

## **Map sources for the range of Joshua Tree (*Yucca brevifolia*).**

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### **Target Accuracy**

This coverage likely has an accuracy of <5 km. Because plant ranges are not only poorly known, but also discontinuous and of variable density, this target may remain elusive. This map is primarily intended to provide a digitized coverage suitable for use in GIS while combining all of the available data to create the most complete coverage possible using publicly accessible data. The data used in this map likely represent fairly continuous stands of Joshua Tree. Isolated trees or small clusters may not be mapped. The primary sources of data for this map were Rowlands (1978), Turner et al. (1995) and MDEP (1998). Other source maps are more general in nature.

### *Source Maps:*

Benson, L. and R.A. Darrow. 1981. Trees and Shrubs of the Southwestern Deserts. University of Arizona Press, Tucson. Distribution map of the coverage at an unknown scale.

MDEP (Mojave Desert Ecosystem Program). 1998. Map of vegetation types. Mojave Desert Ecosystem Project CD-ROM. UVS4M 12/98 Department of Defense Legacy Program in cooperation with the Department of Interior.

Rowlands, P. G. 1978. The vegetation dynamics of the Joshua Tree (*Yucca brevifolia* Engelm.) in the southwestern United States of America. Ph.D. dissertation, University of California, Riverside. 192 pp.

Turner, R.M., J.E. Bowers, and T.L. Burgess. 1995. Sonoran Desert Plants: An Ecological Atlas. University of Arizona Press, Tucson. Map of observations and voucher specimens in the Sonoran and Mojave Deserts accurate to within about 10 km.

U.S. Geological Survey. 1999. Digital representation of "Atlas of United States Trees" by Elbert L. Little, Jr. <http://climchange.cr.usgs.gov/data/atlas/little/>