454,000 N
452,000 N
450,000 N
448,000 N
446,000 N
830,000 E
826,000 E
824,000 E
822,000 E
456,000 N

ILLINOIS
MISSOURI
BUMGARD ISLAND
COMMERCIAL POINT
DANNIELS LANDING
BUMGARD CHUTE

SURVEYED APRIL 27, 2011
BY MW SIMPSON II
SURVEYED AUG 2, 2010

LWRP 294.86
LWRP 295.71

H.P. 30.3(L)
H.P. 30.5(L)
H.P. 30.1(L)

DIKE 32.2(L)
DIKE 32.0(L)
DIKE 31.9(L)
DIKE 31.8(L)
DIKE 31.6 (L)
DIKE 31.4(L)
DIKE 31.2(L)
DIKE 31.1(L)

CHEVRON 32.6(R)
DIKE 32.6(R)
CHEVRON 32.4(R)
DIKE 32.2 (R)
DIKE 32.0 (R)

WEIR 30.55 (R)
WEIR 30.5 (R)

SEE PLATE NO. 83
SEE PLATE NO. 85

GAGE RECORD			
WATER SURFACE	PRICE'S LANDING	GRAYS POINT	THEBES
ZERO NGVD.	299.75	301.18	300.0
MILE	28.2	46.3	43.7
L.W.R.P.	293.1	306.3	304.8
AUG 2, 2010	324.56	335.78	342.91
APR 27, 2011	336.09		

ELEVATIONS ARE REFERRED TO NGVD. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (LWRP) 54.000 CFSO

EL.100
EL.50
EL.10
EL.0
EL.-10
EL.-20
EL.-30

240 METERS
120 0 400 800 FEET

DATE OF PHOTO MOSAIC: 22-24 FEB 2006
ST. LOUIS GAGE: -1.7, -1.8, -1.3
CAIRO GAGE: 21.1, 20.1, 19.5

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY PERFORMED AT THE TIME INDICATED AND IS AN ACCURATE REPRESENTATION OF THE GENERAL CONDITIONS EXISTING AT THAT TIME

US Army Corps of Engineers
St. Louis District

Survey Date: AUG 2, 2010 & APRIL 27, 2011
Surveyed by: BOWEN ENGINEERING
Reviewed by: JAMES KEIM
Drawn by: VICTOR BEHRMANN
Ckd by: DAWN LAMM
SUBMITTED: JAMES L. KEIM, Chief, Engr. Data Mngt. Sect.
APPROVED: KEITH L. SHORT, Chief, Geospatial Branch
Plot scales:
Plot dates: JULY 2011
File names: S:\HYDRO\BOOKS\MR_0_200\2010\DSN

U.S. ARMY ENGINEER DIVISION
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

UPPER MISSISSIPPI RIVER BASIN
HYDROGRAPHIC SURVEY
RIVER MILES 30.5 - 32.5

PLATE NUMBER
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