

SURVEY NOTES:

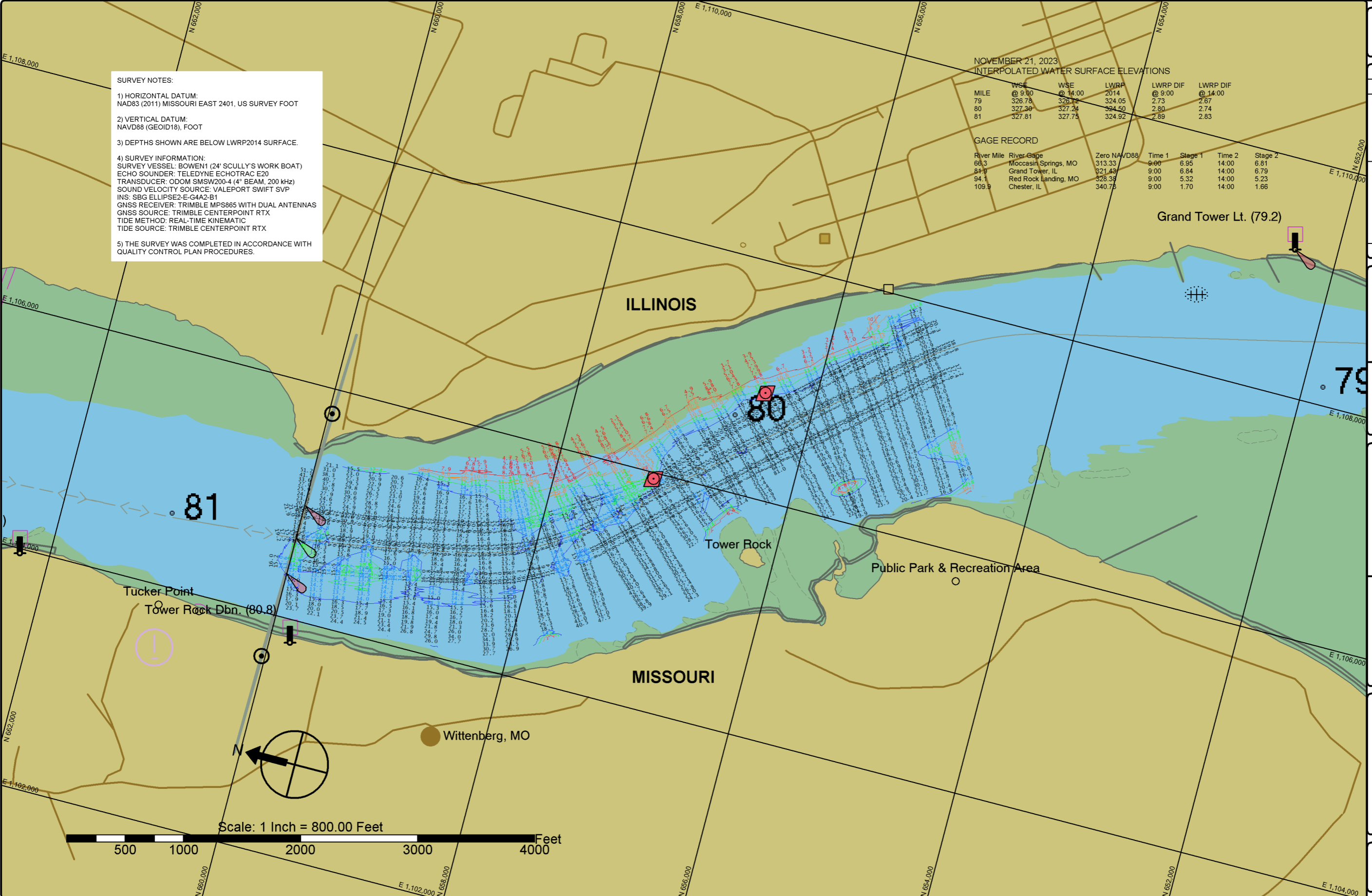
- HORIZONTAL DATUM:
NAD83 (2011) MISSOURI EAST 2401, US SURVEY FOOT
- VERTICAL DATUM:
NAVD88 (GEOID18), FOOT
- DEPTHS SHOWN ARE BELOW LWRP2014 SURFACE.
- SURVEY INFORMATION:
SURVEY VESSEL: BOWEN1 (24' SCULLY'S WORK BOAT)
ECHO SOUNDER: TELEDYNE ECHOTRAC E20
TRANSDUCER: ODOM SMSW200.4 (4" BEAM, 200 kHz)
SOUND VELOCITY SOURCE: VALEPORT SWIFT SVP
INS: SBG ELLIPSE2-E-G4A2-B1
GNSS RECEIVER: TRIMBLE MPS865 WITH DUAL ANTENNAS
GNSS SOURCE: TRIMBLE CENTERPOINT RTX
TIDE METHOD: REAL-TIME KINEMATIC
TIDE SOURCE: TRIMBLE CENTERPOINT RTX
- THE SURVEY WAS COMPLETED IN ACCORDANCE WITH QUALITY CONTROL PLAN PROCEDURES.


NOVEMBER 21, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE		LWRP	LWRP DIF	
	@ 9:00	@ 14:00		@ 9:00	@ 14:00
79	326.78	326.72	324.05	2.73	2.67
80	327.30	327.24	324.50	2.80	2.74
81	327.81	327.75	324.92	2.89	2.83

GAGE RECORD

River Mile	River Gage	Zero NAVD88	Time 1	Stage 1	Time 2	Stage 2
68.3	Moccasin Springs, MO	313.33	9:00	6.95	14:00	6.81
84.9	Grand Tower, IL	321.43	9:00	6.84	14:00	6.79
94.1	Red Rock Landing, MO	328.38	9:00	5.32	14:00	5.23
109.9	Chester, IL	340.73	9:00	1.70	14:00	1.66





St. Louis District

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