

GEOSPATIAL MATURITY ASSESSMENT 2021

Arizona Report Card

Overall Grade: B-

COORDINATION	GRADE: A
STATE-LED THEMES	GRADE
Address	A-
Cadastre	F
Elevation	C-
Orthoimagery Leaf-Off	D+
Transportation	A
FEDERAL-LED THEMES	GRADE
Geodetic Control	B-
Government Units	A
Hydrography	B
Orthoimagery Leaf-On	B

METRICS:

A - Superior

B - Above average

C - Average

D - Below average

F - Failure

N/A - Not Applicable

The National States Geographic Information Council Geospatial Maturity Assessment provides NSGIC members and other partners with a summary of geospatial initiatives, capabilities, and issues within and across state governments. The NSGIC GMA now produce report cards for each state on central data themes and coordination topics. The assessment is performed every two years.



ARIZONA GMA RESPONSE

Arizona appreciates the opportunity to participate in the NSGIC Geospatial Maturity Assessment (GMA). The value of this bi-annual assessment is great. It provides a broad perspective of geospatial maturity across the nation. The GMA shows where Arizona is in comparison with other states which states may provide opportunities for Arizona to seek improvement. The annual report card approach also allows Arizona's stakeholders to quickly understand the status of our state's complex geospatial development and collaboration over time.

The GMA also provides insight into at least one theme in which Arizona appears to be unique. The National Agriculture Imagery Program (NAIP) provides Arizona with statewide imagery on average every two years. In many states, this imagery is considered Leaf-on, and as stated in the GMA documentation, is primarily used for forestry and agriculture purposes. Leaf-off orthoimagery in those same states is typically utilized for tax assessment and emergency response. In Arizona, due to its climate and landscape, NAIP imagery meets the state level needs of most stakeholders very well. Regionally, there are cooperative programs which provide orthoimagery for the years the NAIP is not flown, or in local areas where higher resolution imagery is required. From a statewide perspective, there is little interest to invest in additional orthoimagery programs. Therefore, scarce resources are allocated to other higher geospatial priorities. We believe the low grade Arizona receives for the Orthoimagery Leaf-off theme is due to Arizona's unique set of circumstances.

While we may disagree with our statewide orthoimagery grade, we believe the grades Arizona received for the other themes reflect an accurate representation of both the successes and challenges Arizona faces in our overall geospatial maturity.

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