

Prepared in cooperation with the U.S. Army Corps of Engineers

**Data Collected to Support Monitoring of Constructed
Emergent Sandbar Habitat on the Missouri River
Downstream from Gavins Point Dam, South Dakota
and Nebraska, 2004–06**

Open-File Report 2007–1056

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By Ryan F. Thompson, Michaela R. Johnson, and Michael J. Andersen

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**U.S. Department of the Interior
U.S. Geological Survey**

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U.S. Geological Survey
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Conversion Factors

Multiply	By	To obtain
	Length	
inch (in.)	2.54	centimeter (cm)
inch (in.)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
	Flow rate	
foot per second (ft/s)	0.3048	meter per second (m/s)
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second (m ³ /s)

Vertical coordinate information is referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29).

Horizontal coordinate information is referenced to either the North American Datum of 1983 (NAD 83) or the North American Datum of 1927 (NAD 27). See metadata of the individual data sets for specific horizontal datum.

Acronyms

ADCP	Acoustic Doppler Current Profiler
ADV	Acoustic Doppler Velocimeter
DGPS	differential global positioning system
DOQ	digital orthophoto quadrangle
ESH	emergent sandbar habitat
GIS	geographic information system
GPS	global positioning system
NGS	National Geodetic Survey
QA/QC	quality-assurance/quality-control
RM	river mile
RTK	real-time kinematic
TIN	triangular irregular network
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geological Survey
UTM	Universal Transverse Mercator