

U.S. ARMY CORPS OF ENGINEERS

*Mississippi Valley Region, Rock Island District
Operations Division, Tech Support Branch*

2008 Upper Mississippi River Spring Reconnaissance *Pools 11 to 22, covering river miles 614 to 301*



Motor Vessel HINDS

Reconnaissance performed by: **Chris Reger**
Justin Coldwater
Lee Schweiger

Data collected March thru April, 2008

SPRING 2008 MISSISSIPPI RIVER CHANNEL CONDITION

Reach River Miles	Reach Name	Date of Recon	Minimum channel width in reach	Change from Fall 2007	Shoalest center depth in reach at flat pool	Shoal or Concern on Left Descending +Depth at flat pool	Shoal or Concern on Centerline +Depth at flat pool	Shoal or Concern on Right Descending +Depth at flat pool
Pool 11								
612.6-614.0	Goetz Island	8-Apr-08	400'	0	11.4'	10.8'	11.4'	9.0'
611.0-612.6	St. Louis Woodyard	8-Apr-08	500'	0	12.0'	9.8'	12.0'	10.0'
609.6-611.0	Island 189	8-Apr-08	325'	25'	10.9'	10.9'	10.9'	10.3'
608.4-609.6	Turkey River	8-Apr-08	350'	0	12.9'	9.6'	12.9'	13.2'
607.4-608.4	Cassville Upper	8-Apr-08	300'	0	11.8'	9.8'	11.8'	11.2'
604.2-605.4	Cassville Lower	8-Apr-08	400'	0	12.9'	10.3'	12.9'	11.1'
602.0-603.4	Buena Vista	8-Apr-08	400'	0	13.4'	13.4'	13.4'	11.3'
598.0-599.3	Hurricane	8-Apr-08	300'	25'	12.0'	9.5'	12.0'	10.3'
596.6-598.0	Cameron Light	8-Apr-08	300'	0	12.4'	11.9'	12.4'	10.0'
595.4-596.6	Finley's Landing	8-Apr-08	300'	40'	11.2'	9.9'	11.2'	9.0'
594.4-595.4	Rosebrook	8-Apr-08	300'	0	12.4'	9.1'	12.4'	10.3'
Pool 12								
573.8-575.0	Shinkles Bar	7-Apr-08	325'	25'	11.4'	10.2'	11.4'	10.0'
572.4-573.6	Royal Arch	7-Apr-08	400'	50'	13.3'	12.6'	13.3'	10.1'
567.4-569.2	Deadman's Island	7-Apr-08	300'	25'	12.6'	9.9'	12.6'	11.4'
564.4-566.0	Gordon's Ferry	7-Apr-08	350'	0	11.9'	10.0'	11.9'	9.3'
561.2-562.4	Island 241 Light	7-Apr-08	400'	0	11.8'	8.9'	11.8'	10.3'
Pool 13								
553.8-554.8	Bellevue Lower	3-Apr-08	350'	0	12.4'	10.6'	12.4'	10.2'
552.0-553.0	Pleasant Creek	3-Apr-08	350'	50'	11.9'	12.1'	11.9'	10.2'
549.8-551.0	Sand Prairie	3-Apr-08	400'	50'	11.4'	7.9'	11.4'	9.6'
547.0-548.4	Maquoketa River	3-Apr-08	325'	0	11.9'	10.2'	11.9'	11.7'
544.6-546.0	Island 257 Light	3-Apr-08	300'	0	11.8'	13.0'	11.8'	10.0'
543.4-544.6	Arnold's Light	3-Apr-08	300'	0	10.6'	9.8'	10.6'	9.5'
540.0-541.0	Kellers	3-Apr-08	300'	50'	17.7'	11.0'	17.7'	19.8'

Areas of concern less than 300' wide (or shallow) are listed **in bold**.
 Areas of concern less than 250' wide are listed **in bold italics**.

SPRING 2008 MISSISSIPPI RIVER CHANNEL CONDITION

Reach River Miles	Reach Name	Date of Recon	Minimum channel width in reach	Change from Fall 2007	Shoalest center depth in reach at flat pool	Shoal or Concern on Left Descending +Depth at flat pool	Shoal or Concern on Centerline +Depth at flat pool	Shoal or Concern on Right Descending +Depth at flat pool
Pool 13								
538.6-539.8	Savanna Bay	3-Apr-08	400'	-100	11.6'	12.5'	11.6'	10.5'
536.0-537.2	Savanna Lower	3-Apr-08	400'	50'	12.2'	10.8'	12.2'	10.0'
532.8-534.4	Sabula Lower	3-Apr-08	400'	0	10.2'	9.4'	10.2'	11.1'
531.0-532.6	Dark Slough	3-Apr-08	300'	0	12.1'	10.1'	12.1'	9.1'
529.4-531.0	Smith Bay	3-Apr-08	350'	0	13.6'	10.7'	13.6'	8.7'
527.0-528.0	Elk River	3-Apr-08	350'	0	13.4'	8.9'	13.4'	9.9'
Pool 14								
518.2-519.6	Joyce's Island	3-Apr-08	350'	50'	16.2'	18.4'	16.2'	13.5'
516.4-517.6	Beaver Island Upper	3-Apr-08	350'	50'	11.6'	8.3'	11.6'	9.8'
515.2-516.4	Beaver Island Lower	3-Apr-08	400'	-100	13.0'	10.7'	13.0'	12.4'
512.6-514.0	Albany	3-Apr-08	400'	150'	10.6'	10.4'	10.6'	9.5'
507.4-509.0	Adams Island	3-Apr-08	500'	0	12.5'	9.4'	12.5'	12.6'
505.4-506.6	Wapsi River	3-Apr-08	600'	0	13.9'	14.4'	13.9'	11.1'
503.0-504.3	Steamboat Slough	3-Apr-08	350'	0	11.2'	10.6'	11.2'	9.8'
Pool 15								
492.0-493.3	Lock 14 Lower	3-Apr-08	500'	0	11.4'	9.0'	11.4'	7.8'
489.4-491.2	Campbell's Island	3-Apr-08	400'	50'	11.5'	7.6'	11.5'	7.1'
487.2-488.4	Duck Creek	3-Apr-08	400'	100'	11.9'	11.5'	11.9'	10.8'
Pool 16								
482.0-482.9	Lock 15 Lower	2-Apr-08	350'	50'	13.7'	10.0'	13.7'	10.4'
481.0-482.0	Crescent Bridge	2-Apr-08	400'	50'	11.5'	7.8'	11.5'	9.8'
479.8-481.0	R.I. Terminals	2-Apr-08	400'	0	9.9'	8.1'	9.9'	10.0'
477.6-478.6	I-280 Bridge	2-Apr-08	350'	-50	12.6'	8.8'	12.6'	10.6'
475.0-476.4	Linwood	2-Apr-08	300'	0	9.7'	8.6'	9.7'	9.5'
471.4-473.4	Buffalo	2-Apr-08	350'	0	10.3'	9.9'	10.3'	9.5'

Areas of concern less than 300' wide (or shallow) are listed **in bold**.
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SPRING 2008 MISSISSIPPI RIVER CHANNEL CONDITION

Reach River Miles	Reach Name	Date of Recon	Minimum channel width in reach	Change from Fall 2007	Shoalest center depth in reach at flat pool	Shoal or Concern on Left Descending +Depth at flat pool	Shoal or Concern on Centerline +Depth at flat pool	Shoal or Concern on Right Descending +Depth at flat pool
Pool 16								
469.0-470.0	Monpelier	2-Apr-08	350'	-50	10.8'	9.9'	10.8'	9.8'
466.5-468.0	Dr. Mary Light	2-Apr-08	400'	100'	12.2	10.9'	12.2'	12.4'
462.6-464.0	Fairport	2-Apr-08	450'	100'	12.7'	11.4'	12.7'	13.9'
461.0-462.4	Hershey Upper	2-Apr-08	400'	0	11.1'	11.3'	11.1'	11.1'
459.6-461.0	Hershey Lower	2-Apr-08	350'	50'	12.5'	11.4'	12.5'	9.6'
457.5-458.5	Hog Island	2-Apr-08	450'	100'	14.4'	14.0'	14.4'	15.6'
Pool 17								
447.0-448.4	Bass Island	2-Apr-08	350'	50'	10.9'	9.2'	10.9'	9.2'
445.8-446.8	Barkis Island	2-Apr-08	500'	100'	13.1'	9.3'	13.1'	8.9'
443.6-445.0	Bogus Island	2-Apr-08	400'	0	13.1'	9.9'	13.1'	8.4'
438.0-443.0	Jonas Johnson Island	2-Apr-08	600'	150'	14.5'	12.8'	14.5'	12.2'
Pool 18								
432.6-434.4	New Boston	2-Apr-08	500'	0	15.3'	11.3'	15.3'	10.7'
430.8-432.2	Edwards River	2-Apr-08	350'	0	13.5'	11.8'	13.5'	10.9'
426.0-427.6	Keithsburg	2-Apr-08	400'	0	10.9'	10.8'	10.9'	10.0'
425.0-426.0	Willow Bar	2-Apr-08	450'	0	9.1'	8.8'	9.1'	10.5'
423.4-425.0	Huron Island	2-Apr-08	400'	0	10.7'	10.4'	10.7'	9.6'
420.6-422.0	Johnson Island	2-Apr-08	500'	0	14.6'	13.9'	14.6'	12.4'
418.6-420.0	Benton Island	2-Apr-08	500'	100'	11.2'	8.0'	11.2'	11.4'
414.0-415.5	Oquawka	2-Apr-08	400'	0	12.1'	12.1'	12.1'	10.3'
412.6-414.0	Fernal Island	2-Apr-08	400'	50'	12.8'	12.3'	12.8'	10.9'
410.6-411.6	LD 18 Upper	2-Apr-08	800'	0	17.1'	17.1'	17.1'	12.9'
Pool 19								
407.0-408.0	Drew Chute Upper	1-Apr-08	500'	0	13.8'	11.9'	13.8'	11.5'
405.4-406.6	Drew Chute Lower	1-Apr-08	400'	0	11.2'	9.6'	11.2'	10.6'

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SPRING 2008 MISSISSIPPI RIVER CHANNEL CONDITION

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Pool 19								
404.0-405.4	Burlington Bridge	1-Apr-08	400'	0	12.8'	11.3'	12.8'	14.3'
402.0-404.0	Burlington R/R	1-Apr-08	400'	0	11.1'	11.0'	11.1'	13.2'
399.4-400.4	Burlington Bluff	1-Apr-08	350'	0	11.7'	9.3'	11.7'	10.7'
398.0-399.0	Craigel Island	1-Apr-08	400'	0	11.3'	12.4'	11.3'	15.4'
396.6-398.0	Kemps Island	1-Apr-08	350'	0	11.5'	9.1'	11.5'	9.1'
395.3-396.6	Skunk River	1-Apr-08	450'	100'	12.6'	14.4'	12.6'	9.4'
392.5-395.0	Shokokon	1-Apr-08	450'	100'	11.8'	8.2'	11.8'	11.1'
389.6-391.0	Dallas City	1-Apr-08	400'	0	11.9'	10.8'	11.9'	10.1'
388.0-389.6	Pontoosac	1-Apr-08	450'	50'	11.9'	9.8'	11.9'	11.1'
Pool 20								
362.8-364.0	Lock 19 Lower	1-Apr-08	450'	50'	11.1'	9.8'	11.1'	9.1'
360.6-362.0	Des Moines River	1-Apr-08	500'	0	11.4'	11.9'	11.4'	10.3'
358.0-359.0	Alexandria	1-Apr-08	450'	0	11.9'	9.2'	11.9'	16.3'
356.0-357.0	Bledsoe	1-Apr-08	650'	50'	14.3'	14.2'	14.3'	11.3'
355.0-356.0	Fox Island Upper	1-Apr-08	550'	50'	10.4'	9.4'	10.4'	11.1'
354.0-355.0	Fox Island Lower	1-Apr-08	450'	0	11.2'	9.1'	11.2'	15.3'
350.8-352.5	Gregory Lower	1-Apr-08	450'	50'	11.1'	8.3'	11.1'	11.6'
348.4-349.8	Buzzard Island	1-Apr-08	450'	50'	11.1'	9.6'	11.1'	9.5'
345.0-346.0	Meyer Light	1-Apr-08	450'	-50'	12.8'	13.6'	12.8'	11.2'
Pool 21								
339.0-341.5	Smoots Chute	31-Mar-08	700'	0	10.4'	9.5'	10.4'	9.6'
337.0-338.4	Howards Crossing	31-Mar-08	400'	75'	9.6'	10.1'	9.6'	9.3'
335.2-337.0	LaGrange	31-Mar-08	350'	0	11.5'	8.4'	11.5'	10.1'
332.6-333.6	Willow Island	31-Mar-08	450'	0	9.1'	9.3'	9.1'	9.8'
331.6-332.6	Hogback	31-Mar-08	350'	0	9.8'	9.5'	9.8'	9.9'

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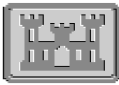
SPRING 2008 MISSISSIPPI RIVER CHANNEL CONDITION

Reach River Miles	Reach Name	Date of Recon	Minimum channel width in reach	Change from Fall 2007	Shoalest center depth in reach at flat pool	Shoal or Concern on Left Descending +Depth at flat pool	Shoal or Concern on Centerline +Depth at flat pool	Shoal or Concern on Right Descending +Depth at flat pool
Pool 21								
330.8-331.6	Lone Tree	31-Mar-08	400'	50'	9.9'	8.8'	9.9'	9.0'
326.9-328.0	Quincy Bridges	31-Mar-08	350'	-50	11.7'	10'	11.7'	11.9'
324.9-326.9	L/D 21 upper	31-Mar-08	500'	0	10.7'	14.9'	10.7'	9.9'
Pool 22								
323.0-324.2	LD 21 Lower	28-Mar-08	500'	0	11.6'	9.2'	11.6'	10.7'
319.4-320.8	NE MO Power	28-Mar-08	400'	100'	12.9'	7.7'	12.9'	7.9'
315.6-317.0	Bebee Island	28-Mar-08	700'	300'	13.5'	15.2'	13.5'	10.2'
312.6-314.4	Whitney	28-Mar-08	350'	-50	10.2	9.9'	10.2'	9.9'
310.8-312.6	Turtle Island	28-Mar-08	400'	0	10.7'	8.2'	10.7'	9.7'
305.0-306.0	Universal Atlas	28-Mar-08	450'	0	10.9'	9.6'	10.9'	10.9'
302.0-393.4	Saverton Bluff	28-Mar-08	600'	0	13.4'	16.5'	13.4'	10.6'
301.2-302.0	LD22 Upper	28-Mar-08	600'	0	14.2'	11.3'	14.2'	15.0'
300.4-301.2	LD22 Lower	28-Mar-08	350'	0	8.7'	7.3'	8.7'	6.0'

Areas of concern less than 300' wide (or shallow) are listed **in bold**.
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POOL 11





Mississippi River Reconnaissance Report

Pool 11

Date: 4/8/2008

Upper Gage: Lock 10 Tail - 609.20
 Lower Gage: Lock 11 Pool - 603.00

Goetz Island /river miles: 612.6 - 614.00				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		614.3	613.5	613.6
Present Minimum Depth		16.7	17.1	14.7
Local Stage		5.9	5.7	5.7
Adjusted Depth at L.O.L.		10.8	11.4	9.0
Min. Channel Width		400'	River Mile	614

Isolated shoal Right Descending RM 613.6

St. Louis Woodward 611.00 612.60				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		611.8	611.4	611
Present Minimum Depth		15.1	17.2	15
Local Stage		5.30	5.20	5.00
Adjusted Depth at L.O.L.		9.8	12.0	10.0
Min. Channel Width		500'	River Mile	611

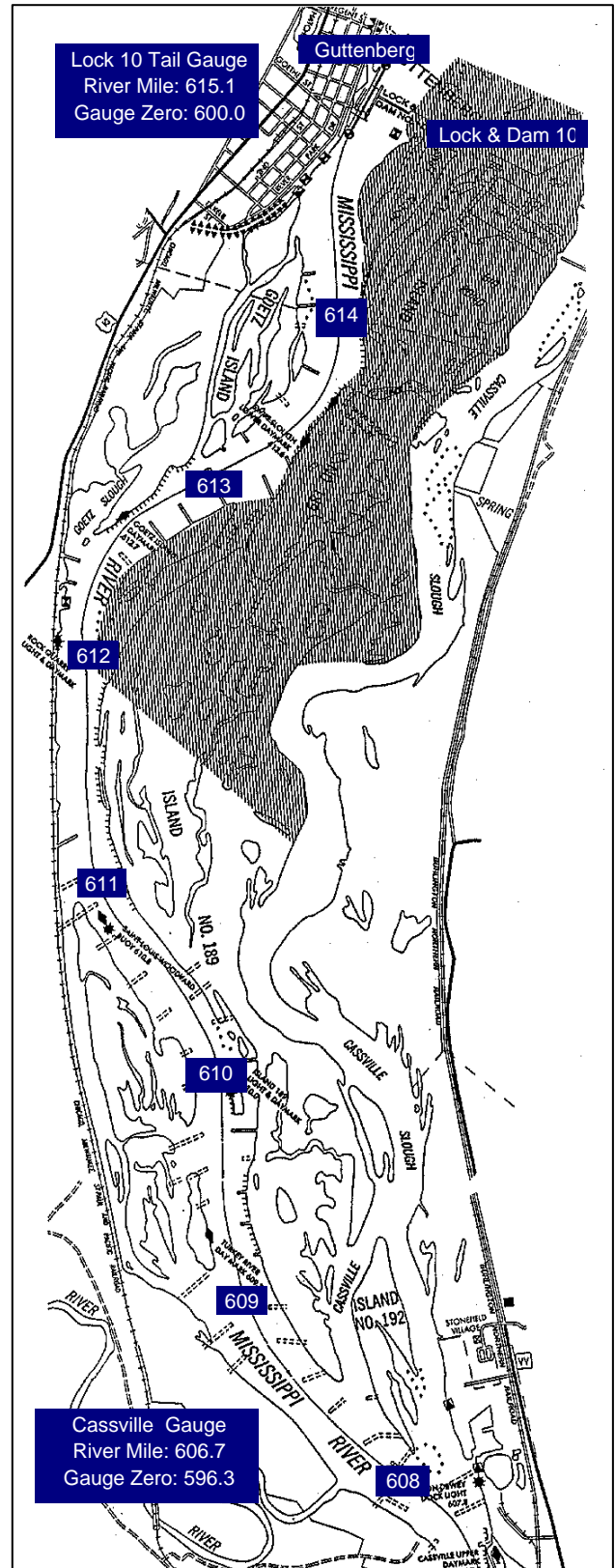
Isolated shoal on Left Descending RM 611.8

Island 189 /river miles: 609.6 - 611.00				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		610.6	609.9	609.9
Present Minimum Depth		15.8	15.6	15
Local Stage		4.90	4.70	4.70
Adjusted Depth at L.O.L.		10.9	10.9	10.3
Min. Channel Width		325'	River Mile	610

Reach looks good

Turkey River /river miles: 608.4 - 609.60				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		609.10	609.10	608.90
Present Minimum Depth		14.1	17.4	17.6
Local Stage		4.50	4.50	4.40
Adjusted Depth at L.O.L.		9.6	12.9	13.2
Min. Channel Width		350'	River Mile	609

Shoaling on Left Descending RM 609.0-609.2





Mississippi River Reconnaissance Report

Pool 11

Date: 4/8/2008

Upper Gage: Lock 10 Tail - 609.20
 Lower Gage: Lock 11 Pool - 603.00

Cassville Up. /river miles: 607.4 - 608.40				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		608.30	608.10	607.90
Present Minimum Depth		14	16	15.3
Local Stage		4.20	4.20	4.10
Adjusted Depth at L.O.L.		9.8	11.8	11.2
Min. Channel Width		300'	River Mile	608.1

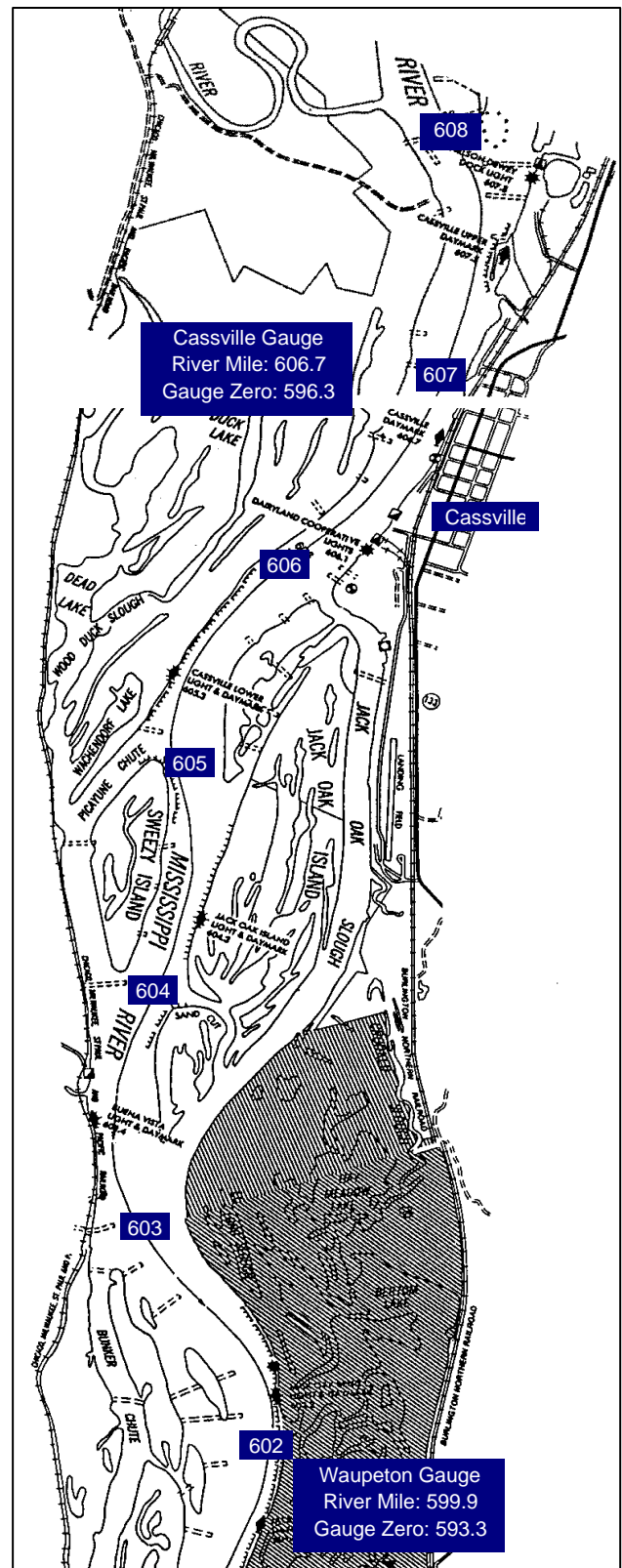
Isolated shoal Left Descending RM 608.3

Cassville Low. /river miles: 604.2 - 605.40				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		604.7	604.6	604.2
Present Minimum Depth		13.8	16.3	14.4
Local Stage		3.50	3.40	3.30
Adjusted Depth at L.O.L.		10.3	12.9	11.1
Min. Channel Width		400'	River Mile	605.1

Reach looks good

Buena Vista /river miles: 602.0 - 603.40				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		603.1	602.3	602
Present Minimum Depth		16.5	16.3	14.1
Local Stage		3.1	2.9	2.8
Adjusted Depth at L.O.L.		13.4	13.4	11.3
Min. Channel Width		400'	River Mile	602.5

Reach looks good





Mississippi River Reconnaissance Report

Pool 11

Date: 4/8/2008

Upper Gage: Lock 10 Tail - 609.20
Lower Gage: Lock 11 Pool - 603.00

Hurricane /river miles: 598.0 - 599.30				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		598.4	598.8	598.7
Present Minimum Depth		11.50	14.10	12.30
Local Stage		2.00	2.10	2.00
Adjusted Depth at L.O.L.		9.5	12.0	10.3
Min. Channel Width		300'	River Mile	598.9

Shoaling on Left Descending 598.2-598.7

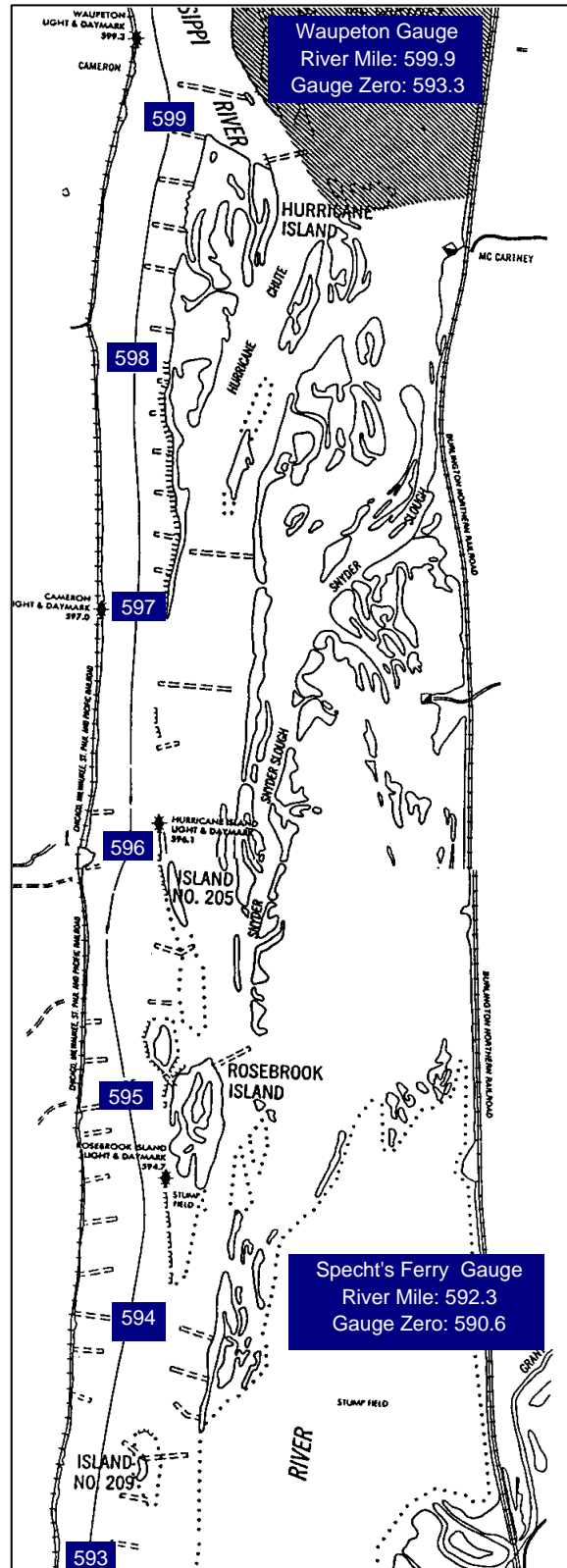
Cameron Light /river miles: 596.6 - 598.00				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		597	596.8	596.8
Present Minimum Depth		13.6	14.1	11.7
Local Stage		1.70	1.70	1.70
Adjusted Depth at L.O.L.		11.9	12.4	10.0
Min. Channel Width		300'	River Mile	597.3

Finley's Landing 595.4 - 596.60				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		596.2	595.6	595.6
Present Minimum Depth		11.4	12.6	10.4
Local Stage		1.5	1.4	1.4
Adjusted Depth at L.O.L.		9.9	11.2	9.0
Min. Channel Width		300'	River Mile	596.1

Shoaling on Left Descending RM 596.0-596.3
Shoaling on Right Descending RM 595.5-595.7

Rosebrook /river miles: 594.4 - 595.40				
Affected Channel Information				
F.P. -	603.00	Left	Center	Right
At River Mile		595.00	595.20	594.60
Present Minimum Depth		10.4	13.7	11.4
Local Stage		1.30	1.30	1.20
Adjusted Depth at L.O.L.		9.1	12.4	10.2
Min. Channel Width		300'	River Mile	595

Shoaling on Left Descending RM 595.0-595.6



POOL 12





Mississippi River Reconnaissance Report

Pool 12

Date: 4/7/2008

Upper Gage: Lock 11 Tail - 597.20
 Lower Gage: Lock 12 Pool - 591.90

Shinkles Bar /river miles: 573.8 - 575.00				
Affected Channel Information				
F.P. -	592.00	Left	Center	Right
At River Mile		575.1	574.9	574.9
Present Minimum Depth		13.8	15	13.6
Local Stage		3.6	3.6	3.6
Adjusted Depth at L.O.L.		10.2	11.4	10.0
Min. Channel Width		325'	River Mile	574.7

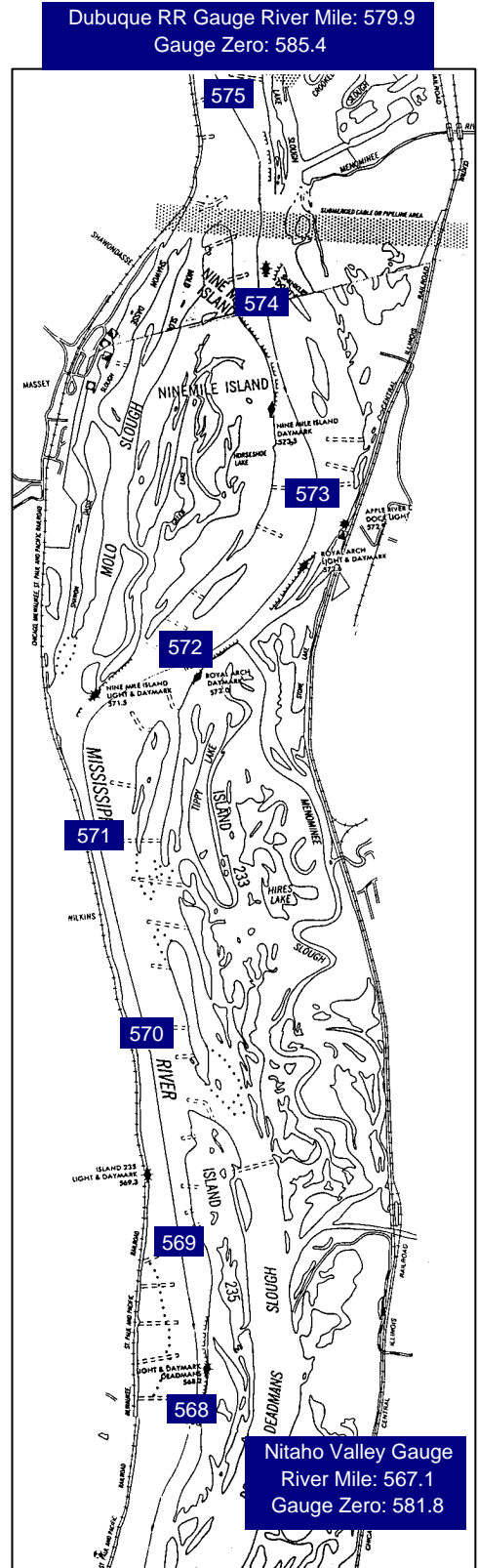
Isolated shoaling Right Descending RM 574.9

Royal Arch /river miles: 572.4 - 573.60				
Affected Channel Information				
F.P. -	592.00	Left	Center	Right
At River Mile		573.2	573	572.6
Present Minimum Depth		15.9	16.5	13.3
Local Stage		3.30	3.20	3.20
Adjusted Depth at L.O.L.		12.6	13.3	10.1
Min. Channel Width		400'	River Mile	572.9

Reach looks good

Deadman's Isl. river miles: 567.4 - 569.20				
Affected Channel Information				
F.P. -	592.00	Left	Center	Right
At River Mile		568.50	568.80	568.00
Present Minimum Depth		12.3	15	13.6
Local Stage		2.4	2.4	2.2
Adjusted Depth at L.O.L.		9.9	12.6	11.4
Min. Channel Width		300'	River Mile	567.9

Isolated shoal on Left Descending RM 568.5





Mississippi River Reconnaissance Report

Pool 12

Date: 4/7/2008

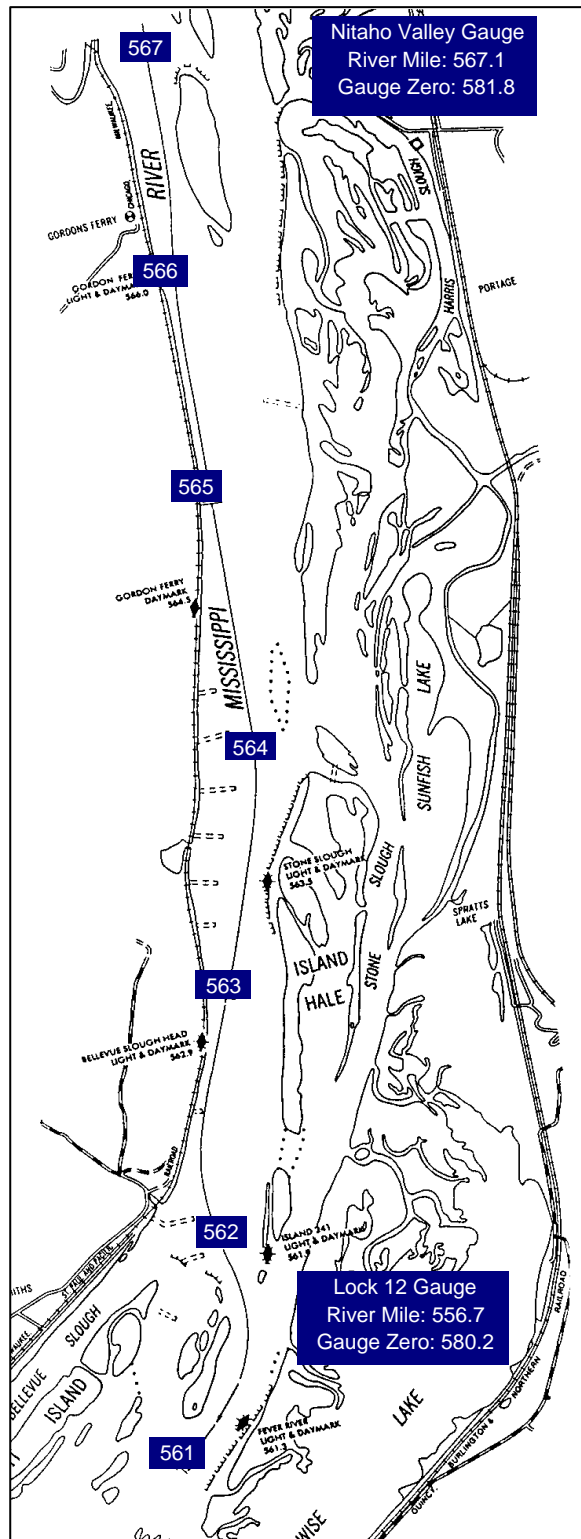
Upper Gage: Lock 11 Tail - 597.20
 Lower Gage: Lock 12 Pool - 591.90

Gordon's Ferry /river miles: 564.4 - 566.00			
Affected Channel Information			
F.P. - 592.00	Left	Center	Right
At River Mile	565.6	565.2	564.8
Present MinimumDepth	11.8	13.6	10.9
Local Stage	1.80	1.70	1.60
Adjusted Depth at L.O.L.	10.0	11.9	9.3
Min. Channel Width	350'	River Mile	565

Isolated shoal Right Descending RM 564.8

Isl. 241 Light /river miles: 561.2 - 562.40			
Affected Channel Information			
F.P. - 592.00	Left	Center	Right
At River Mile	561.80	562.10	562.00
Present MinimumDepth	9.9	12.8	11.3
Local Stage	1.0	1.0	1.0
Adjusted Depth at L.O.L.	8.9	11.8	10.3
Min. Channel Width	400'	River Mile	562

Shoaling on Left Descending RM 561.7-561.9



POOL 13





Mississippi River Reconnaissance Report

Pool 13

Date: 4/3/2008

Upper Gage: Lock 12 Tail - 589.50

Lower Gage: Lock 13 Pool - 582.90

Bellevue Lower /river miles: 553.80 554.80				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		554.4	554.3	554.5
Present Minimum Depth		16.7	19.2	16.3
Local Stage		6.1	6.8	6.1
Adjusted Depth at L.O.L.		10.6	12.4	10.2
Min. Channel Width		350'	River Mile	554

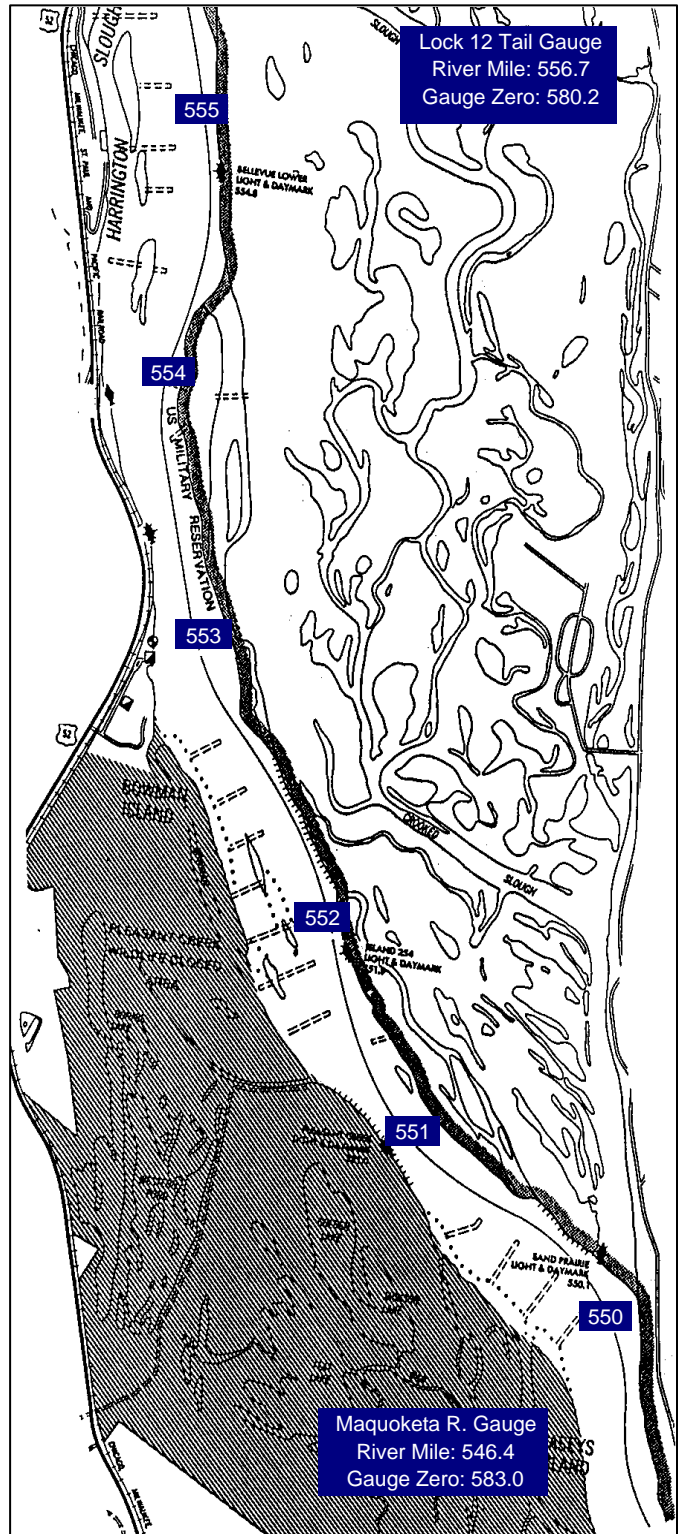
Reach looks good

Pleasant Creek /river miles 552.00 553.00				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		552.7	552	552
Present Minimum Depth		17.9	18.3	15.9
Local Stage		5.80	6.40	5.70
Adjusted Depth at L.O.L.		12.1	11.9	10.2
Min. Channel Width		350'	River Mile	552.2

Reach looks good

Sand Prairie /river miles: 549.80 551.00				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		550.9	550.8	549.8
Present Minimum Depth		13.4	17.6	14.9
Local Stage		5.50	6.20	5.30
Adjusted Depth at L.O.L.		7.9	11.4	9.6
Min. Channel Width		400'	River Mile	550.8

Isolated Shoaling on Left Descending RM 550.9
Shoaling on Right Descending RM 549.8-550.0





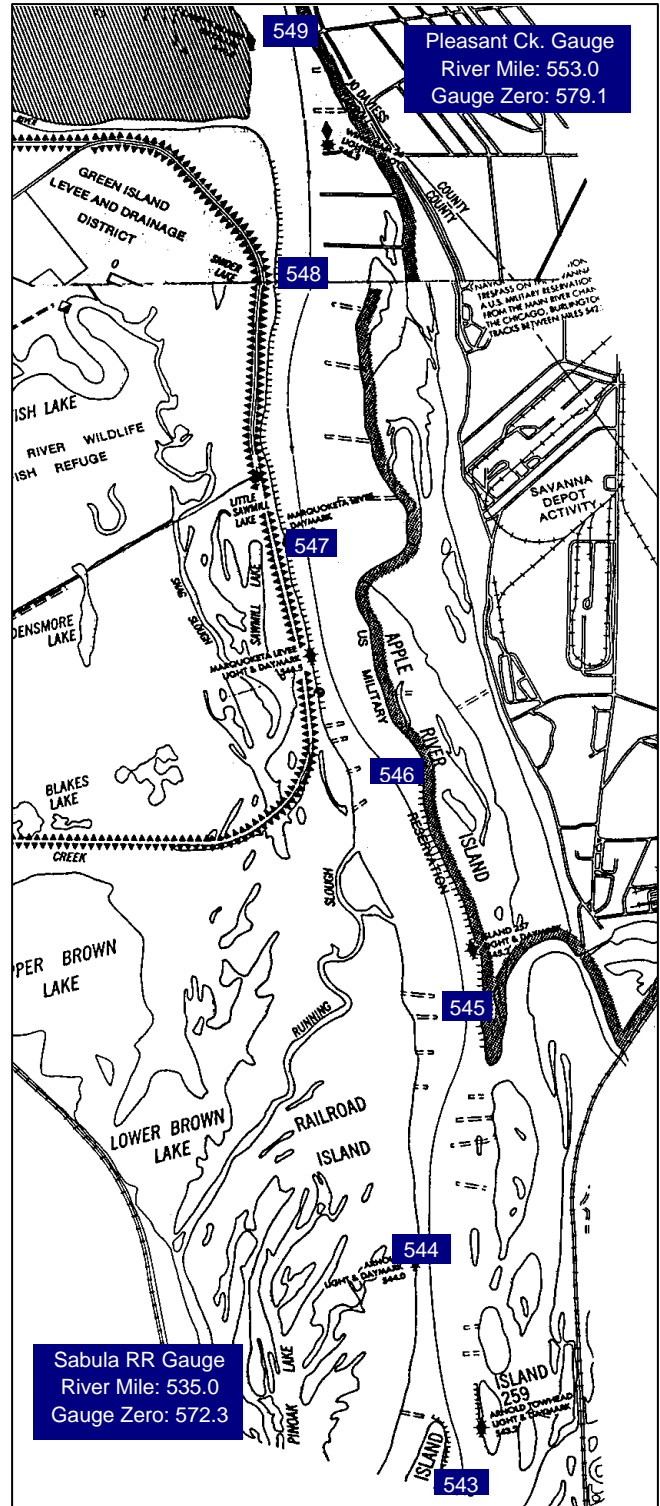
Mississippi River Reconnaissance Report

Pool 13

Date: 4/3/2008

Upper Gage: Lock 12 Tail - 589.50
Lower Gage: Lock 13 Pool - 582.90

Maquoketa R. /river miles: 547.00 548.40			
Affected Channel Information			
F.P. - 583.00	Left	Center	Right
At River Mile	547.40	547.70	547.90
Present MinimumDepth	15.1	17.6	16.7
Local Stage	4.90	5.70	5.00
Adjusted Depth at L.O.L.	10.2	11.9	11.7
Min. Channel Width	325'	River Mile	547.8
Reach looks good			



257 Light /river miles: 544.60 546.00			
Affected Channel Information			
F.P. - 583.00	Left	Center	Right
At River Mile	545.2	545.2	545.1
Present Minimum Depth	17.4	16.9	14.4
Local Stage	4.40	5.10	4.40
Adjusted Depth at L.O.L.	13.0	11.8	10.0
Min. Channel Width	300'	River Mile	545
Reach looks good			

Arnold's Island /river miles: 543.40 544.60			
Affected Channel Information			
F.P. - 583.00	Left	Center	Right
At River Mile	543.8	543.9	544.1
Present MinimumDepth	13.9	15.4	13.6
Local Stage	4.10	4.80	4.10
Adjusted Depth at L.O.L.	9.8	10.6	9.5
Min. Channel Width	300'	River Mile	543.7
Shoaling on Left Descending RM 543.6-543.8			
Shoaling on Right Descending RM 544.0-544.3			



Mississippi River Reconnaissance Report

Pool 13

Date: 4/3/2008

Upper Gage: Lock 12 Tail - 589.50
 Lower Gage: Lock 13 Pool - 582.90

Kellers /river miles: 540.00 541.00				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		540.7	540.6	540.6
Present Minimum Depth		14.4	21.6	23.2
Local Stage		3.40	3.90	3.40
Adjusted Depth at L.O.L.		11.0	17.7	19.8
Min. Channel Width		300'	River Mile	540.5

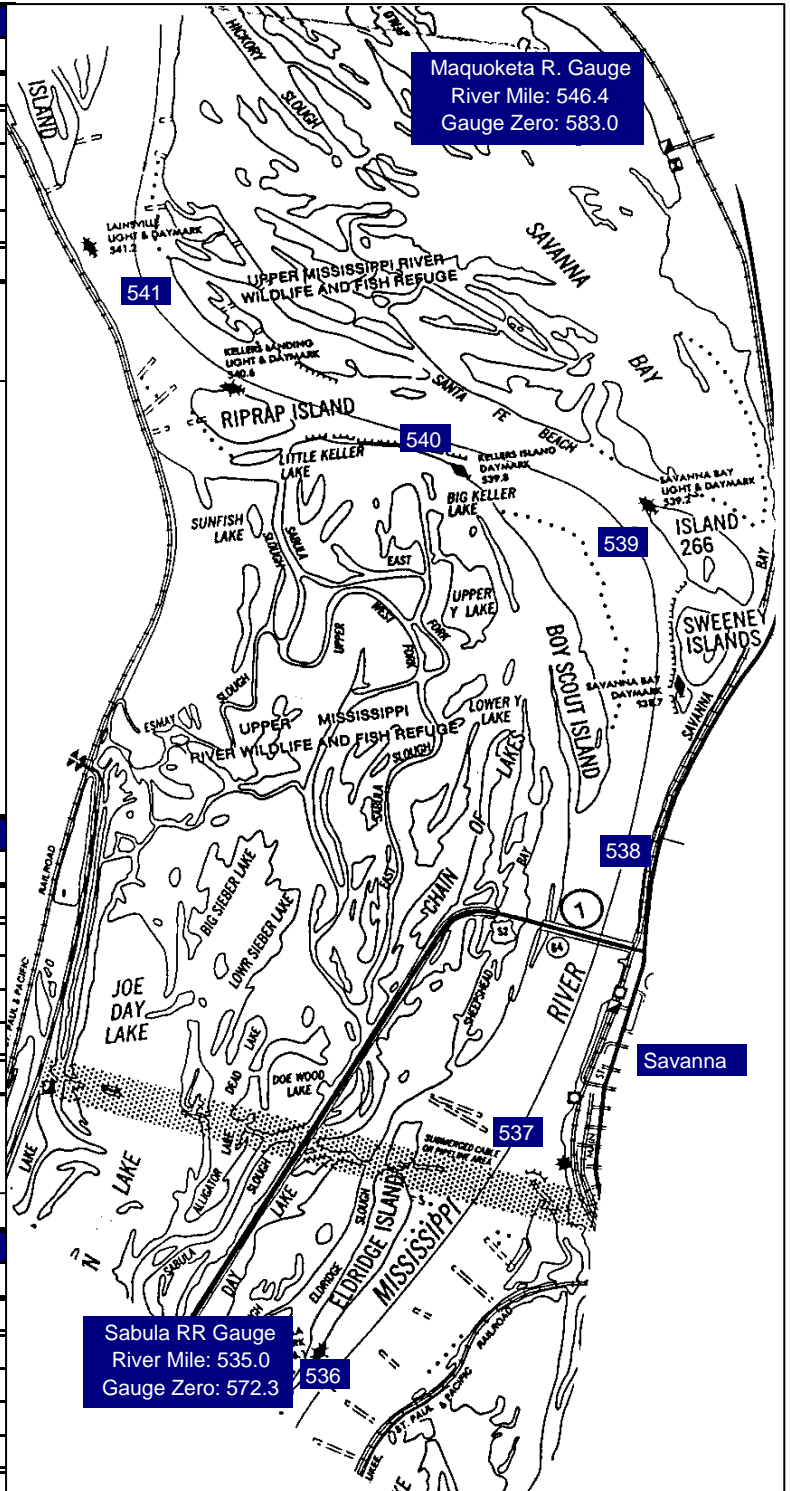
Reach looks good

Savanna Bay /river miles: 538.60 539.80				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		539.3	539.2	539.4
Present Minimum Depth		15.50	15.00	13.50
Local Stage		3.00	3.40	3.00
Adjusted Depth at L.O.L.		12.5	11.6	10.5
Min. Channel Width		400'	River Mile	539

Reach looks good

Savanna Lower /river miles: 536.00 537.20				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		536.9	537	537
Present Minimum Depth		13.3	15	12.5
Local Stage		2.50	2.80	2.50
Adjusted Depth at L.O.L.		10.8	12.2	10.0
Min. Channel Width		400'	River Mile	537

Reach looks good





Mississippi River Reconnaissance Report

Pool 13

Date: 4/3/2008

Upper Gage: Lock 12 Tail - 589.50
 Lower Gage: Lock 13 Pool - 582.90

Sabula Lower /river miles: 532.80 534.40				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		533.1	533.3	533.6
Present MinimumDepth		11.1	11.9	12.9
Local Stage		1.70	1.70	1.80
Adjusted Depth at L.O.L.		9.4	10.2	11.1
Min. Channel Width		400'	River Mile	533

Isolated Shoaling on Left Descending RM 533.1

Dark Slough /river miles: 531.00 532.60				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		531.30	531.50	531.30
Present MinimumDepth		11.5	13.6	10.5
Local Stage		1.40	1.50	1.40
Adjusted Depth at L.O.L.		10.1	12.1	9.1
Min. Channel Width		300'	River Mile	531

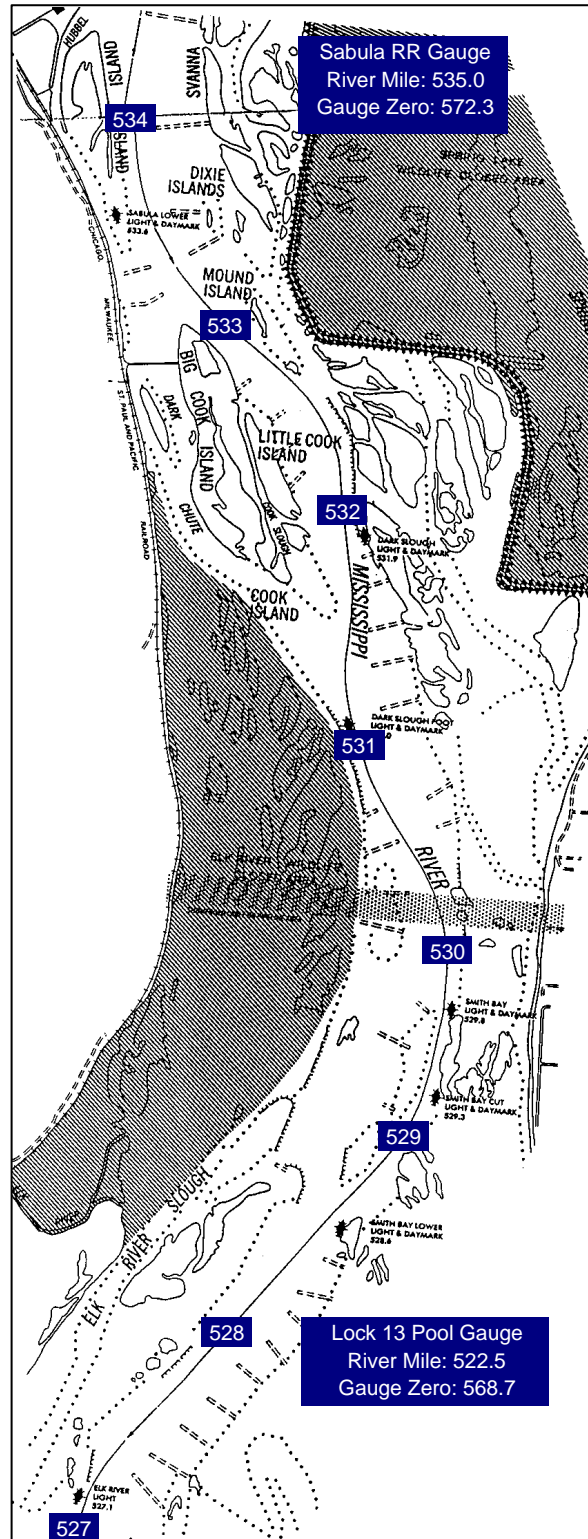
Shoaling on Right Descending RM 532.2-532.4

Smith Bay /river miles: 529.40 531.00				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		530.1	530	529.8
Present MinimumDepth		11.9	14.8	9.9
Local Stage		1.20	1.20	1.20
Adjusted Depth at L.O.L.		10.7	13.6	8.7
Min. Channel Width		350'	River Mile	529.4

Isolated shoaling on Right Descending RM 529.8

Elk River /river miles: 527.00 528.00				
Affected Channel Information				
F.P. -	583.00	Left	Center	Right
At River Mile		527.40	527.30	527.70
Present MinimumDepth		9.7	14.2	10.7
Local Stage		0.80	0.80	0.80
Adjusted Depth at L.O.L.		8.9	13.4	9.9
Min. Channel Width		350'	River Mile	527

Shoaling on Left Descending RM 527.3-527.5
 Isolated shoaling on Right Descending RM 527.7



POOL 14





Mississippi River Reconnaissance Report

Pool 14

Date: 4/3/2008

Upper Gage: Lock 13 Tail - 577.60

Lower Gage: Lock 14 Pool - 572.10

Joyce Island /river miles: 518.20 519.60				
Affected Channel Information				
F.P. -	572.00	Left	Center	Right
At River Mile		518.5	518.5	518.7
Present Minimum Depth		23.1	20.9	18.3
Local Stage		4.70	4.70	4.80
Adjusted Depth at L.O.L.		18.4	16.2	13.5
Min. Channel Width		350'	River Mile	518.2

Reach looks good

Beaver Island Upper 516.40 517.60				
Affected Channel Information				
F.P. -	572.00	Left	Center	Right
At River Mile		516.6	516.6	516.3
Present Minimum Depth		12.6	15.9	14.1
Local Stage		4.30	4.30	4.30
Adjusted Depth at L.O.L.		8.3	11.6	9.8
Min. Channel Width		350'	River Mile	516.7

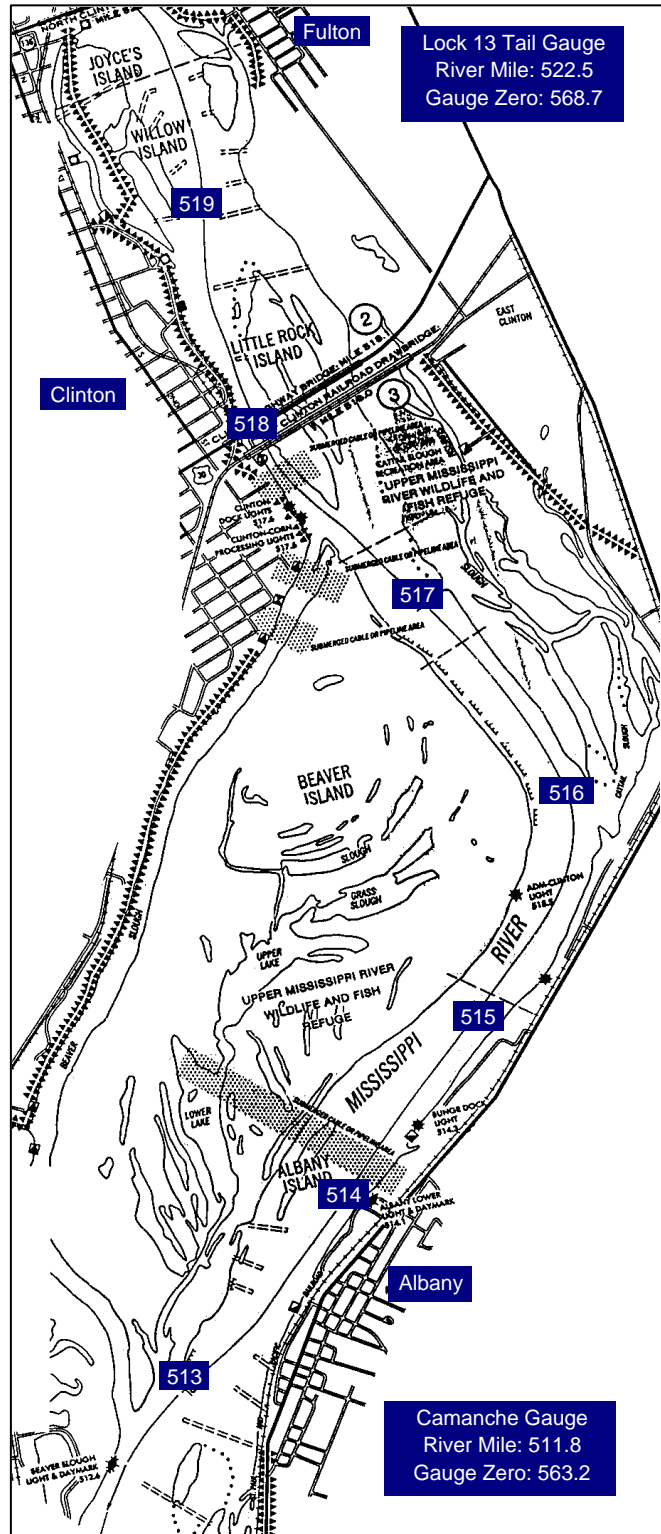
Isolated shoal Left Descending RM 516.6
Shoaling on Right Descending RM 516.1-516.4

Beaver Island Lower 515.20 516.40				
Affected Channel Information				
F.P. -	572.00	Left	Center	Right
At River Mile		515.5	516	515
Present Minimum Depth		14.8	17.2	16.4
Local Stage		4.10	4.20	4.00
Adjusted Depth at L.O.L.		10.7	13.0	12.4
Min. Channel Width		400'	River Mile	516

Reach looks good

Albany /river miles: 512.60 514.30				
Affected Channel Information				
F.P. -	572.00	Left	Center	Right
At River Mile		513.30	514.20	514.30
Present Minimum Depth		14	14.4	13.3
Local Stage		3.60	3.80	3.80
Adjusted Depth at L.O.L.		10.4	10.6	9.5
Min. Channel Width		400'	River Mile	512.9

Shoaling on Right Descending RM 514.1-514.4





Mississippi River Reconnaissance Report

Pool 14

Date: 4/3/2008

Upper Gage: Lock 13 Tail - 577.60
 Lower Gage: Lock 14 Pool - 572.10

Adams' Island /river miles: 507.40 509.00				
Affected Channel Information				
F.P. -	572.00	Left	Center	Right
At River Mile		507.2	507.8	508.8
Present Minimum Depth		12.4	15.1	15.4
Local Stage		2.50	2.60	2.80
Adjusted Depth at L.O.L.		9.4	12.5	12.6
Min. Channel Width		500'	River Mile	507.6

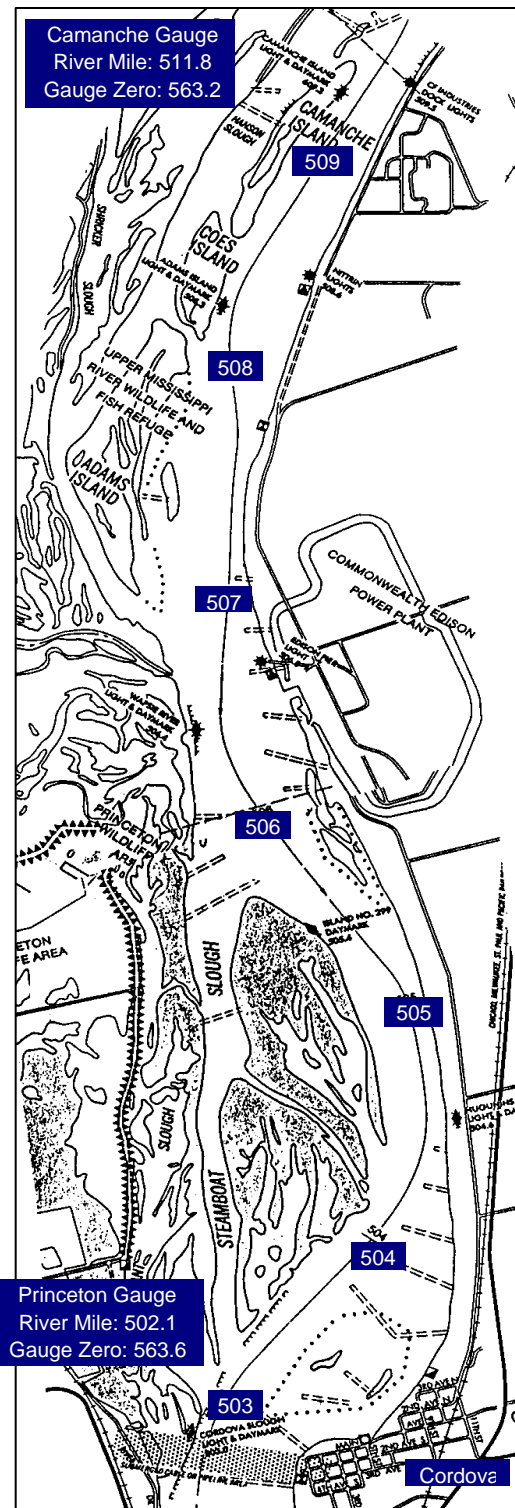
Shoaling on Left Descending RM 507.0-507.2

Wapsi River /river miles: 505.40 506.60				
Affected Channel Information				
F.P. -	572.00	Left	Center	Right
At River Mile		505.3	505.5	505.8
Present Minimum Depth		16.5	16	13.3
Local Stage		2.10	2.10	2.20
Adjusted Depth at L.O.L.		14.4	13.9	11.1
Min. Channel Width		600'	River Mile	506.5

Reach looks good

Steamboat Slough 503.00 504.30				
Affected Channel Information				
F.P. -	572.00	Left	Center	Right
At River Mile		503.3	503.7	503.4
Present Minimum Depth		12.4	13	11.6
Local Stage		1.80	1.80	1.80
Adjusted Depth at L.O.L.		10.6	11.2	9.8
Min. Channel Width		350'	River Mile	503.8

Shoaling on Right Descending RM 503.3-503.7



POOL 15





Mississippi River Reconnaissance Report

Pool 15

Date: 4/3/2008

Upper Gage: Lock 14 Tail - 563.70

Lower Gage: Lock 15 Pool - 560.90

Lock 14 Lower /river miles: 492.00 493.30				
Affected Channel Information				
F.P. -	561.00	Left	Center	Right
At River Mile		493.1	492.7	492.5
Present Minimum Depth		11.6	13.9	10.2
Local Stage		2.6	2.5	2.4
Adjusted Depth at L.O.L.		9.0	11.4	7.8
Min. Channel Width		500'	River Mile	492.3

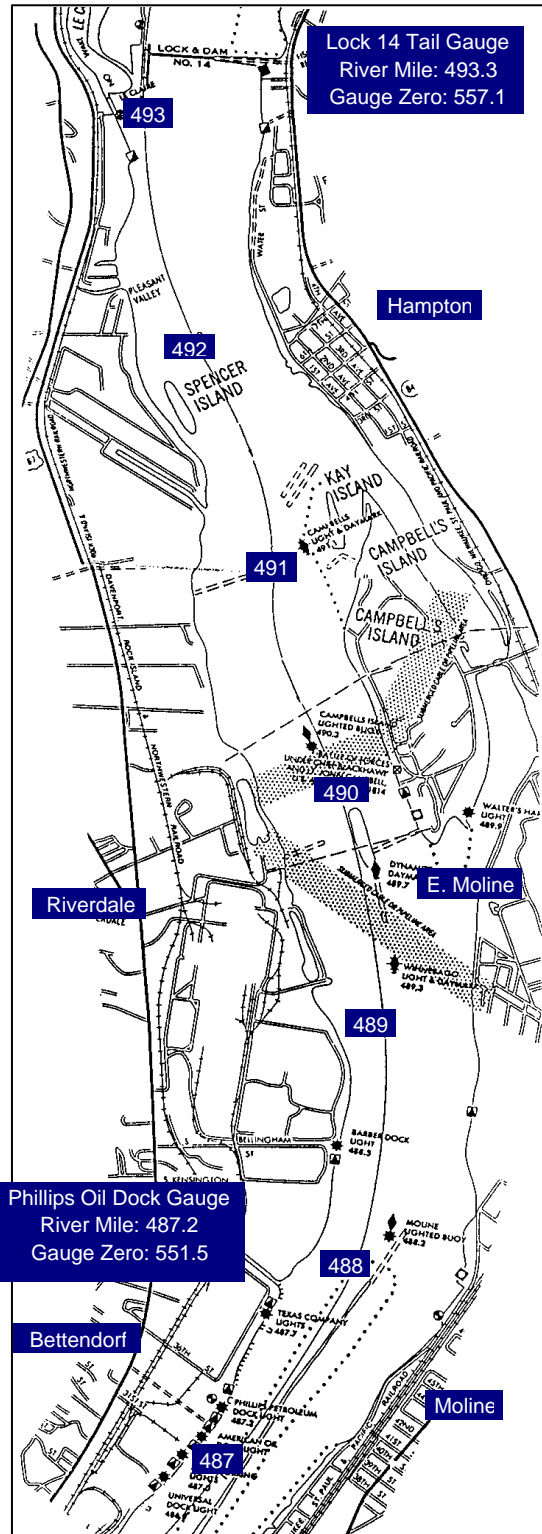
Isolated shoal on Left Descending RM 493.1
 Isolated shoal on Right Descending RM 492.4-492.6

Cambell's Isl. /river miles: 489.40 491.20				
Affected Channel Information				
F.P. -	561.00	Left	Center	Right
At River Mile		490.4	490.7	490.8
Present Minimum Depth		9.4	13.4	9
Local Stage		1.8	1.9	1.9
Adjusted Depth at L.O.L.		7.6	11.5	7.1
Min. Channel Width		400'	River Mile	490

Isolated shoal on Left Descending Rm 490.3
 Isolated shoal on Right descending RM 490.8
 Bouys on both bouy lines are off station, normally there's 350' of channel through this area.

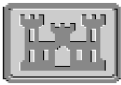
Duck Creek /river miles: 487.20 488.40				
Affected Channel Information				
F.P. -	561.00	Left	Center	Right
At River Mile		487.8	487.8	487.8
Present Minimum Depth		12.3	12.7	11.6
Local Stage		0.8	0.8	0.8
Adjusted Depth at L.O.L.		11.5	11.9	10.8
Min. Channel Width		400'	River Mile	488.7

Reach looks good



POOL 16





Mississippi River Reconnaissance Report

Pool 16

Date: 4/2/2008

Upper Gage: Lock 15 Tail - 552.00

Lower Gage: Lock 16 Pool - 543.60

Lock 15 Lower /river miles: 482.00 482.90				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		482.8	482.8	482.8
Present Minimum Depth		17	20.7	17.4
Local Stage		7.0	7.0	7.0
Adjusted Depth at L.O.L.		10.0	13.7	10.4
Min. Channel Width		350'	River Mile	482.5

Reach looks good

Crescent Br. /river miles: 481.00 482.00				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		482	481.4	481.5
Present Minimum Depth		14.6	18.2	16.5
Local Stage		6.8	6.7	6.7
Adjusted Depth at L.O.L.		7.8	11.5	9.8
Min. Channel Width		400'	River Mile	482

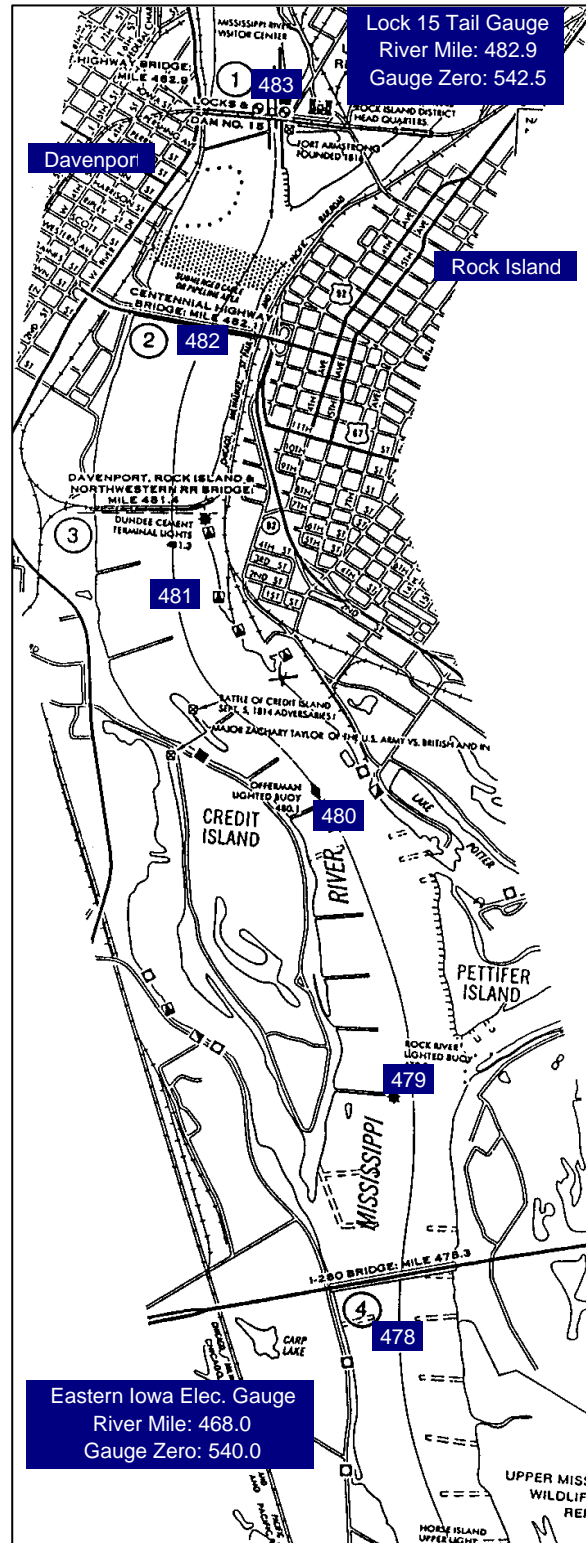
Isolated shoal Left Descending RM 482.0
Isolated shoal Right Descending RM 481.5

R.I. Terminals /river miles: 479.80 481.00				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		480.7	480.4	481
Present Minimum Depth		14.5	16.2	16.5
Local Stage		6.4	6.3	6.5
Adjusted Depth at L.O.L.		8.1	9.9	10.0
Min. Channel Width		400'	River Mile	480.3

Isolated shoal on Left Descending RM 480.7
Isolated shoal on Centerline RM 480.4

I - 280 Bridge /river miles: 477.60 478.60				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		478.1	477.6	478.6
Present Minimum Depth		14.5	18.2	16.4
Local Stage		5.7	5.6	5.8
Adjusted Depth at L.O.L.		8.8	12.6	10.6
Min. Channel Width		350'	River Mile	478.1

Isolated shoal Left Descending RM 478.1





Mississippi River Reconnaissance Report

Pool 16

Date: 4/2/2008

Upper Gage: Lock 15 Tail - 552.00
 Lower Gage: Lock 16 Pool - 543.60

Linwood /river miles: 475.00 476.40				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		475.5	475.3	476.1
Present Minimum Depth		13.6	14.6	14.7
Local Stage		5.0	4.9	5.2
Adjusted Depth at L.O.L.		8.6	9.7	9.5
Min. Channel Width		300'	River Mile	475.2

Shoaling on Left Descending RM 475.5-476.9
 Isolated shoal Right Descending RM 476.0-476.1
 Isolated shoal on Centerline RM 475.3

Buffalo /river miles: 471.40 473.40				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		472.2	472.2	473.2
Present Minimum Depth		13.6	14	13.2
Local Stage		3.7	3.7	3.7
Adjusted Depth at L.O.L.		9.9	10.3	9.5
Min. Channel Width		350'	River Mile	472.4

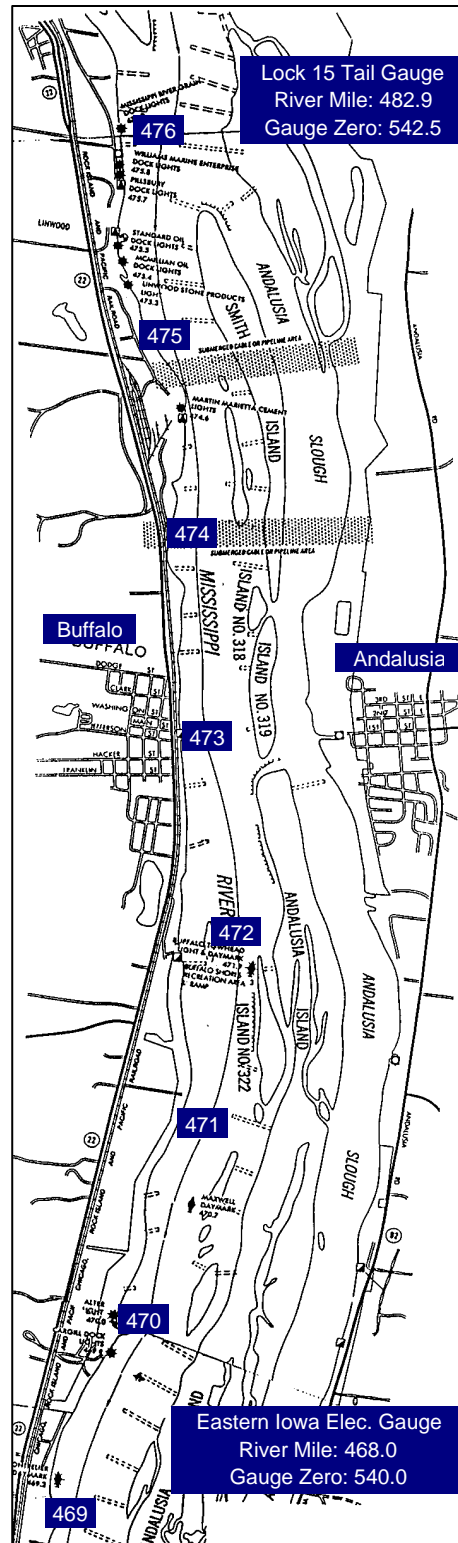
Shoaling on Left Descending RM 472.1-472.3
 Shoaling on Right Descending RM 473.0-473.4

Dr. Mary light 466.5-468.0				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		467	467.2	467.3
Present Minimum Depth		12.7	14	14.2
Local Stage		1.8	1.8	1.8
Adjusted Depth at L.O.L.		10.9	12.2	12.4
Min. Channel Width		400'	River Mile	467

Reach looks good

Montpelier /river miles: 469.00 470.00				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		469.3	469.3	469.3
Present Minimum Depth		12.4	13.3	12.3
Local Stage		2.5	2.5	2.5
Adjusted Depth at L.O.L.		9.9	10.8	9.8
Min. Channel Width		350'	River Mile	469.4

Shoaling on Left Descending RM 469.2-469.6
 Isolated shoaling Right Descending 469.2-469.4





Mississippi River Reconnaissance Report

Pool 16

Date: 4/2/2008

Upper Gage: Lock 15 Tail - 552.00
 Lower Gage: Lock 16 Pool - 543.60

Fairport /river miles: 462.6- 464.00				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		463.9	464	462.4
Present Minimum Depth		12.4	13.7	14.4
Local Stage		1.0	1.0	0.5
Adjusted Depth at L.O.L.		11.4	12.7	13.9
Min. Channel Width		450'	River Mile	463.2

Reach looks good

Hershey Upper /river miles: 461.00 462.40				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		461.2	461.4	461.6
Present Minimum Depth		11.4	11.3	11.3
Local Stage		0.1	0.2	0.2
Adjusted Depth at L.O.L.		11.3	11.1	11.1
Min. Channel Width		400'	River Mile	461

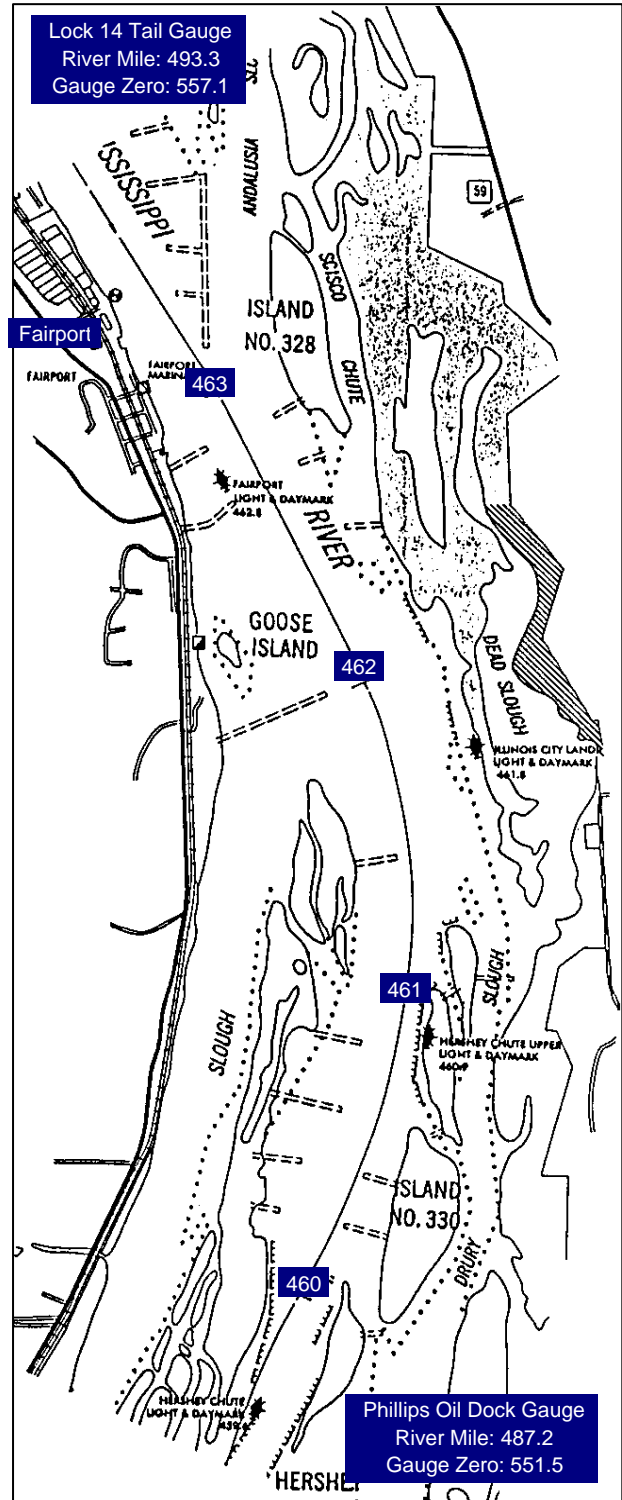
Reach looks good

Hershey Lower /river miles: 459.60 461.00				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		460.2	460.1	460.7
Present Minimum Depth		11.1	12.2	9.6
Local Stage		-0.3	-0.3	0.0
Adjusted Depth at L.O.L.		11.4	12.5	9.6
Min. Channel Width		350'	River Mile	460.1

Isolated shoaling Right Descending Rm 460.7

Hog Island 457.5-458.5				
Affected Channel Information				
F.P. -	545.00	Left	Center	Right
At River Mile		458	458	458
Present Minimum Depth		12.9	13.3	14.5
Local Stage		-1.1	-1.1	-1.1
Adjusted Depth at L.O.L.		14.0	14.4	15.6
Min. Channel Width		450'	River Mile	458.2

Reach looks good



POOL 17





Mississippi River Reconnaissance Report

Pool 17

Date: 4/2/2008

Upper Gage: Lock 16 Tail - 542.40

Lower Gage: Lock 17 Pool - 537.90

Bass Island /river miles: 447.00 448.40				
Affected Channel Information				
F.P. -	536.00	Left	Center	Right
At River Mile		447.6	447.6	447.9
Present Minimum Depth		13.5	15.2	13.5
Local Stage		4.3	4.3	4.3
Adjusted Depth at L.O.L.		9.2	10.9	9.2
Min. Channel Width	350'	River Mile	447.6	

Shoaling on Left Descending RM 447.5-447.8
Shoaling on Right Descending RM 447.3-447.9

Barkis Island /river miles: 445.00 446.80				
Affected Channel Information				
F.P. -	536.00	Left	Center	Right
At River Mile		445.4	446.4	446.2
Present Minimum Depth		13.1	17.1	12.8
Local Stage		3.8	4.0	3.9
Adjusted Depth at L.O.L.		9.3	13.1	8.9
Min. Channel Width	500'	River Mile	446.4	

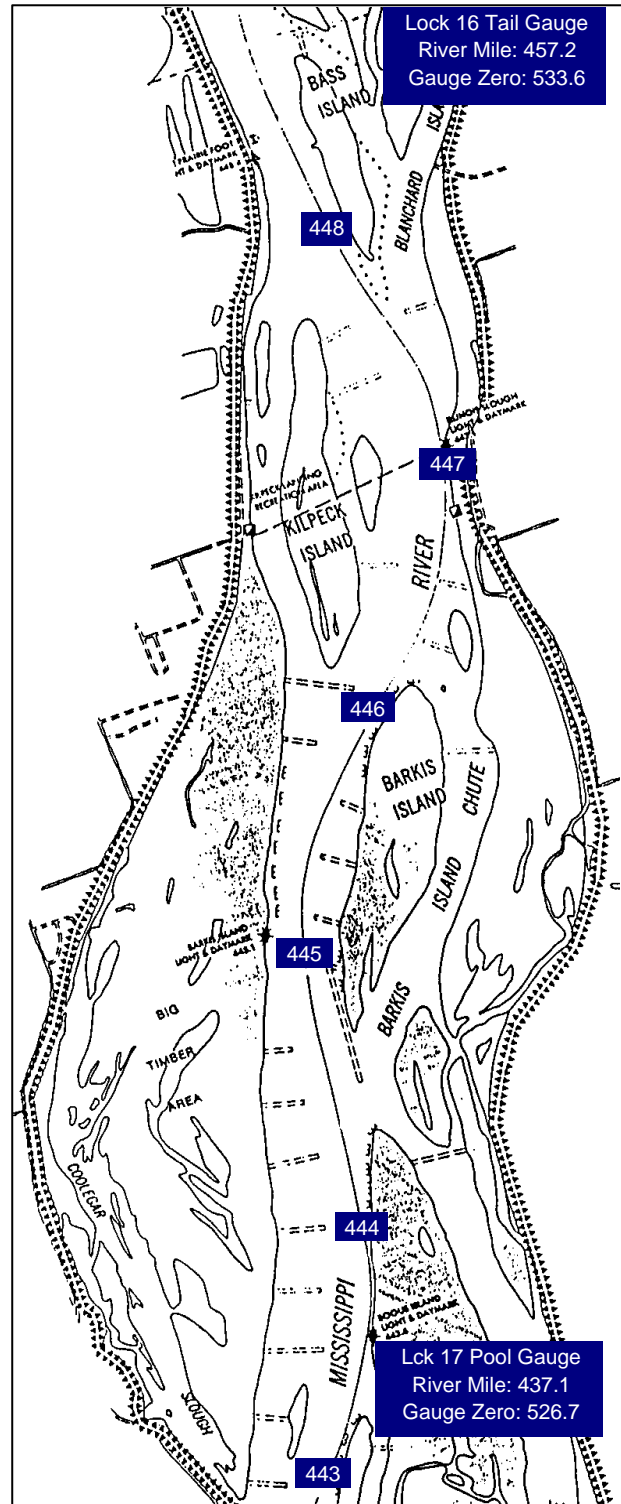
Shoaling on Left Descending RM 445.0-445.4
Isolated shoal on Right Descending RM 446.2

Bogus Island /river miles: 443.60 445.00				
Affected Channel Information				
F.P. -	536.00	Left	Center	Right
At River Mile		444.8	444	443.4
Present Minimum Depth		13.5	16.6	11.7
Local Stage		3.6	3.5	3.3
Adjusted Depth at L.O.L.		9.9	13.1	8.4
Min. Channel Width	400'	River Mile	444.4	

Shoaling on Left Descending RM 444.6-445.0
Shoaling on Right Descending RM 443.3-443.9

Jonas Johnson Island 438-443				
Affected Channel Information				
F.P. -	536.00	Left	Center	Right
At River Mile		440.8	438	438.3
Present Minimum Depth		15.5	16.6	14.4
Local Stage		2.7	2.1	2.2
Adjusted Depth at L.O.L.		12.8	14.5	12.2
Min. Channel Width	600'	River Mile	438	

Reach looks good



POOL 18

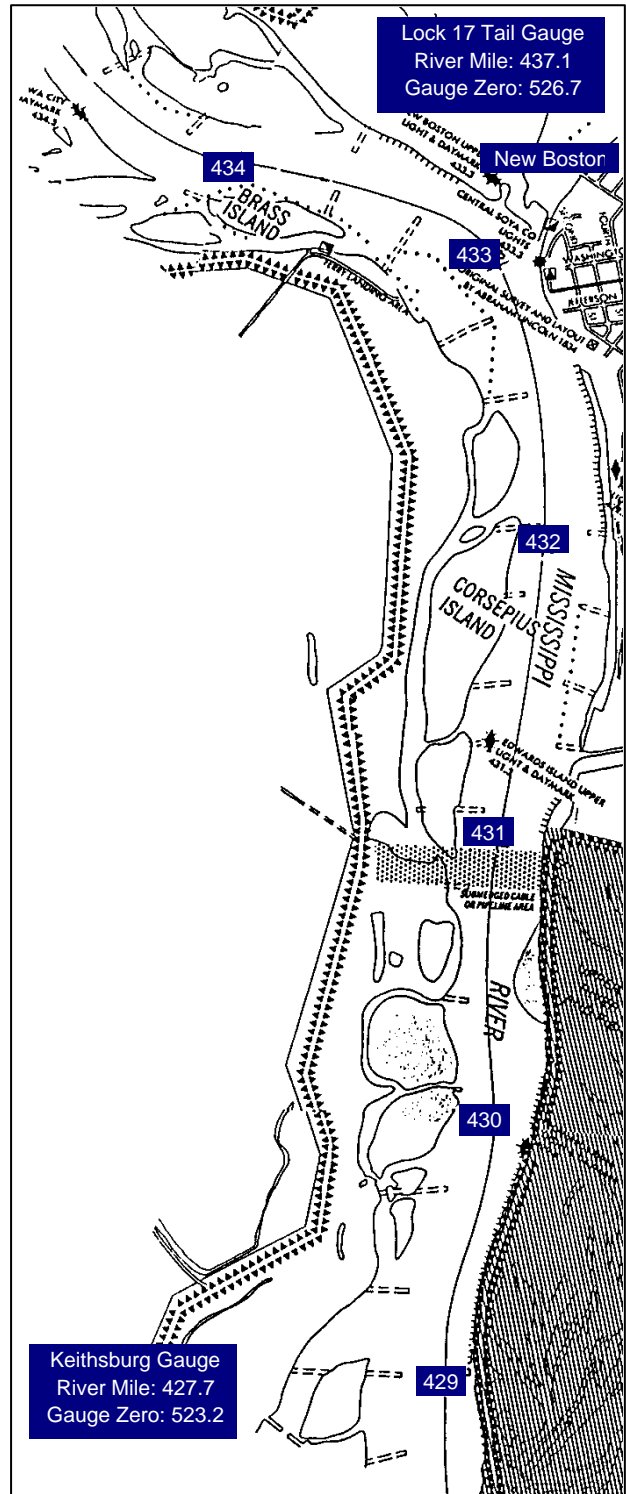




Upper Gage: Lock 17 Tail - 537.70
 Lower Gage: Lock 18 Pool - 528.00

New Boston /river miles: 432.60 434.40			
Affected Channel Information			
F.P. - 528.00	Left	Center	Right
At River Mile	432.9	433.7	433.3
Present MinimumDepth	19.3	23.7	18.9
Local Stage	8.0	8.4	8.2
Adjusted Depth at L.O.L.	11.3	15.3	10.7
Min. Channel Width	500'	River Mile	432.6
Reach looks good			

Edward's River /river miles: 430.80 432.20			
Affected Channel Information			
F.P. - 528.00	Left	Center	Right
At River Mile	431.3	431.9	431.9
Present MinimumDepth	19.3	21.2	18.6
Local Stage	7.5	7.7	7.7
Adjusted Depth at L.O.L.	11.8	13.5	10.9
Min. Channel Width	350'	River Mile	431.3
Shoaling on Centerline RM 431.0-431.2			





Mississippi River Reconnaissance Report

Pool 18

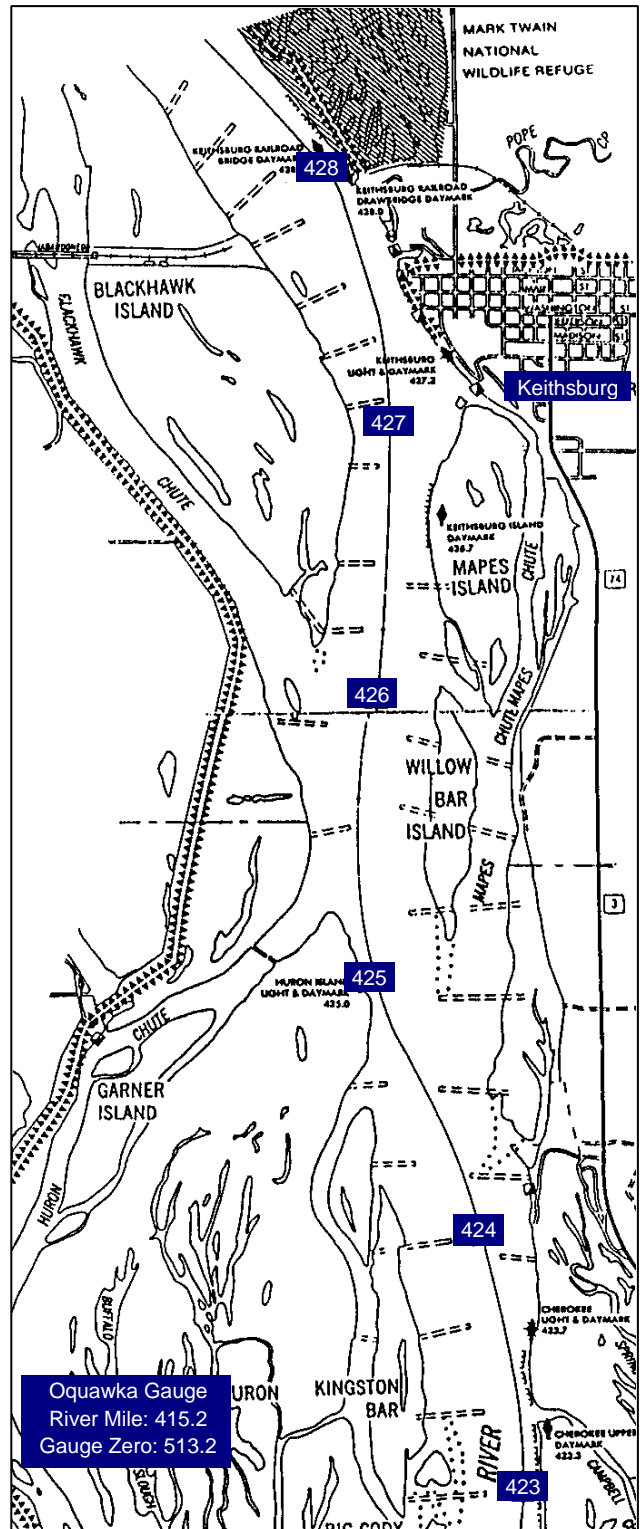
Date: 4/2/2008

Upper Gage: Lock 17 Tail - 537.70
 Lower Gage: Lock 18 Pool - 528.00

Keithsburg /river miles: 426.00 427.60				
Affected Channel Information				
F.P. -	528.00	Left	Center	Right
At River Mile		426.4	427	427.1
Present Minimum Depth		16.4	16.8	15.9
Local Stage		5.6	5.9	5.9
Adjusted Depth at L.O.L.		10.8	10.9	10.0
Min. Channel Width		400'	River Mile	426.7
Reach looks good				

Willow Bar /river miles: 425.00 426.00				
Affected Channel Information				
F.P. -	528.00	Left	Center	Right
At River Mile		425.3	425.3	425.7
Present Minimum Depth		14	14.3	15.9
Local Stage		5.2	5.2	5.4
Adjusted Depth at L.O.L.		8.8	9.1	10.5
Min. Channel Width		450'	River Mile	425.9
Shoaling on Left Descending RM 425.1-425.5				
Shoaling on Centerline RM 425.2-425.4				

Huron Island /river miles: 423.40 425.00				
Affected Channel Information				
F.P. -	528.00	Left	Center	Right
At River Mile		424.4	424.3	424.2
Present Minimum Depth		15.2	15.5	14.4
Local Stage		4.8	4.8	4.8
Adjusted Depth at L.O.L.		10.4	10.7	9.6
Min. Channel Width		400'	River Mile	424.1
Shoaling on Right Descending RM 424.0-424.5				





Mississippi River Reconnaissance Report

Pool 18

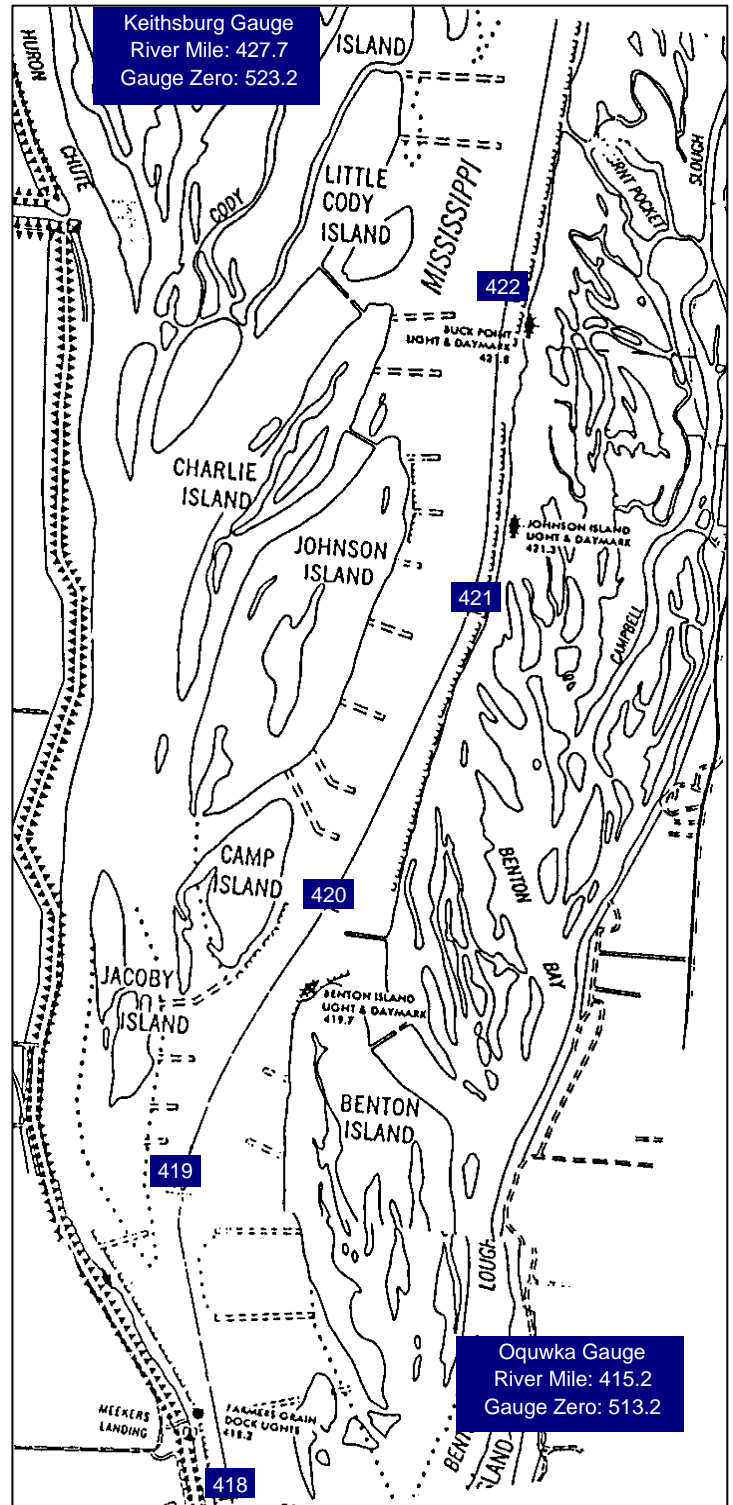
Date: 4/2/2008

Upper Gage: Lock 17 Tail - 537.70
 Lower Gage: Lock 18 Pool - 528.00

Johnson Island /river miles: 420.60 422.00			
Affected Channel Information			
F.P. - 528.00	Left	Center	Right
At River Mile	421.5	421.6	420.1
Present Minimum Depth	17.6	18.3	15.5
Local Stage	3.7	3.7	3.1
Adjusted Depth at L.O.L.	13.9	14.6	12.4
Min. Channel Width	500'	River Mile	420.9
Reach looks good			

Benton Island /river miles: 418.60 420.00			
Affected Channel Information			
F.P. - 528.00	Left	Center	Right
At River Mile	419	419.2	419.4
Present Minimum Depth	10.7	14	14.3
Local Stage	2.7	2.8	2.9
Adjusted Depth at L.O.L.	8.0	11.2	11.4
Min. Channel Width	500'	River Mile	419.2
Shoaling on Left Descending RM 419.0-419.8			

Oquawka Bend /river miles: 414.30 415.90			
Affected Channel Information			
F.P. - 528.00	Left	Center	Right
At River Mile	414.4	414.7	415.1
Present Minimum Depth	13.1	13.2	11.5
Local Stage	1.0	1.1	1.2
Adjusted Depth at L.O.L.	12.1	12.1	10.3
Min. Channel Width	400'	River Mile	414.8
Reach looks good			





Mississippi River Reconnaissance Report

Pool 18

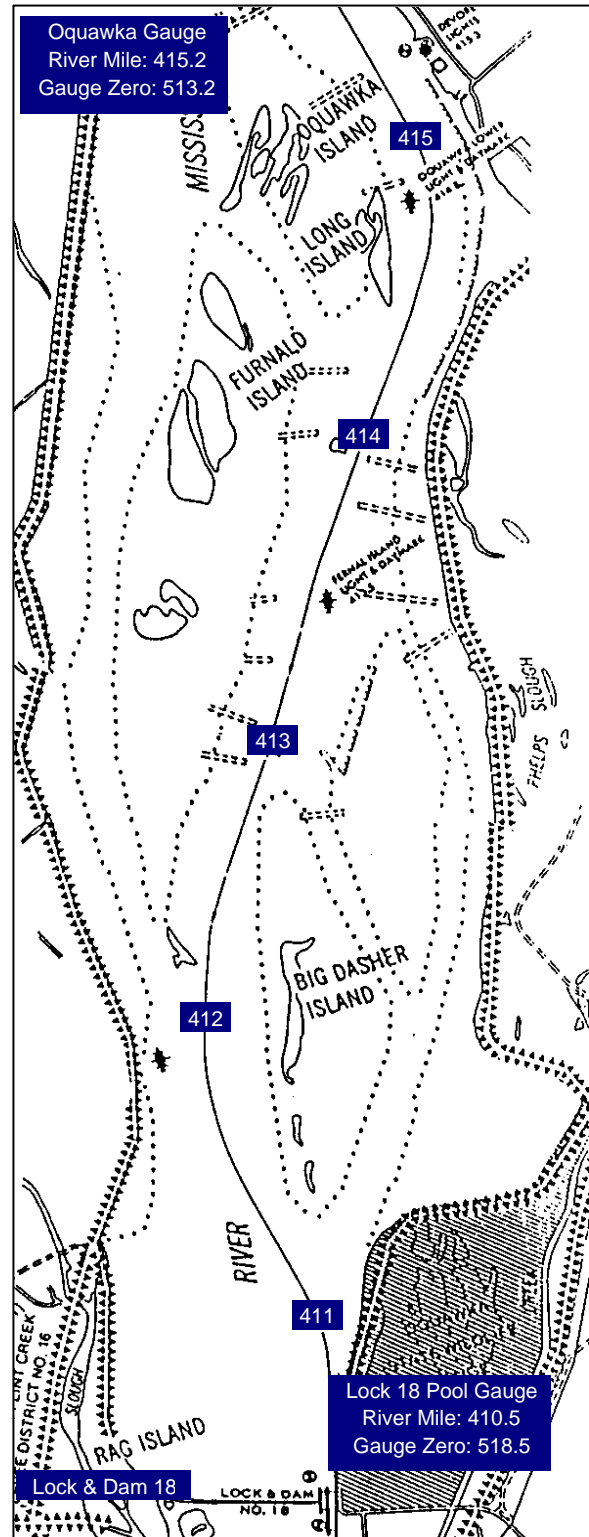
Date: 4/2/2008

Upper Gage: Lock 17 Tail - 537.70
 Lower Gage: Lock 18 Pool - 528.00

Fernal Island /river miles: 412.60 414.00				
Affected Channel Information				
F.P. -	528.00	Left	Center	Right
At River Mile		413	413.1	413.5
Present Minimum Depth		13	13.5	11.7
Local Stage		0.7	0.7	0.8
Adjusted Depth at L.O.L.		12.3	12.8	10.9
Min. Channel Width		400'	River Mile	413.5
Reach looks good				

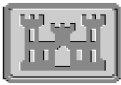
Dasher Island /river miles: 411.20 412.70				
Affected Channel Information				
F.P. -	528.00	Left	Center	Right
At River Mile		411.9		
Present Minimum Depth		12		
Local Stage		0.4		
Adjusted Depth at L.O.L.		11.6		
Min. Channel Width		450'	River Mile	412.3
Reach looks good				

Lock 18 Upper /river miles: 410.60 411.60				
Affected Channel Information				
F.P. -	528.00	Left	Center	Right
At River Mile		411.3	411.2	411
Present Minimum Depth		17.3	17.3	13
Local Stage		0.2	0.2	0.1
Adjusted Depth at L.O.L.		17.1	17.1	12.9
Min. Channel Width		800'	River Mile	411.4
Reach looks good				



POOL 19





Mississippi River Reconnaissance Report

Pool 19

Date: 4/1/2008

Upper Gage: Lock 18 Tail - 525.60
 Lower Gage: Ft. Madison- 520.00

Drew Chute Upper 407.00 408.00			
Affected Channel Information			
F.P. - 518.20	Left	Center	Right
At River Mile	407.3	407.3	408.4
Present Minimum Depth	18.5	20.4	18.4
Local Stage	6.6	6.6	6.9
Adjusted Depth at L.O.L.	11.9	13.8	11.5
Min. Channel Width	500'+	River Mile	407.5

Reach looks good

Drew Chute Lower 405.40 406.60			
Affected Channel Information			
F.P. - 518.20	Left	Center	Right
At River Mile	405.6	405.7	406
Present Minimum Depth	15.9	17.5	16.9
Local Stage	6.3	6.3	6.3
Adjusted Depth at L.O.L.	9.6	11.2	10.6
Min. Channel Width	400'	River Mile	406

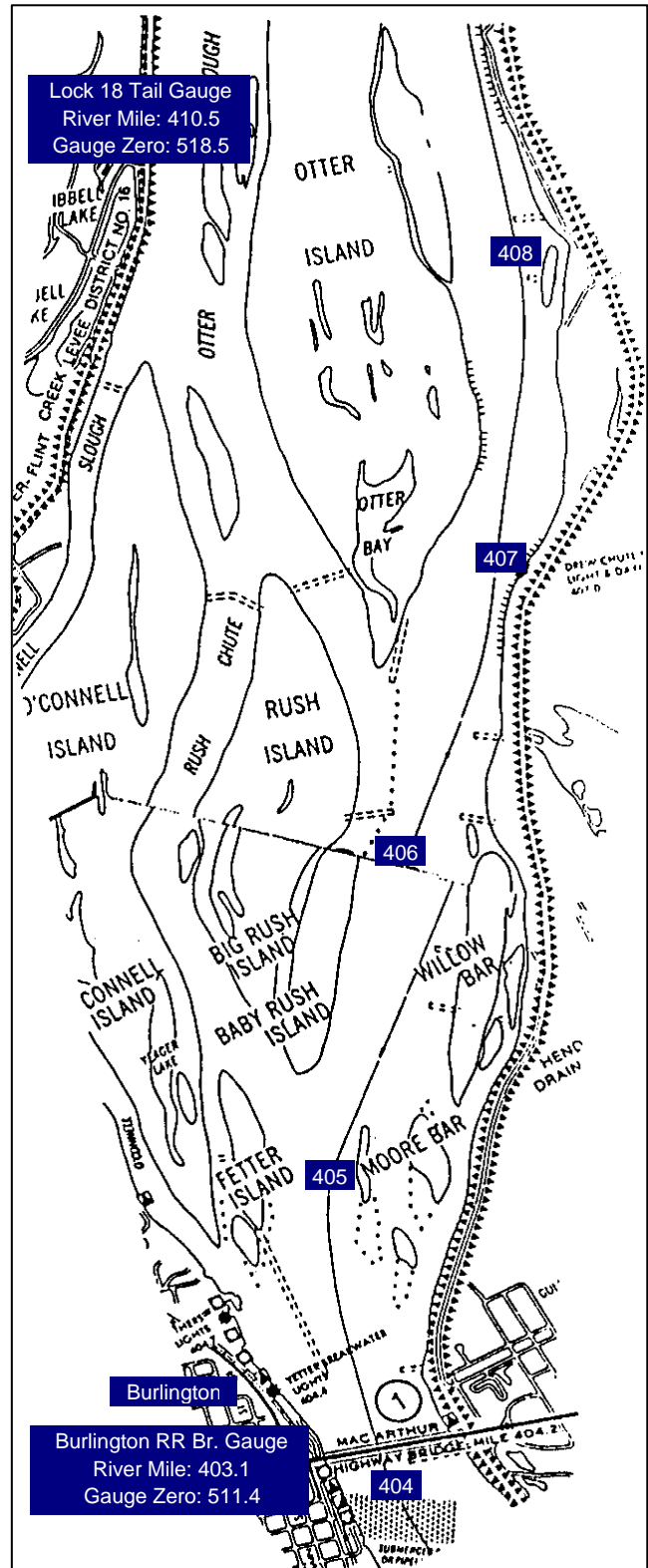
Shoaling on Left Descending RM 405.5-405.7

Burlington Bridge 404.00 405.40			
Affected Channel Information			
F.P. - 518.20	Left	Center	Right
At River Mile	404.8	404.6	405.2
Present Minimum Depth	17.4	18.8	20.4
Local Stage	6.1	6.0	6.1
Adjusted Depth at L.O.L.	11.3	12.8	14.3
Min. Channel Width	400'	River Mile	405.4

Reach looks good

Burlington Bluff /river miles: 400.80 402.60			
Affected Channel Information			
F.P. - 518.20	Left	Center	Right
At River Mile	402.1	402.7	402.7
Present Minimum Depth	16.5	16.7	18.8
Local Stage	5.5	5.6	5.6
Adjusted Depth at L.O.L.	11.0	11.1	13.2
Min. Channel Width	400'	River Mile	402

Reach looks good





Mississippi River Reconnaissance Report

Pool 19

Date: 4/1/2008

Upper Gage: Lock 18 Tail - 525.60
 Lower Gage: Ft. Madison- 520.00

Burlington Bluff /river miles: 399.40 400.40				
Affected Channel Information				
F.P. -	518.20	Left	Center	Right
At River Mile		399.5	400.2	400.3
Present Minimum Depth		14.4	16.9	15.9
Local Stage		5.1	5.2	5.2
Adjusted Depth at L.O.L.		9.3	11.7	10.7
Min. Channel Width		350'	River Mile	399.7

Shoaling on Left Descending RM 399.1-399.5

Craigel Island /river miles: 398.00 399.00				
Affected Channel Information				
F.P. -	518.20	Left	Center	Right
At River Mile		398.3	399.2	398.3
Present Minimum Depth		17.3	16.4	20.3
Local Stage		4.9	5.1	4.9
Adjusted Depth at L.O.L.		12.4	11.3	15.4
Min. Channel Width		400'	River Mile	398.5

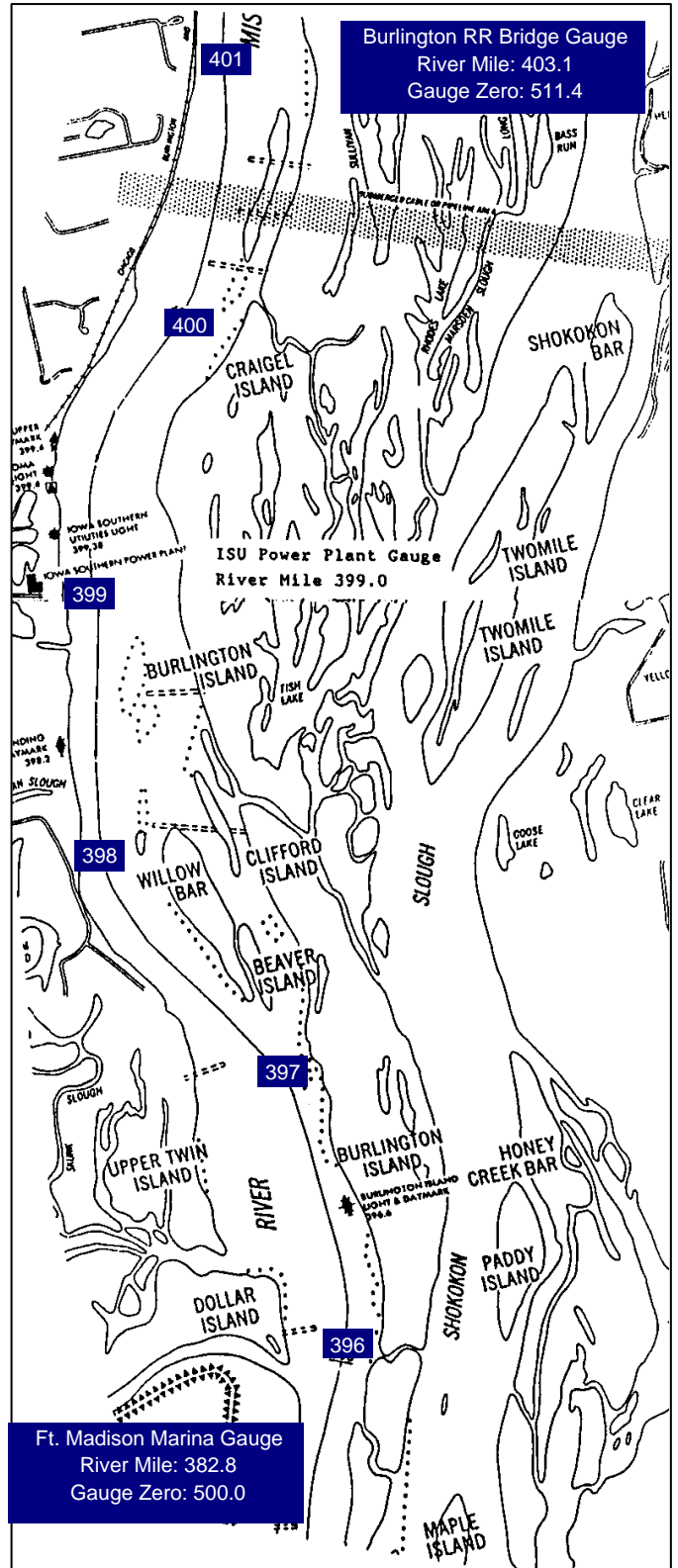
Reach looks good

Kemp's Island /river miles: 396.60 398.00				
Affected Channel Information				
F.P. -	518.20	Left	Center	Right
At River Mile		397.2	397.2	397.6
Present Minimum Depth		13.8	16.3	13.9
Local Stage		4.7	4.8	4.8
Adjusted Depth at L.O.L.		9.1	11.5	9.1
Min. Channel Width		350'	River Mile	397

Shoaling on Left Descending RM 397.1-397.3
 Isolated Shoal on Right Descending RM 396.9

Skunk River /river miles: 395.60 396.60				
Affected Channel Information				
F.P. -	518.20	Left	Center	Right
At River Mile		396.2	396.1	396.1
Present Minimum Depth		18.9	17.1	13.9
Local Stage		4.5	4.5	4.5
Adjusted Depth at L.O.L.		14.4	12.6	9.4
Min. Channel Width		450'	River Mile	396.3

Shoaling on Right Descending RM 396.0-396.2





Mississippi River Reconnaissance Report

Pool 19

Date: 4/1/2008

Upper Gage: Lock 18 Tail - 525.60
 Lower Gage: Ft. Madison- 520.00

Shokokon /river miles: 392.00 395.00				
Affected Channel Information				
F.P. -	518.20	Left	Center	Right
At River Mile		392.1	392.2	394.4
Present Minimum Depth		11.8	15.4	15.2
Local Stage		3.6	3.6	4.1
Adjusted Depth at L.O.L.		8.2	11.8	11.1
Min. Channel Width		450'	River Mile	392.2

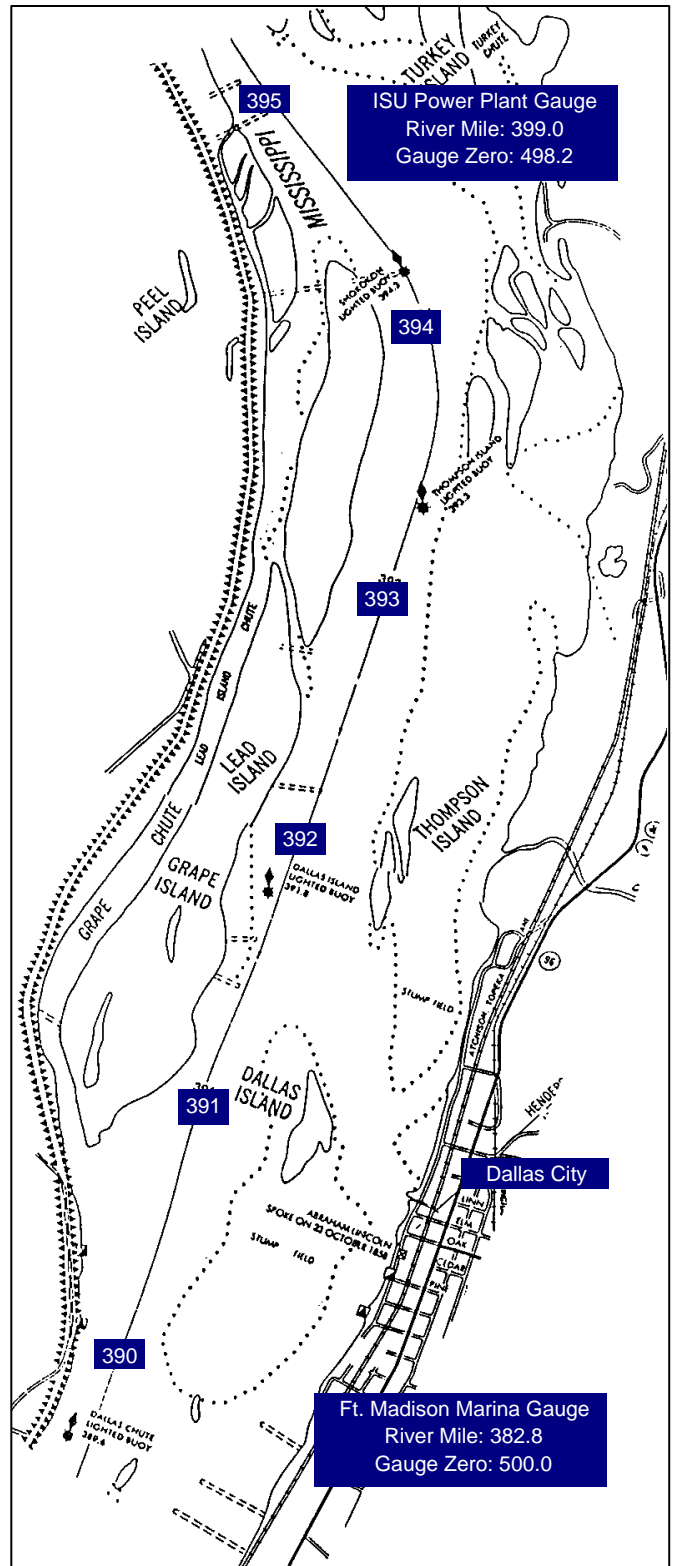
Shoaling on Left Descending RM 392.0-392.3

Dallas City /river miles: 389.60 391.00				
Affected Channel Information				
F.P. -	518.20	Left	Center	Right
At River Mile		389.7	389.8	390
Present Minimum Depth		13.8	14.5	13.2
Local Stage		3.0	3.0	3.1
Adjusted Depth at L.O.L.		10.8	11.9	10.1
Min. Channel Width		400'	River Mile	389.7

Reach looks good

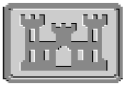
Affected Channel Information				
F.P. -	518.20	Left	Center	Right
At River Mile		388.6	388.5	388
Present Minimum Depth		12.7	14.8	13.8
Local Stage		2.9	2.9	2.7
Adjusted Depth at L.O.L.		9.8	11.9	11.1
Min. Channel Width		450'	River Mile	388.7

Shoaling on Left Descending RM 388.6-388.8



POOL 20





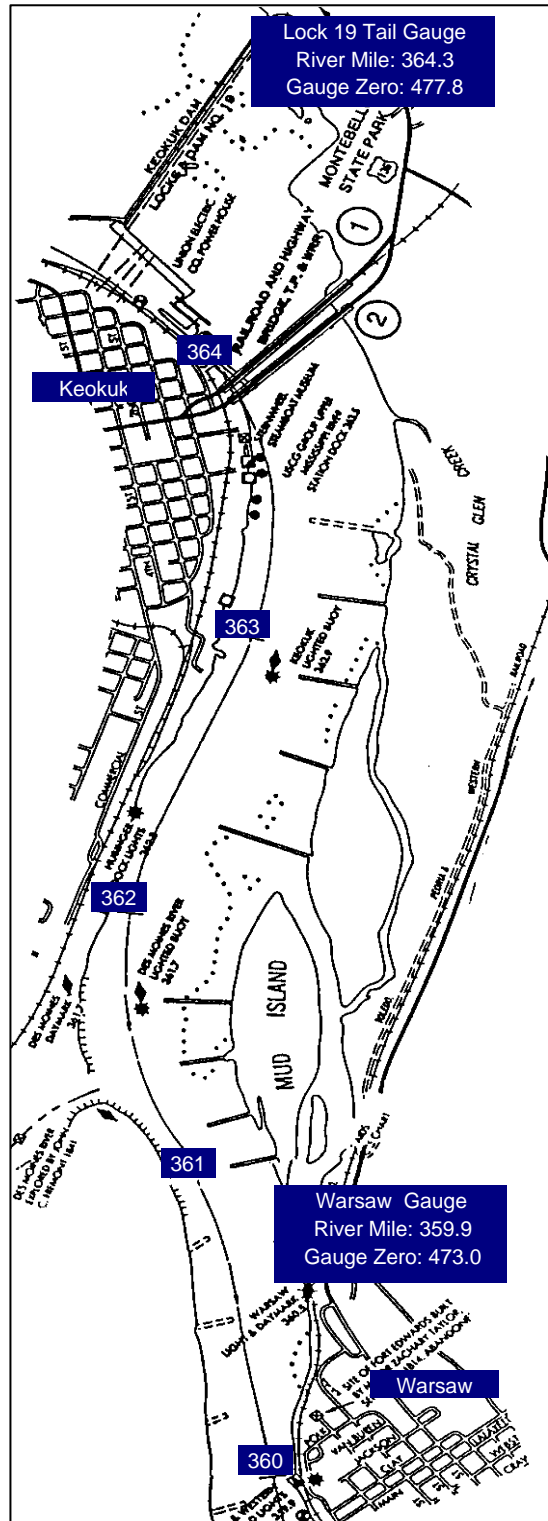
Mississippi River Reconnaissance Report

Pool 20
Date: 4/1/2008

Upper Gage: Lock 19 Tail - **486.50**
Lower Gage: Lock 20 Pool - **478.40**

Lock 19 Lower /river miles: 362.80 364.00				
Affected Channel Information				
F.P. -	479.80	Left	Center	Right
At River Mile		363.4	363.4	363.6
Present Minimum Depth		16.1	17.4	15.5
Local Stage		6.3	6.3	6.4
Adjusted Depth at L.O.L.		9.8	11.1	9.1
Min. Channel Width	450'	River Mile		363
Isolated Shoal on Left Descending RM 363.4				
Shoaling on Right Descending RM 363.4-363.8				

Des Moines River /river miles: 360.60 362.00				
Affected Channel Information				
F.P. -	479.30	Left	Center	Right
At River Mile		361.6	361.8	360.9
Present Minimum Depth		17.7	17.2	15.9
Local Stage		5.8	5.8	5.6
Adjusted Depth at L.O.L.		11.9	11.4	10.3
Min. Channel Width	500'	River Mile		361
Reach looks good				





Mississippi River Reconnaissance Report

Pool 20

Date: 4/1/2008

Upper Gage: Lock 19 Tail -

486.50

Lower Gage: Lock 20 Pool -

478.40

Alexandria /river miles: 358.00 359.00			
Affected Channel Information			
F.P. -	Left	Center	Right
478.80			
At River Mile	358.5	358.6	358.5
Present Minimum Depth	14.3	17	21.4
Local Stage	-4.8	-4.7	-4.8
Adjusted Depth at L.O.L.	19.1	21.7	26.2
Min. Channel Width	450'	River Mile	358.3

Shoaling on Left Descending RM 358.3-358.6

Bledsoe /river miles: 356.00 357.00			
Affected Channel Information			
F.P. -	Left	Center	Right
478.30			
At River Mile	356.7	357	356.7
Present Minimum Depth	18.5	18.8	15.6
Local Stage	4.3	4.5	4.3
Adjusted Depth at L.O.L.	14.2	14.3	11.3
Min. Channel Width	650'	River Mile	356.1

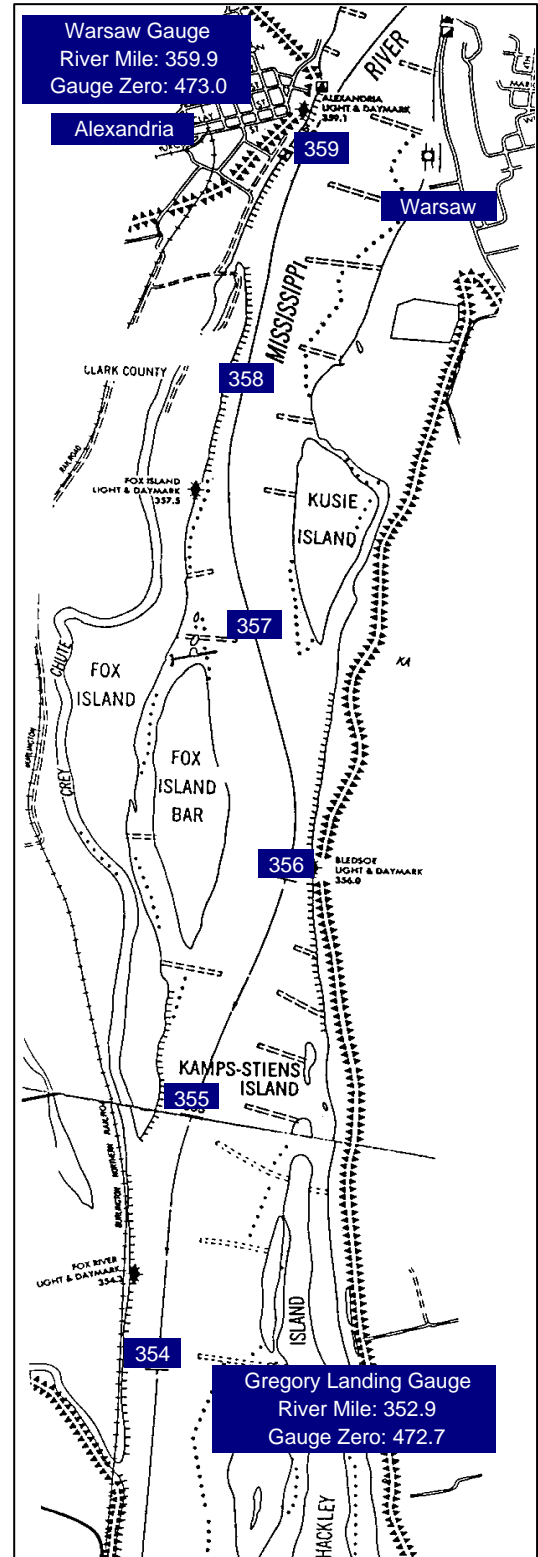
Reach looks good

Fox Island Upper /river miles: 355.00 356.00			
Affected Channel Information			
F.P. -	Left	Center	Right
478.10			
At River Mile	355.2	355.8	355.2
Present Minimum Depth	13.2	14.3	14.9
Local Stage	3.8	3.9	3.8
Adjusted Depth at L.O.L.	9.4	10.4	11.1
Min. Channel Width	550'	River Mile	355.2

Shoaling on Left Descending RM 355.2-355.3

Fox Island Lower /river miles: 354.00 355.00			
Affected Channel Information			
F.P. -	Left	Center	Right
477.90			
At River Mile	354.9	355	354.7
Present Minimum Depth	12.6	14.8	18.8
Local Stage	3.5	3.6	3.5
Adjusted Depth at L.O.L.	9.1	11.2	15.3
Min. Channel Width	450'	River Mile	354.2

Shoaling on Left Descending RM 354.7-355.2





Mississippi River Reconnaissance Report

Pool 20

Date: 4/1/2008

Upper Gage: Lock 19 Tail -

486.50

Lower Gage: Lock 20 Pool -

478.40

Gregory Lower /river miles: 350.80 352.50			
Affected Channel Information			
F.P. -	Left	Center	Right
477.20			
At River Mile	351.2	351.1	351.2
Present Minimum Depth	11.7	14.5	15
Local Stage	3.4	3.4	3.4
Adjusted Depth at L.O.L.	8.3	11.1	11.6
Min. Channel Width	450'	River Mile	351.4

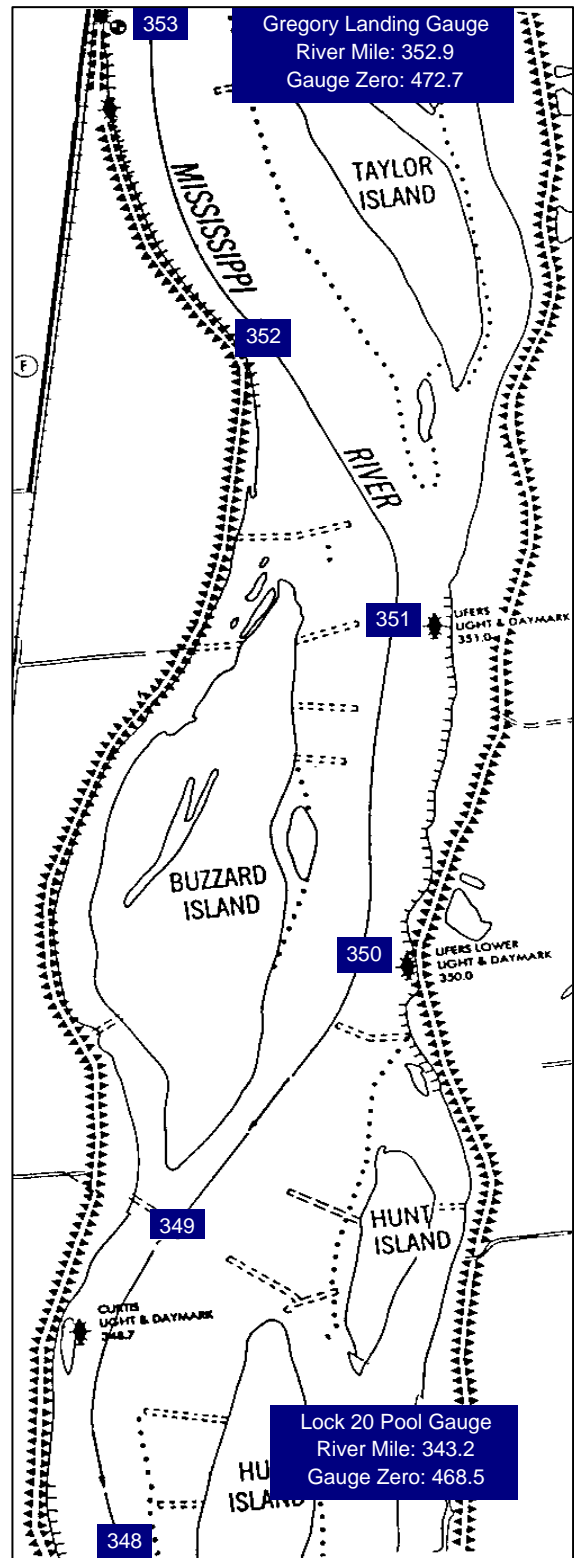
Isolated shoal on Left Descending RM 351.1-351.3

Buzzard Island /river miles: 348.40 349.80			
Affected Channel Information			
F.P. -	Left	Center	Right
476.80			
At River Mile	348.3	348.5	349.2
Present Minimum Depth	12.5	14	12.4
Local Stage	2.9	2.9	2.9
Adjusted Depth at L.O.L.	9.6	11.1	9.5
Min. Channel Width	450'	River Mile	348.5

Shoaling on Left Descending RM 348.1-348.4
Isolated shoal on Right Descending RM 349.2

Meyer Light RM 345.0-346.0			
Affected Channel Information			
F.P. -	Left	Center	Right
At River Mile	345.5	345.4	345.5
Present Minimum Depth	15.9	15	13.5
Local Stage	2.3	2.2	2.3
Adjusted Depth at L.O.L.	13.6	12.8	11.2
Min. Channel Width	450'	River Mile	345

Reach looks good



POOL 21





Mississippi River Reconnaissance Report

Pool 21

Date: 3/31/2008

Upper Gage: Lock 20 Tail - 478.20

Lower Gage: Lock 21 Pool - 470.30

Lock 20 Lower /river miles: 342.40 343.20				
Affected Channel Information				
F.P. -	470.00	Left	Center	Right
At River Mile				343
Present MinimumDepth				18.1
Local Stage				8.1
Adjusted Depth at L.O.L.				10.0
Min. Channel Width			River Mile	

Smoots Chute /river miles: 339.00 341.50				
Affected Channel Information				
F.P. -	470.00	Left	Center	Right
At River Mile		340	339.2	339
Present MinimumDepth		16.5	17	16.2
Local Stage		7.0	6.6	6.6
Adjusted Depth at L.O.L.		9.5	10.4	9.6
Min. Channel Width		700'	River Mile	341

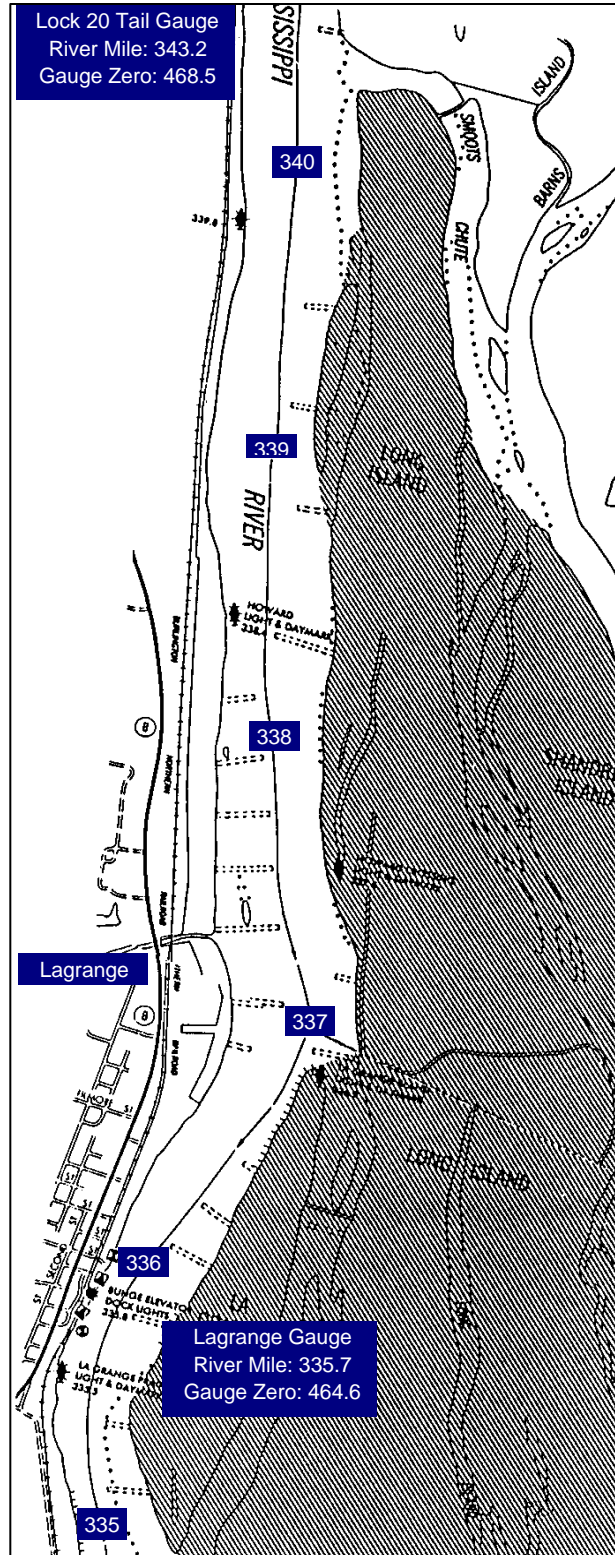
Isolated shoal L.Descending RM 340.0-340.7
Isolated shoal R. Descending RM 338.9-339.2

Howards Crossing 337.00 338.40				
Affected Channel Information				
F.P. -	470.00	Left	Center	Right
At River Mile		337.3	338	337.3
Present MinimumDepth		16	15.6	15.2
Local Stage		5.9	6.0	5.9
Adjusted Depth at L.O.L.		10.1	9.6	9.3
Min. Channel Width		400'	River Mile	337.7

Shoaling on R. Descending RM 337.3-337.5
Isolated Shoaling on Centerline RM 338.0

LaGrange /river miles: 335.20 337.00				
Affected Channel Information				
F.P. -	470.00	Left	Center	Right
At River Mile		335.8	335.7	336.6
Present MinimumDepth		13.7	16.5	15.7
Local Stage		5.3	5.0	5.6
Adjusted Depth at L.O.L.		8.4	11.5	10.1
Min. Channel Width		350'	River Mile	335.2

Isolated shoal on L. Descending RM 335.7-335.8





Mississippi River Reconnaissance Report

Pool 21

Date: 3/31/2008

Upper Gage: Lock 20 Tail - 478.20

Lower Gage: Lock 21 Pool - 470.30

Willow Island /river miles: 332.60 333.60

Affected Channel Information

F.P. -	470.00	Left	Center	Right
At River Mile		332.7	332.7	332.9
Present Minimum Depth		13.1	12.7	13.7
Local Stage		3.8	3.6	3.9
Adjusted Depth at L.O.L.		9.3	9.1	9.8
Min. Channel Width		450'	River Mile	332.6

Shoaling on L.Descending from RM 332.6-332.8

Isolated shoal on R. Descending RM 332.9

Shoaling on Centerline RM 332.7

Hogback Island /river miles: 331.60 332.60

Affected Channel Information

F.P. -	470.00	Left	Center	Right
At River Mile		332.6	331.8	331.8
Present Minimum Depth		13.2	12.9	13.2
Local Stage		3.7	3.1	3.3
Adjusted Depth at L.O.L.		9.5	9.8	9.9
Min. Channel Width		350'	River Mile	332.2

Reach looks good

Lone Tree /river miles: 330.80 331.60

Affected Channel Information

F.P. -	470.00	Left	Center	Right
At River Mile		331.3	331.5	330.6
Present Minimum Depth		11.9	12.9	11.7
Local Stage		3.1	3.0	2.7
Adjusted Depth at L.O.L.		8.8	9.9	9.0
Min. Channel Width		400'	River Mile	331.4

Shoaling on L.Descending RM 330.9-331.5

Isolated shoal on R. Descending RM 330.6

Quincy Bridges /river miles 326.9-328.0

Affected Channel Information

F.P. -	470.00	Left	Center	Right
At River Mile		327.5	327.5	327.5
Present Minimum Depth		11.2	12.7	13.1
Local Stage		1.2	1.0	1.2
Adjusted Depth at L.O.L.		10.0	11.7	11.9
Min. Channel Width		350'	River Mile	327.6

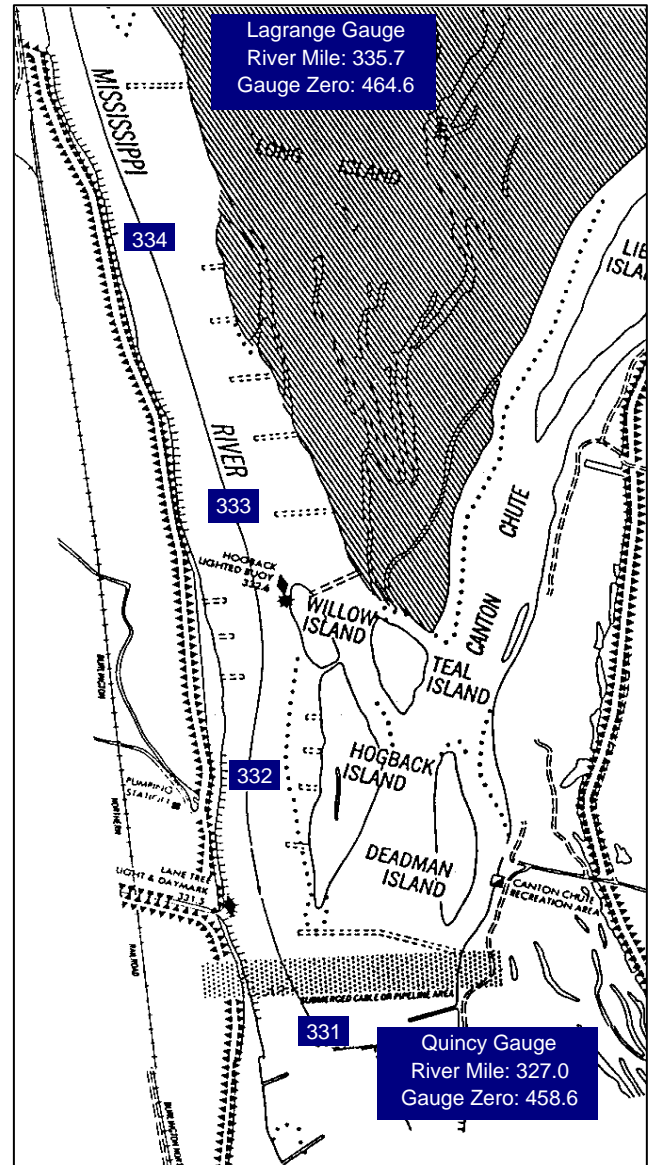
Reach looks good

L/D 21 upper 324.9-326.9

Affected Channel Information

F.P. -	470.00	Left	Center	Right
At River Mile		325.2	326.2	326.1
Present Minimum Depth		15.2	11.7	10.6
Local Stage		0.3	1.0	0.7
Adjusted Depth at L.O.L.		14.9	10.7	9.9
Min. Channel Width		500'	River Mile	327

Reach looks good



POOL 22





Mississippi River Reconnaissance Report

Pool 22

Date: 3/28/2008

Upper Gage: Lock 21 Tail - 469.30

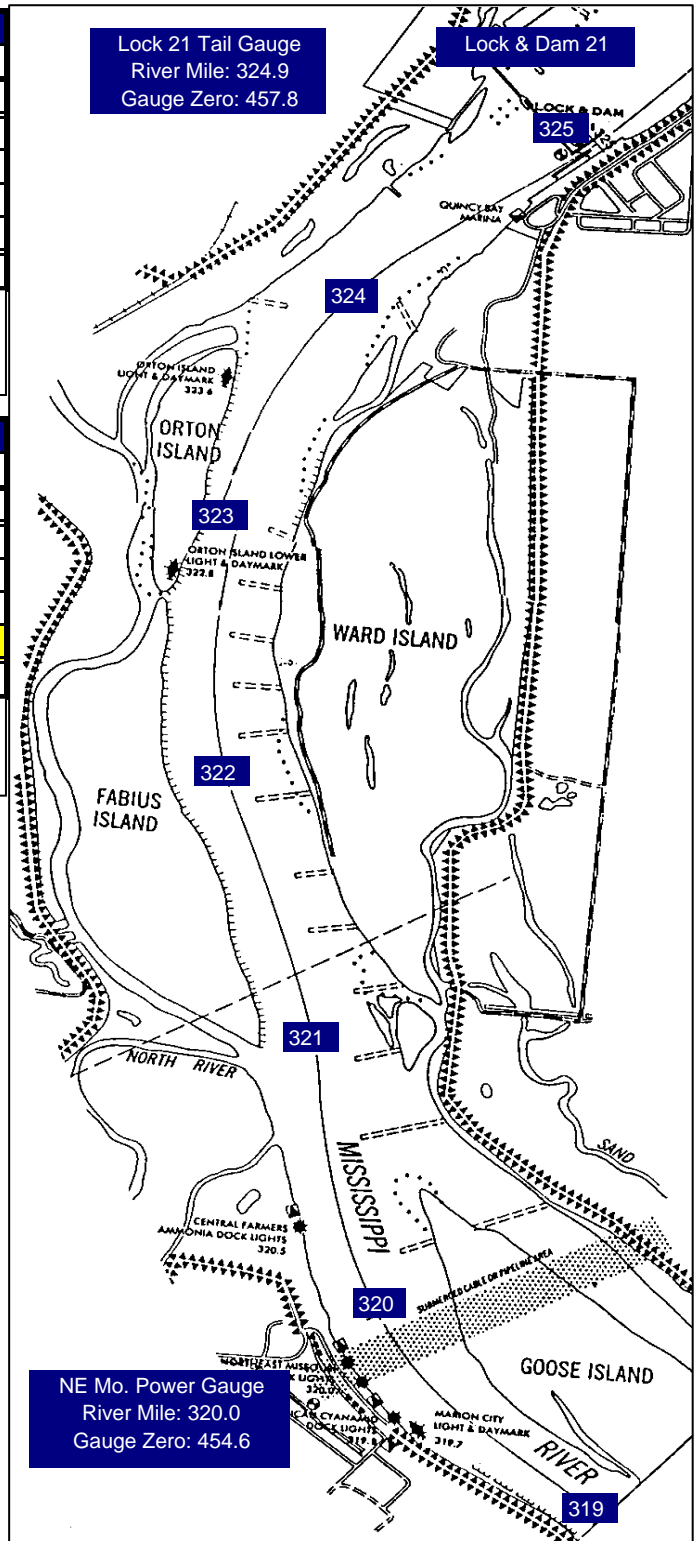
Lower Gage: Lock 22 Pool - 459.40

Lock 21 Lower /river miles: 323.00 324.20				
Affected Channel Information				
F.P. -	459.50	Left	Center	Right
At River Mile		324.1	323.5	323.7
Present Minimum Depth		19.8	20.9	20.1
Local Stage		9.5	9.3	9.4
Adjusted Depth at L.O.L.		9.2	11.6	10.7
Min. Channel Width		500'	River Mile	324

Isolated shoal on Left Descending RM 324.1

NE MO Power Co. 319.40 320.80				
Affected Channel Information				
F.P. -	459.50	Left	Center	Right
At River Mile		320.1	320.2	320.8
Present Minimum Depth		16	21.2	16.4
Local Stage		8.3	8.3	8.5
Adjusted Depth at L.O.L.		7.7	12.9	7.9
Min. Channel Width		400'	River Mile	319.5

Shoaling on Left Descending RM 319.7-320.3
Shoaling on Right Descending RM 320.8-321.0





Mississippi River Reconnaissance Report

Pool 22

Date: 3/28/2008

Upper Gage: Lock 21 Tail - 469.30
 Lower Gage: Lock 22 Pool - 459.40

Beebe Island /river miles: 315.60 317.00				
Affected Channel Information				
F.P. -	459.50	Left	Center	Right
At River Mile		316.3	316	315.8
Present Minimum Depth		21.8	19.9	16.5
Local Stage		6.6	6.4	6.3
Adjusted Depth at L.O.L.		15.2	13.5	10.2
Min. Channel Width		700'	River Mile	315.3

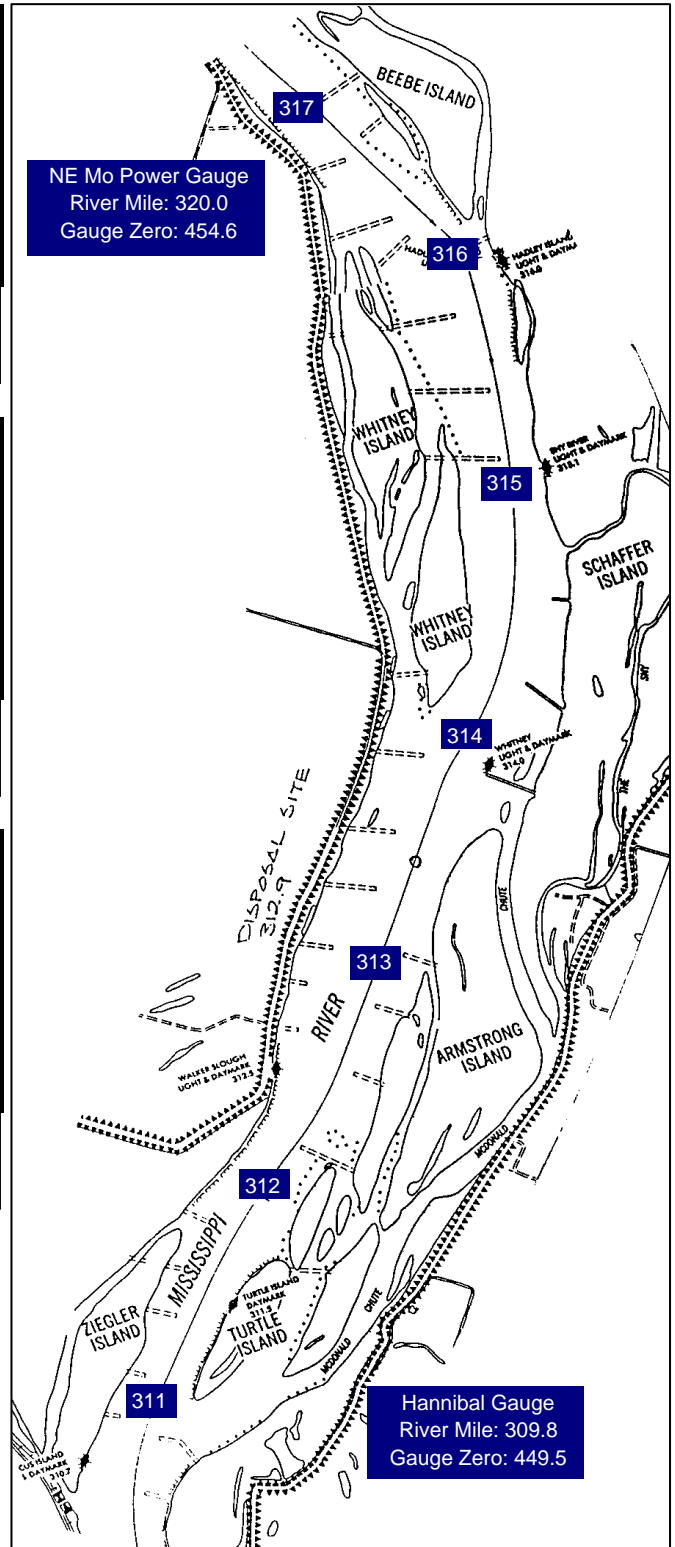
Reach looks good

Whitney Island /river miles: 312.60 314.40				
Affected Channel Information				
F.P. -	459.50	Left	Center	Right
At River Mile		312.8	313.3	313.4
Present Minimum Depth		15.3	15.4	15.1
Local Stage		5.0	5.2	5.2
Adjusted Depth at L.O.L.		9.9	10.2	9.9
Min. Channel Width		350'	River Mile	313.1

Shoaling on Left Descending RM 312.8-313.1
 Shoaling on Right Descending RM 313.3-313.6

Turtle Island /river miles: 310.80 312.60				
Affected Channel Information				
F.P. -	459.50	Left	Center	Right
At River Mile		310.7	311.9	311.7
Present Minimum Depth		12.2	15.3	14.2
Local Stage		4.0	4.6	4.5
Adjusted Depth at L.O.L.		8.2	10.7	9.7
Min. Channel Width		400'	River Mile	311.6

Shoaling on Left Descending RM 310.7-310.9
 Shoaling on Right Descending RM 311.7-311.9





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Upper Gage: Lock 21 Tail - 469.30
 Lower Gage: Lock 22 Pool - 459.40

Universal Atlas /river miles: 305.00 306.00				
Affected Channel Information				
F.P. -	459.50	Left	Center	Right
At River Mile		305.7	305.9	306
Present Minimum Depth		11.4	12.7	12.8
Local Stage		1.8	1.8	1.9
Adjusted Depth at L.O.L.		9.6	10.9	10.9
Min. Channel Width		450'	River Mile	306

Shoaling on Left Descending RM 305.7-306.1

Saverton Bluff /river miles: 302.00 303.40				
Affected Channel Information				
F.P. -	459.50	Left	Center	Right
At River Mile		303.3	302.6	302.3
Present Minimum Depth		17.2	13.9	11
Local Stage		0.7	0.5	0.4
Adjusted Depth at L.O.L.		16.5	13.4	10.6
Min. Channel Width		600'	River Mile	302

Reach looks good

Lock 22 Upper /river miles: 301.20 302.00				
Affected Channel Information				
F.P. -	459.50	Left	Center	Right
At River Mile		301.8	302	301.4
Present Minimum Depth		11.4	14.4	15
Local Stage		0.1	0.2	0.0
Adjusted Depth at L.O.L.		11.3	14.2	15.0
Min. Channel Width		600'	River Mile	301.6

Reach looks good

Lock 22 Lower /river miles: 300.50 301.20				
Affected Channel Information				
F.P. -	459.50	Left	Center	Right
At River Mile		300.5	300.6	300.1
Present Minimum Depth		16.6	18	15.3
Local Stage		9.3	9.3	9.3
Adjusted Depth at L.O.L.		7.3	8.7	6.0
Min. Channel Width		350'	River Mile	300.7

Shoaling Left Descending RM 300.5-300.7
 Isolated shoal Right Descending RM 300.1
 Shoaling on Centerline RM 300.5-300.6

