

Climate Trends, Golden Spike National Historic Site, Utah

Patrick Gonzalez

Natural Resource Stewardship and Science, National Park Service, Washington, DC

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Historical and projected climate trends for the 50 km x 50 km area that includes the park
(Gonzalez et al. 2010, IPCC 2007, Mitchell and Jones 2005).

	mean	SD	mean	SD
Historical (1901-2002)				
temperature annual average	9.4	0.7 °C	49	1.3 °F.
temperature linear trend	0.1	N.S. °C/century	0.2	N.S. °F./cent.
precipitation annual average	340	80 mm/y	13	3 in./year
precipitation linear trend	-15	N.S. %/century	-15	N.S. %/century
Projected (1990-2100)				
IPCC B1 scenario (lower emissions)				
temperature annual average trend	3	1.2 °C/century	5.5	2.2 °F./cent.
precipitation annual average trend	4	16 %/century	4	16 %/century
IPCC A1B scenario (medium emissions)				
temperature annual average trend	4	1.2 °C/century	7.2	2.2 °F./cent.
precipitation annual average trend	8	16 %/century	8	16 %/century
IPCC A2 scenario (higher emissions)				
temperature annual average trend	4.6	1.2 °C/century	8.3	2.2 °F./cent.
precipitation annual average trend	11	16 %/century	11	16 %/century

Sig. = statistically significant

N.S. = not statistically significant

References

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For More Information

- Kunkel, K.E., L.E. Stevens, S.E. Stevens, L. Sun, E. Janssen, D. Wuebbles, K.T. Redmond, and J.G. Dobson. 2013. *Regional Climate Trends and Scenarios for the U.S. National Climate Assessment. Part 5. Climate of the Southwest U.S.* National Oceanic and Atmospheric Administration, Technical Report NESDIS 142-5, Washington, DC.

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