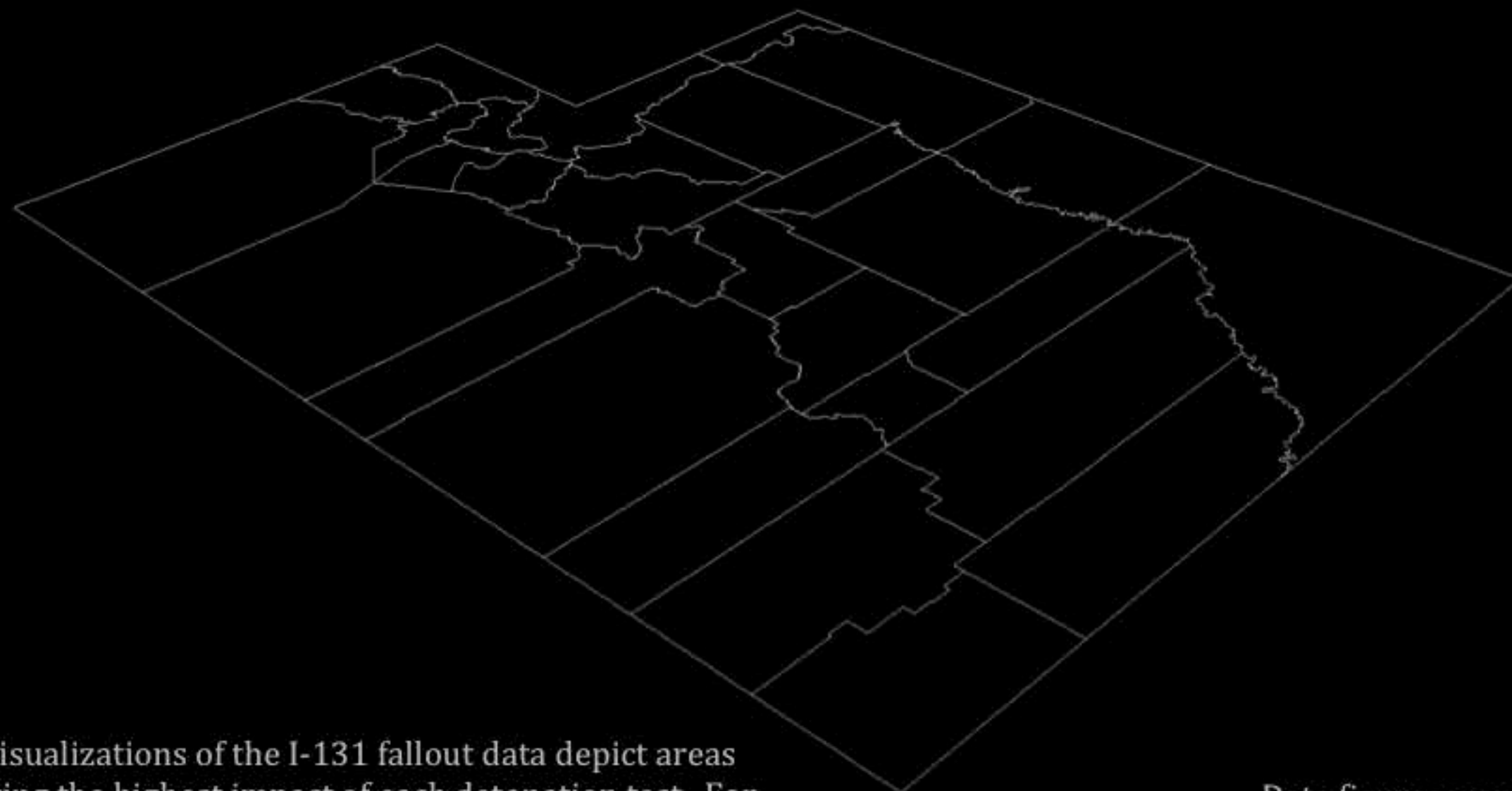
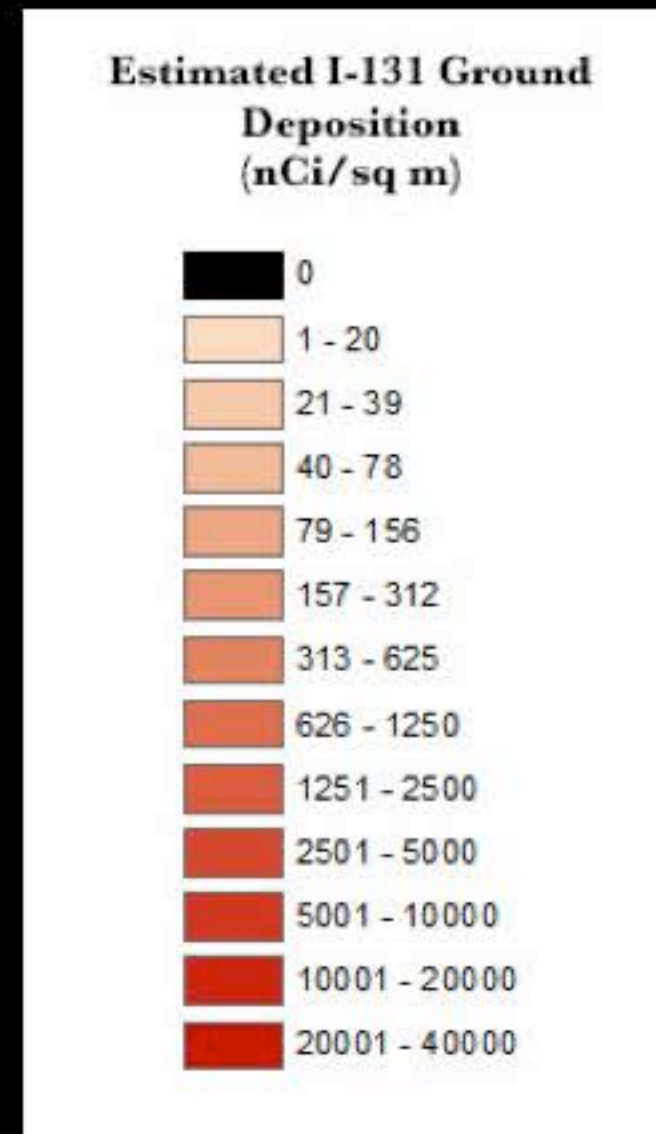


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Nougat Eel Event May 19, 1962



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Eel occurred within Area 9 of the testing boundaries.

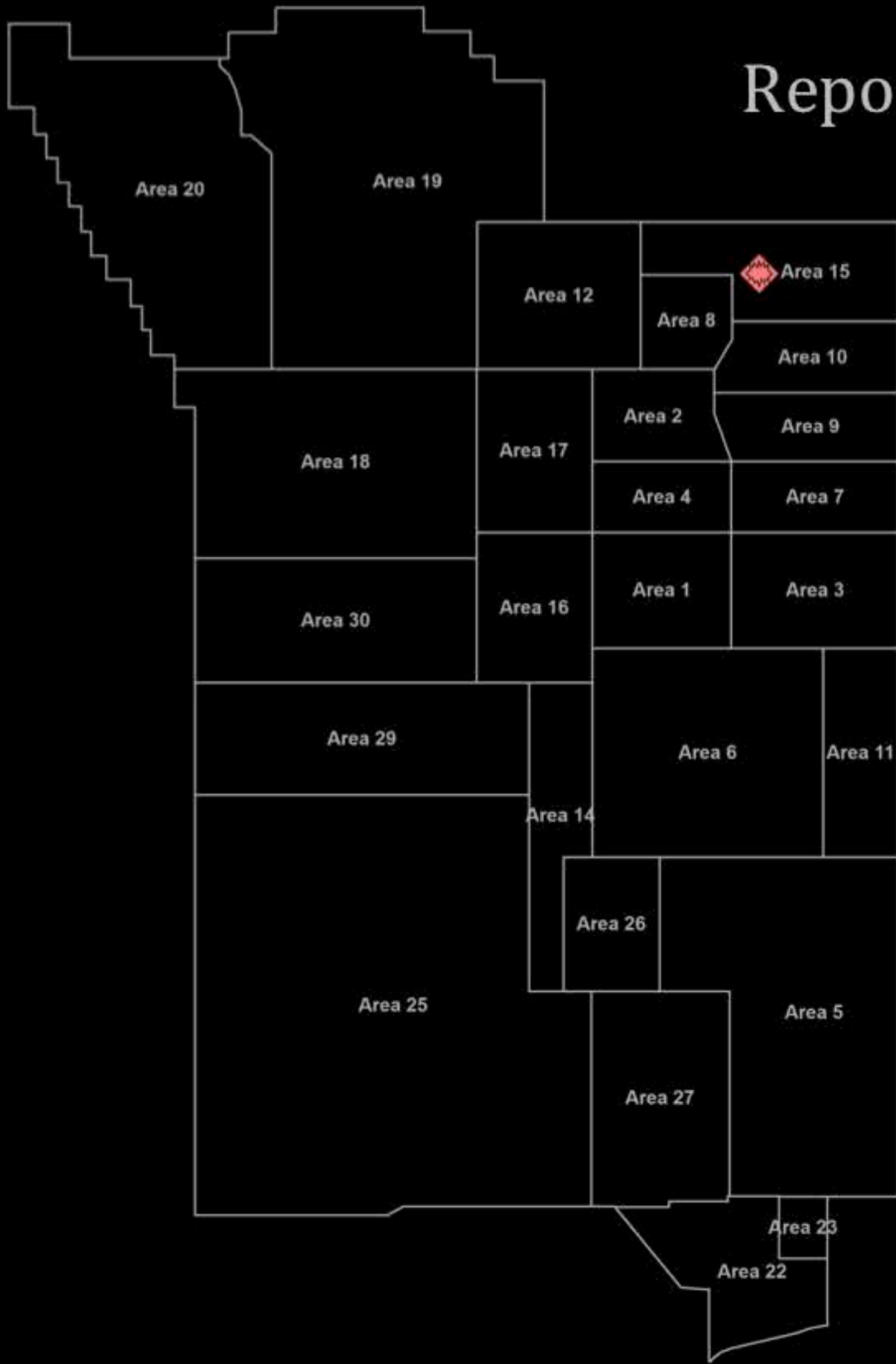


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

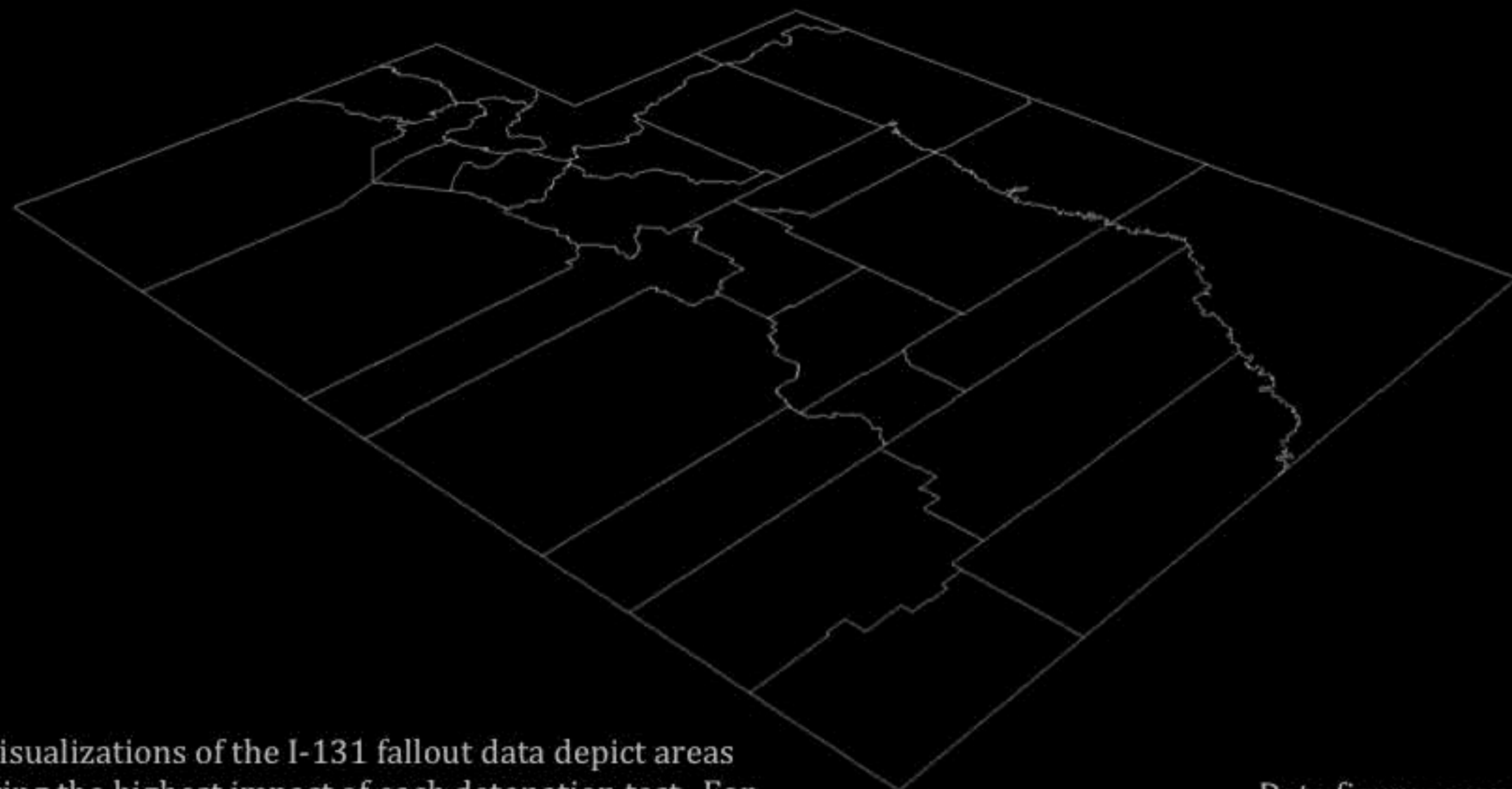
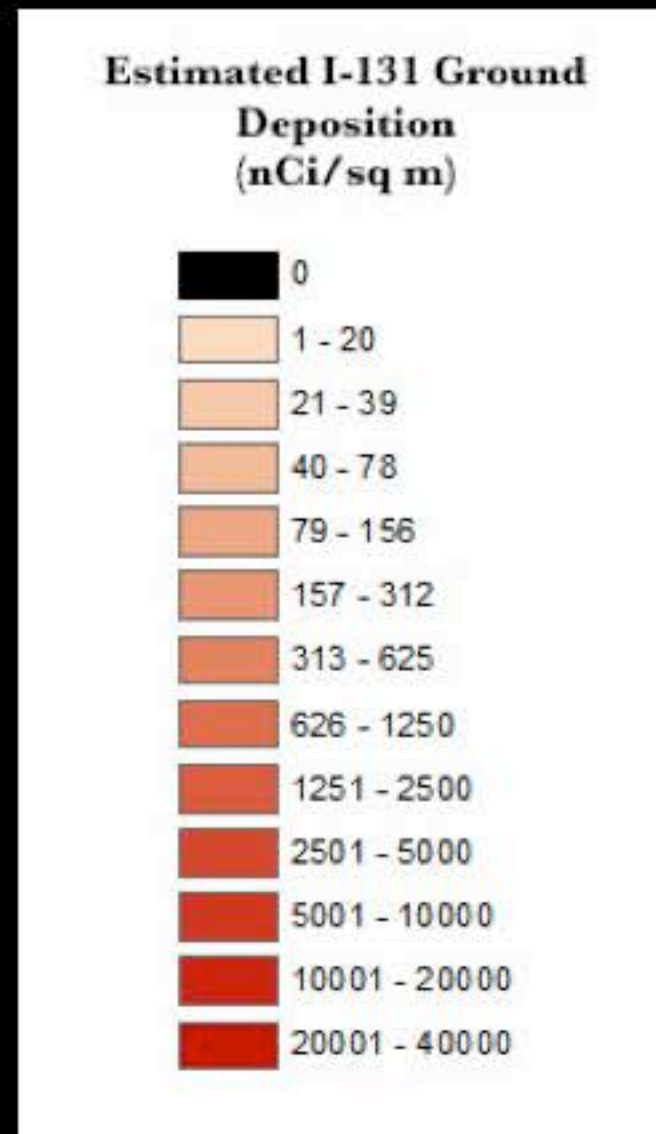


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Nougat Des Moines Event June 13, 1962



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Des Moines occurred within Area 15 of the testing boundaries.

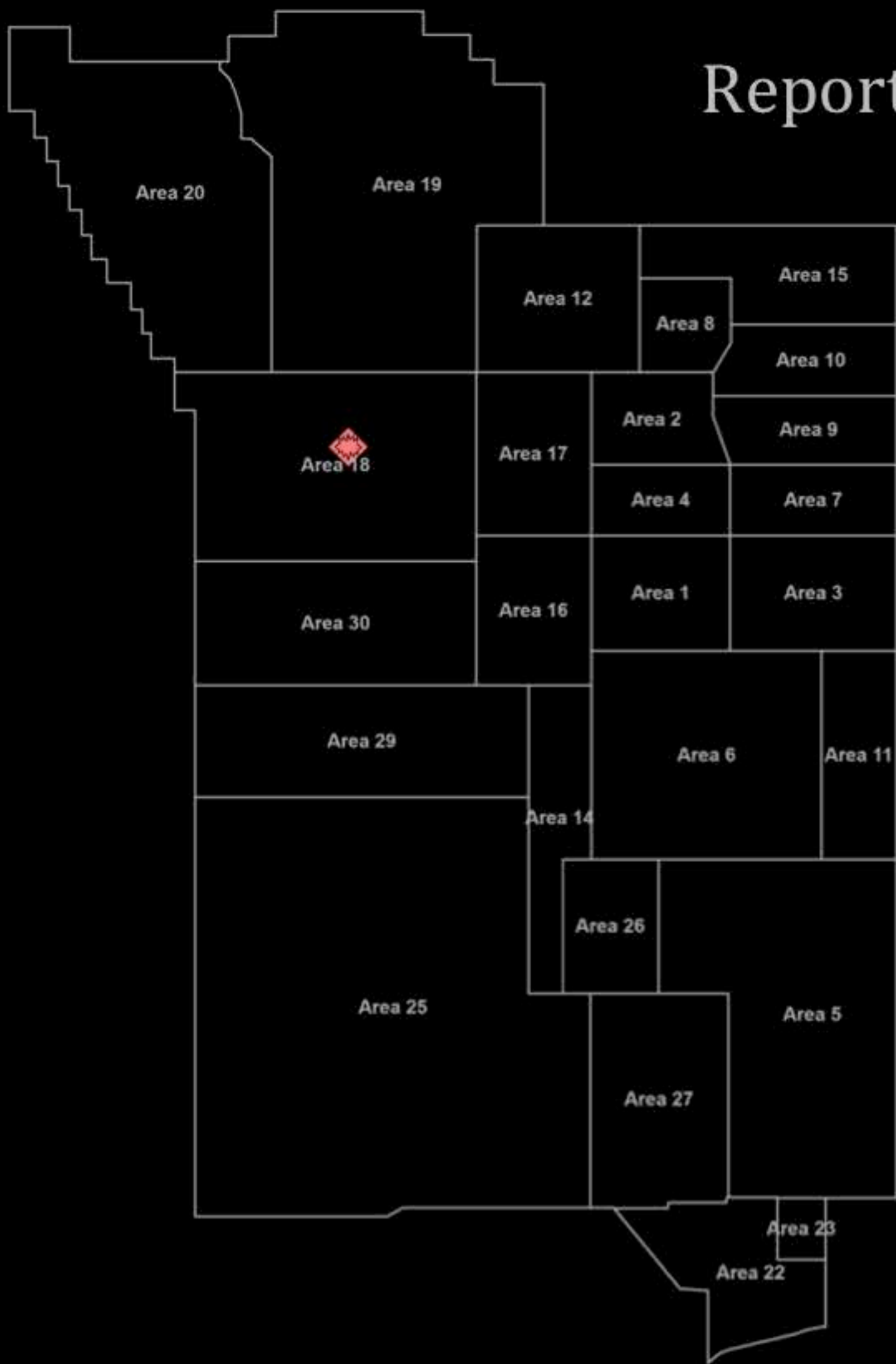


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

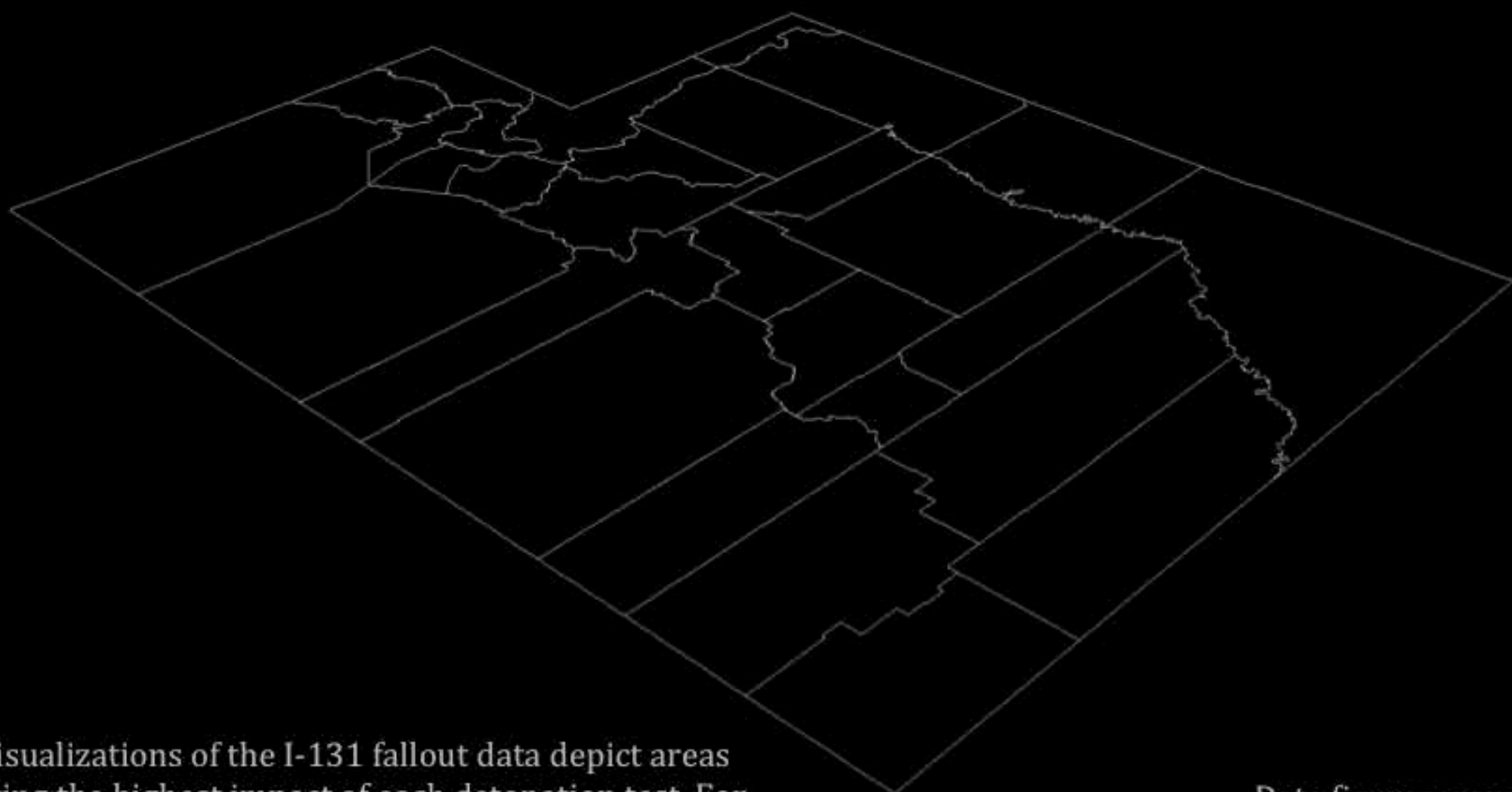
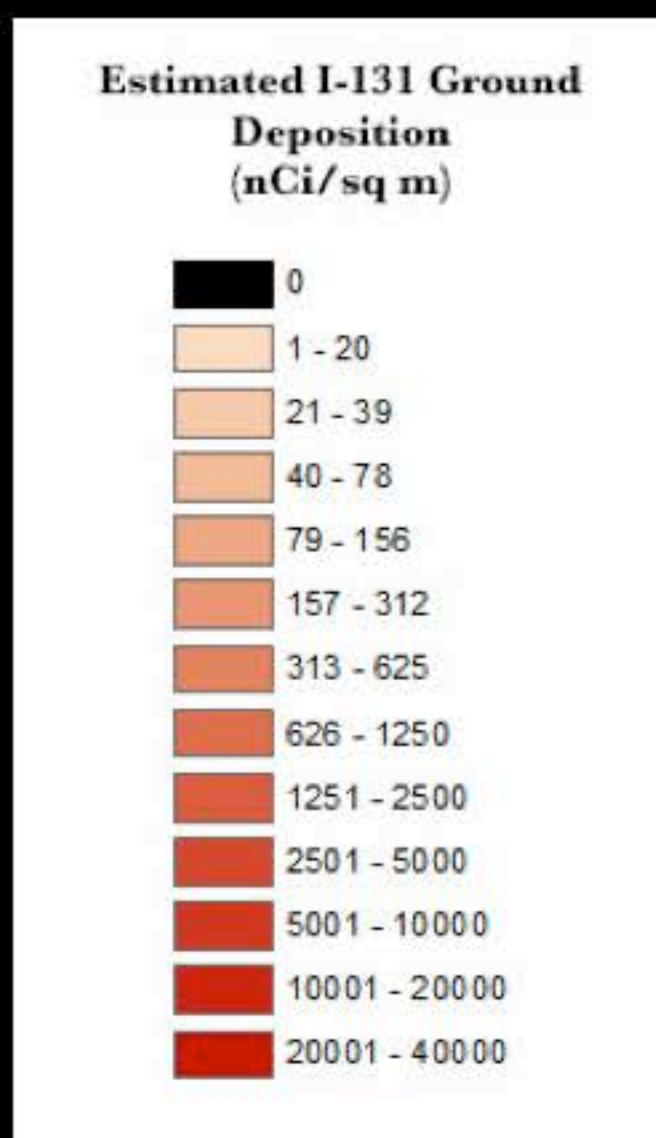


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Sunbeam Johnnie Boy Event July 11, 1962



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Johnnie Boy occurred within Area 18 of the testing boundaries.

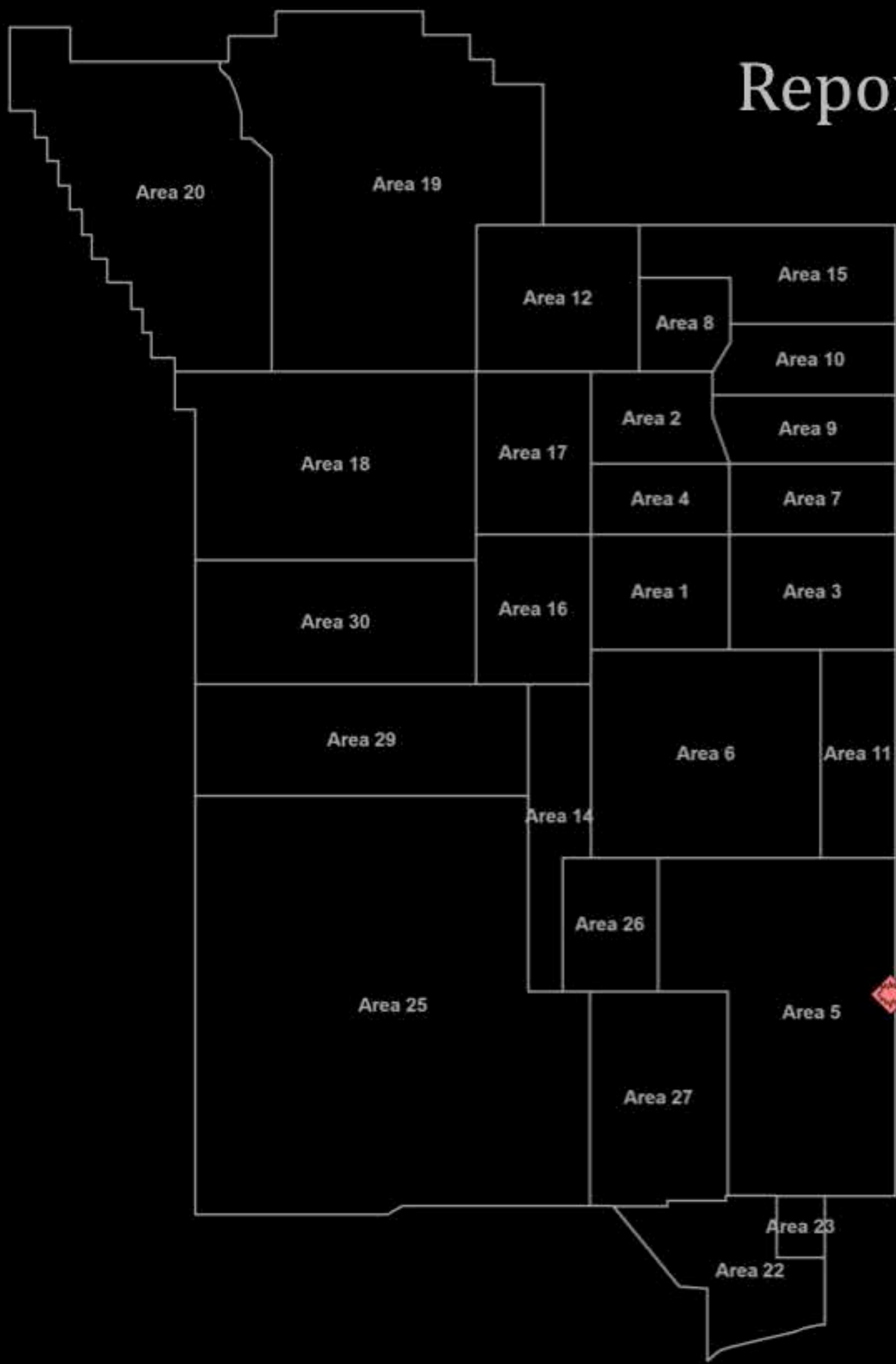


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

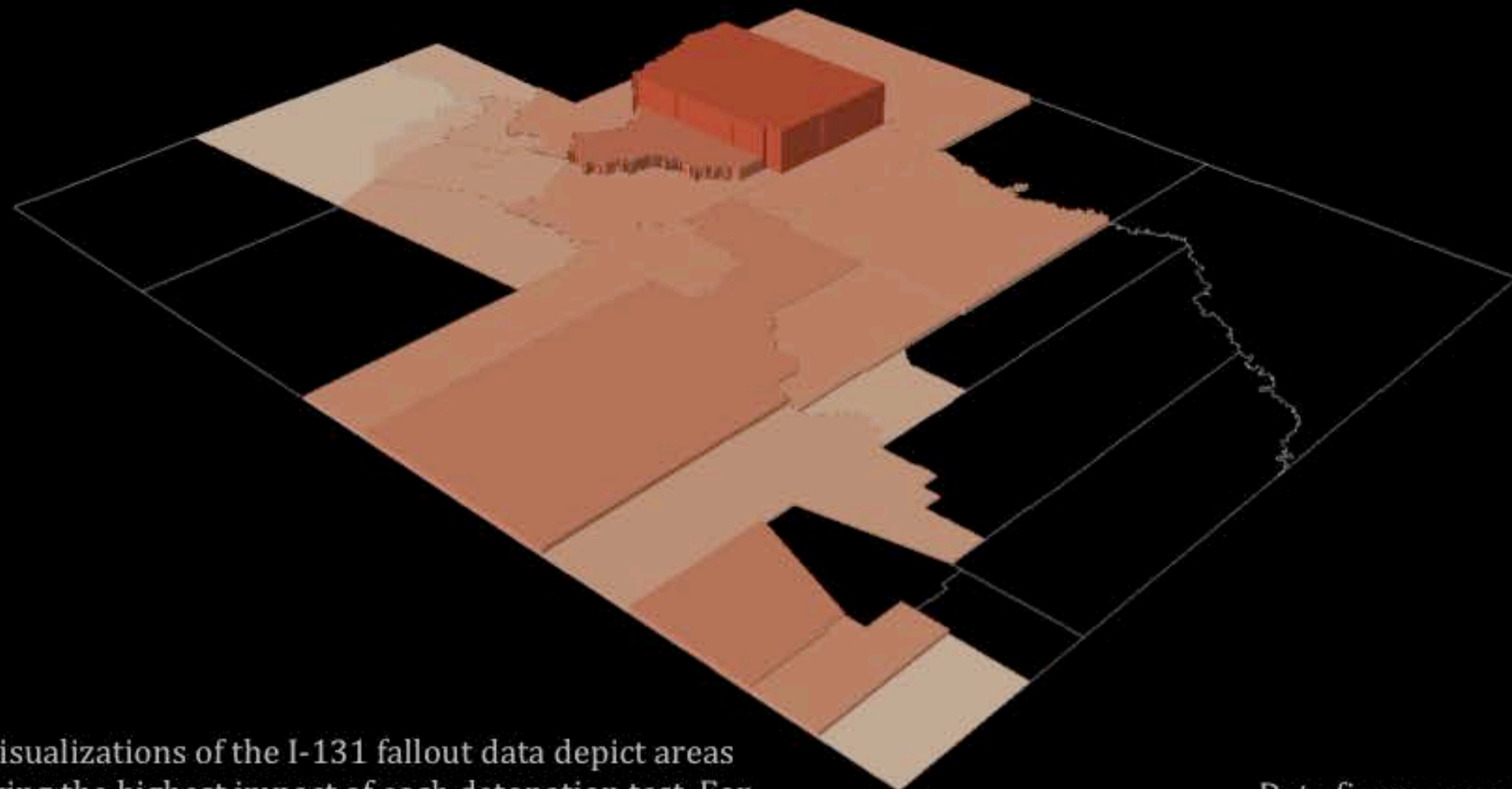
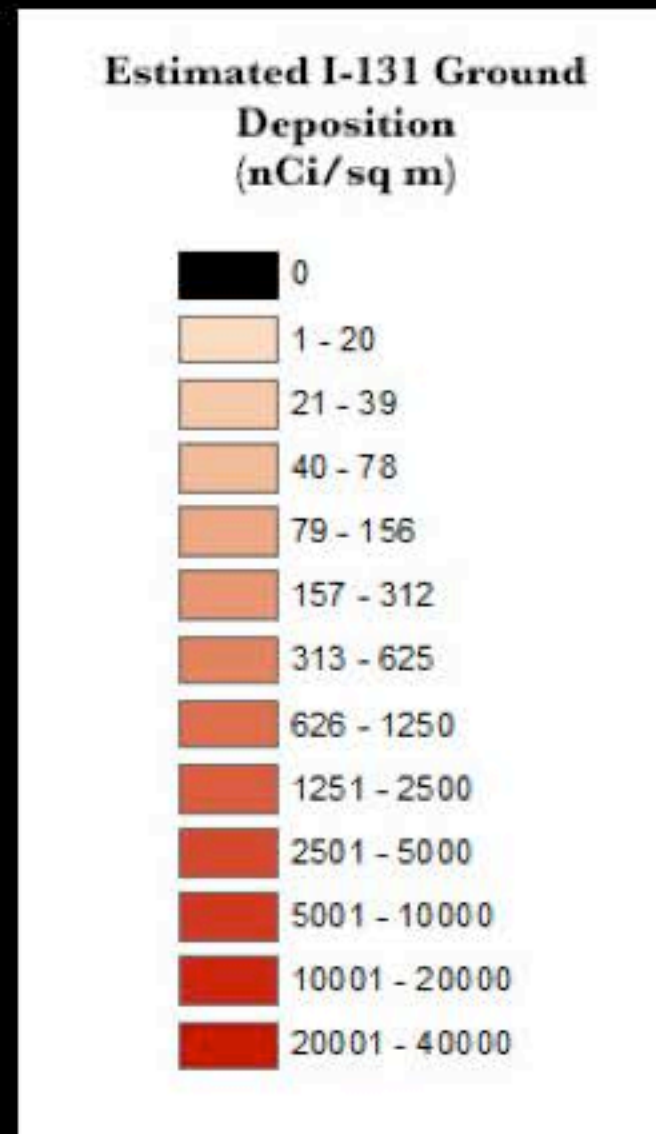


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

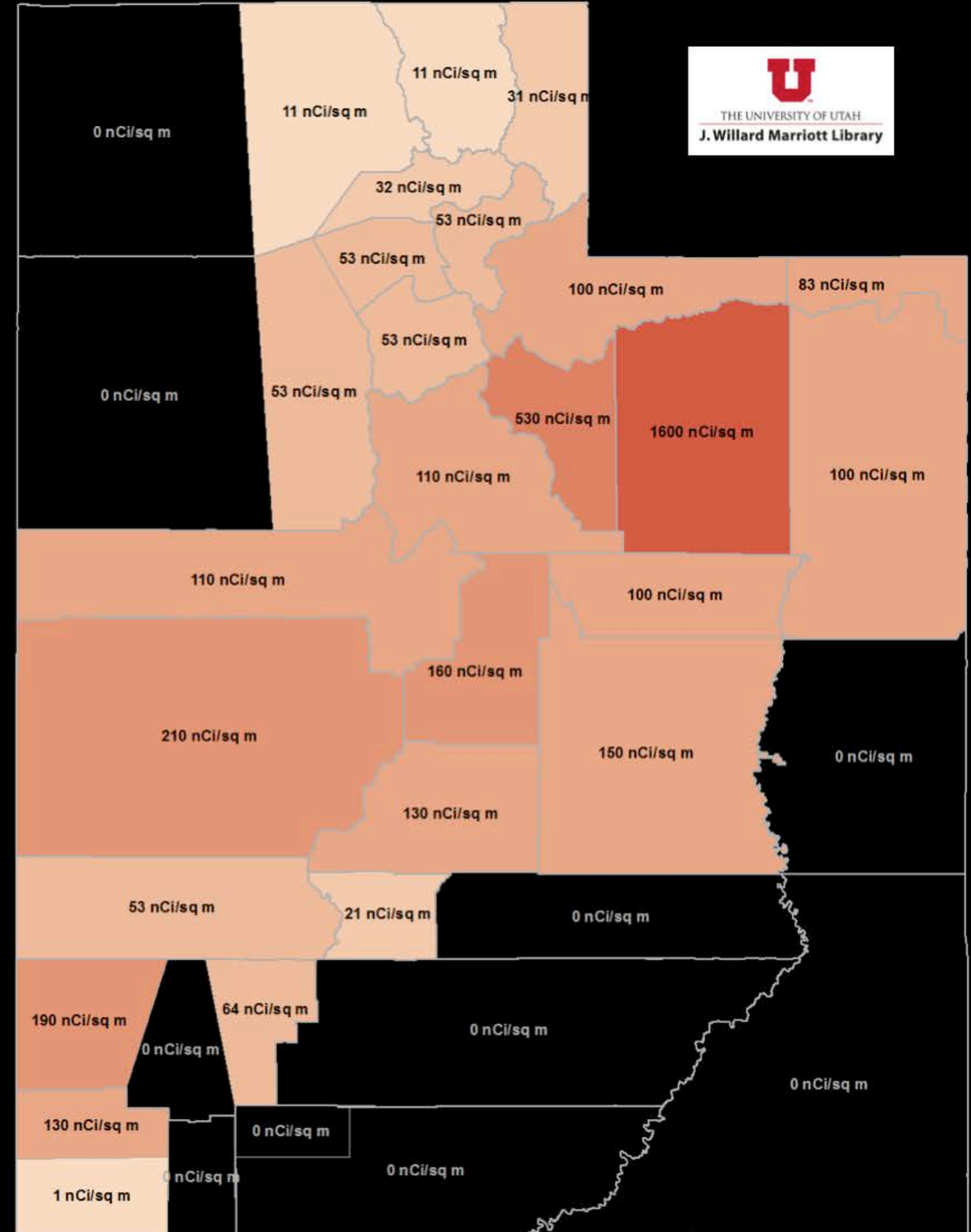
I-131 Ground Deposition Levels Reported for the Operation Sunbeam Small Boy Event July 14, 1962



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Small Boy occurred within Area 5 of the testing boundaries.

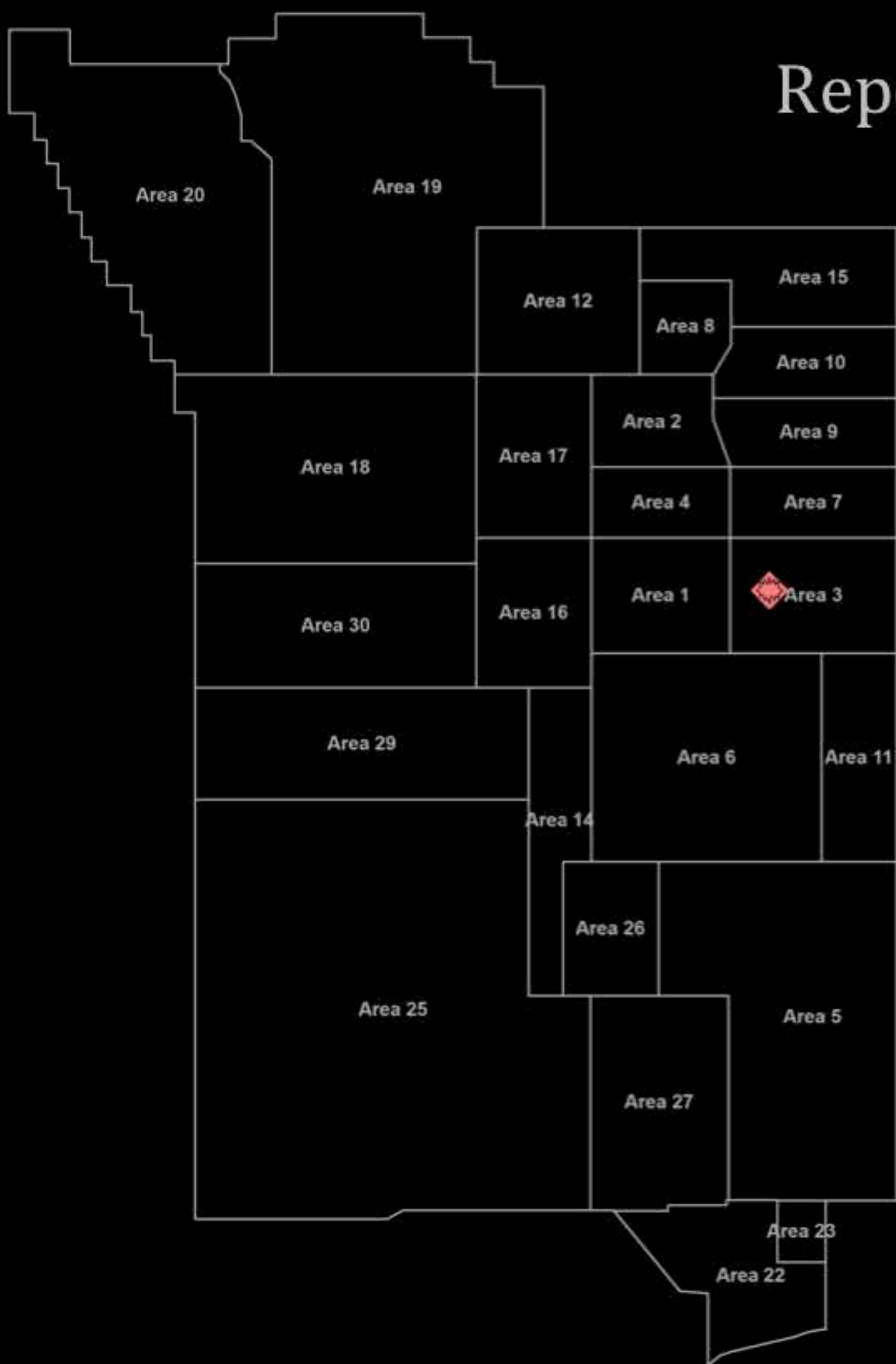


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Duchesne county @ 1600 nCi/sq. m.

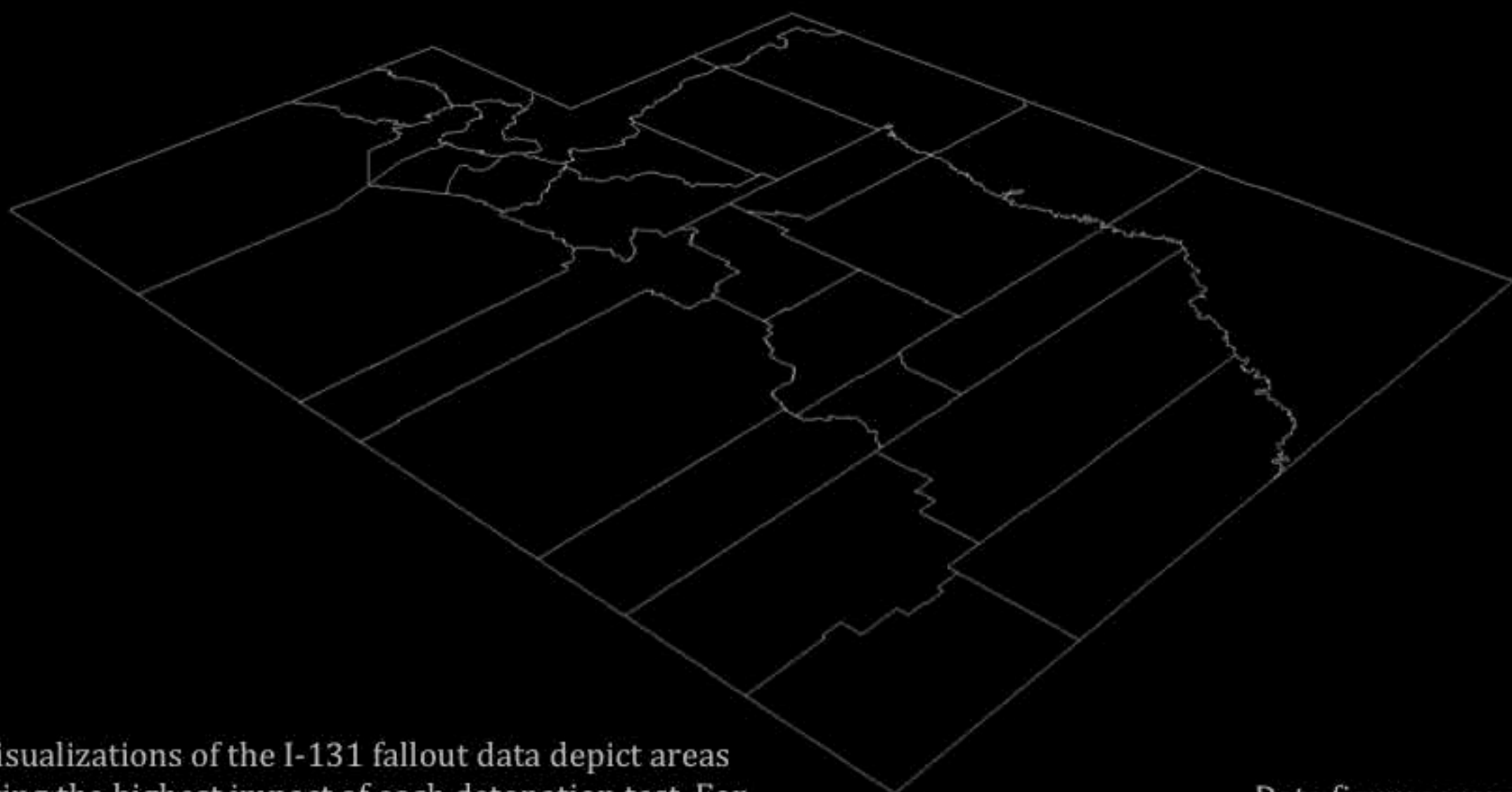
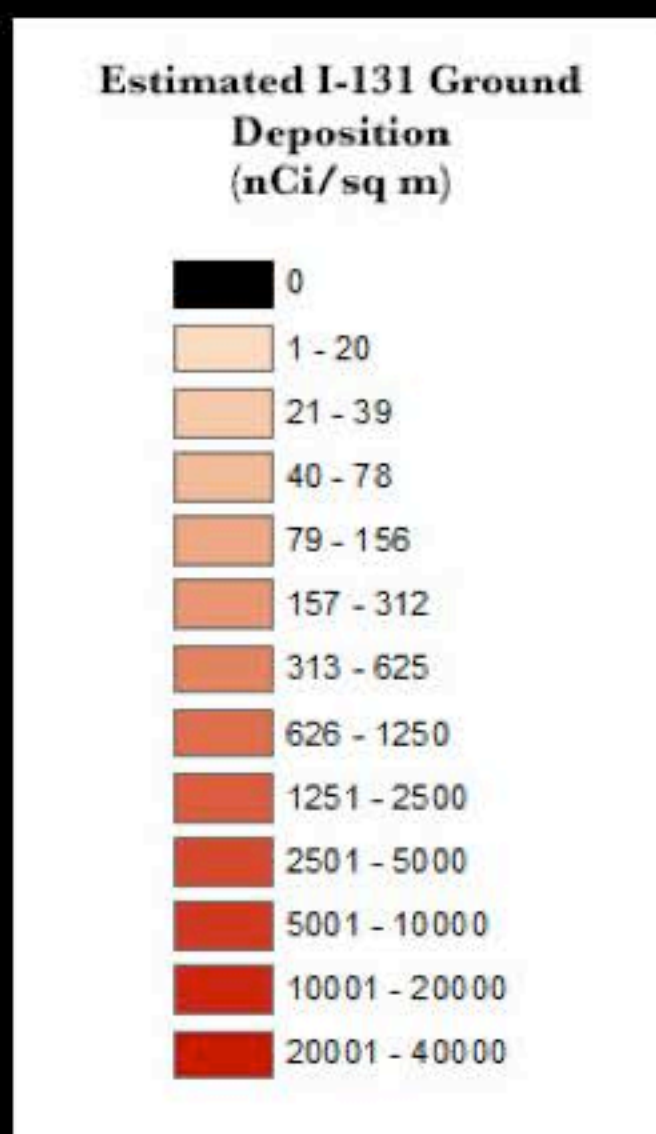


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Storax Bandicoot Event October 19, 1962



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Bandicoot occurred within Area 3 of the testing boundaries.

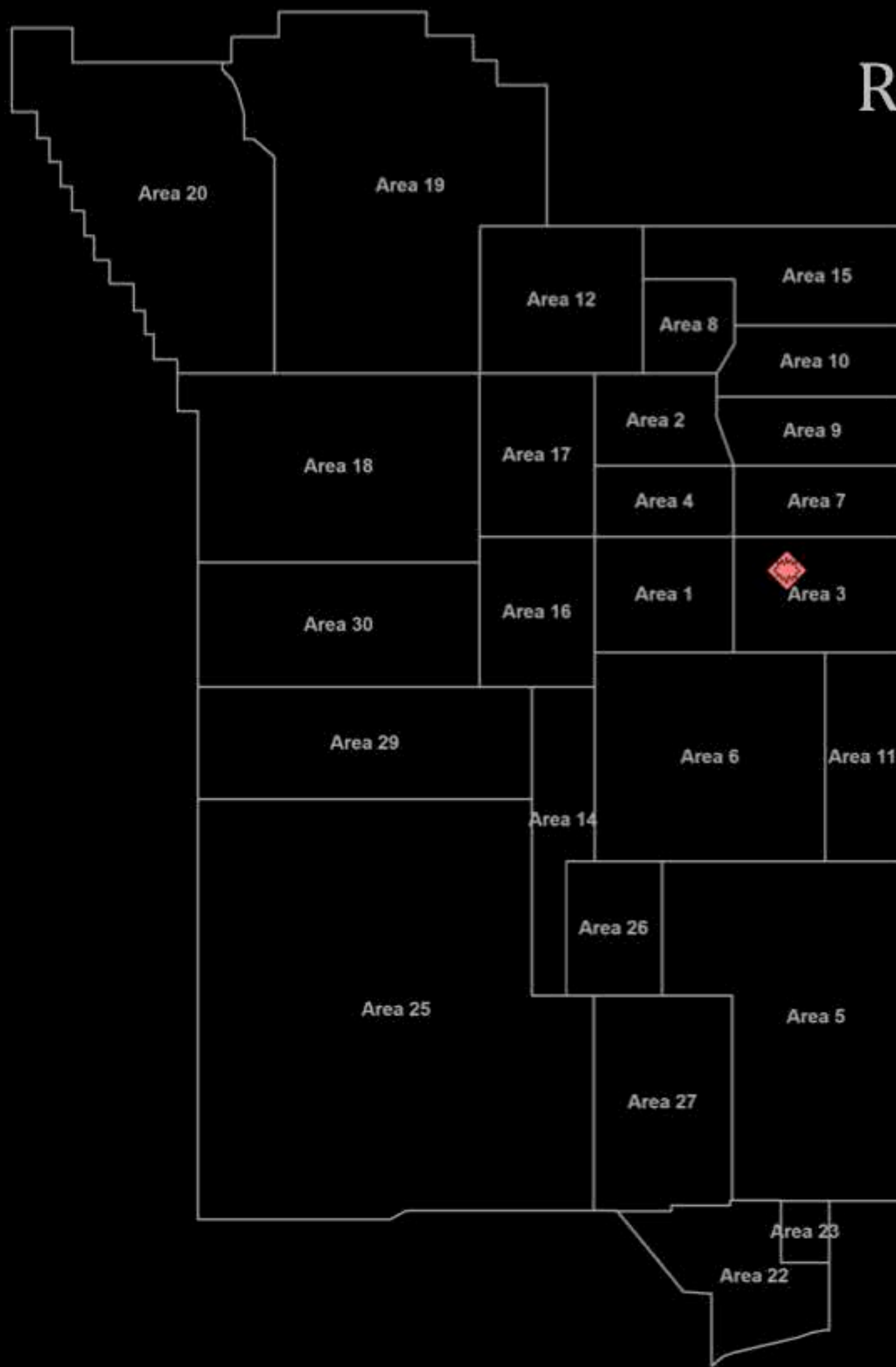


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

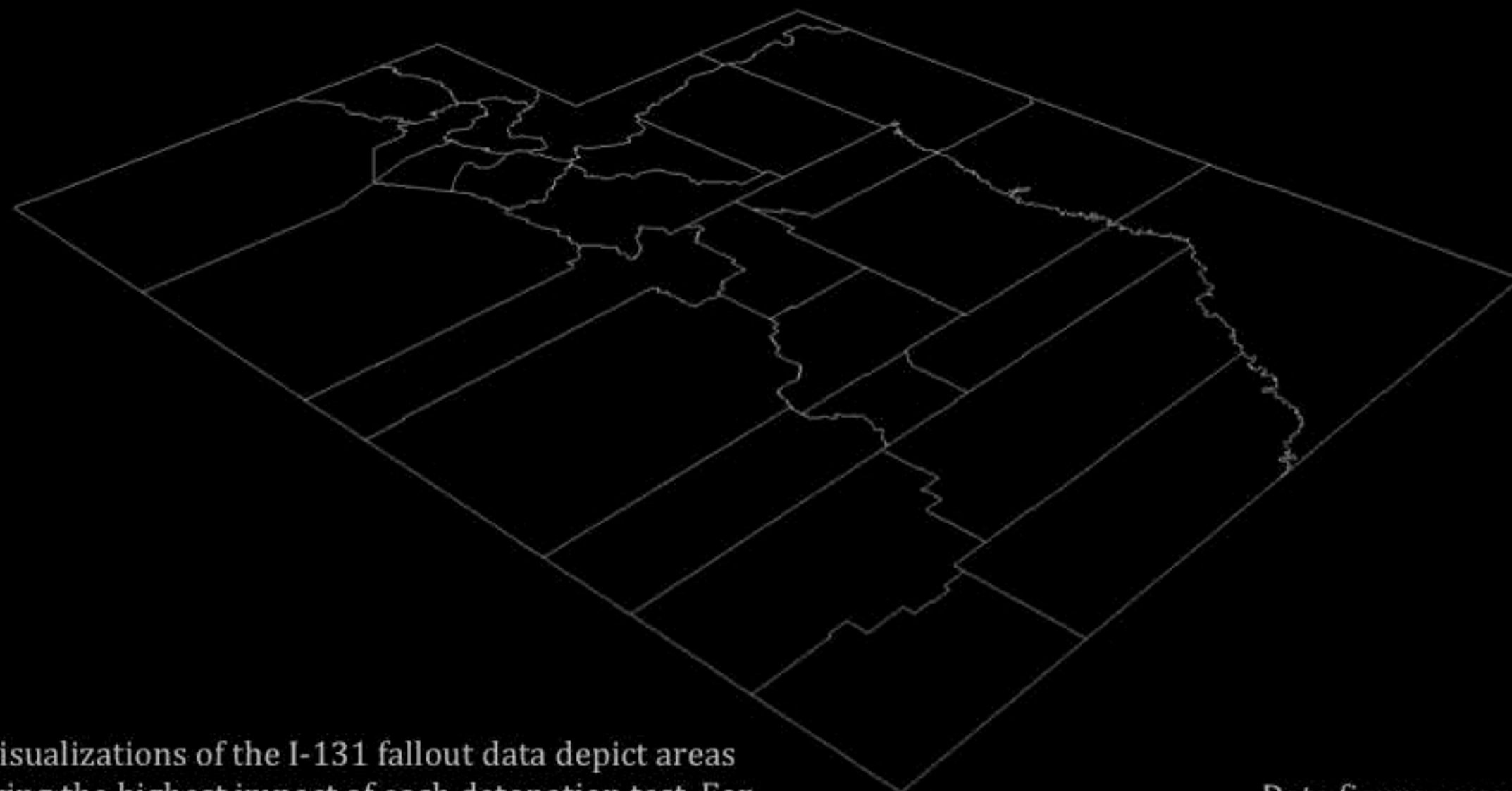
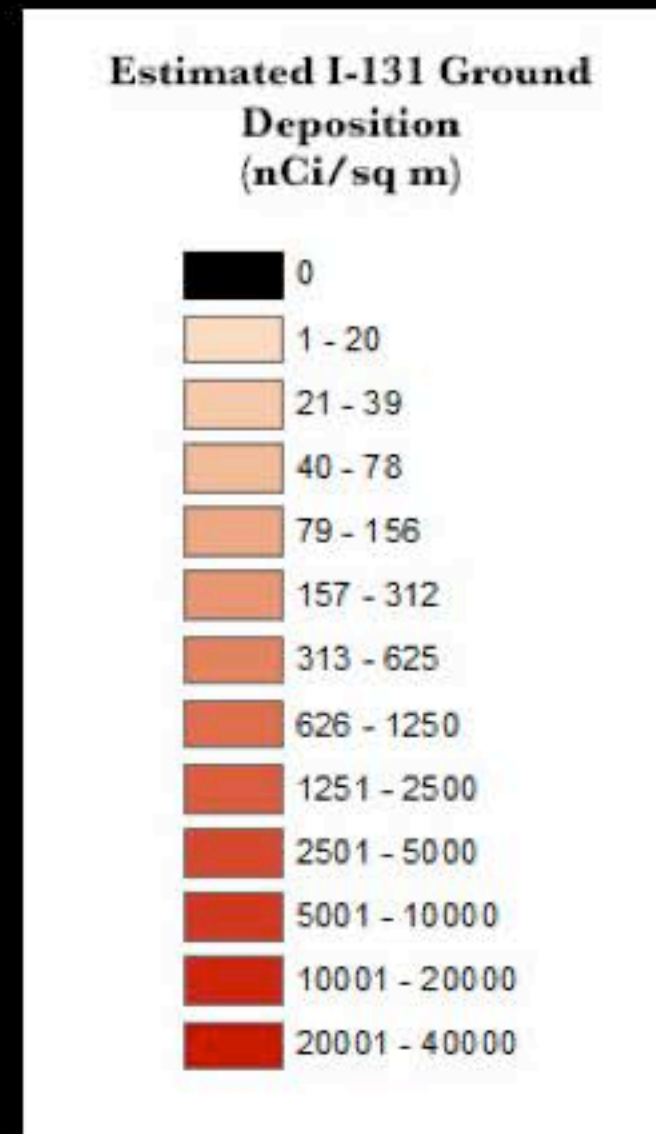


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Niblick Pike Event March 13, 1964



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Pike occurred within Area 3 of the testing boundaries.

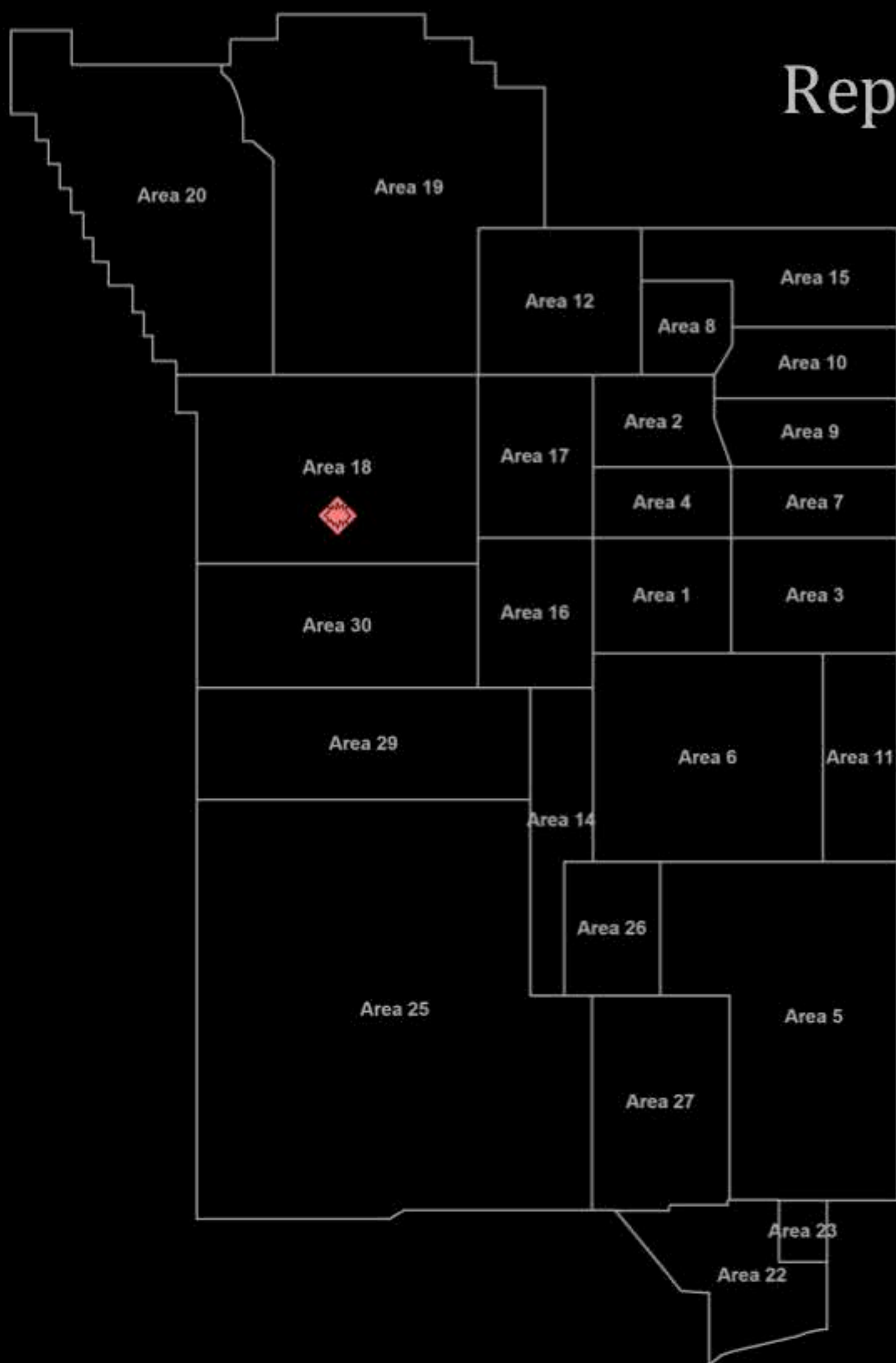


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

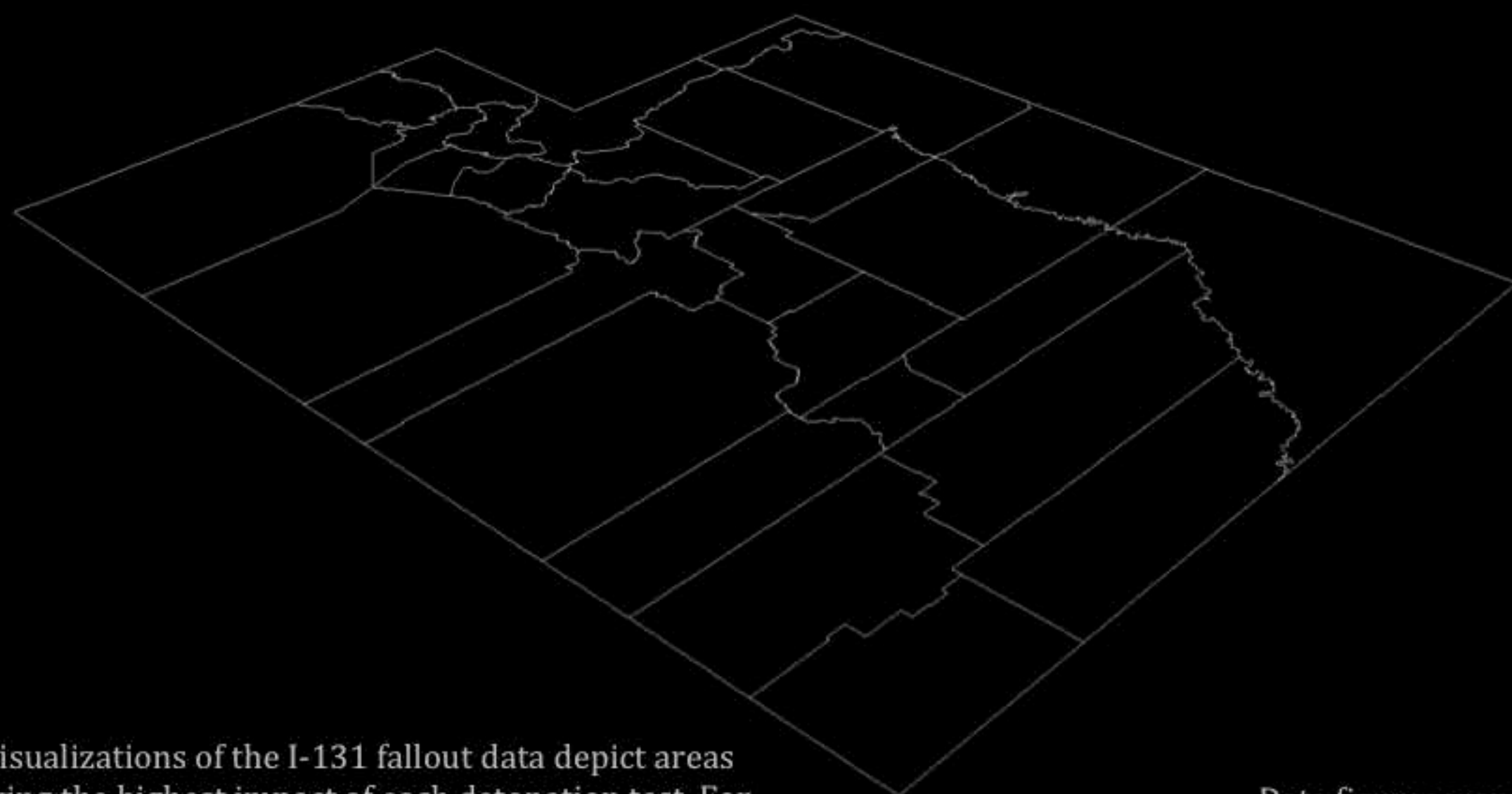
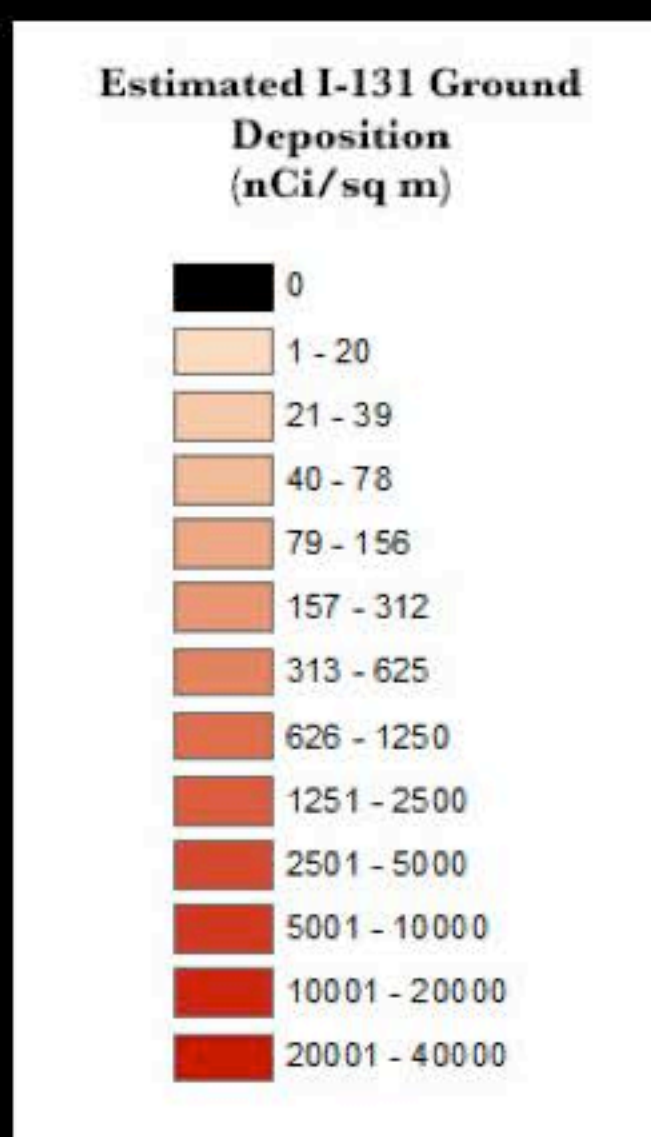


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Whetstone Sulky Event December 18, 1964



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Sulky occurred within Area 18 of the testing boundaries.

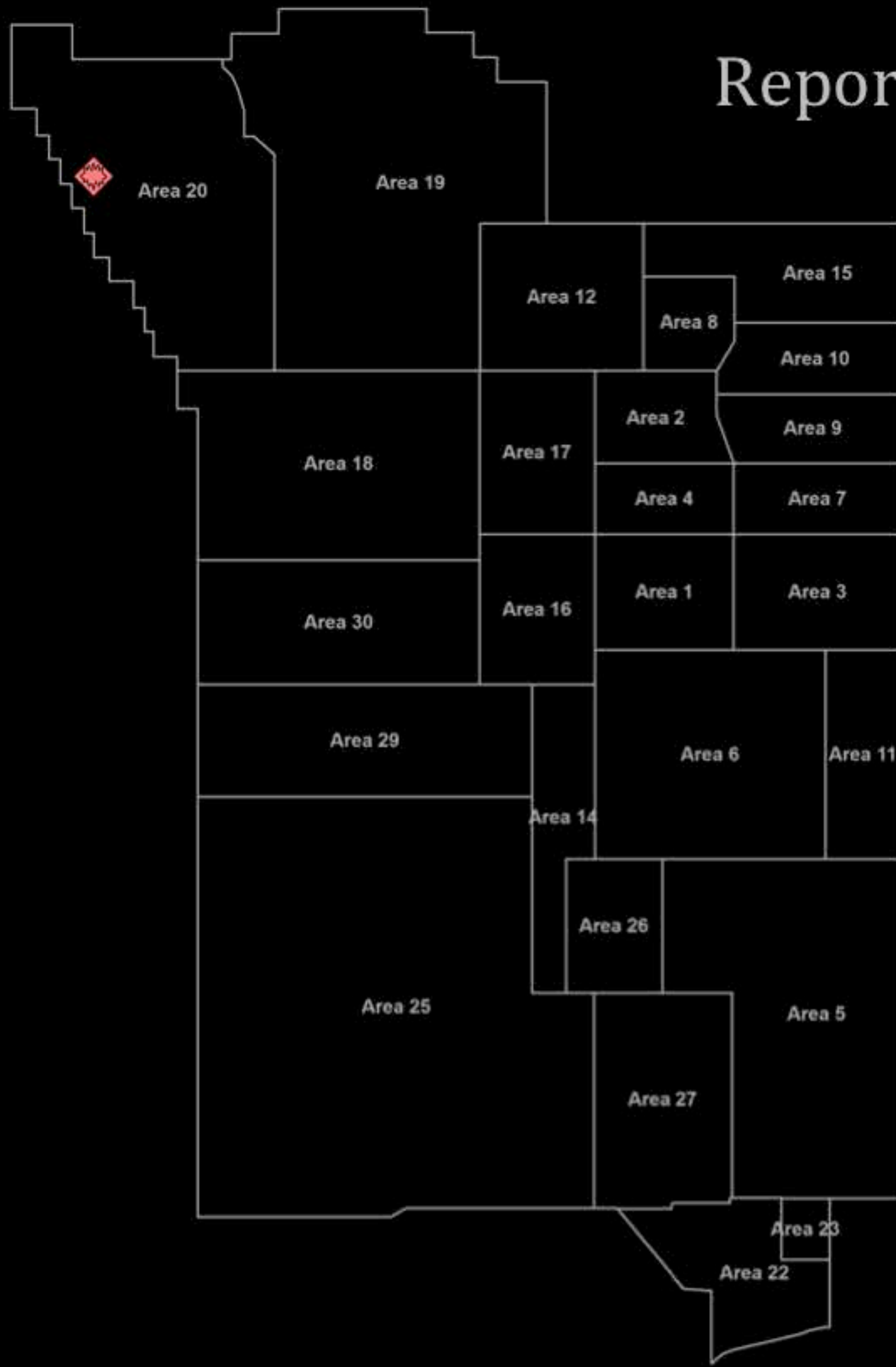


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

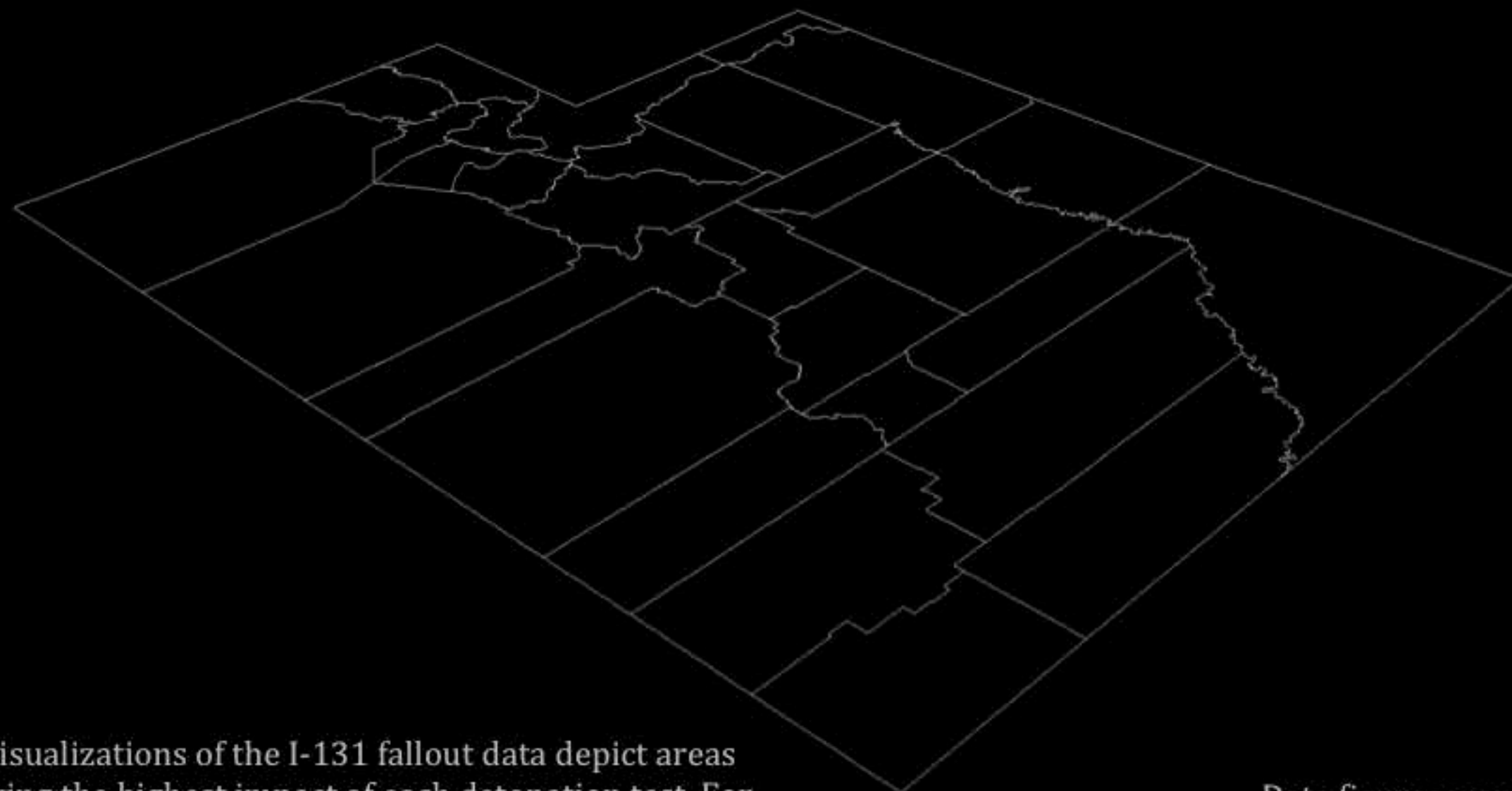
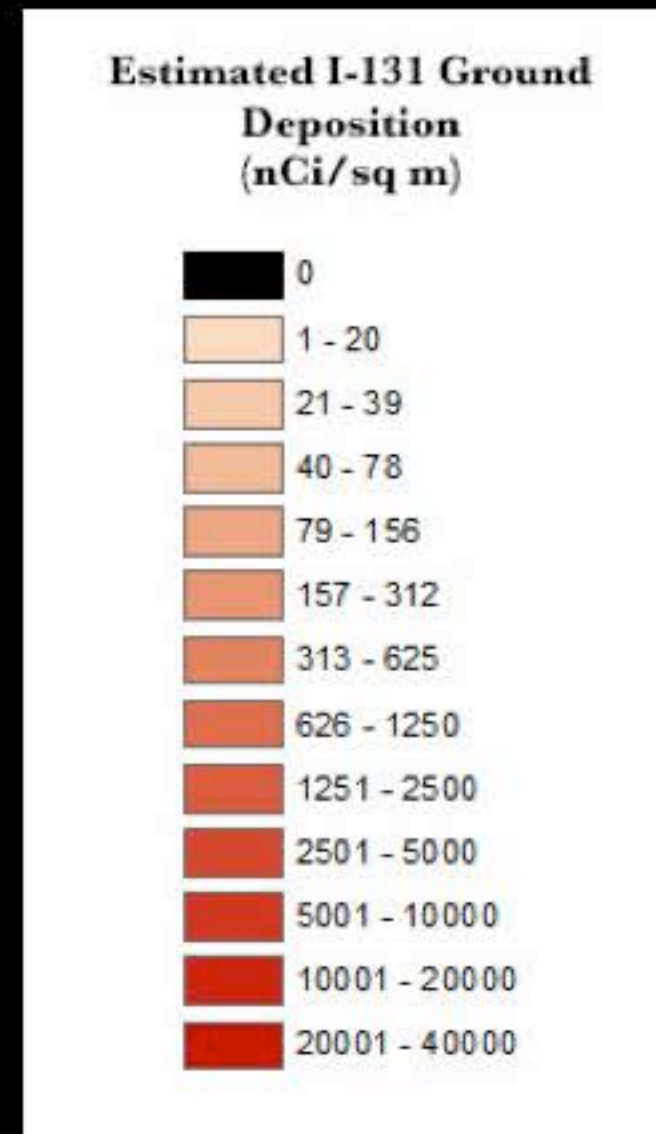


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Whetstone Palanquin Event April 14, 1965



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Palanquin occurred within Area 20 of the testing boundaries.



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

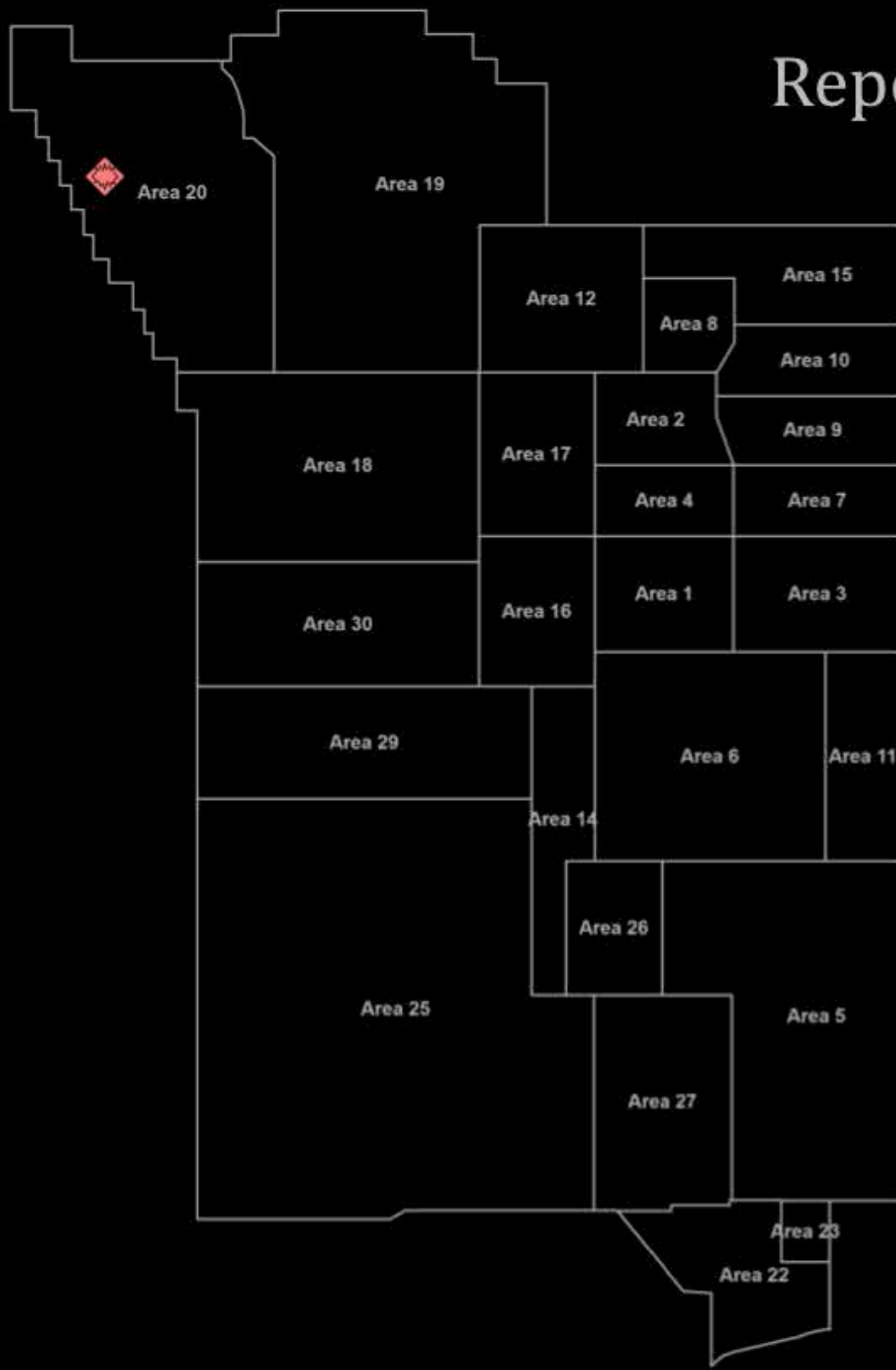


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

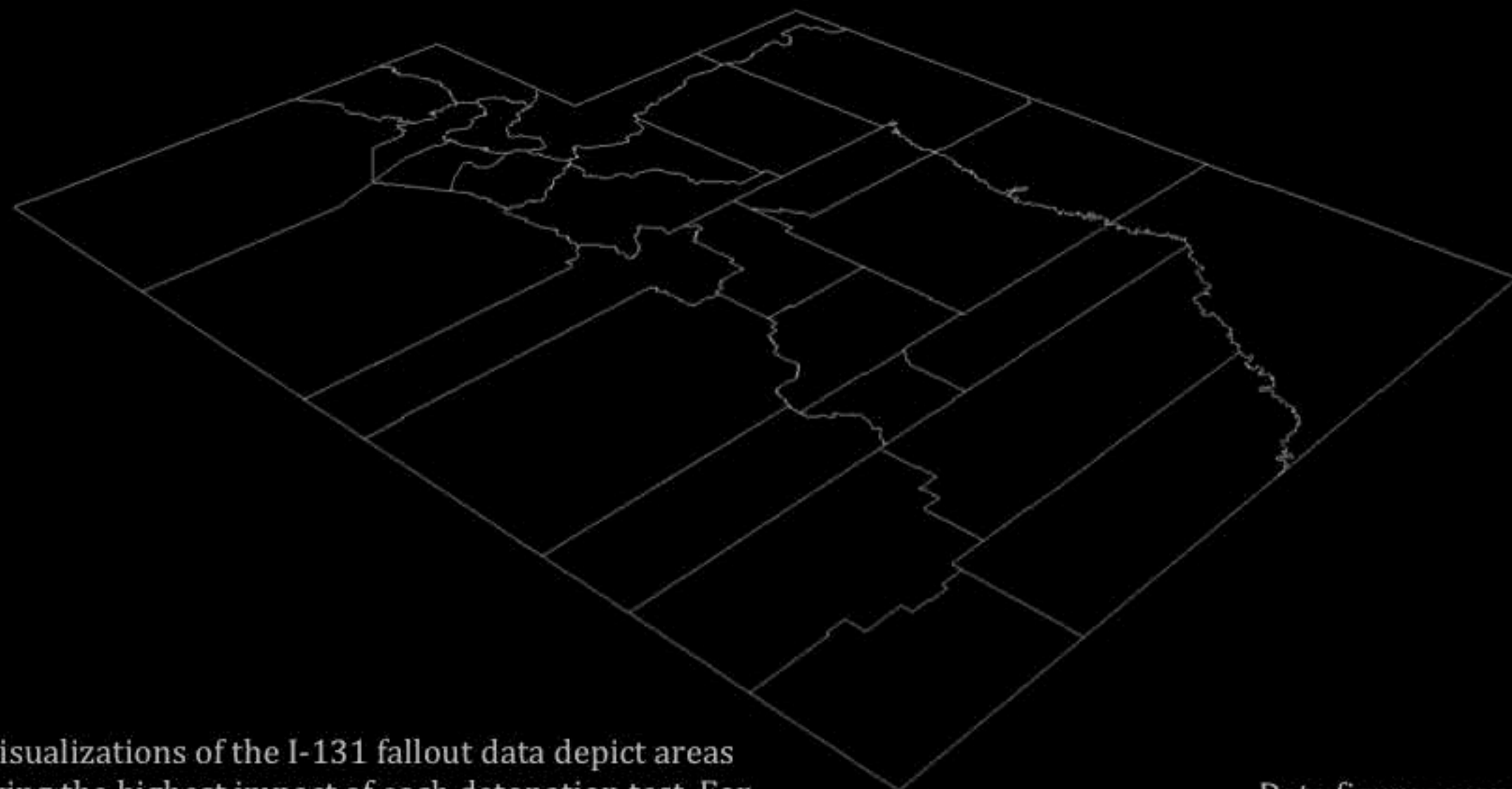
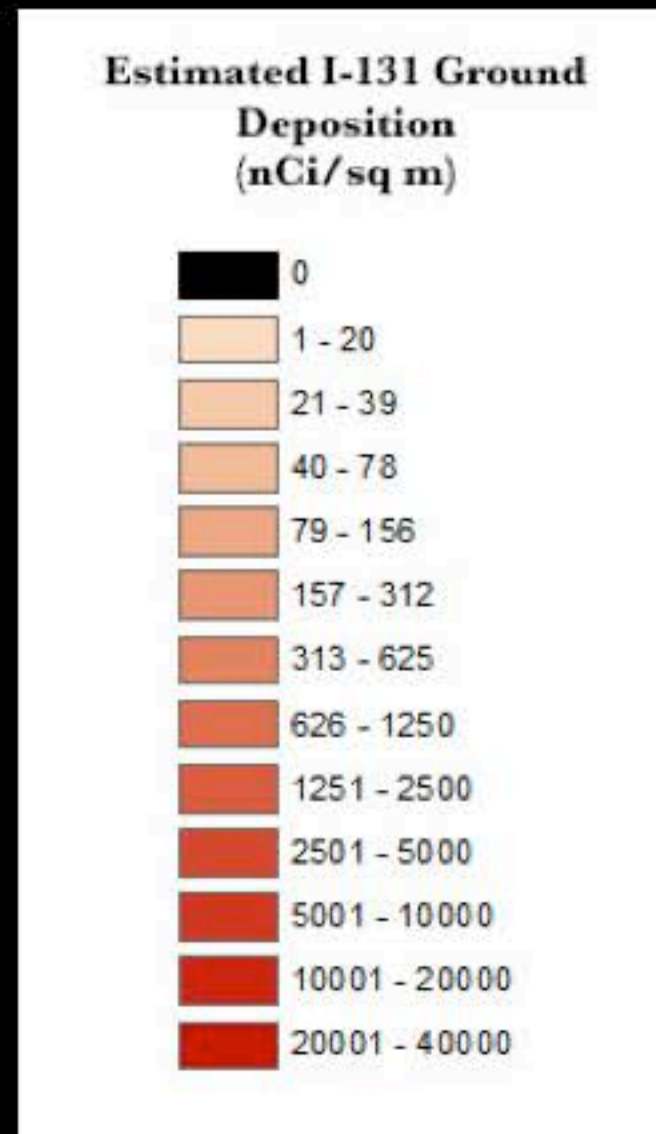
I-131 Ground Deposition Levels

Reported for the Operation Crosstie Cabriolet Event

January 26, 1968



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Cabriolet occurred within Area 20 of the testing boundaries.

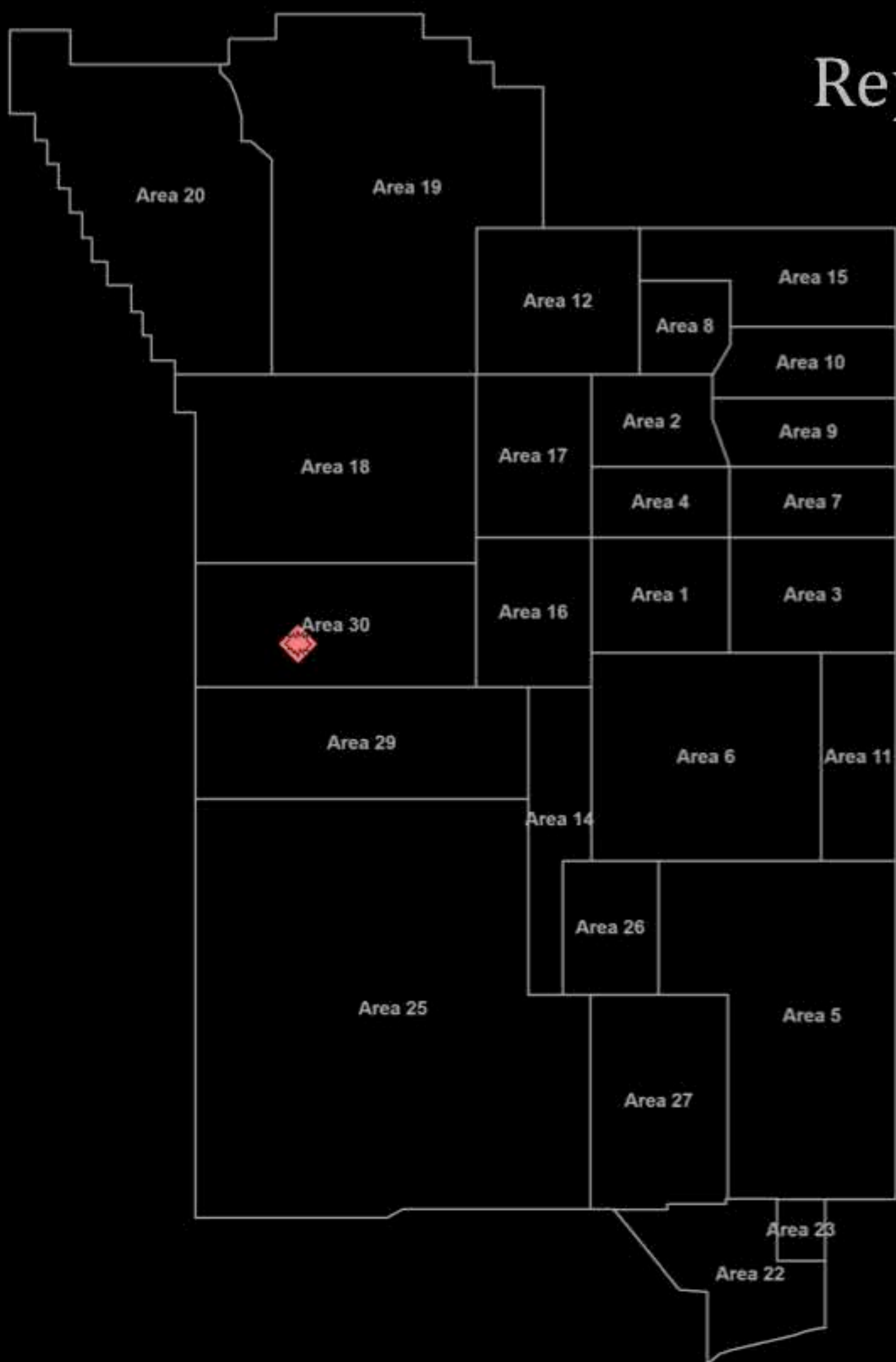


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

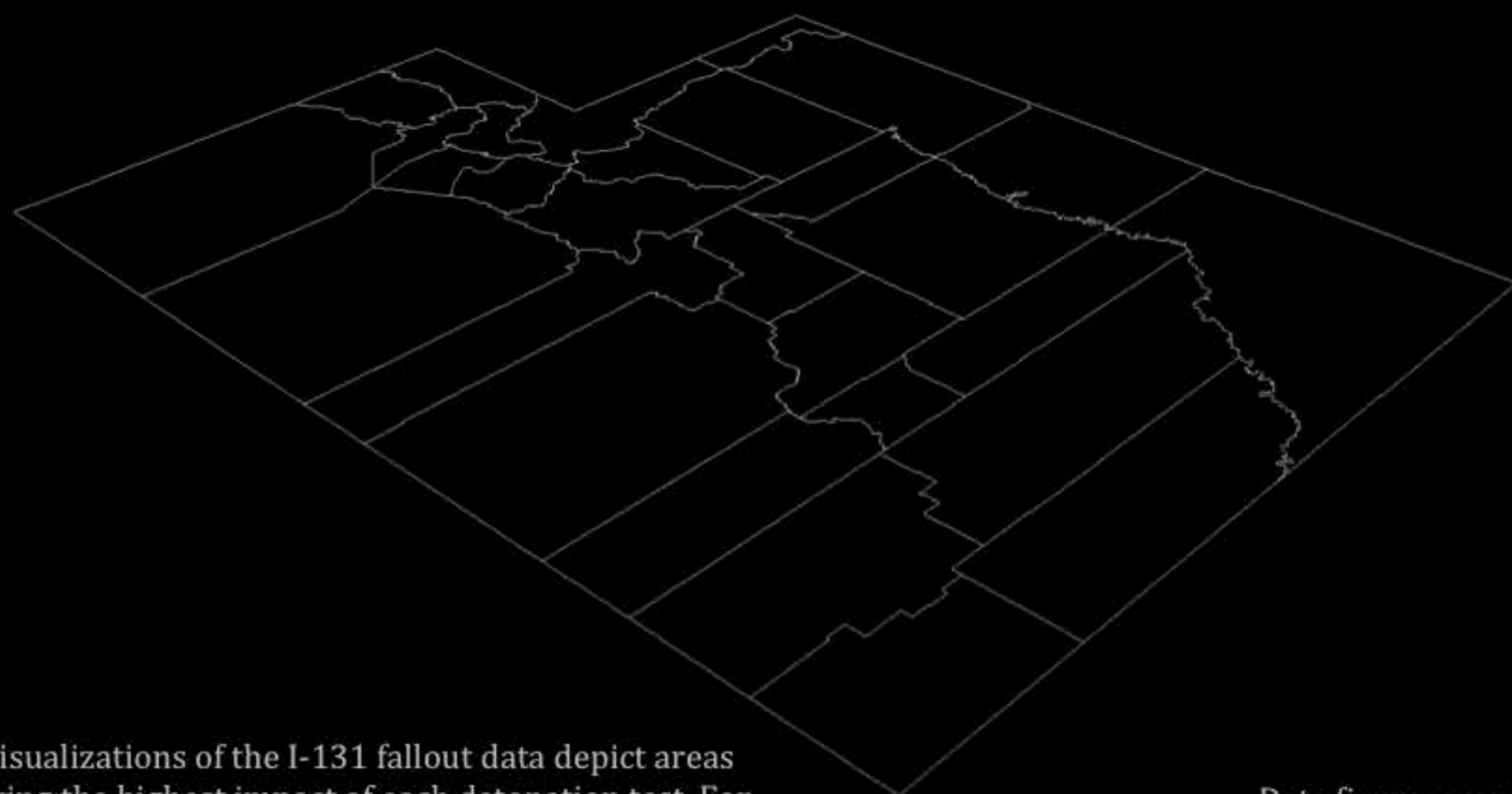
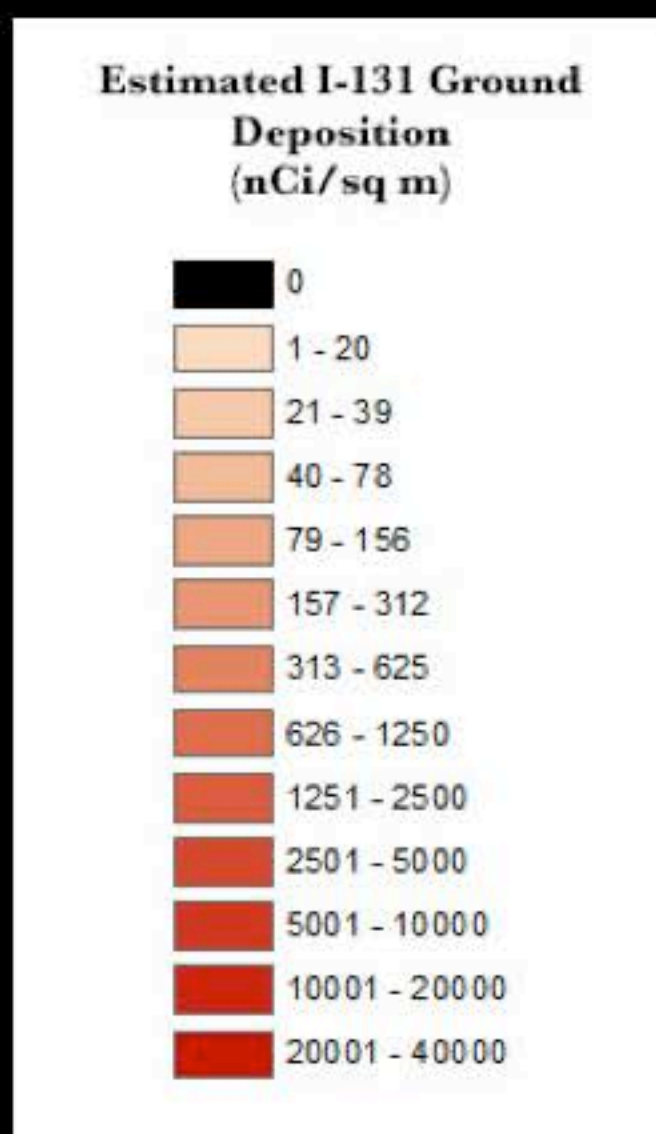


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Crosstie Buggy Event March 12, 1968



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Buggy occurred within Area 30 of the testing boundaries.

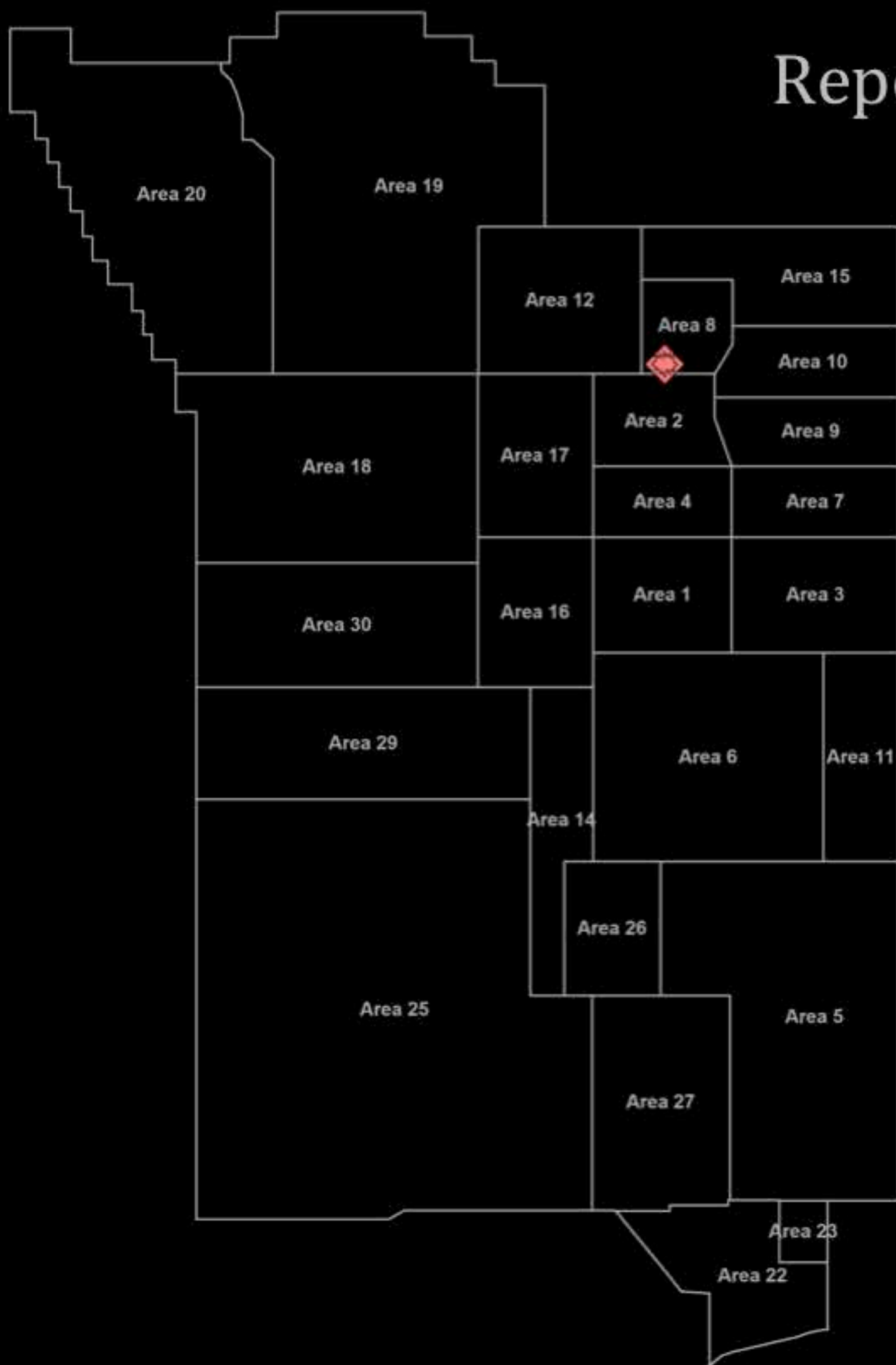


3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows no observable levels of fallout in any of the Utah counties.

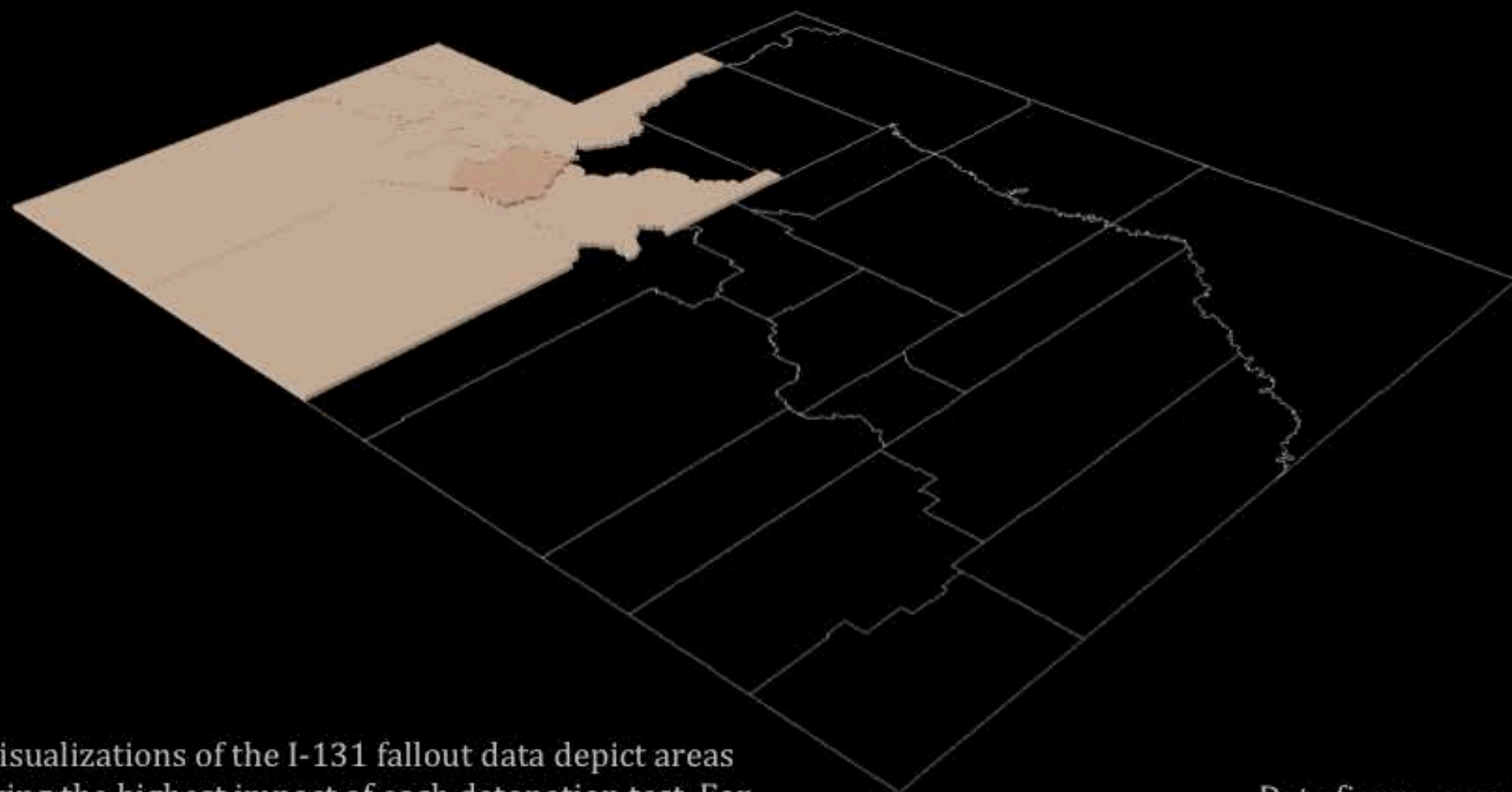
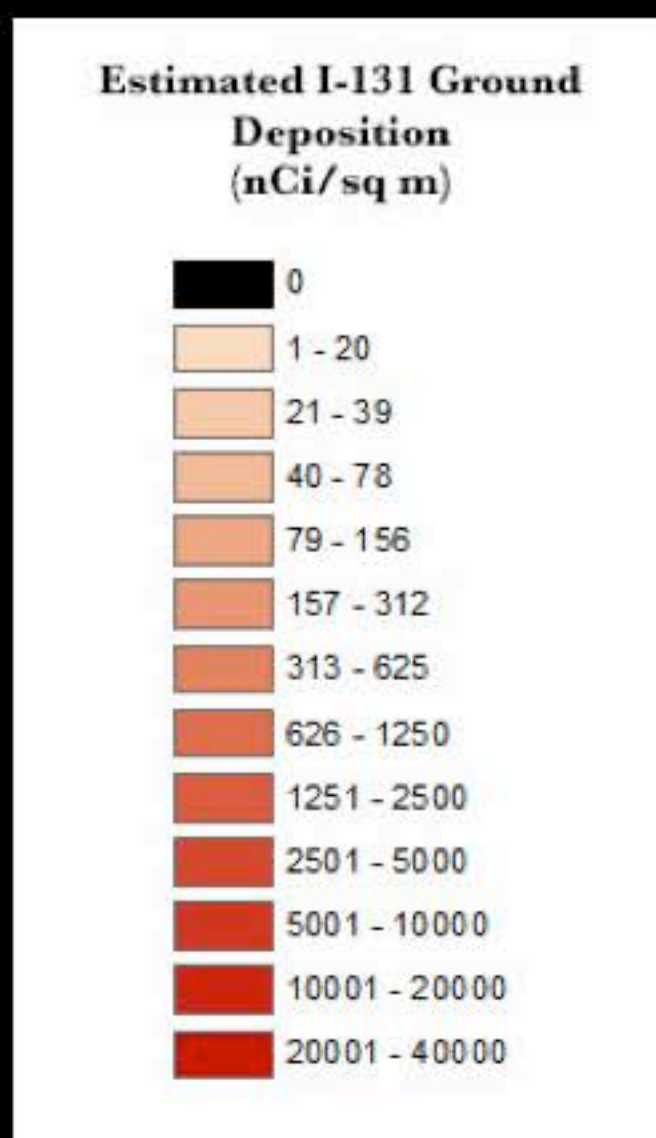


Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

I-131 Ground Deposition Levels Reported for the Operation Emery Baneberry Event December 18, 1970



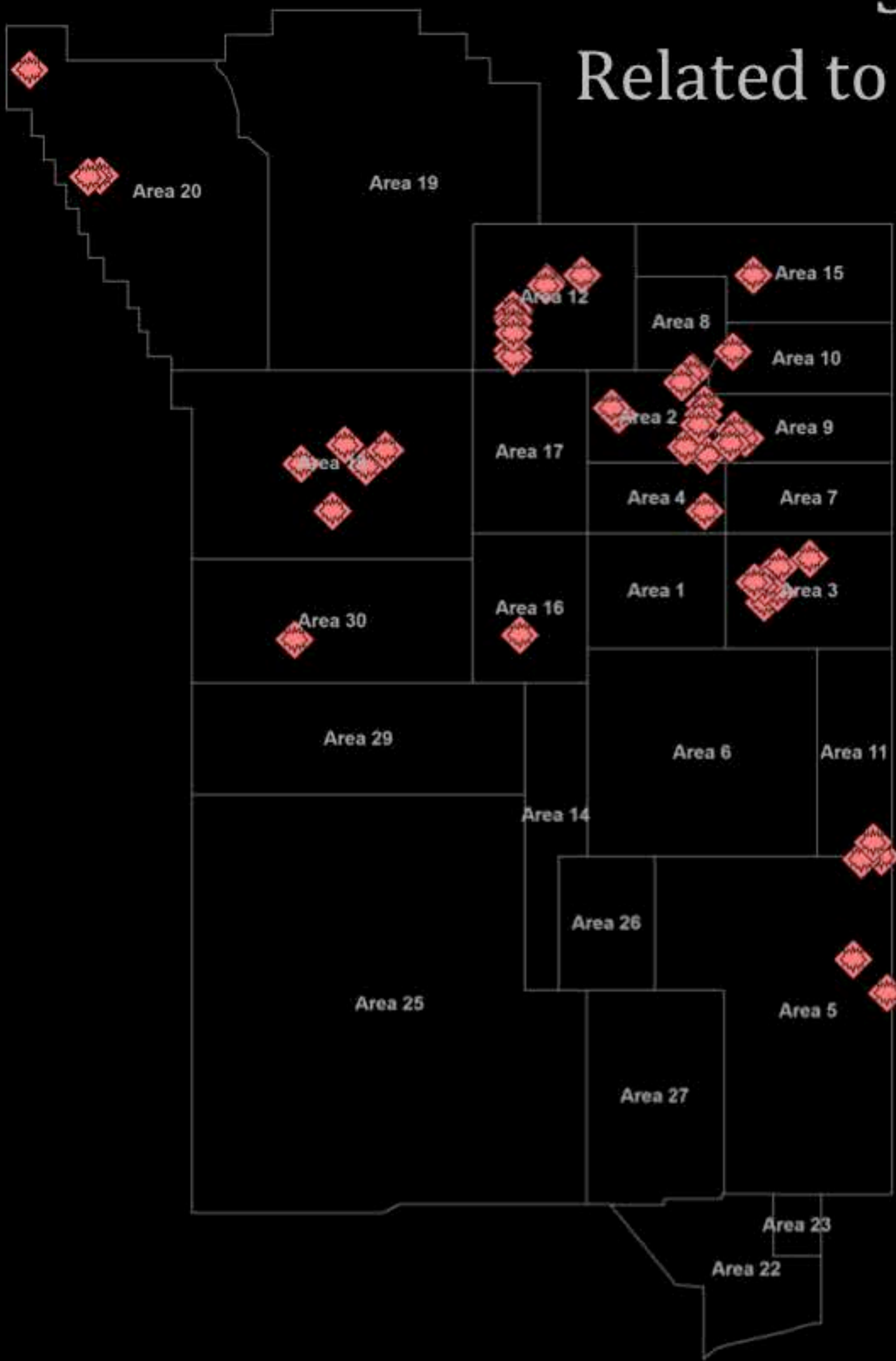
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. Detonation Baneberry occurred within Area 8 of the testing boundaries.



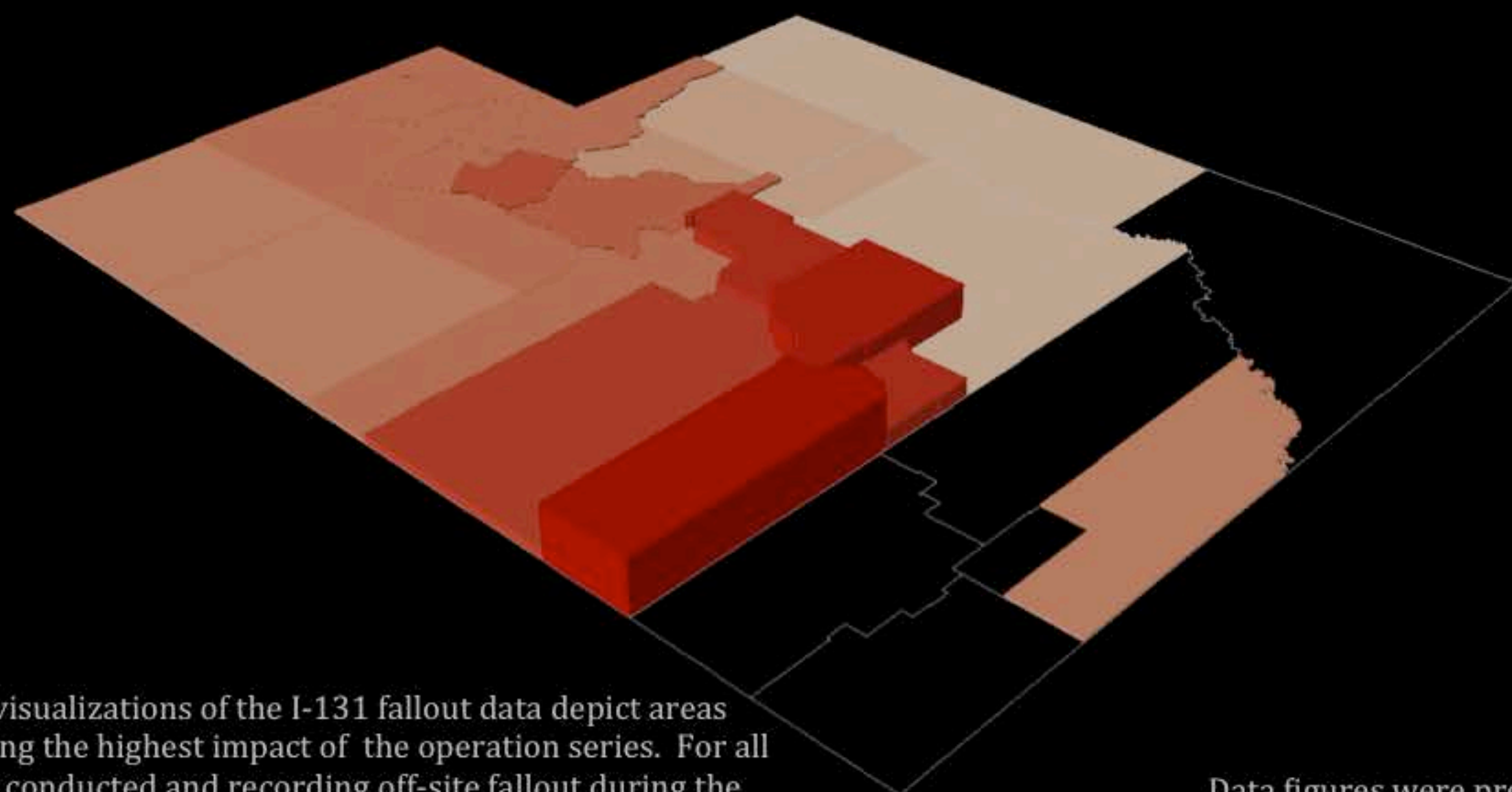
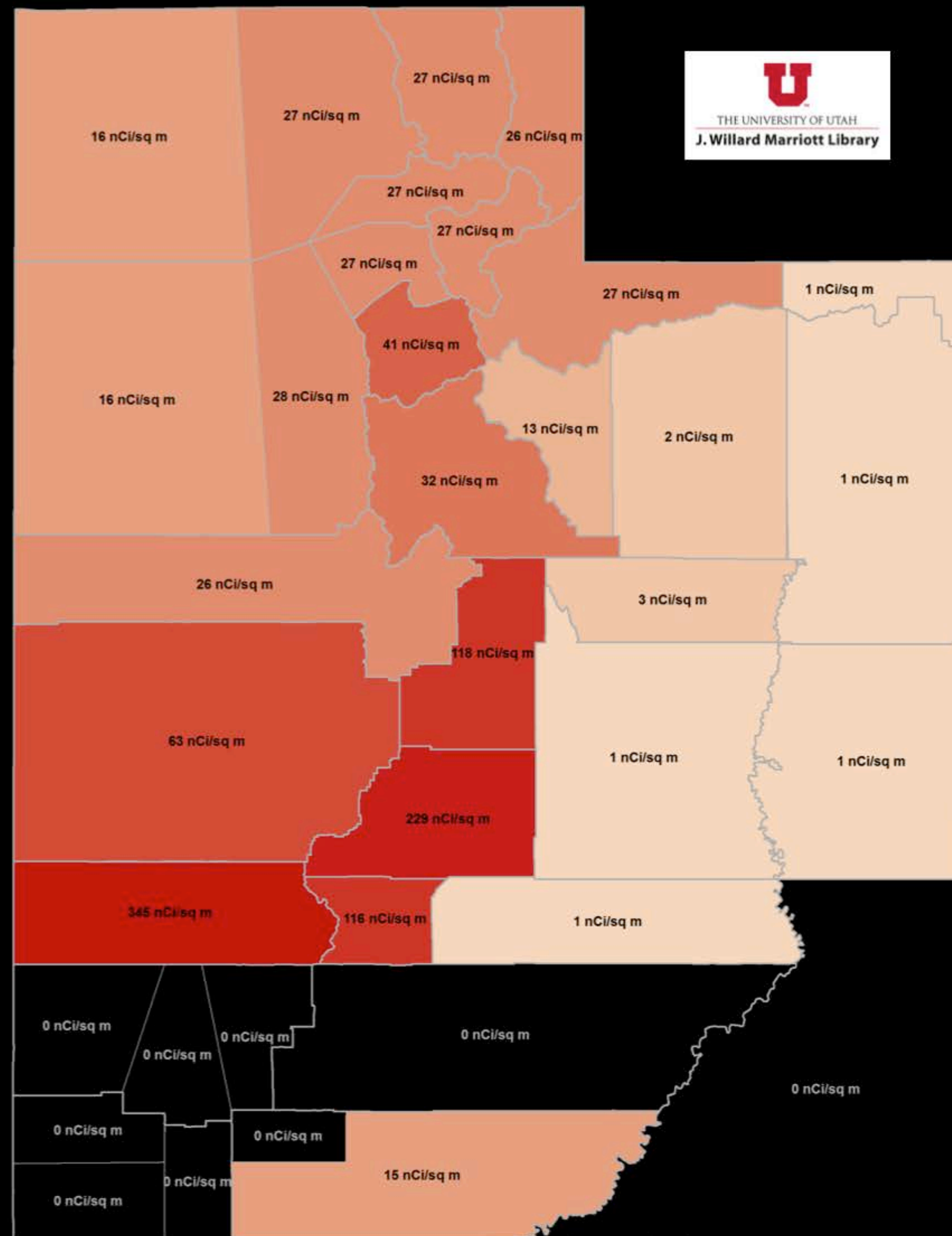
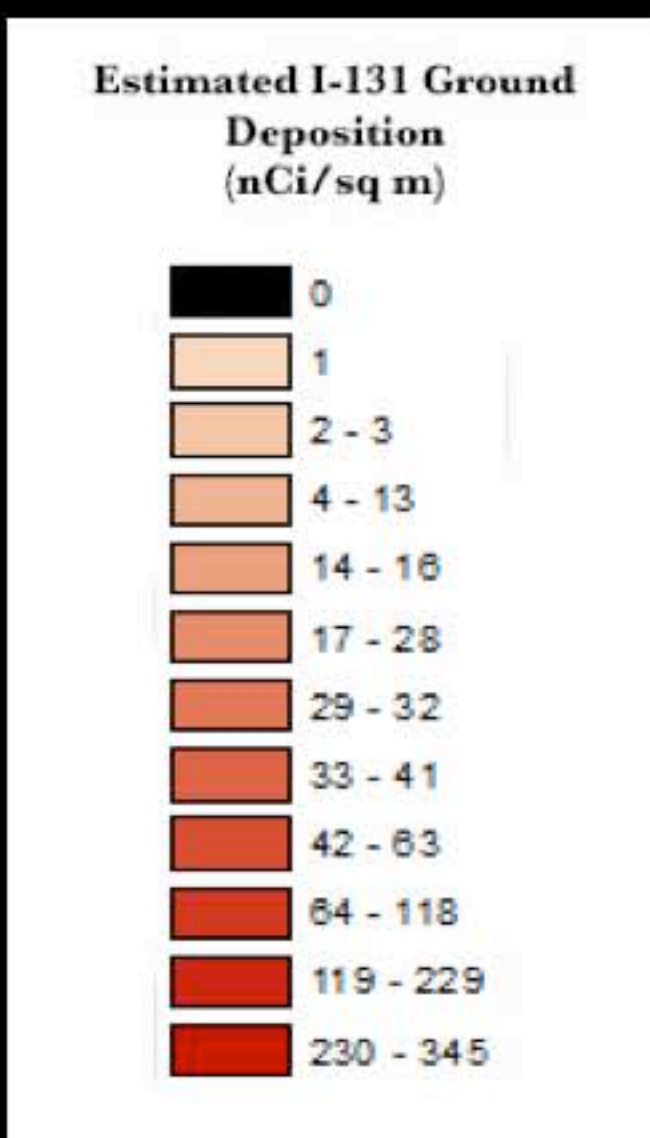
3D visualizations of the I-131 fallout data depict areas receiving the highest impact of each detonation test. For this event, the data shows the highest level of fallout located in Salt Lake county @ 29 nCi/sq. m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to this event.

Summarized I-131 Ground Deposition Levels Related to All Underground Tests With Off-Site Fallout Recorded September 15, 1961 – September 23, 1992



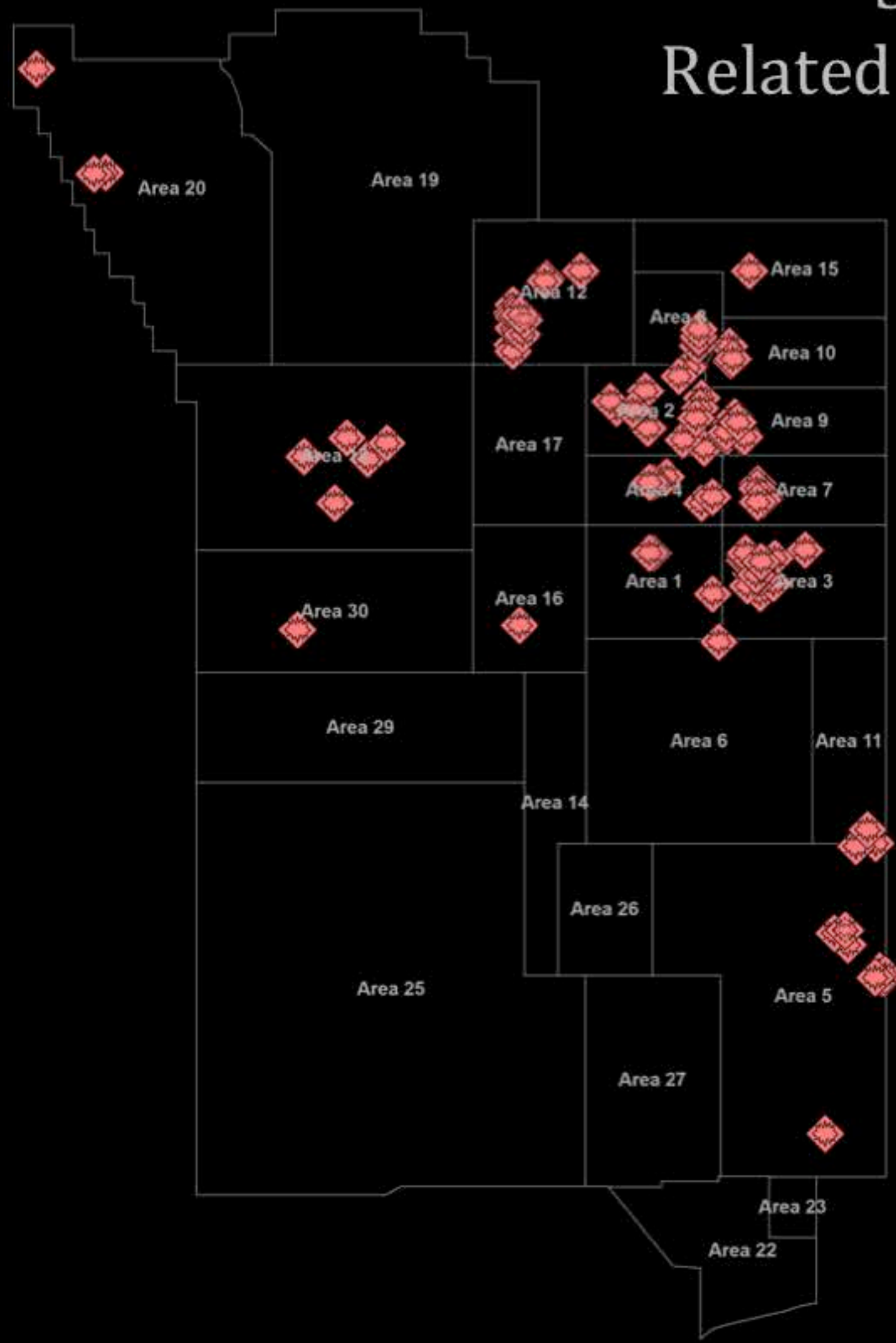
The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. During the Underground Test Era series, 49 tests were conducted that resulted in off-site fallout; however, only 16 of these tests were included in the National Cancer Institute study.



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of the operation series. For all tests conducted and recording off-site fallout during the Underground Test Era series, the data shows the highest summarized level of fallout located in Beaver county @ 345 nCi/sq m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the summarized geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to all events with off-site fallout during the Underground Test Era series.

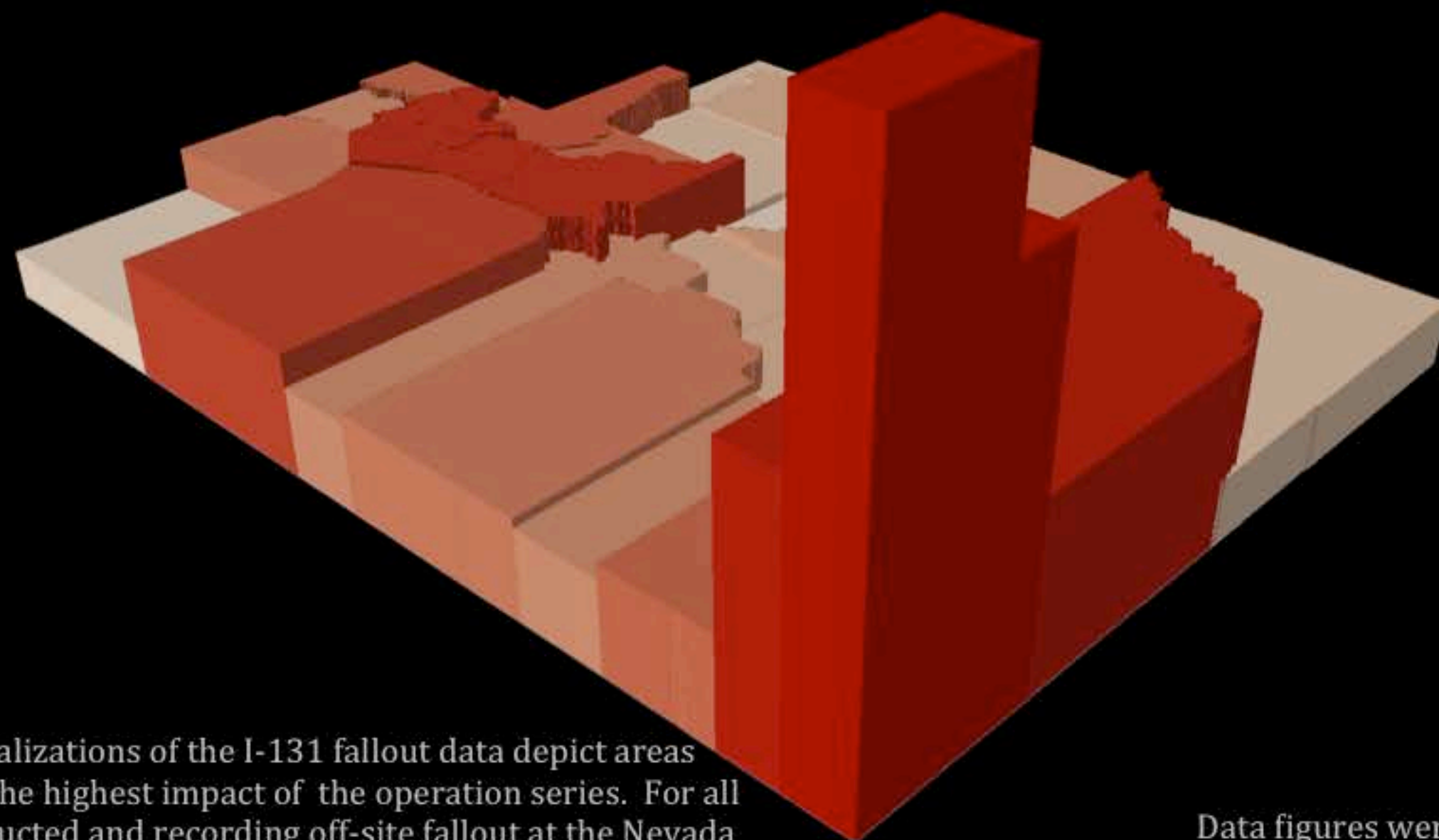
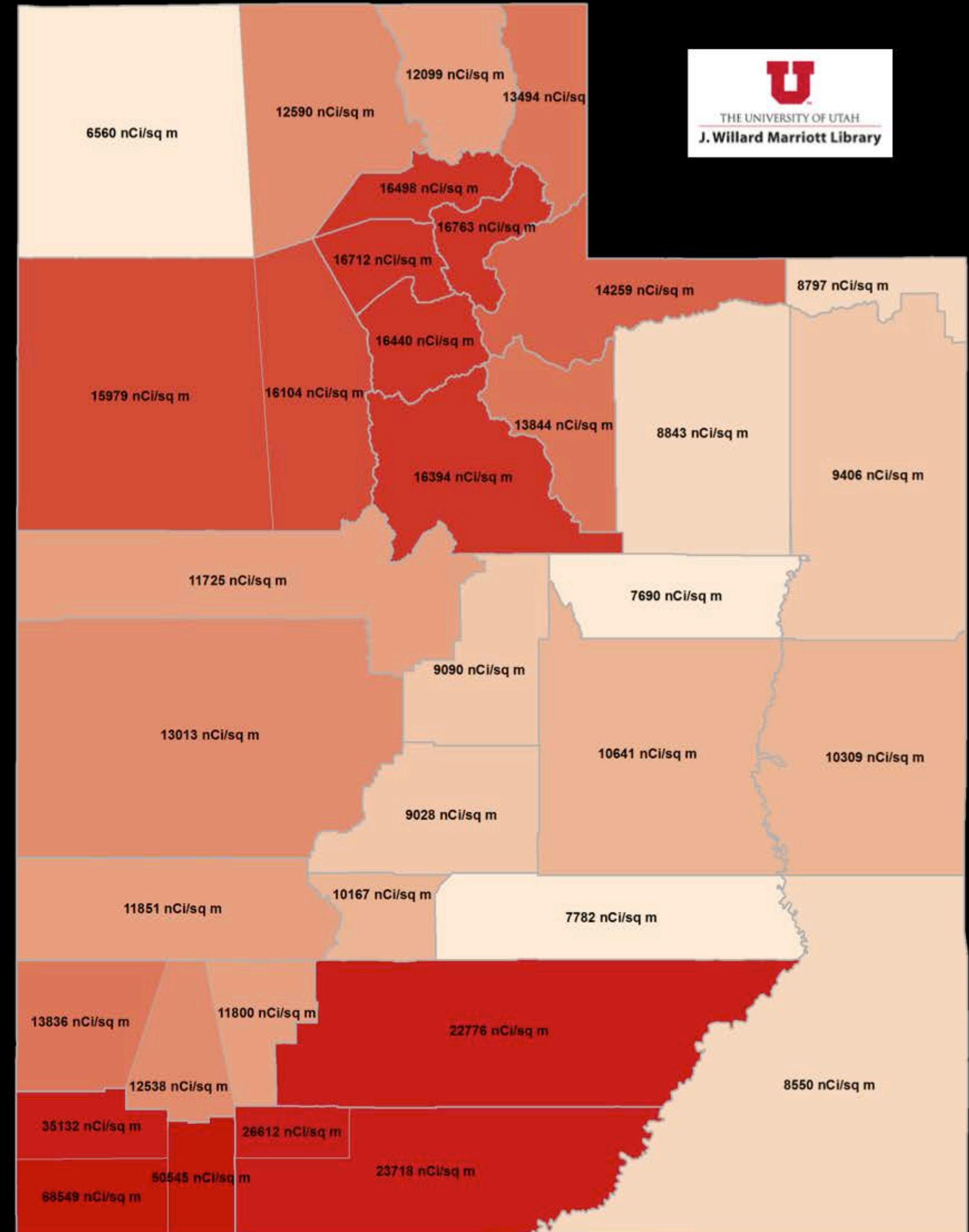
Summarized I-131 Ground Deposition Levels Related to All Tests Producing Off-Site Atmospheric Fallout January 28, 1951 – September 23, 1992



The Nevada Test Site boundaries are located 135 miles west of Saint George, Utah. A total of 928 tests were conducted during the nuclear testing era; however, only 155 of these tests were found to have produced off-site fallout and only 90 of these were included in the National Cancer Institute study.

Estimated I-131 Ground Deposition (nCi/sq m)

6560 - 7782
7783 - 8843
8844 - 9406
9407 - 10641
10642 - 12099
12100 - 13013
13014 - 13844
13845 - 14259
14260 - 16104
16105 - 16763
16764 - 35132
35133 - 68549



3D visualizations of the I-131 fallout data depict areas receiving the highest impact of the operation series. For all tests conducted and recording off-site fallout at the Nevada Test Site, the data shows the highest summarized level of fallout located in Washington county (NCI Zone 2) @ 68,549 nCi/sq m.

Data figures were produced as part of the National Cancer Institute study: Estimated Exposures and Thyroid Doses to the American People from Iodine-131 in Fallout from Nevada Atmospheric Nuclear Bomb Tests. These figures represent the summarized geometric mean for the average ground depositions (nCi/sq. m) for each county within Utah related to all events with off-site fallout conducted at the Nevada Test Site.