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Project Definition: **The entire collection for a contracted area.**
Work Unit Definition: **A production block of data defined by the National Geospatial Technical Operations Center due to expediency, priority or resource allocation. There can be one or many work units per project.**

Project Information

Lidar Base Specification: Lidar Base Specification 2022 rev. A.	**Primary Contractor:** Dewberry Consultants LLC (Dewberry)
Las Version: 1.4	**Contract Mechanism:** GPSC
P Method: 13 - Topobathymetric Lidar	
Collection Start Date: 09-24-2022	**Collection End Date:** 09-24-2022
The National Map Email: tnm_help@usgs.gov	

Vertical Accuracy Results - Please see the vertical_accuracy folder within the project metadata for more information.

The U.S. Geological Survey evaluates absolute vertical accuracy of the lidar and lidar-derived bare earth DEM data at the project level	**Lidar Point Cloud**		**Digital Elevation Model**	
	Required Value(cm)	**Tested Value (cm)**	**Required Value(cm)**	**Tested Value (cm)**
Non-Vegetated Vertical Accuracy 95-Percent Confidence Level	19.6	7.87	19.6	7.43
Vegetated Vertical Accuracy 95th Percentile	19.6	10.21	29.4	10.28
Bathymetric Vertical Accuracy 95-Percent Confidence Level	**36.3**	**34.40**	**36.3**	**32.30**

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The National Map

Project Name: UT_FishSprings_TB_D22

Report Date: 2023-05-31

Please see the vertical_accuracy folder within the project metadata for more information.

Classifications Used

Classification ID	Classification Type
Classification verification is limited to the minimum required by applicable Lidar Base Specification. Classifications beyond the minimum are not verified by USGS.	
1	Unclassified
2	Ground
7	Low Noise
17	Bridge Deck
18	High Noise
40	Bathymetric Point, Submerged Topography
41	Water Surface
45	Water Column, Neither surface nor bottom

Sensor(s) Used

Sensor
Riegl VQ-880 GH - Rotating Polygonal Mirror

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Work Unit Information

UT_FishSprings_Topobathymetric_D22		Work Unit ID: 300171	Quality Level: 1
Horizontal EPSG Code: 6341		Vertical EPSG Code: 5703	Geoid Model: GEOID18
DEM Ground Sample Distance: 0.5		Hydro Treatment: no hydro treatment	
Collection Start Date: 2022-09-24		Collection End Date: 2022-09-24	

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