

WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 1, 2013 to January 7, 2013 428 cfs

S-12 Discharge 193 cfs
 S-333 Discharge 235 cfs

----- Data Summary ----- December 21, 2012 to December 28, 2012
 WCA-3A Stage (end of week) 10.33 ft. msl
 Angel's 5.81 ft. msl
 G3273 6.68 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.06	0.94
S-140		1.00
ENP		M

This Week's Avg	0.06	0.97
Pre-Project Avg	0.24	0.75

----- Transition Zone Information -----

WCA-3A is in Zone D

Supplemental discharge is 400 cfs
 Distance to Top of Zone E -0.08 feet
 Distance to Bottom of Regulatory Zone 0.17 feet

----- Statistical Parameters -----

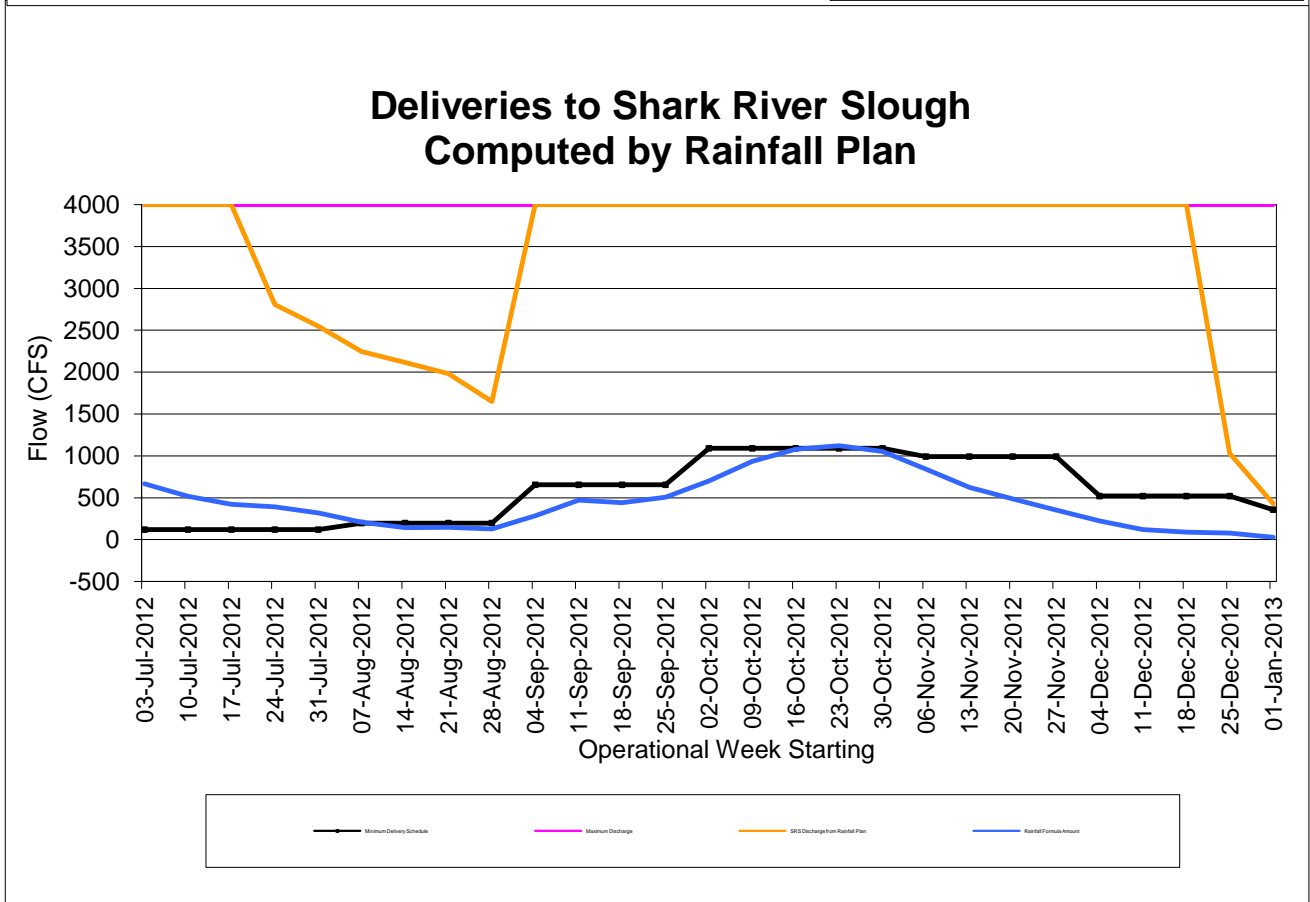
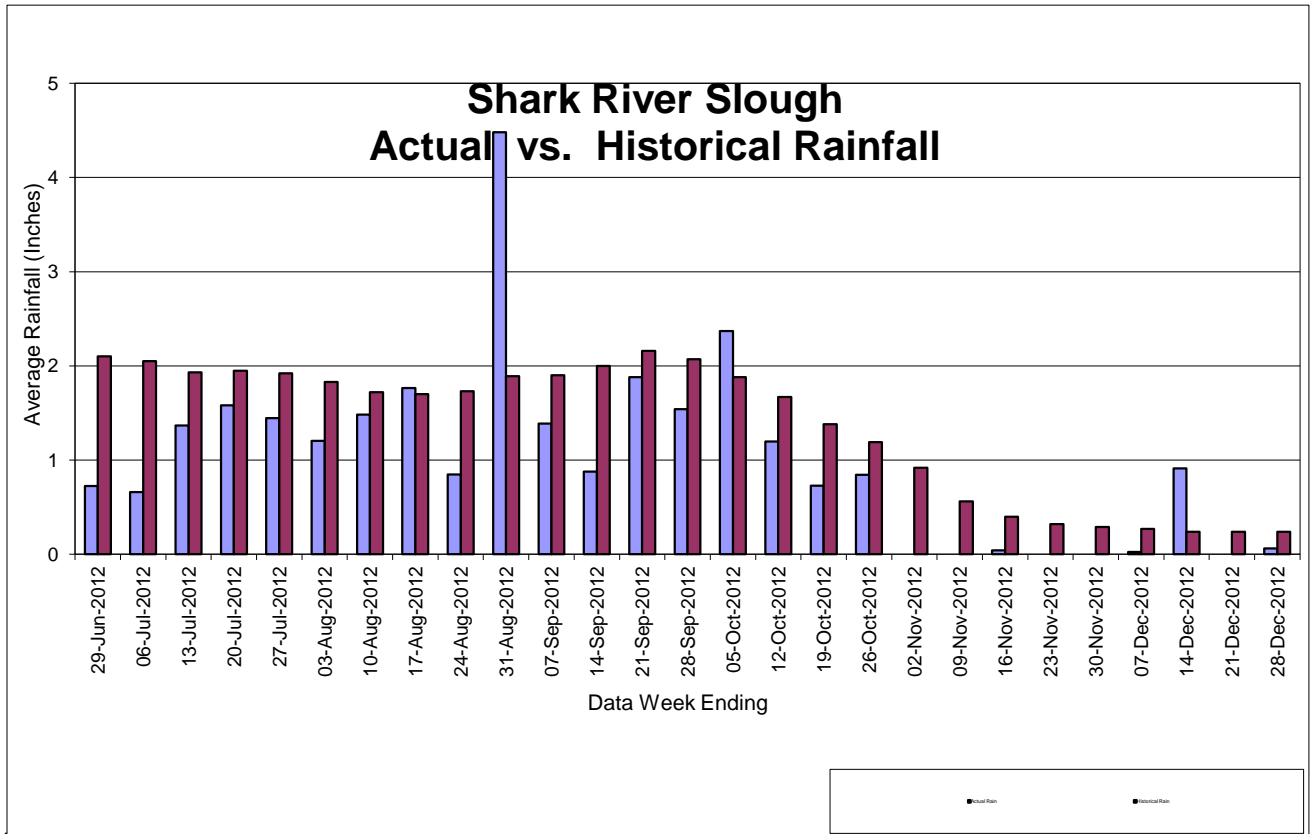
Rainfall Formula Amount 28 cfs
 Last Week's Rainfall Formula 79 cfs
 Pre-Project Mean Discharge 281 cfs

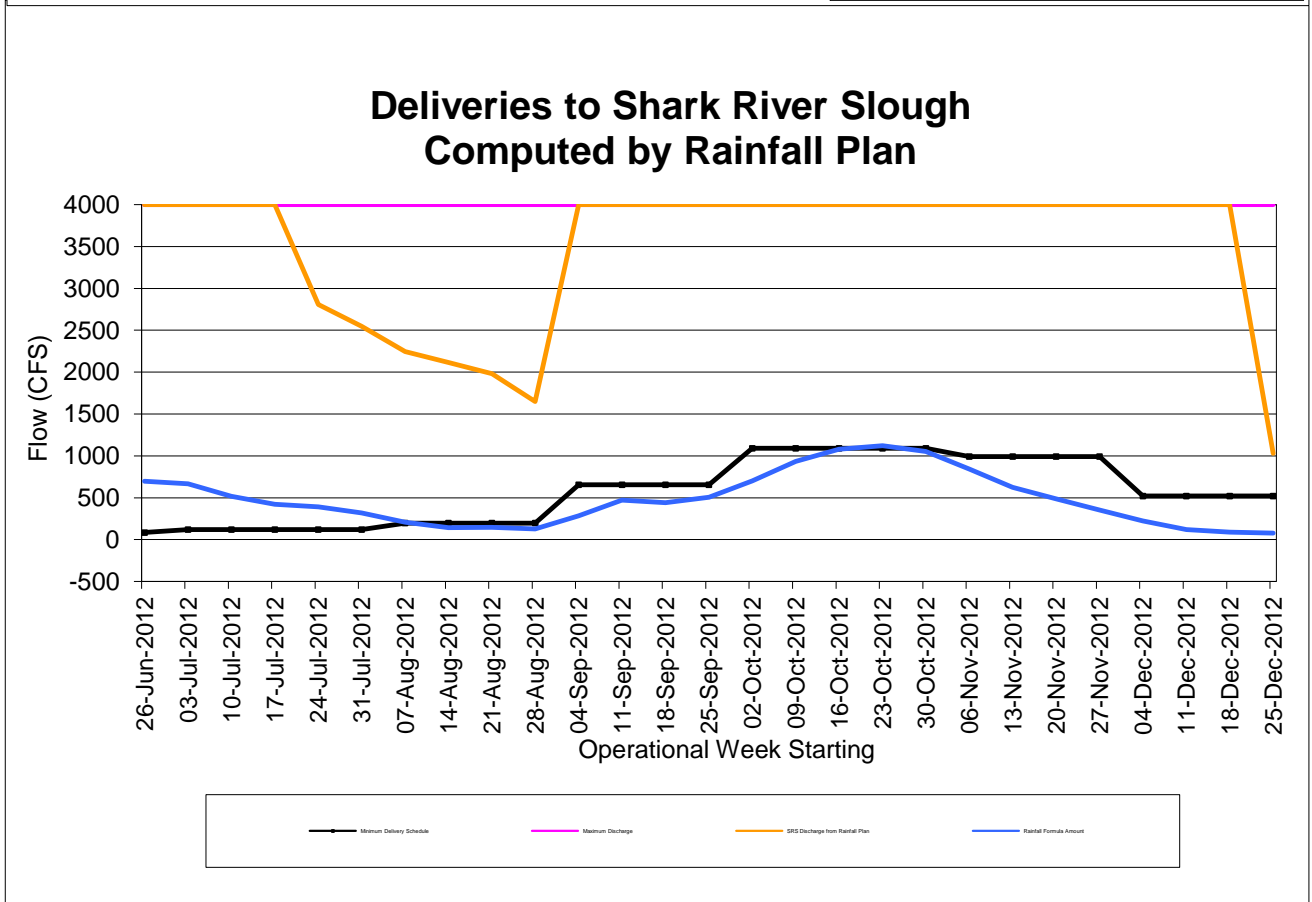
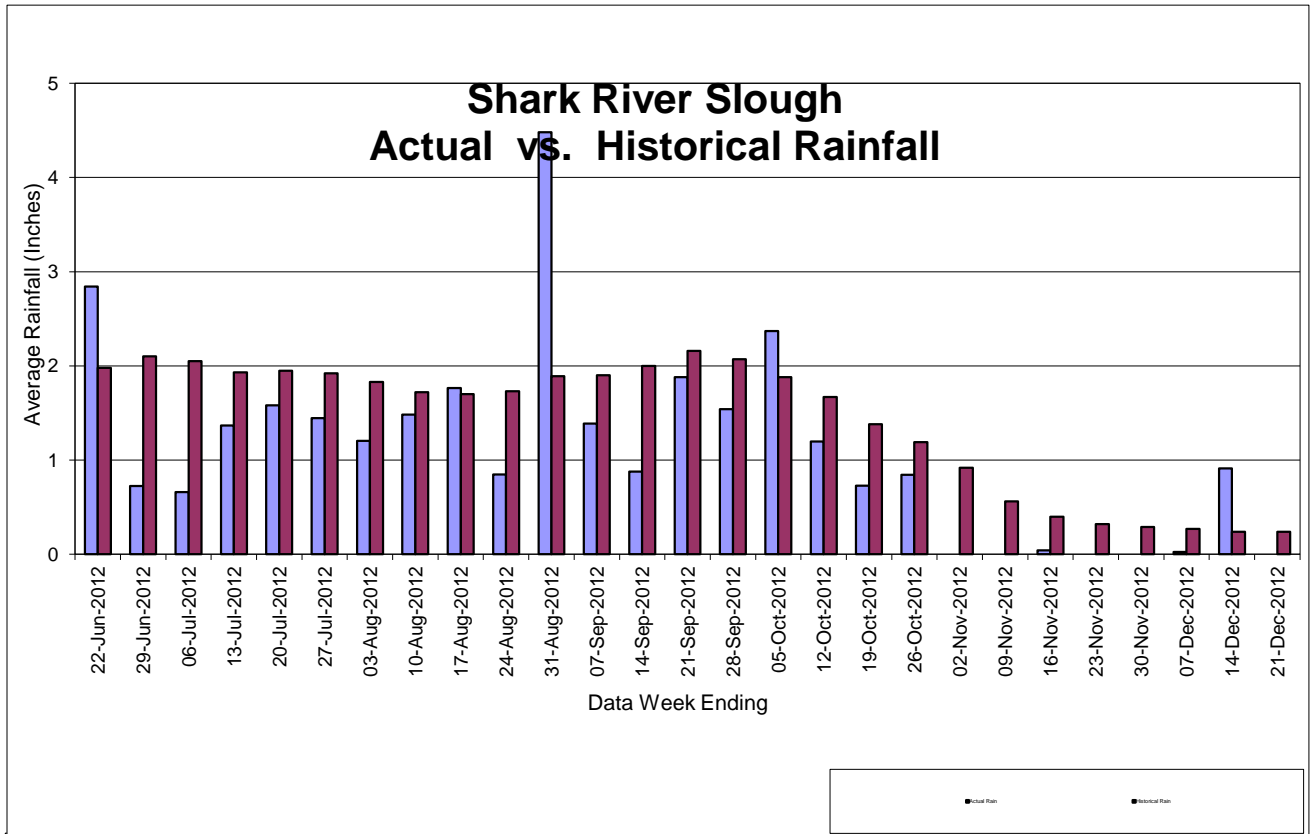
Rainfall Excess Terms

RL1 -0.66	RL2 -0.39	RL3 -2.66
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COMMENT: S7 estimated evap data and S140 estimated evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**





WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow December 18, 2012 to December 24, 2012 **MAX** cfs

S-12 Discharge **MAX** cfs
 S-333 Discharge **MAX** cfs

----- Data Summary -----
 December 7, 2012 to December 14, 2012
 WCA-3A Stage (end of week) 10.57 ft. msl
 Angel's 5.96 ft. msl
 G3273 6.85 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.91	0.76
S-140		1.05
ENP		M

This Week's Avg	0.91	0.91
Pre-Project Avg	0.24	0.78

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is **MAX** cfs
 Distance to Top of Zone E -0.32 feet
 Distance to Bottom of Regulatory Zone -0.07 feet

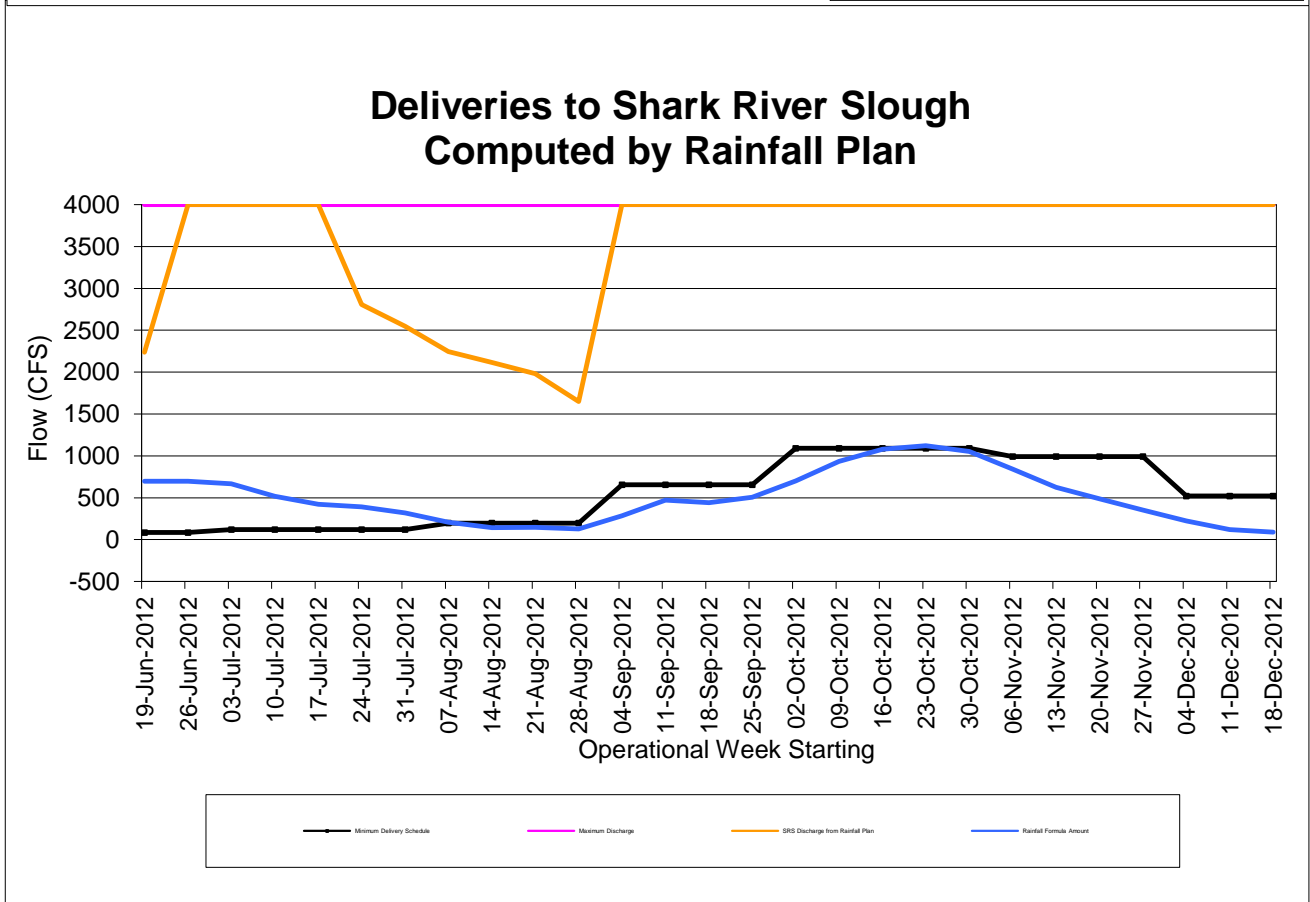
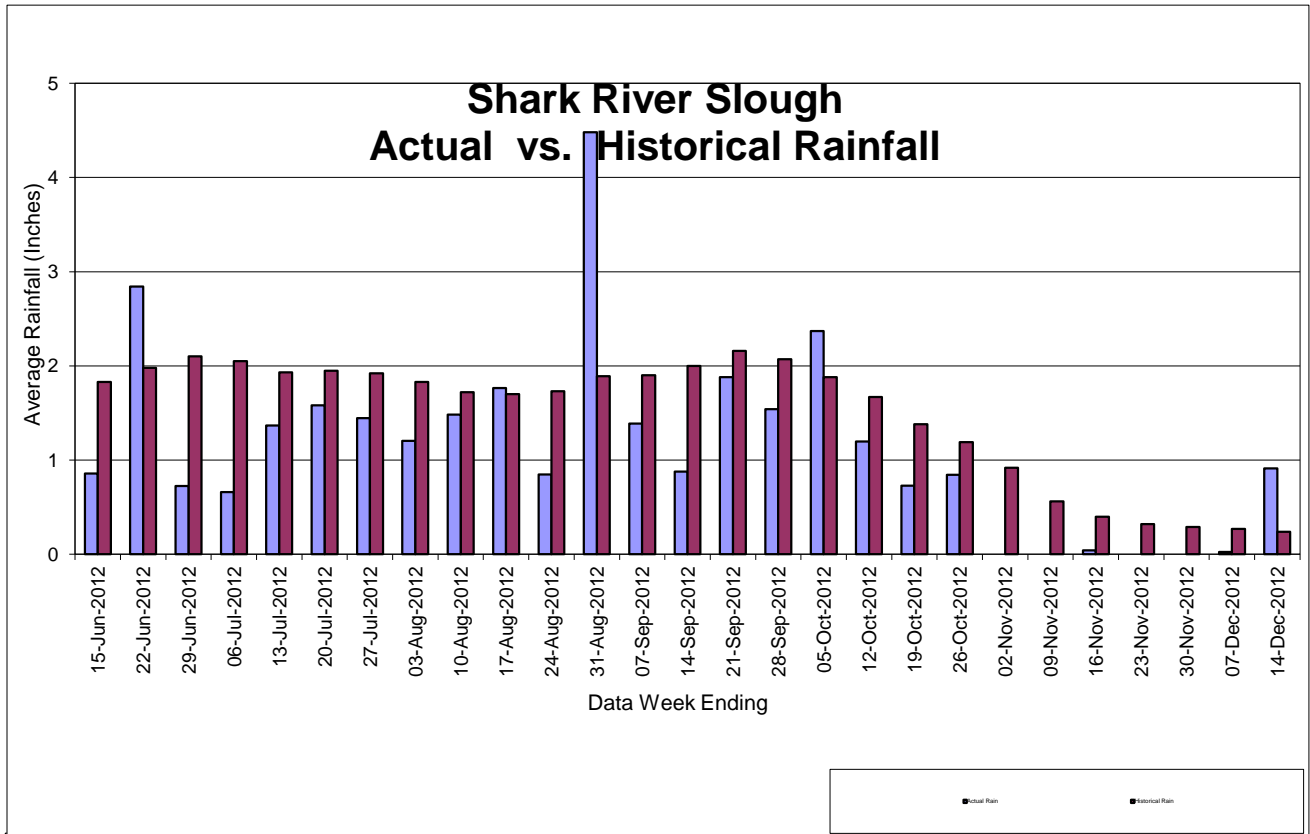
----- Statistical Parameters -----

Rainfall Formula Amount 90 cfs
 Last Week's Rainfall Formula 121 cfs
 Pre-Project Mean Discharge 376 cfs

Rainfall Excess Terms
 RL1 0.33 RL2 -1.65 RL3 -3.08

COMMENT: S7 estimated evap data and S140 estimated evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow December 11, 2012 to December 17, 2012 **MAX** cfs

S-12 Discharge **MAX** cfs
 S-333 Discharge **MAX** cfs

----- **Data Summary** ----- **November 30, 2012** to **December 7, 2012**
 WCA-3A Stage (end of week) **10.61** ft. msl
 Angel's **5.94** ft. msl
 G3273 **6.78** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.02	0.82
S-140		0.77
ENP		M

This Week's Avg	0.02	0.80
Pre-Project Avg	0.27	0.80

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is **MAX** cfs
 Distance to Top of Zone E -0.37 feet
 Distance to Bottom of Regulatory Zone -0.11 feet

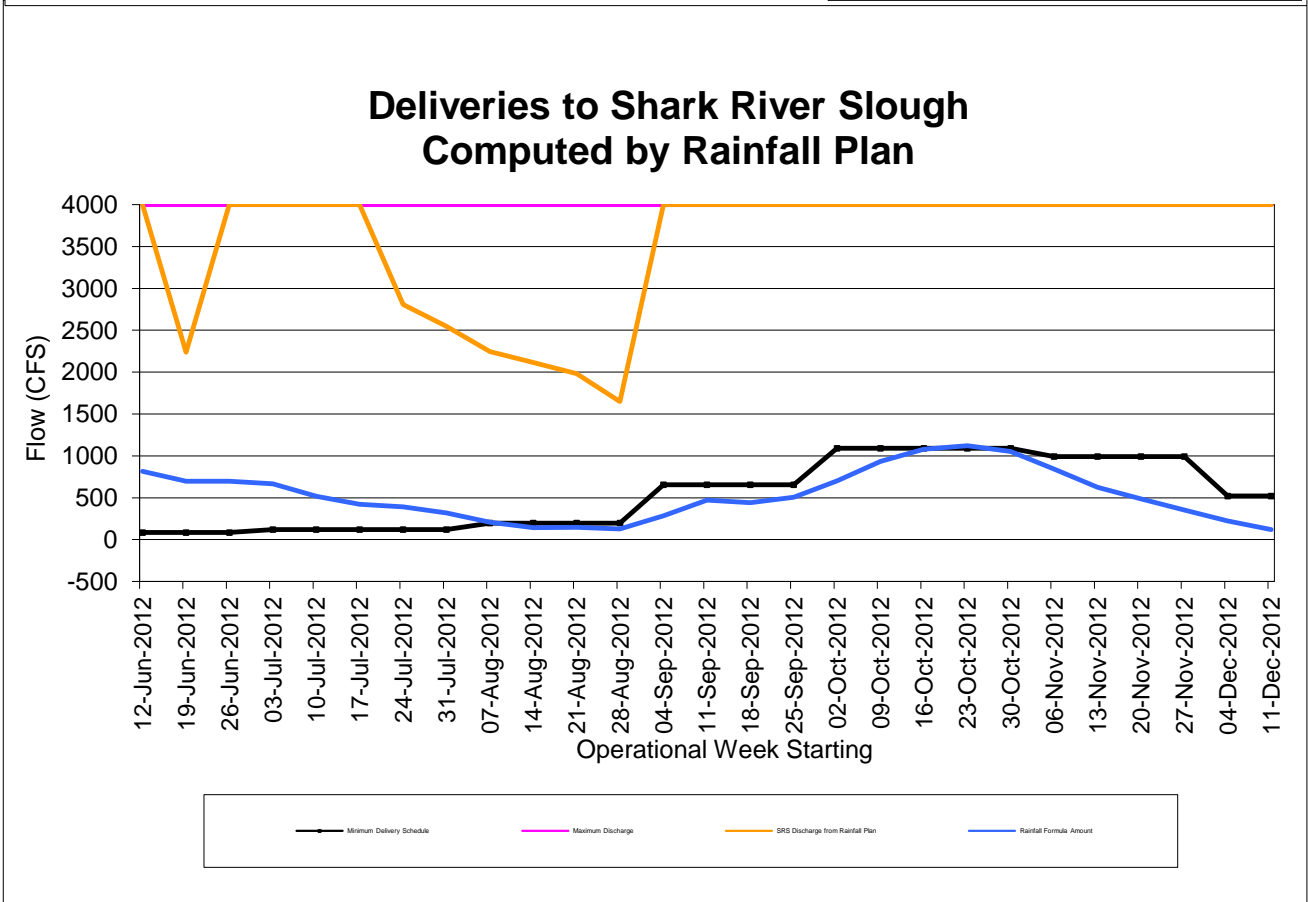
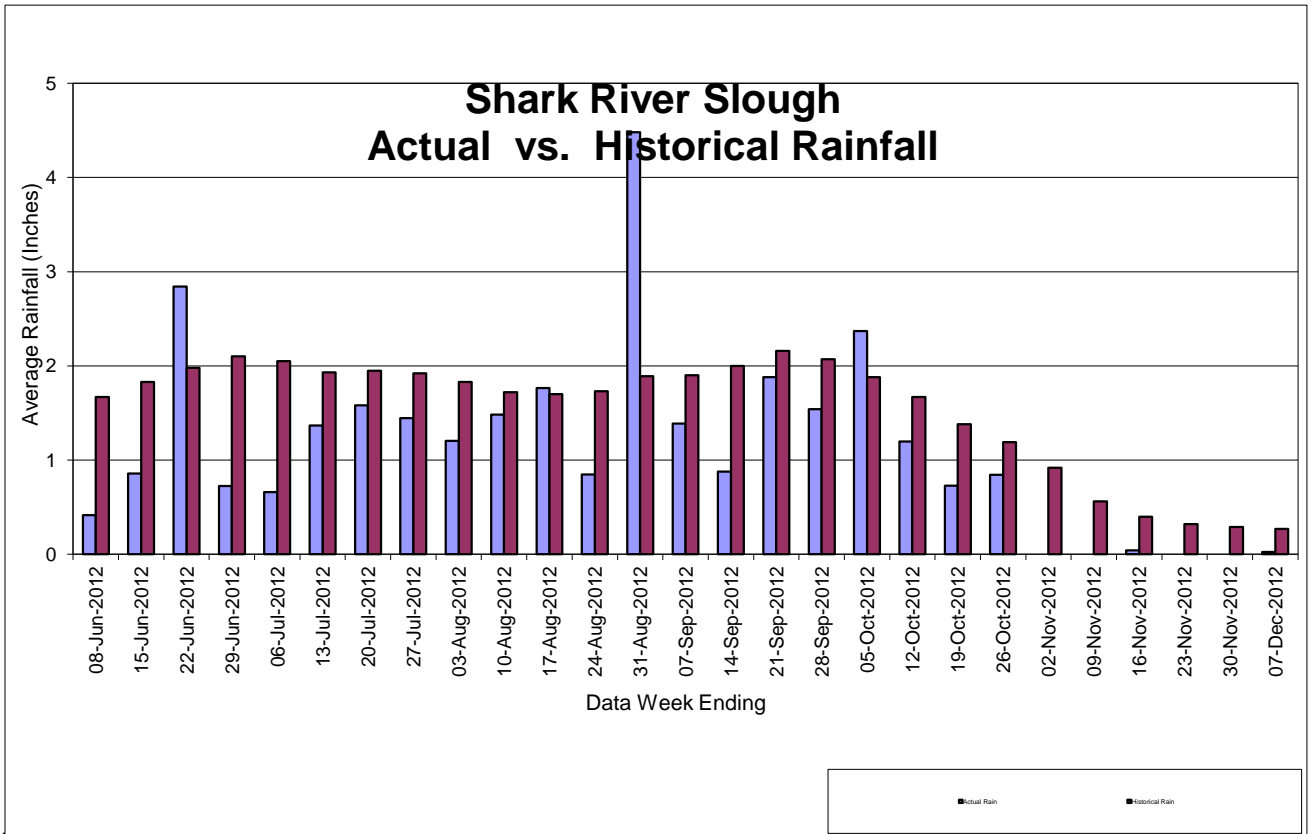
----- **Statistical Parameters** -----

Rainfall Formula Amount **121** cfs
 Last Week's Rainfall Formula **224** cfs
 Pre-Project Mean Discharge **462** cfs

Rainfall Excess Terms
 RL1 **-0.59** RL2 **-2.48** RL3 **-1.46**

COMMENT: S7 estimated evap data and S140 estimated evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow December 4, 2012 to December 10, 2012 **MAX** cfs

S-12 Discharge **MAX** cfs
 S-333 Discharge **MAX** cfs

----- Data Summary ----- **November 23, 2012** to **November 30, 2012**
 WCA-3A Stage (end of week) **10.71** ft. msl
 Angel's **6.05** ft. msl
 G3273 **6.82** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.00	0.93
S-140		0.86
ENP		M

This Week's Avg	0.00	0.89
Pre-Project Avg	0.29	0.82

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is **MAX** cfs
 Distance to Bottom of Transition Zone -0.52 feet
 Distance to Bottom of Regulatory Zone -0.21 feet

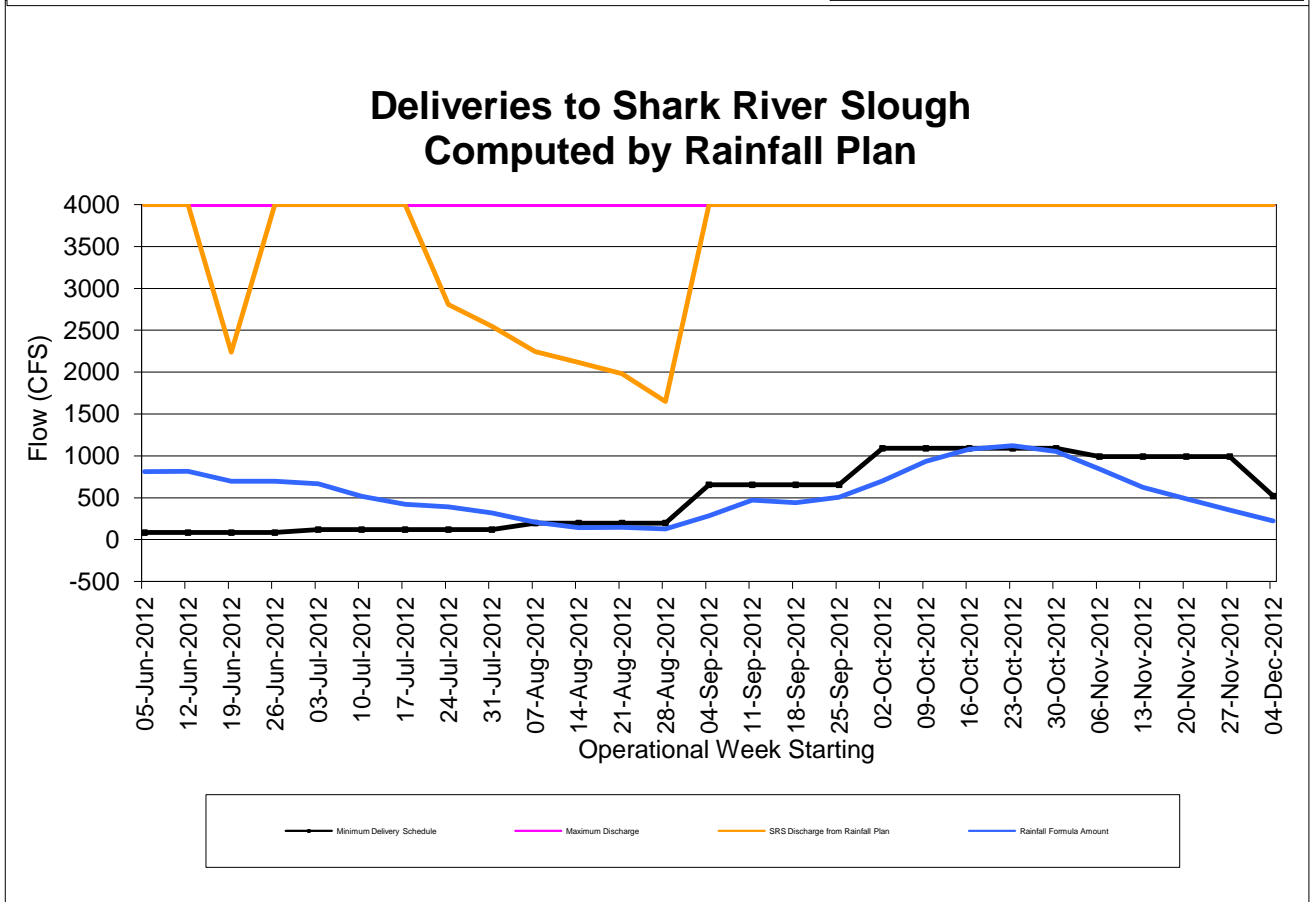
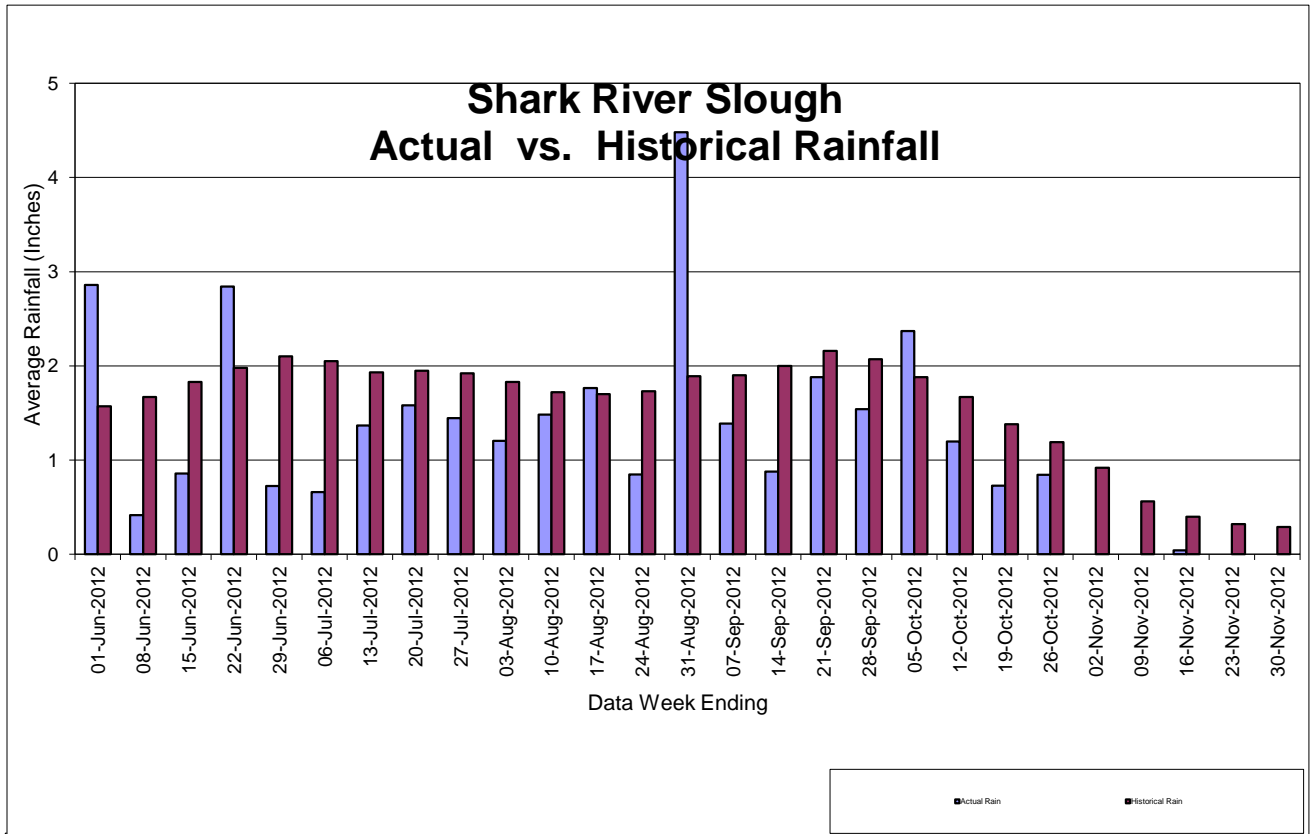
----- Statistical Parameters -----

Rainfall Formula Amount **224** cfs
 Last Week's Rainfall Formula **353** cfs
 Pre-Project Mean Discharge **566** cfs

Rainfall Excess Terms
 RL1 **-0.72** RL2 **-2.66** RL3 **-1.26**

COMMENT: S7 estimated evap data and S140 estimated evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **November 27, 2012** to **December 3, 2012** **MAX** cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- **Data Summary** ----- **November 16, 2012** to **November 23, 2012**
 WCA-3A Stage (end of week) 10.83 ft. msl
 Angel's 6.11 ft. msl
 G3273 6.89 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.00	0.92
S-140		0.94
ENP		M

This Week's Avg	0.00	0.93
Pre-Project Avg	0.32	0.87

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -0.33 feet
 Distance to Bottom of Regulatory Zone -0.08 feet

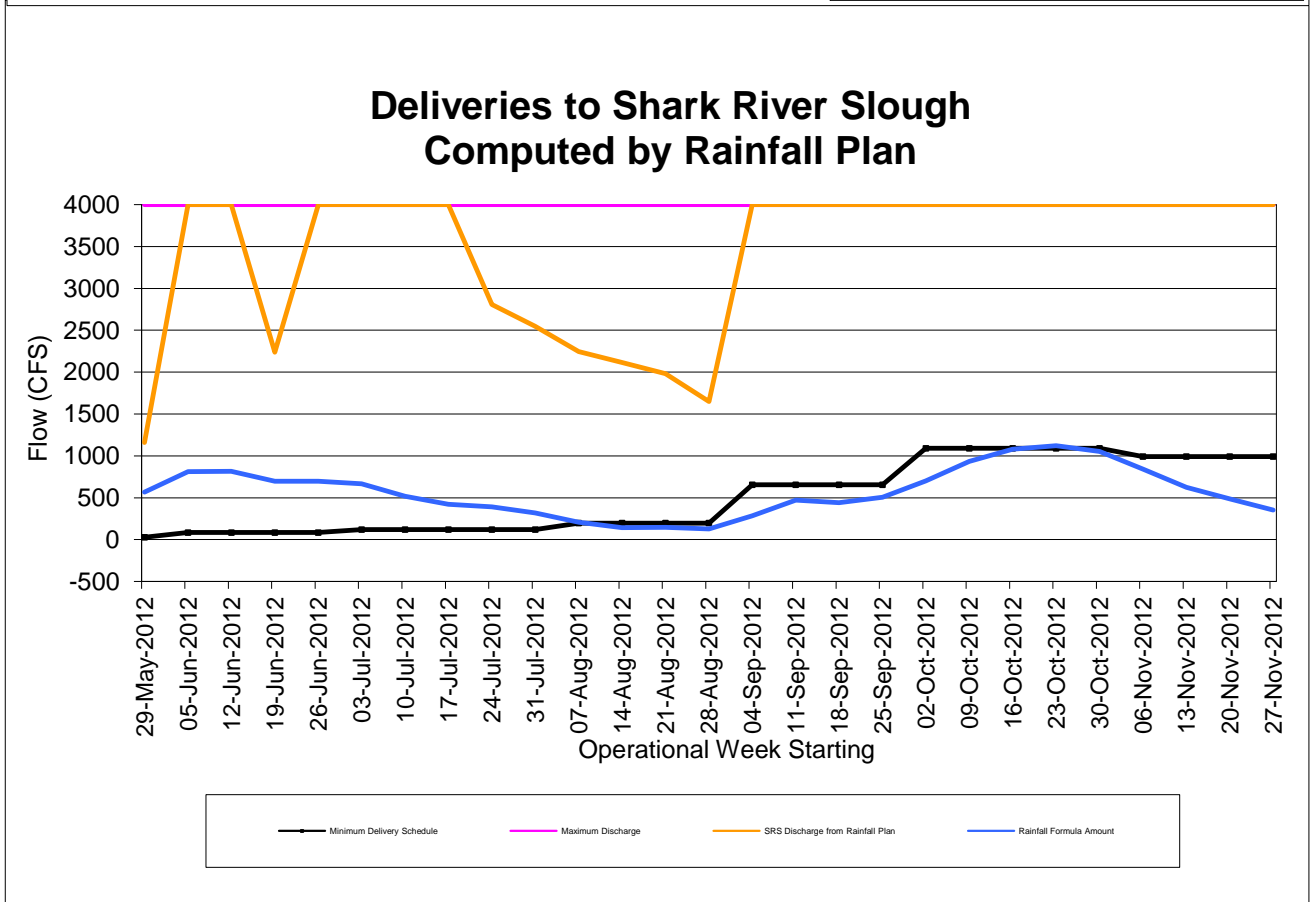
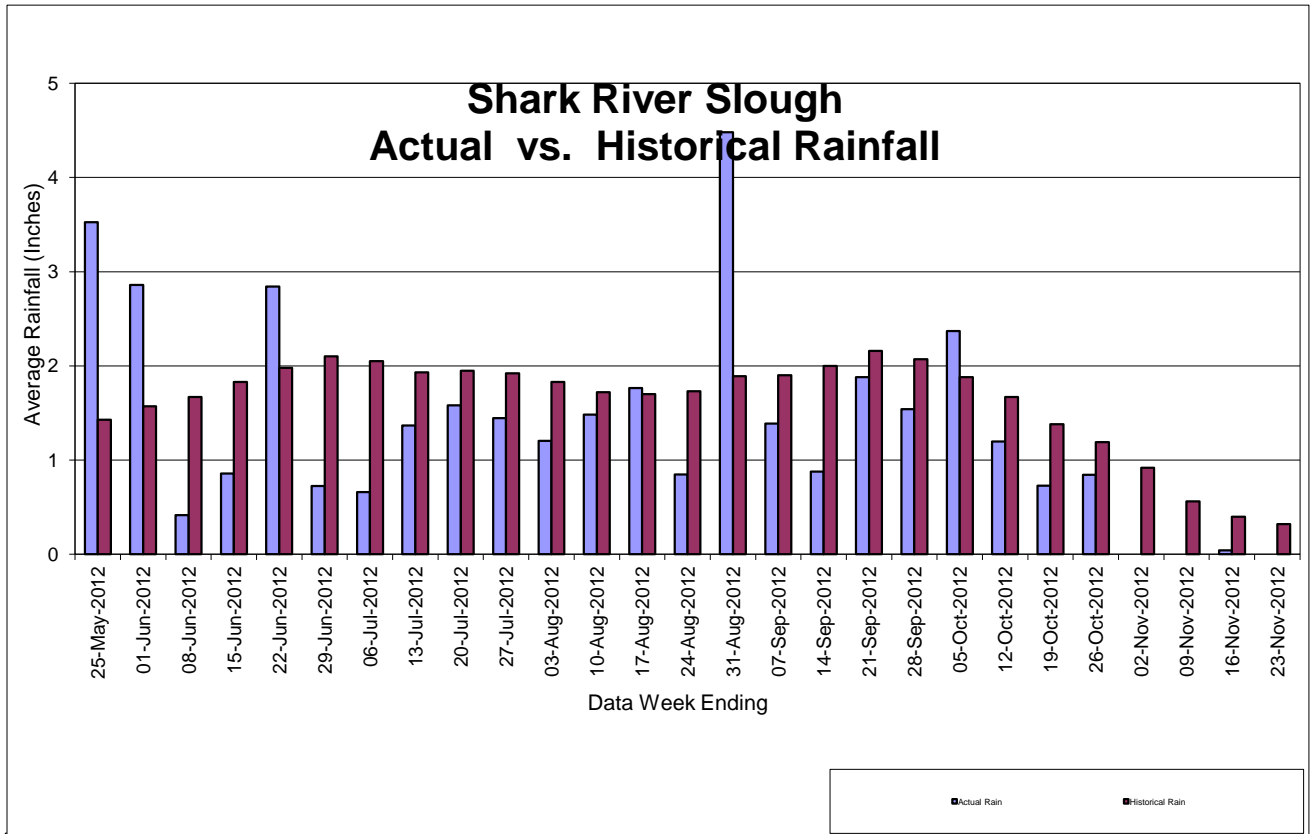
----- **Statistical Parameters** -----

Rainfall Formula Amount 353 cfs
 Last Week's Rainfall Formula 488 cfs
 Pre-Project Mean Discharge 689 cfs

Rainfall Excess Terms
RL1 -0.68 RL2 -3.11 RL3 -1.02

COMMENT: S7 estimated evap data and S140 estimated evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow November 20, 2012 to November 26, 2012 **MAX** cfs

S-12 Discharge **MAX** cfs
 S-333 Discharge **MAX** cfs

----- Data Summary ----- November 9, 2012 to November 16, 2012
 WCA-3A Stage (end of week) 10.98 ft. msl
 Angel's 6.29 ft. msl
 G3273 6.96 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.04	0.90
S-140		0.80
ENP		M

This Week's Avg	0.04	0.85
Pre-Project Avg	0.40	0.91

----- Transition Zone Information -----

WCA-3A is in Zone **A**

Supplemental discharge is **MAX** cfs
 Distance to Bottom of Transition Zone -0.48 feet
 Distance to Bottom of Regulatory Zone -0.23 feet

----- Statistical Parameters -----

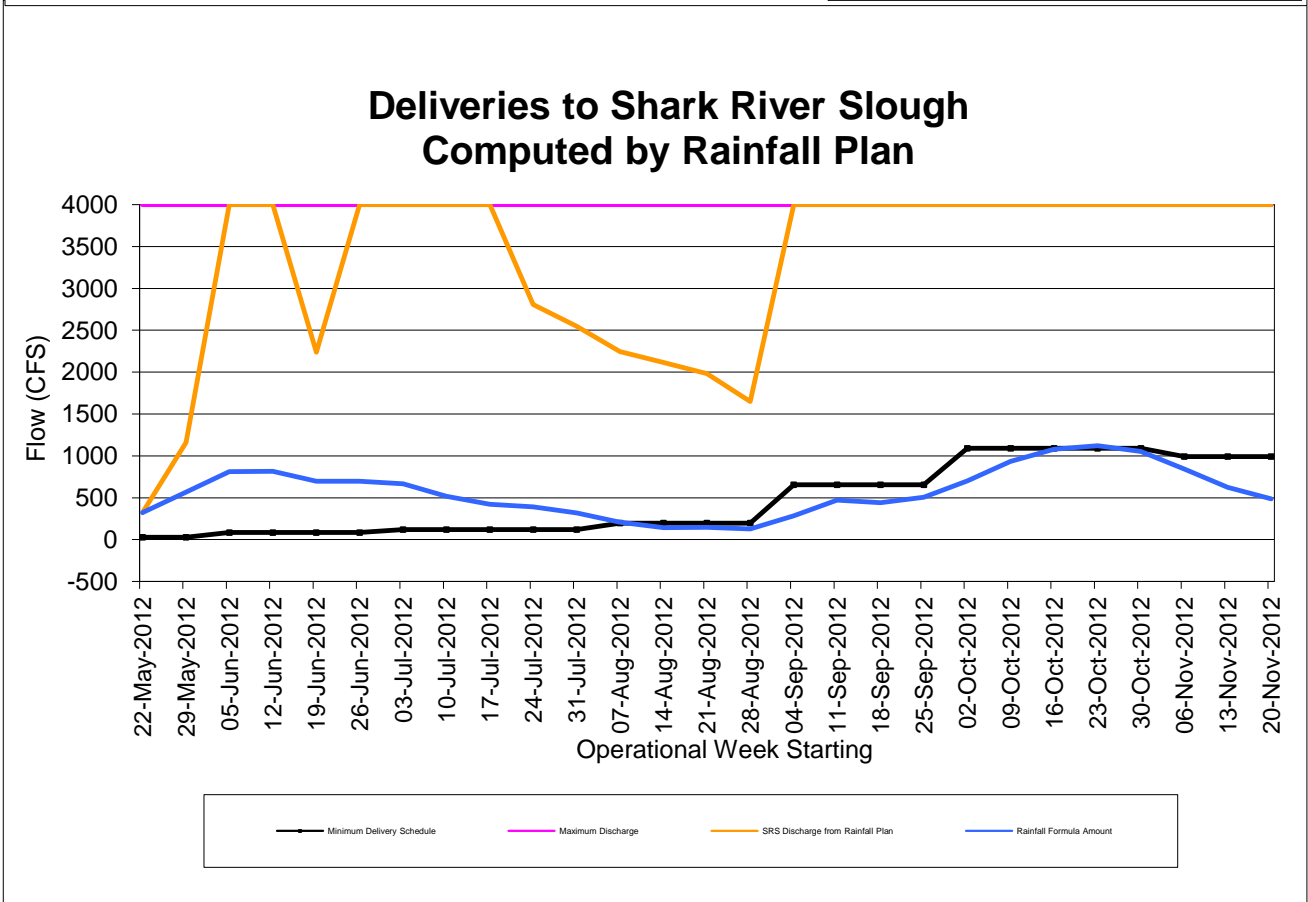
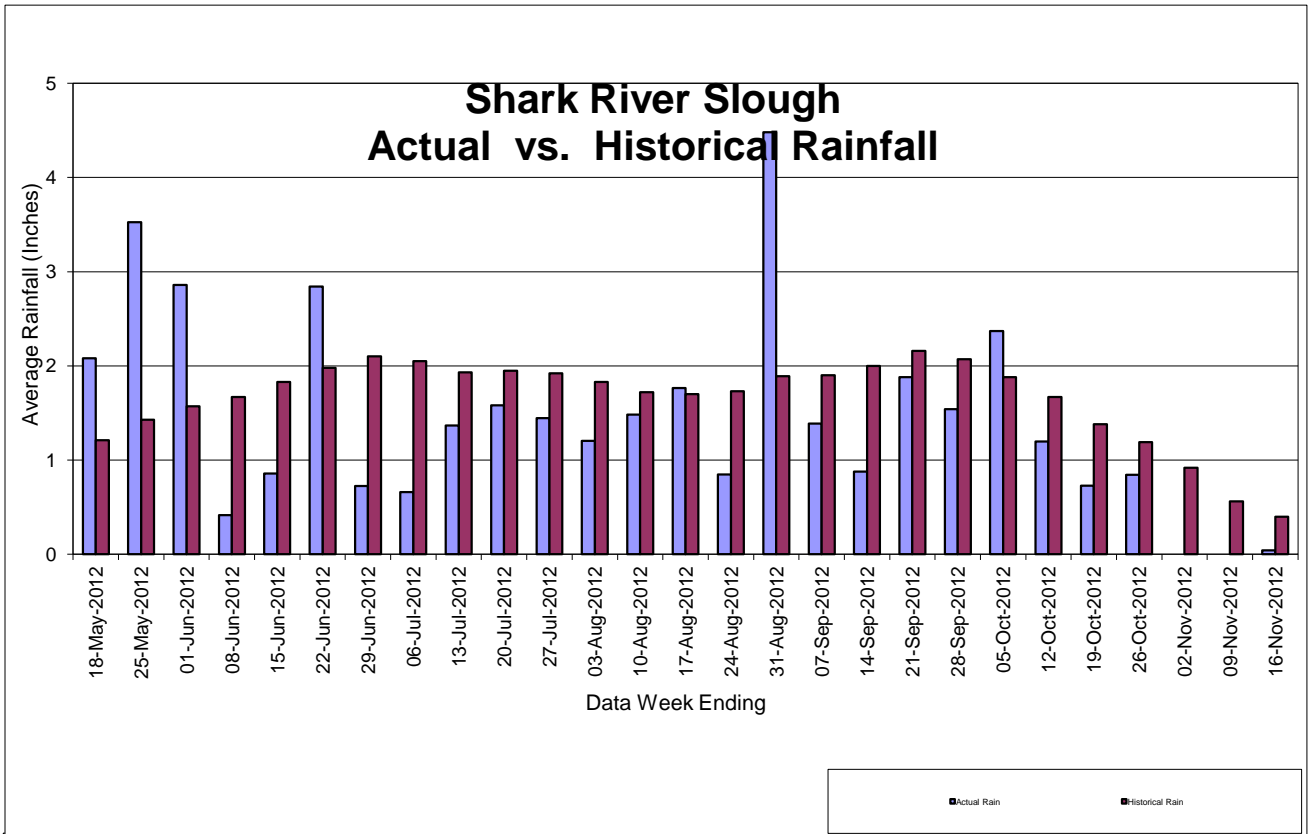
Rainfall Formula Amount 488 cfs
 Last Week's Rainfall Formula 624 cfs
 Pre-Project Mean Discharge 820 cfs

Rainfall Excess Terms

RL1 -0.93	RL2 -3.08	RL3 -1.76
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COMMENT: S7 estimated evap data and S140 estimated evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow November 13, 2012 to November 19, 2012 **MAX** cfs

S-12 Discharge **MAX** cfs
 S-333 Discharge **MAX** cfs

----- Data Summary -----
 November 2, 2012 to November 9, 2012
 WCA-3A Stage (end of week) 11.12 ft. msl
 Angel's 6.52 ft. msl
 G3273 7.03 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.00	1.06
S-140		1.04
ENP		M

This Week's Avg	0.00	1.05
Pre-Project Avg	0.56	0.97

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is **MAX** cfs
 Distance to Bottom of Transition Zone -0.62 feet
 Distance to Bottom of Regulatory Zone -0.37 feet

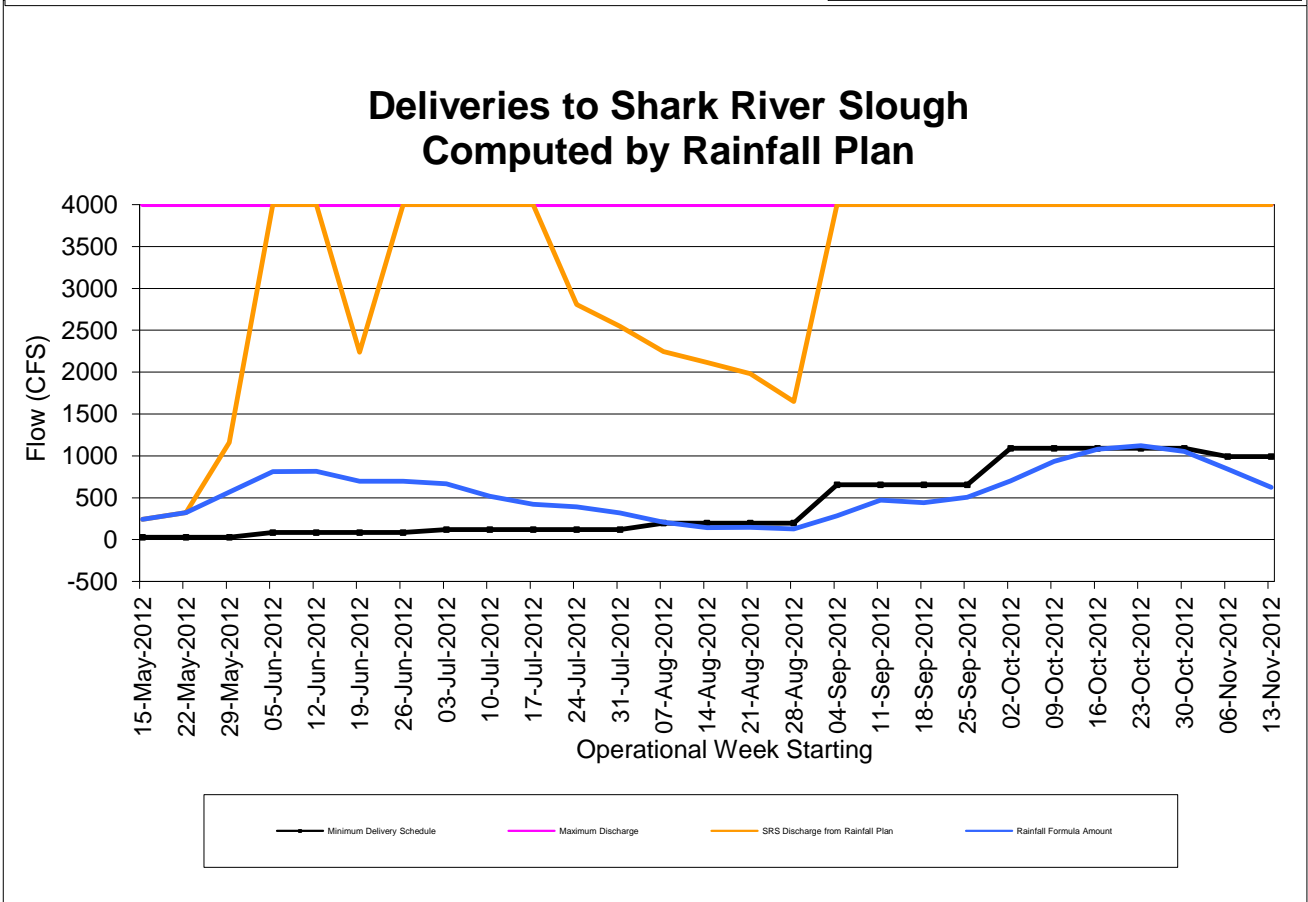
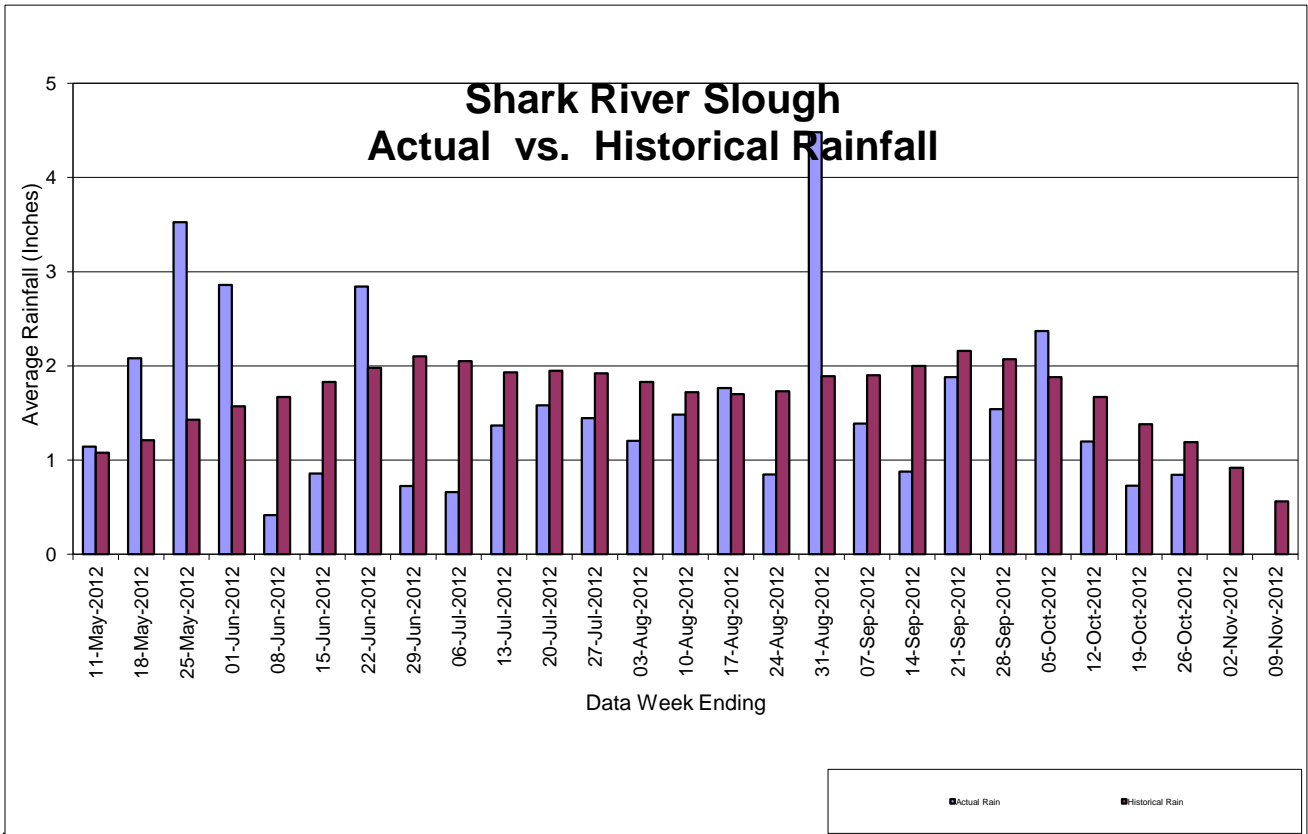
----- Statistical Parameters -----

Rainfall Formula Amount 624 cfs
 Last Week's Rainfall Formula 844 cfs
 Pre-Project Mean Discharge 937 cfs

Rainfall Excess Terms
 RL1 -1.81 RL2 -1.46 RL3 -2.81

COMMENT: S7 estimated evap data and S140 estimated evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **November 6, 2012** to **November 12, 2012** **MAX** cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- **Data Summary** -----
October 26, 2012 to **November 2, 2012**
 WCA-3A Stage (end of week) 11.28 ft. msl
 Angel's 6.81 ft. msl
 G3273 7.13 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.00	1.34
S-140		1.36
ENP		M

This Week's Avg	0.00	1.35
Pre-Project Avg	0.92	1.02

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -0.78 feet
 Distance to Bottom of Regulatory Zone -0.53 feet

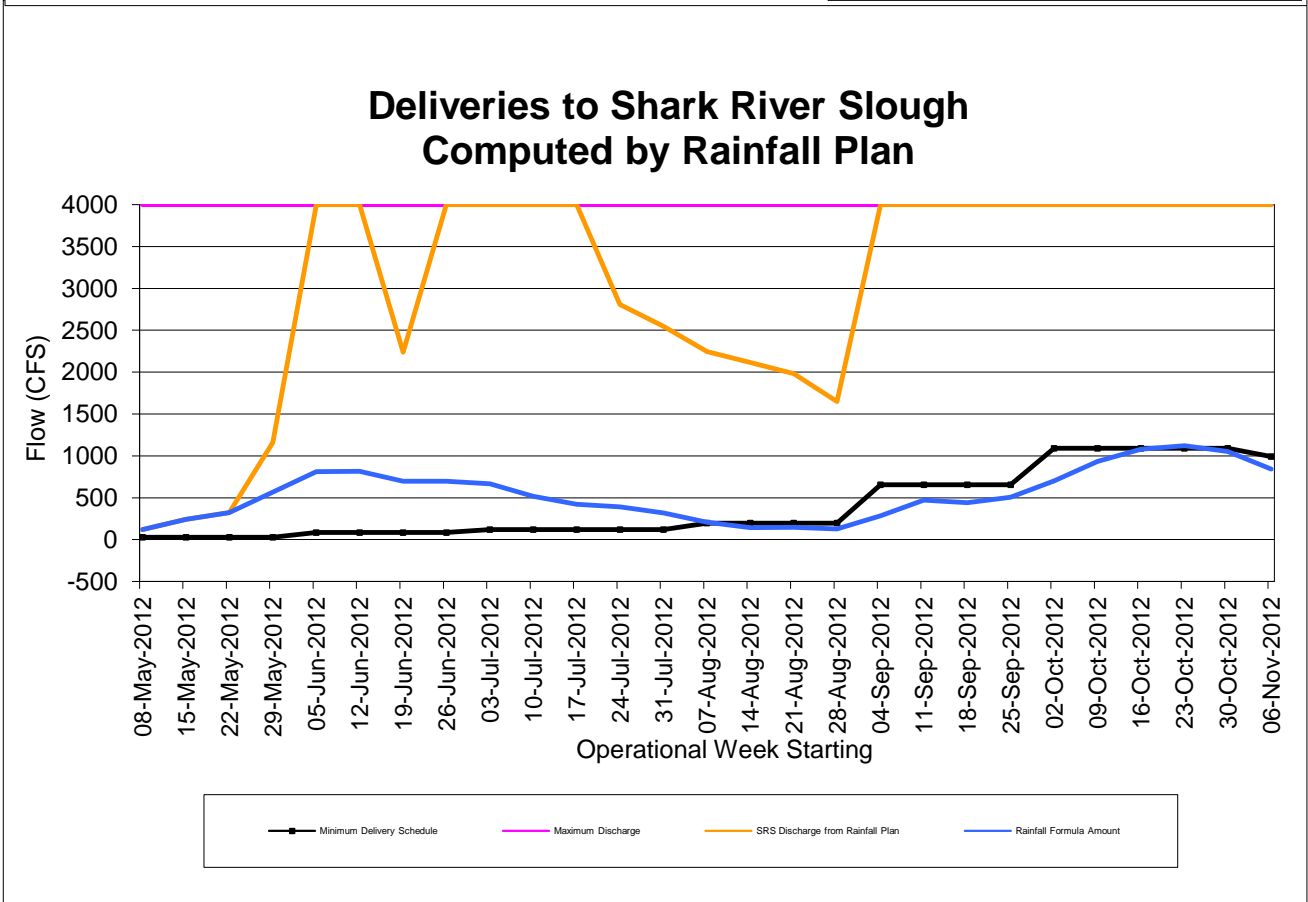
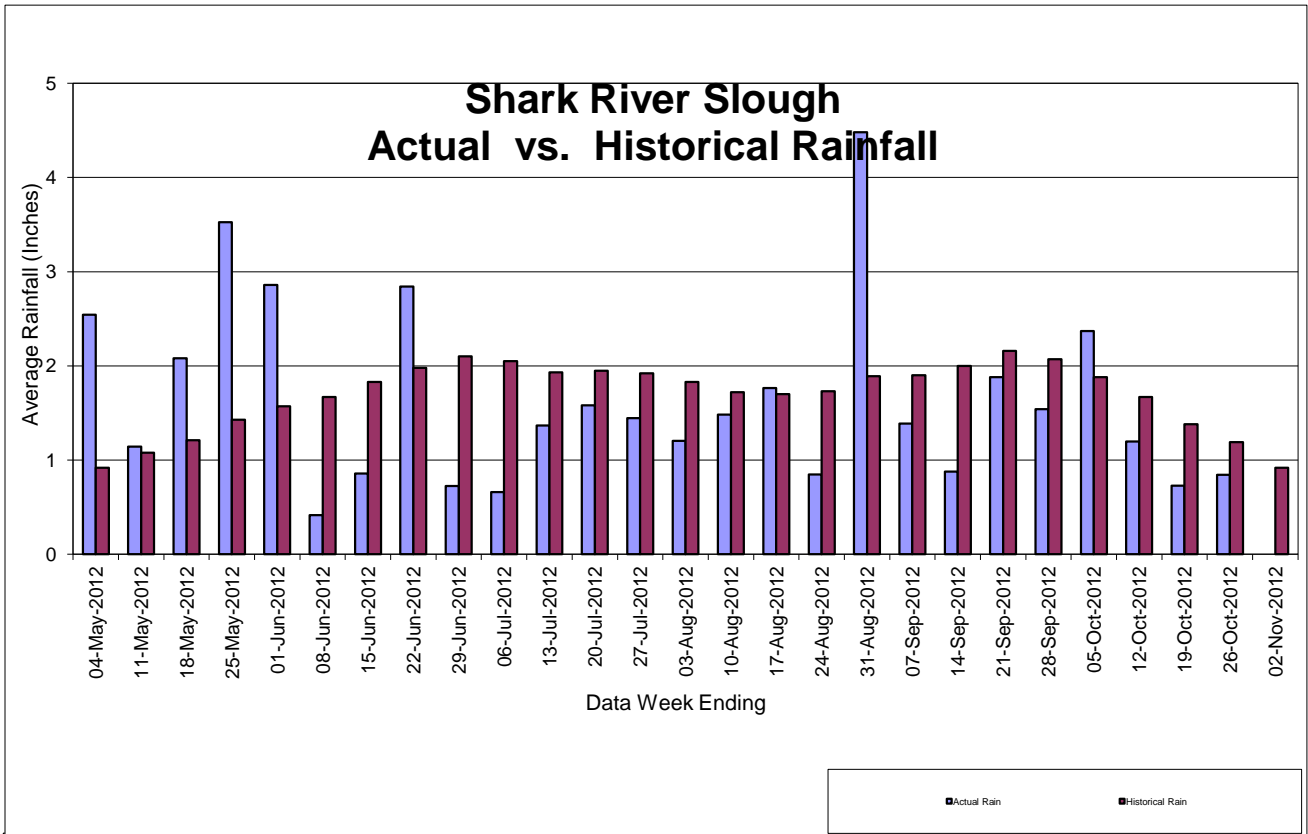
----- **Statistical Parameters** -----

Rainfall Formula Amount 844 cfs
 Last Week's Rainfall Formula 1054 cfs
 Pre-Project Mean Discharge 1084 cfs

Rainfall Excess Terms
RL1 -1.73 RL2 -1.26 RL3 0.07

COMMENT: S7 evap data and S140 evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **October 30, 2012** to **November 5, 2012** **MAX** cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- **Data Summary** ----- **October 19, 2012** to **October 26, 2012**
 WCA-3A Stage (end of week) 11.45 ft. msl
 Angel's 7.03 ft. msl
 G3273 7.27 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.84	1.30
S-140		1.31
ENP		M

This Week's Avg	0.84	1.31
Pre-Project Avg	1.19	1.06

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.48 feet
 Distance to Bottom of Regulatory Zone -0.70 feet

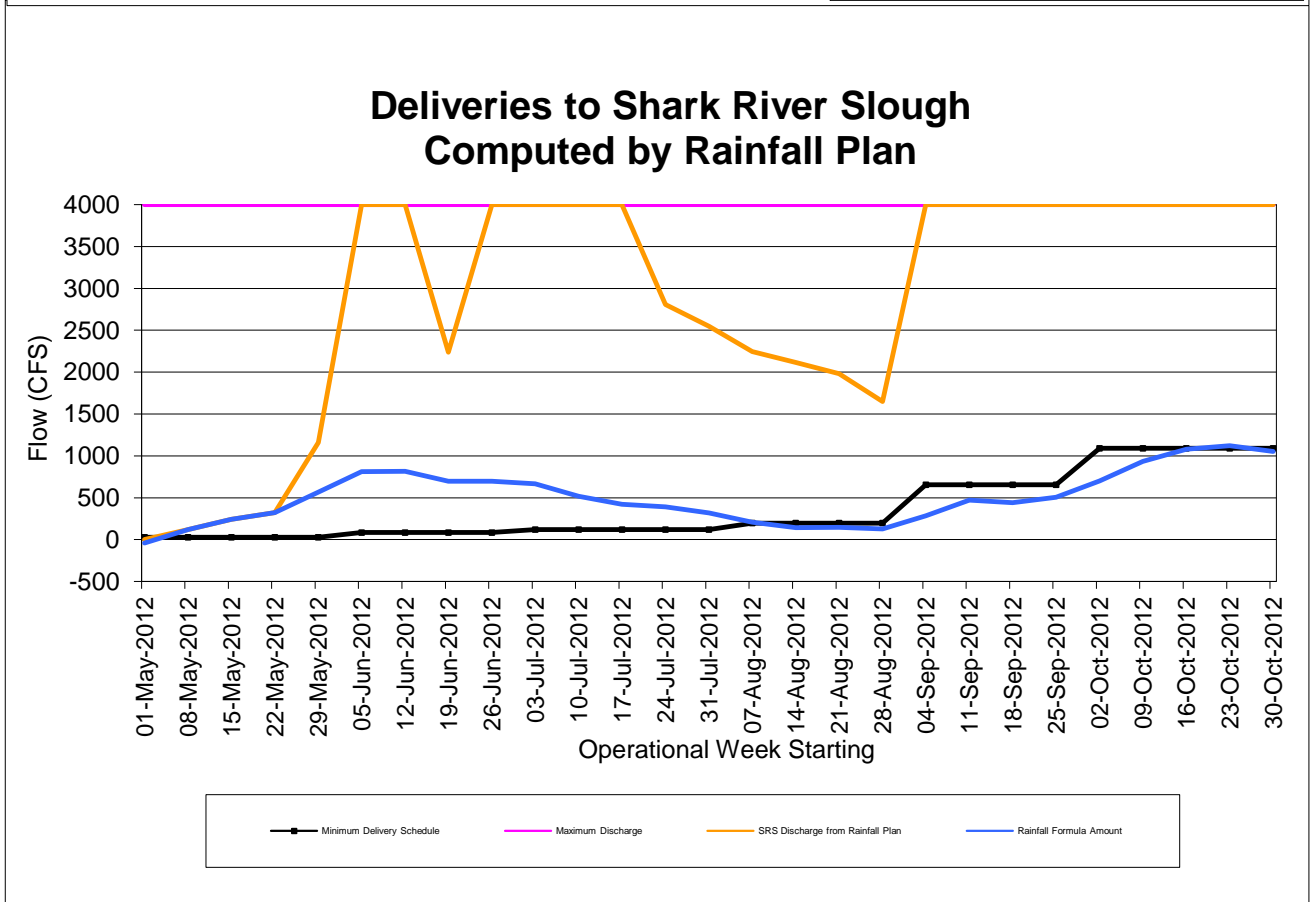
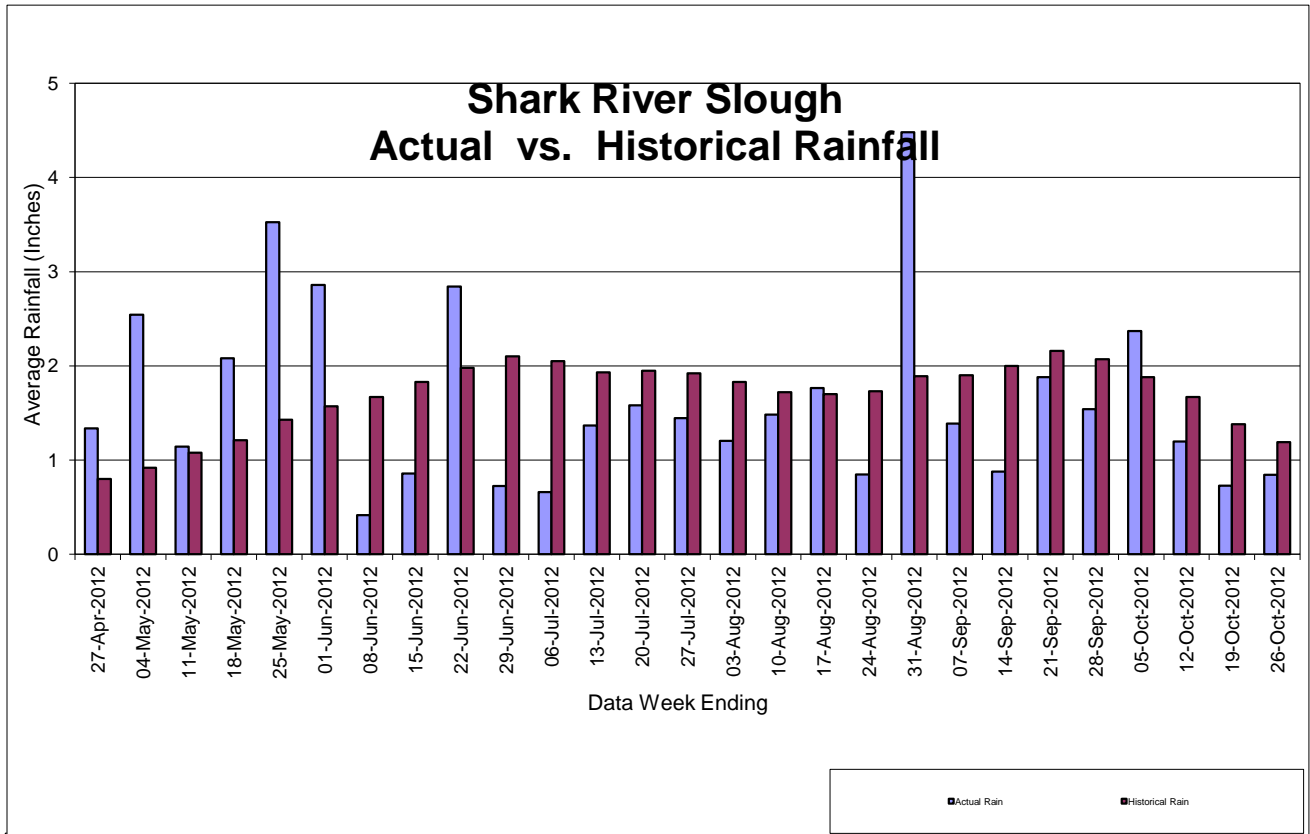
----- **Statistical Parameters** -----

Rainfall Formula Amount 1054 cfs
 Last Week's Rainfall Formula 1121 cfs
 Pre-Project Mean Discharge 1220 cfs

Rainfall Excess Terms
 RL1 -1.30 RL2 -1.02 RL3 -0.30

COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **October 23, 2012** to **October 29, 2012** **MAX** cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- **Data Summary** -----
October 12, 2012 to **October 19, 2012**
 WCA-3A Stage (end of week) 11.51 ft. msl
 Angel's 6.94 ft. msl
 G3273 7.22 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.73	1.23
S-140		1.28
ENP		M

This Week's Avg	0.73	1.25
Pre-Project Avg	1.38	1.12

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.58 feet
 Distance to Bottom of Regulatory Zone -0.76 feet

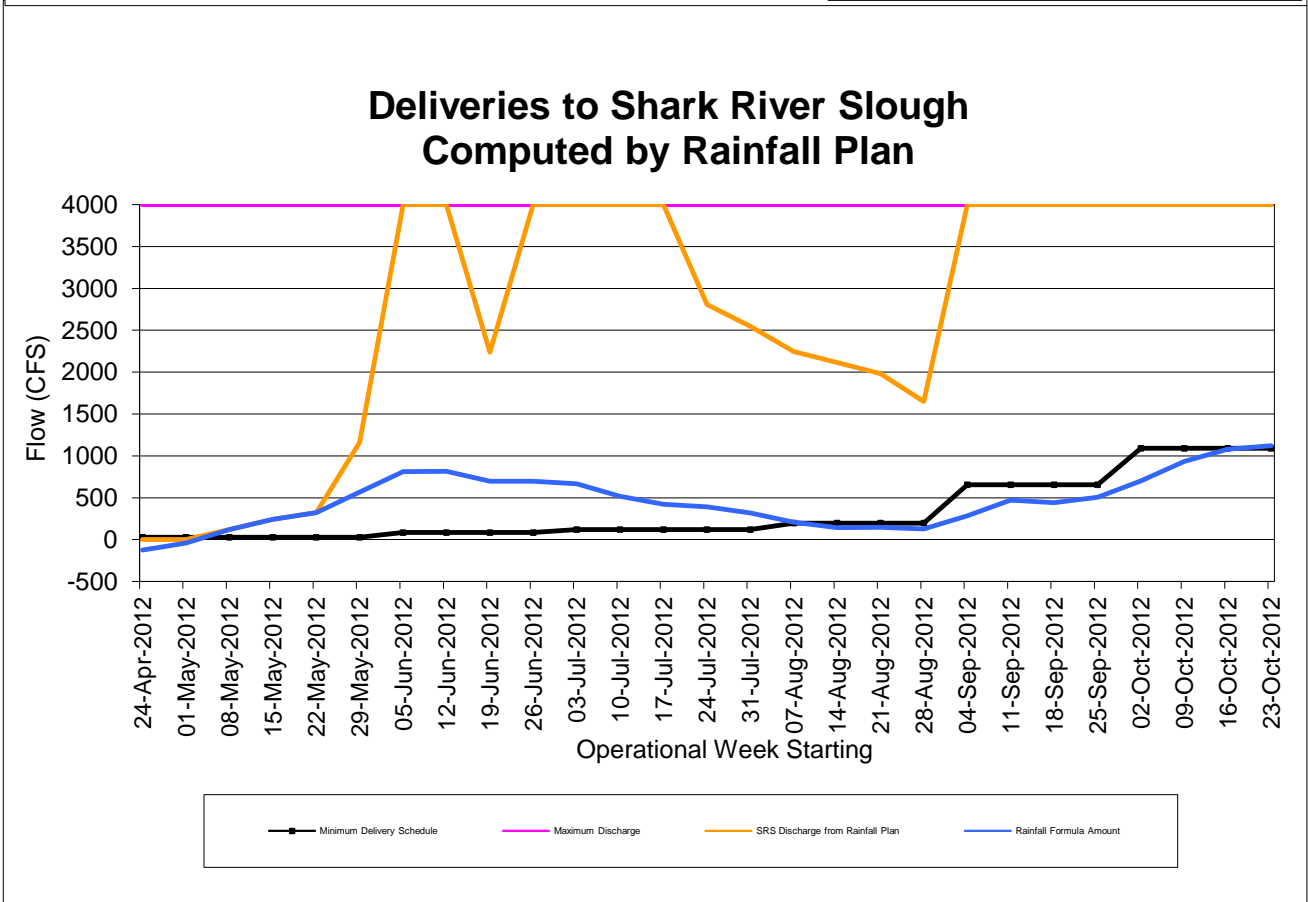
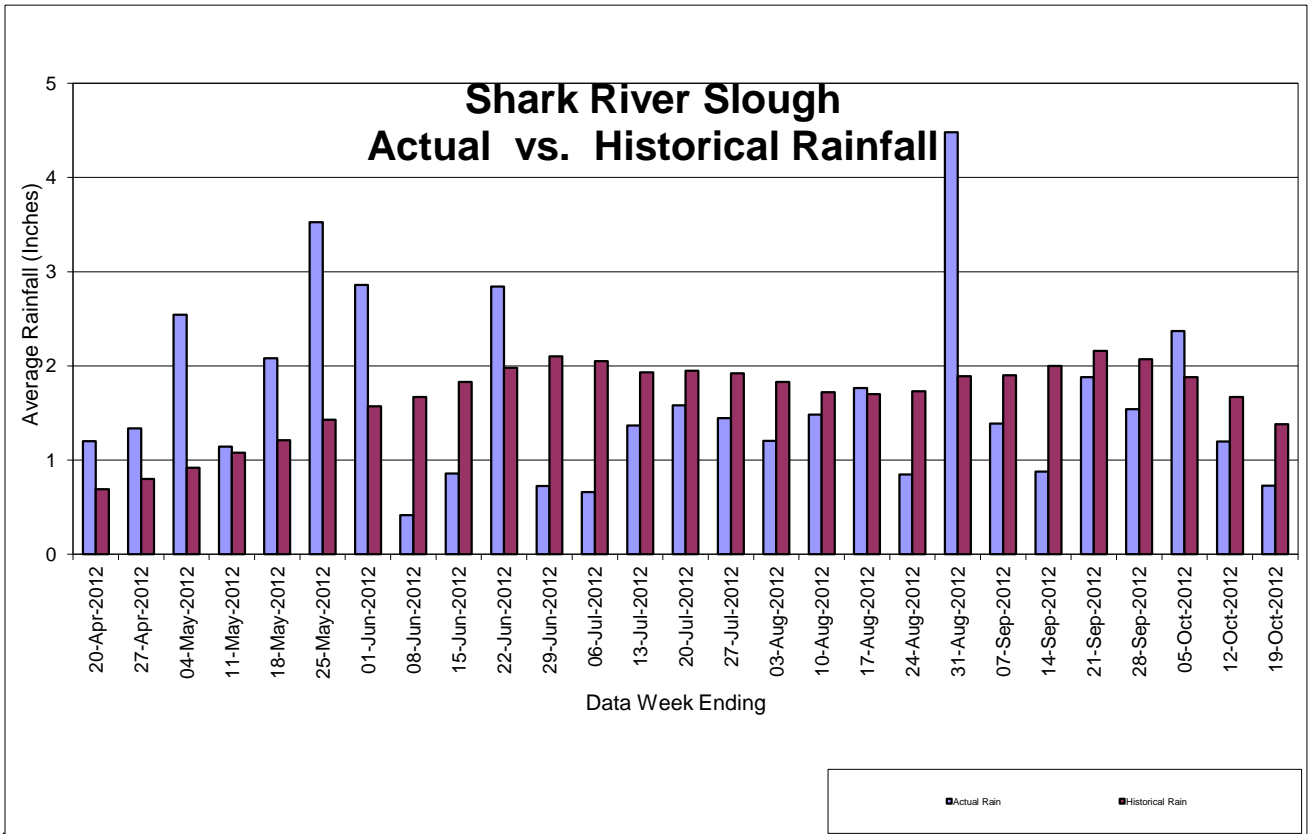
----- **Statistical Parameters** -----

Rainfall Formula Amount 1121 cfs
 Last Week's Rainfall Formula 1078 cfs
 Pre-Project Mean Discharge 1229 cfs

Rainfall Excess Terms
 RL1 -1.35 RL2 -1.76 RL3 0.99

COMMENT: S7 evap data and S140 evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **October 16, 2012** to **October 22, 2012** **MAX** cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- **Data Summary** ----- **October 5, 2012** to **October 12, 2012**
 WCA-3A Stage (end of week) 11.59 ft. msl
 Angel's 7.10 ft. msl
 G3273 7.29 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.20	1.31
S-140		1.32
ENP		M

This Week's Avg	1.20	1.31
Pre-Project Avg	1.67	1.16

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.71 feet
 Distance to Bottom of Regulatory Zone -0.84 feet

----- **Statistical Parameters** -----

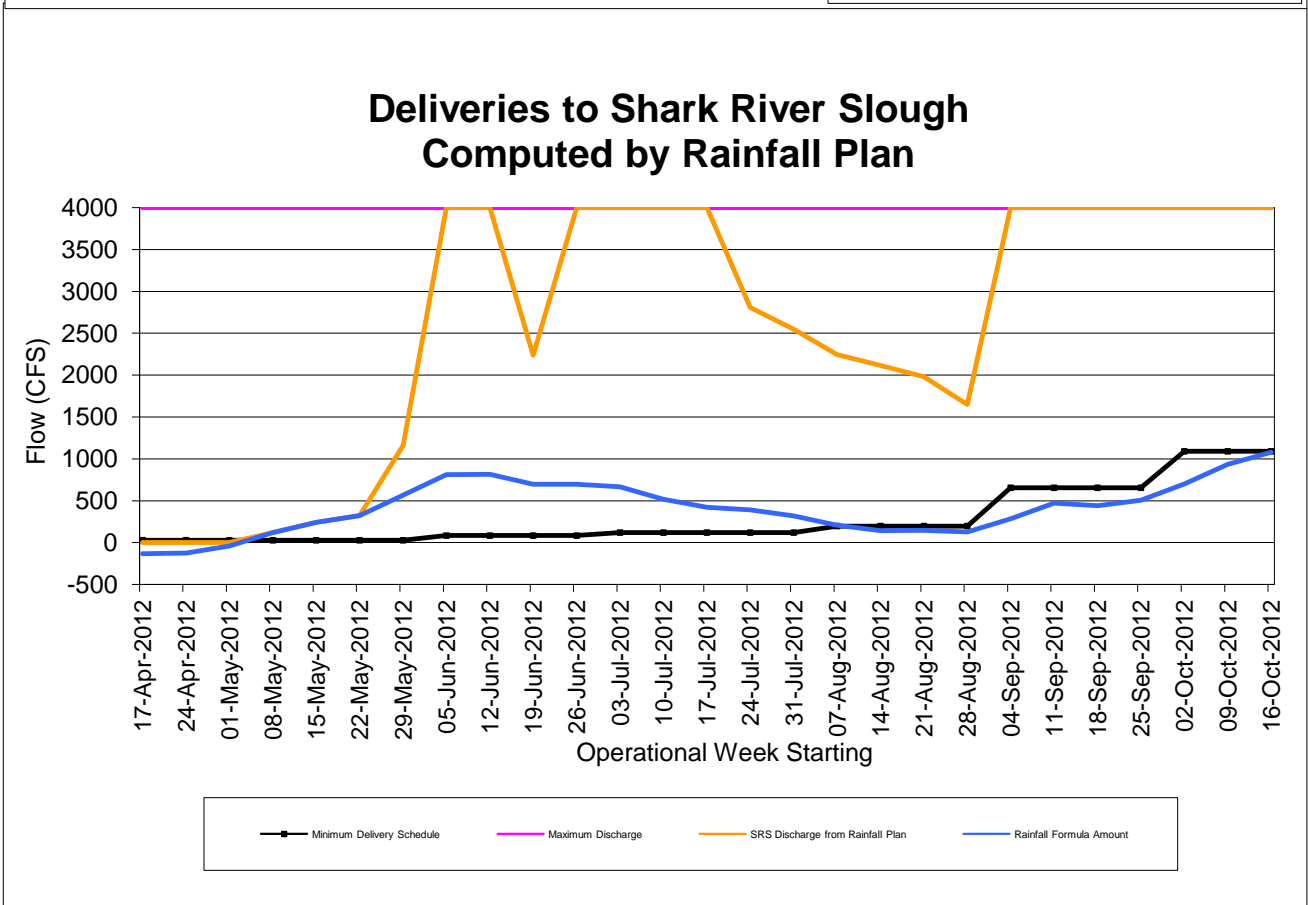
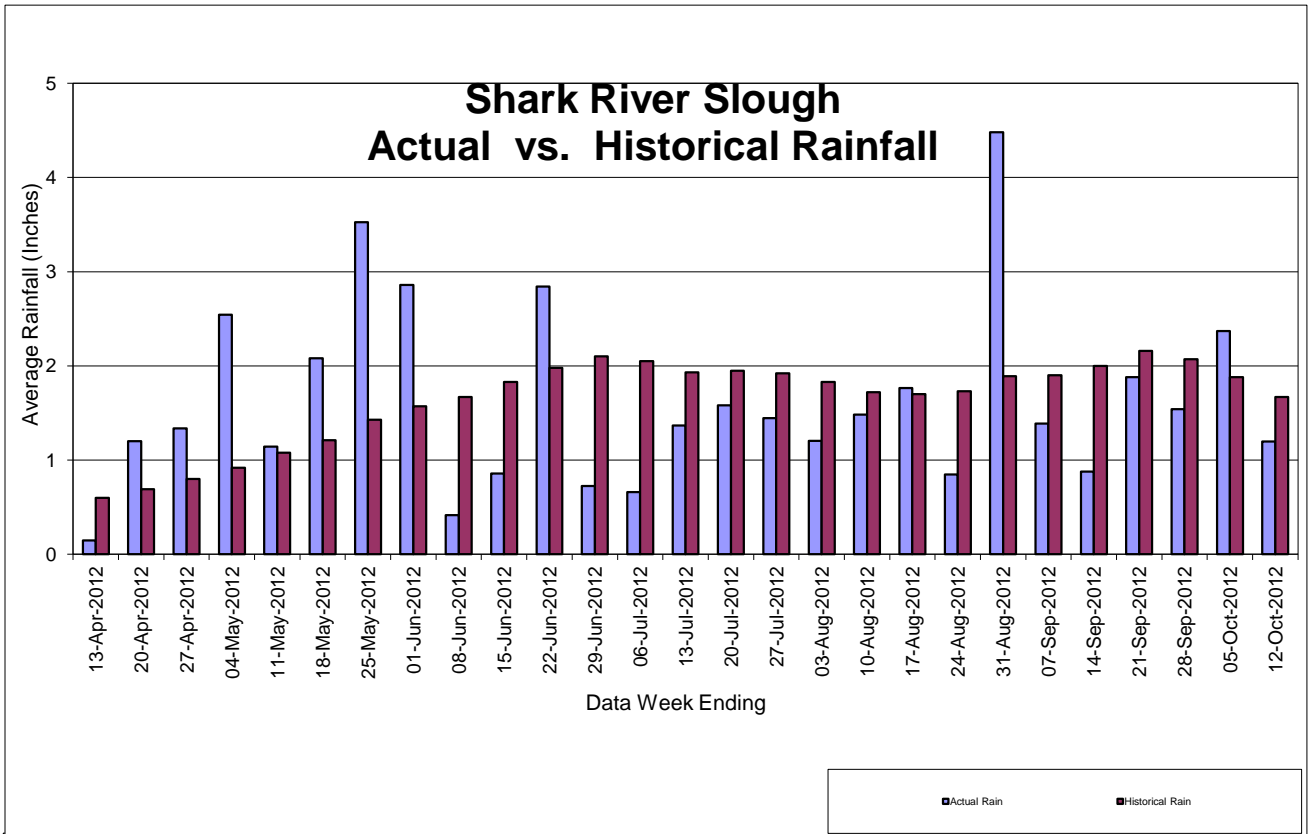
Rainfall Formula Amount 1078 cfs
 Last Week's Rainfall Formula 933 cfs
 Pre-Project Mean Discharge 1130 cfs

Rainfall Excess Terms

RL1 -0.15	RL2 -2.81	RL3 1.38
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COMMENT: S7 evap data and S140 evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **October 9, 2012** to **October 15, 2012** **MAX** cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- **Data Summary** ----- **September 28, 2012** to **October 5, 2012**
 WCA-3A Stage (end of week) 11.53 ft. msl
 Angel's 7.21 ft. msl
 G3273 7.30 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	2.37	1.33
S-140		1.22
ENP		M

This Week's Avg	2.37	1.27
Pre-Project Avg	1.88	1.21

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.69 feet
 Distance to Bottom of Regulatory Zone -0.78 feet

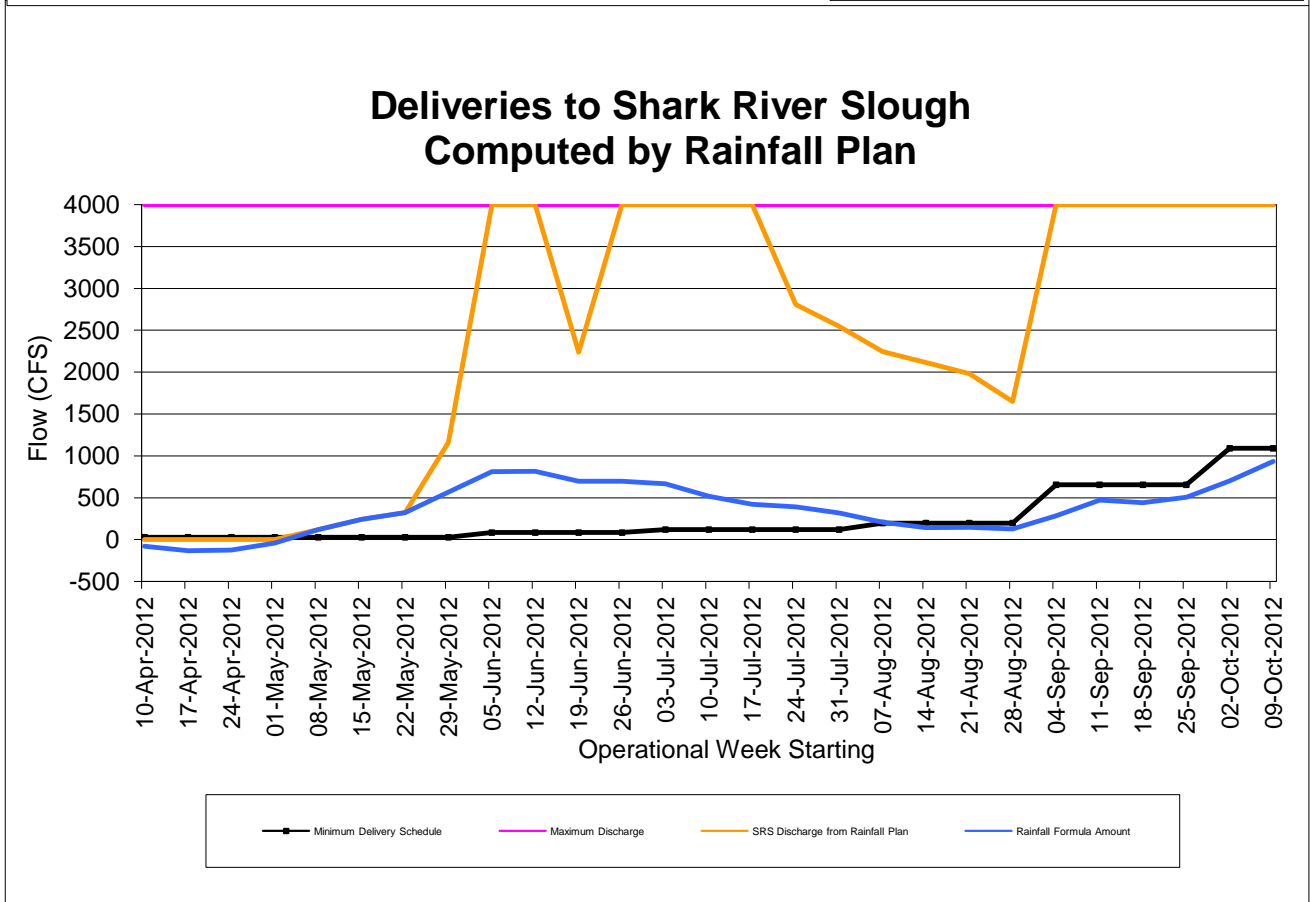
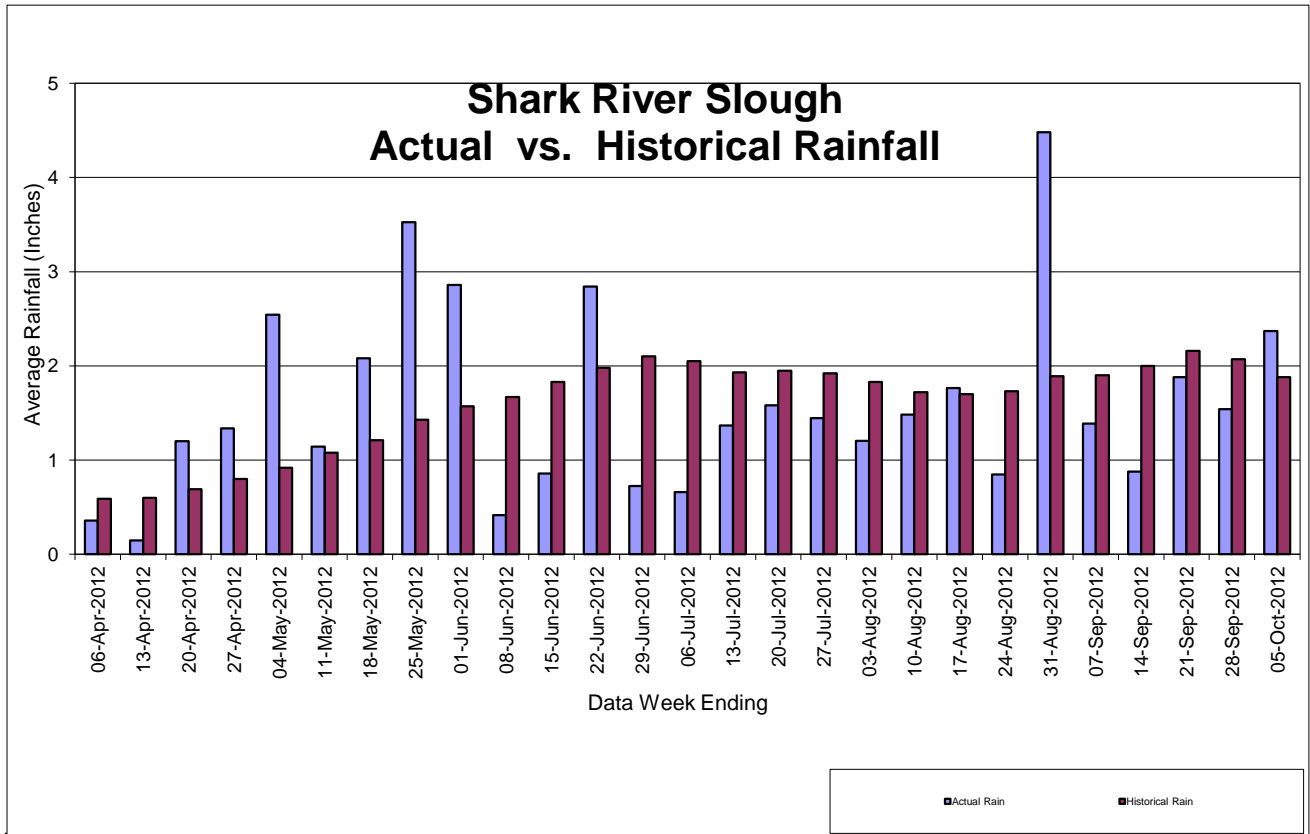
----- **Statistical Parameters** -----

Rainfall Formula Amount 933 cfs
 Last Week's Rainfall Formula 703 cfs
 Pre-Project Mean Discharge 995 cfs

Rainfall Excess Terms
RL1 0.09 RL2 0.07 RL3 -2.33

COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **October 2, 2012** to **October 8, 2012** **MAX** cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- **Data Summary** ----- **September 21, 2012** to **September 28, 2012**
 WCA-3A Stage (end of week) 11.33 ft. msl
 Angel's 7.02 ft. msl
 G3273 7.20 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.54	1.15
S-140		0.89
ENP		M

This Week's Avg	1.54	1.02
Pre-Project Avg	2.07	1.25

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.54 feet
 Distance to Bottom of Regulatory Zone -0.58 feet

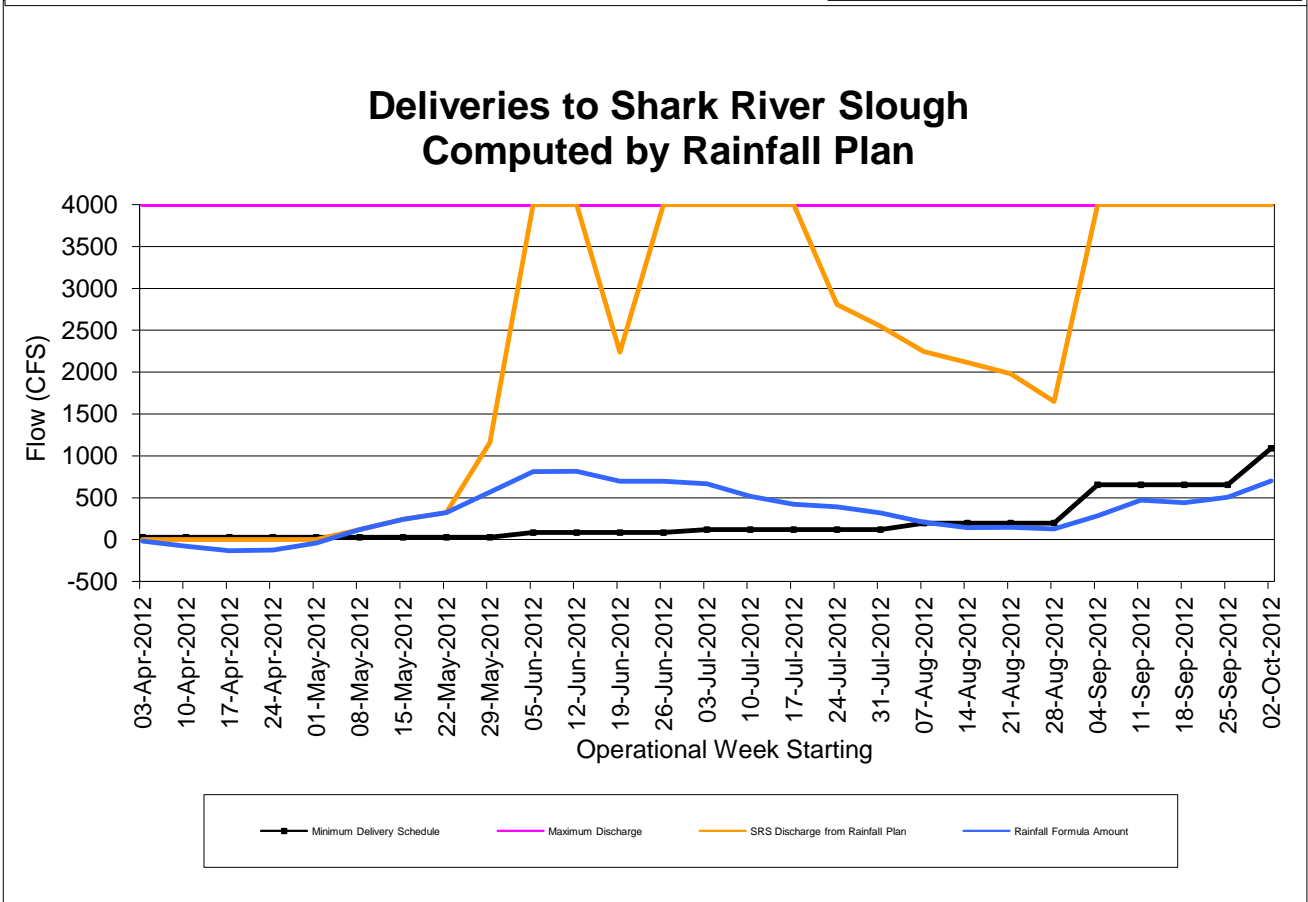
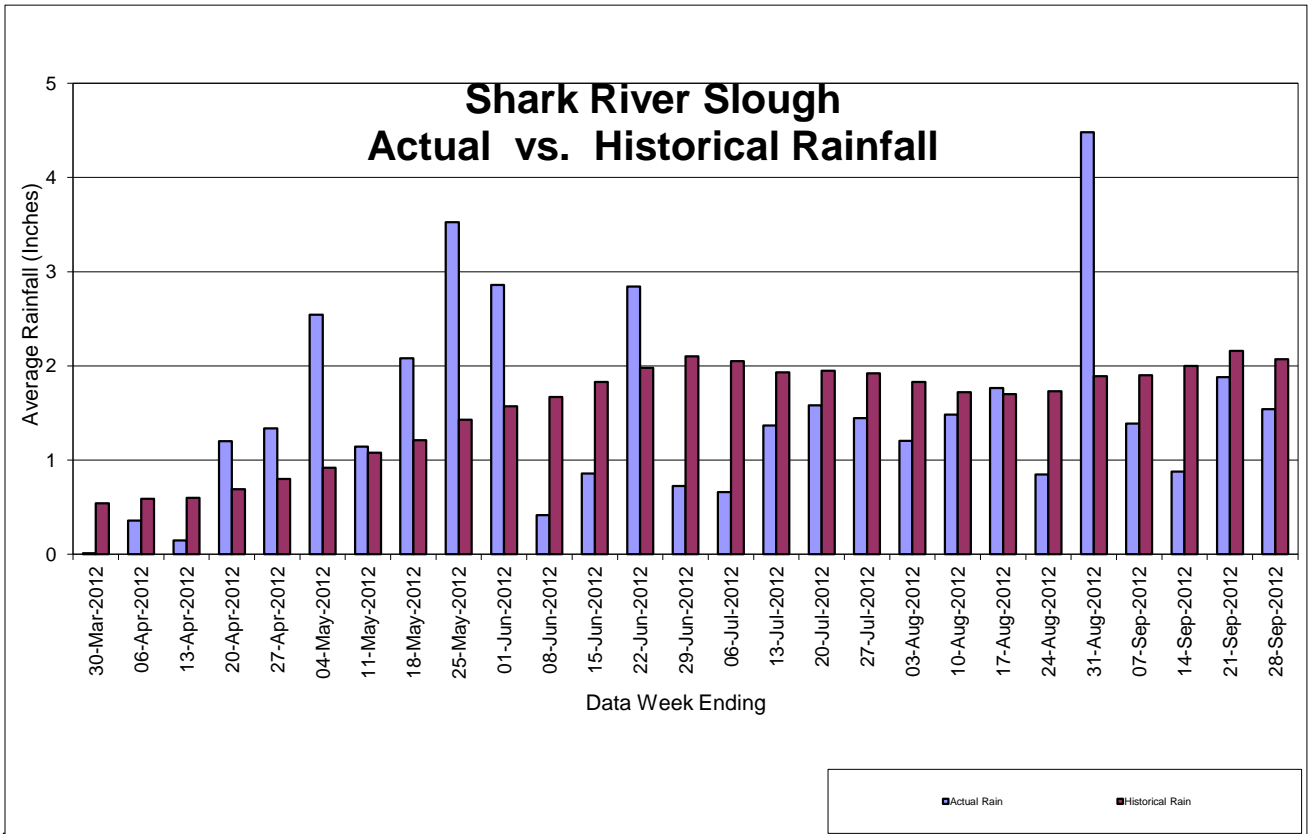
----- **Statistical Parameters** -----

Rainfall Formula Amount 703 cfs
 Last Week's Rainfall Formula 506 cfs
 Pre-Project Mean Discharge 779 cfs

Rainfall Excess Terms
 RL1 -0.87 RL2 -0.30 RL3 -2.34

COMMENT: S7 evap data and S140 evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow September 25, 2012 to October 1, 2012 MAX cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- Data Summary ----- September 14, 2012 to September 21, 2012
 WCA-3A Stage (end of week) 11.20 ft. msl
 Angel's 6.68 ft. msl
 G3273 6.99 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.88	1.66
S-140		1.48
ENP		M

	1.88	1.57
This Week's Avg	1.88	1.57
Pre-Project Avg	2.16	1.27

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.45 feet
 Distance to Bottom of Regulatory Zone -0.45 feet

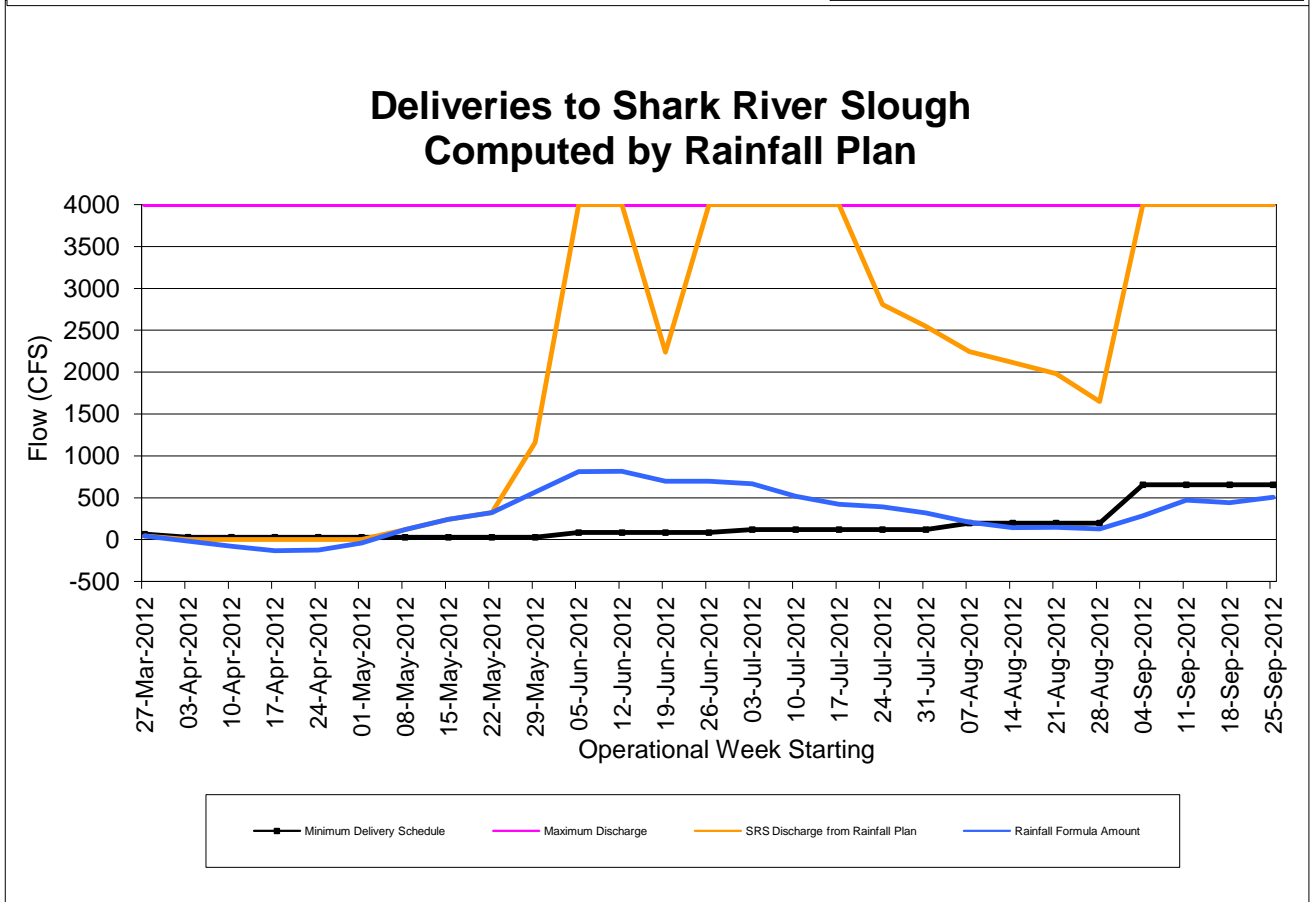
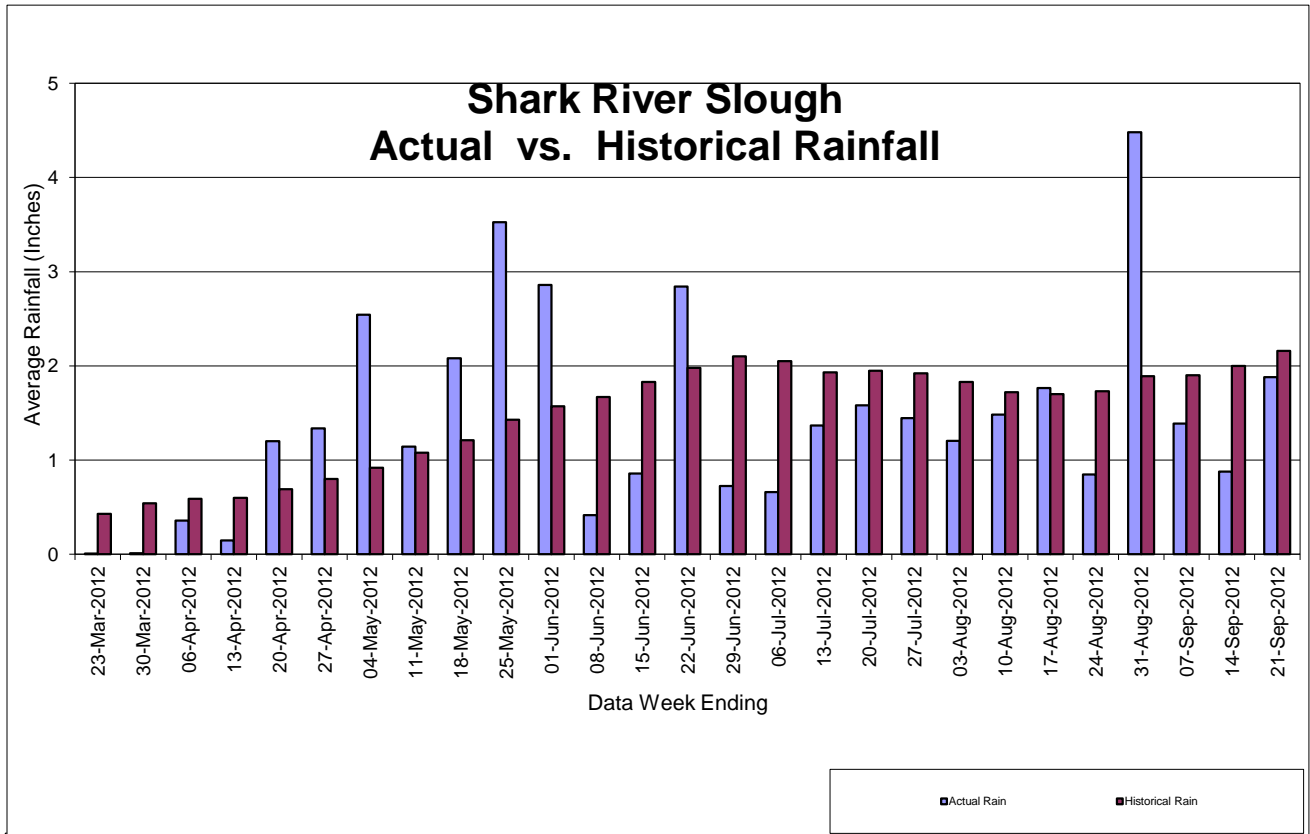
----- Statistical Parameters -----

Rainfall Formula Amount 506 cfs
 Last Week's Rainfall Formula 443 cfs
 Pre-Project Mean Discharge 540 cfs

Rainfall Excess Terms
RL1 -1.85 RL2 0.99 RL3 -2.80

COMMENT: S7 estimated evap data and S140 evap data were used. ENP evap data were missing

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow September 18, 2012 to September 24, 2012 **MAX** cfs

S-12 Discharge **MAX** cfs
 S-333 Discharge **MAX** cfs

----- **Data Summary** ----- **September 7, 2012 to September 14, 2012**
 WCA-3A Stage (end of week) **11.00** ft. msl
 Angel's **6.67** ft. msl
 G3273 **6.98** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.88	1.66
S-140		1.49
ENP		M

This Week's Avg	<hr style="border: 0.5px solid black;"/> 0.88	<hr style="border: 0.5px solid black;"/> 1.57
Pre-Project Avg	2.00	1.31

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is **MAX** cfs
 Distance to Bottom of Transition Zone **-1.30** feet
 Distance to Bottom of Regulatory Zone **-0.30** feet

----- **Statistical Parameters** -----

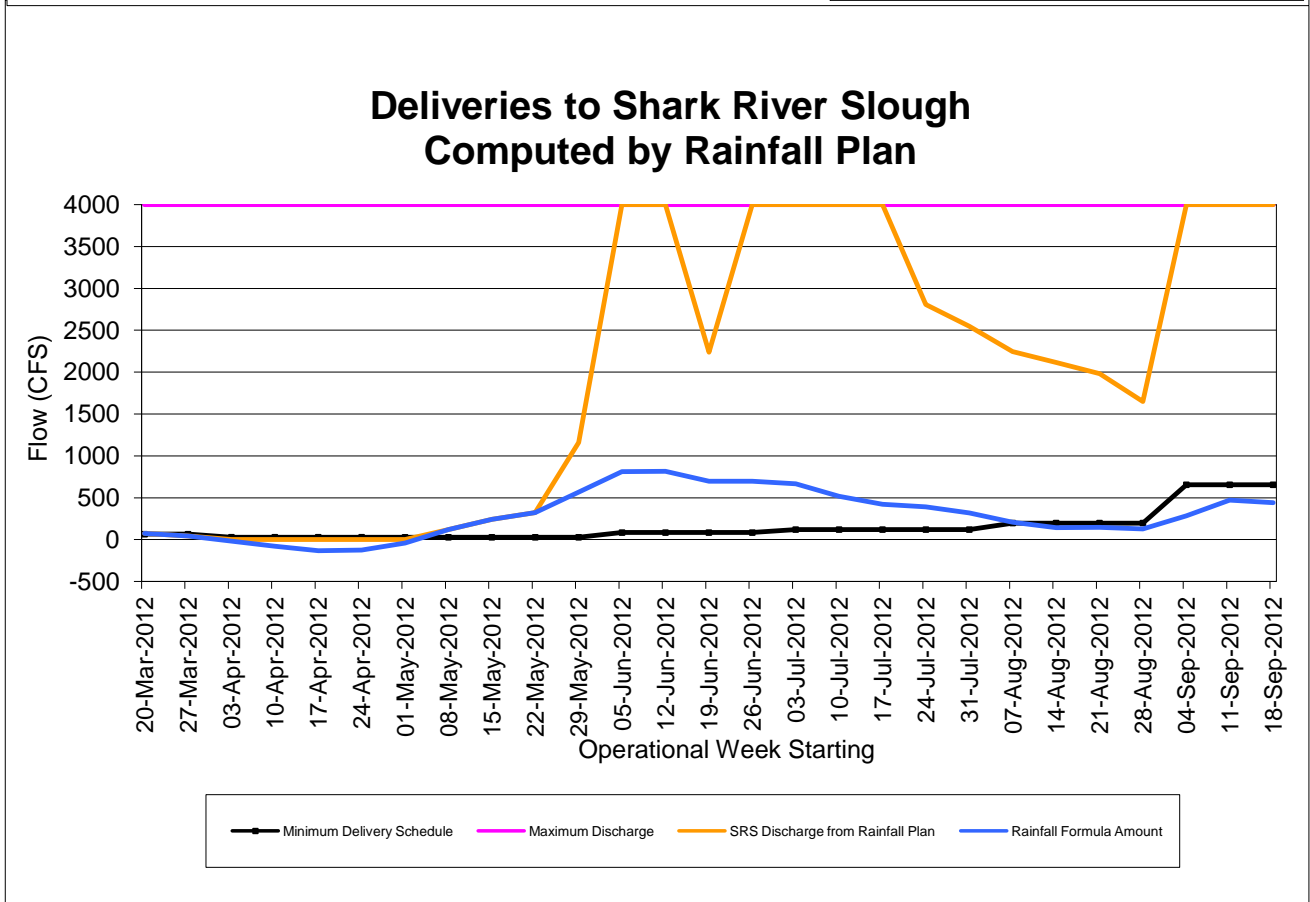
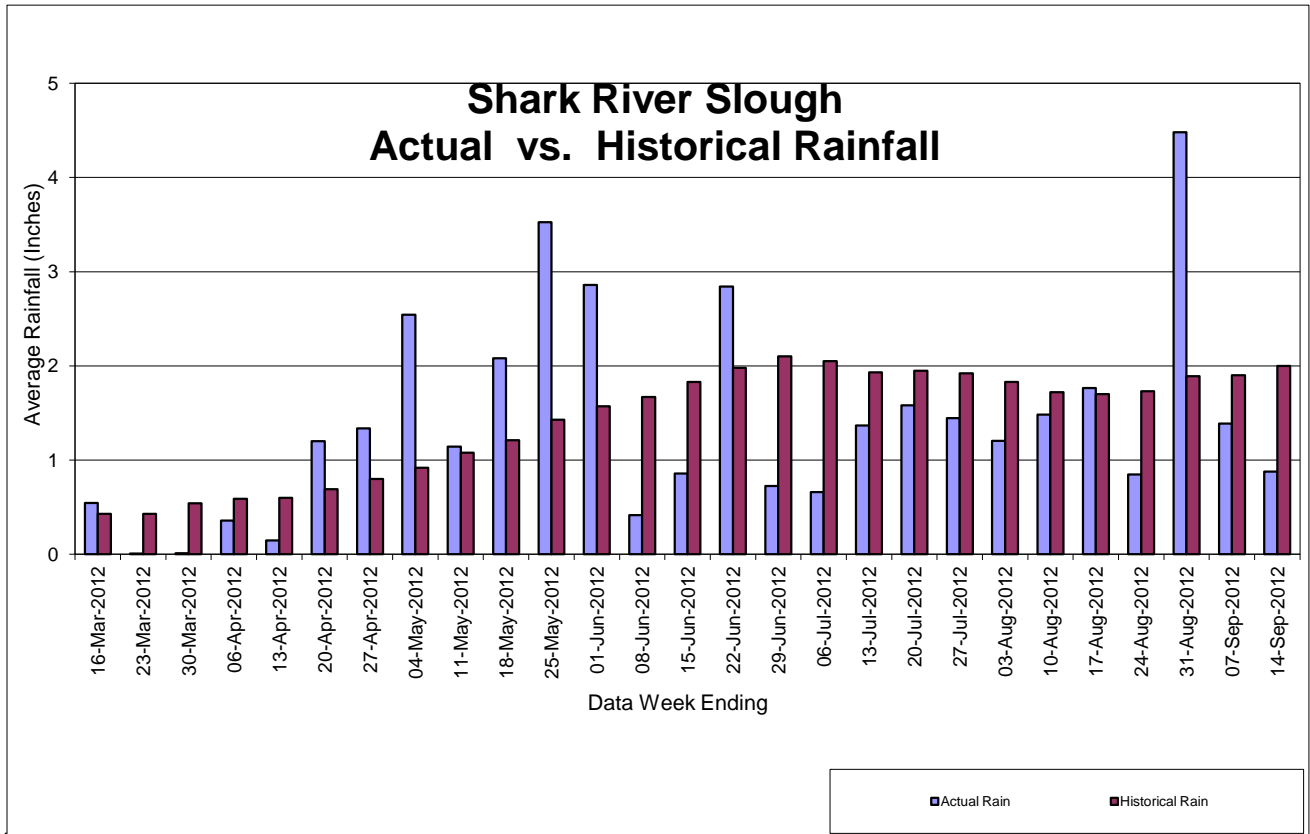
Rainfall Formula Amount **443** cfs
 Last Week's Rainfall Formula **472** cfs
 Pre-Project Mean Discharge **385** cfs

Rainfall Excess Terms

RL1 -1.95	RL2 1.38	RL3 -3.18
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COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow September 11, 2012 to September 17, 2012 **MAX** cfs

S-12 Discharge **MAX** cfs
 S-333 Discharge **MAX** cfs

----- **Data Summary** ----- **August 31, 2012 to September 7, 2012**
 WCA-3A Stage (end of week) **10.81** ft. msl
 Angel's **6.94** ft. msl
 G3273 **7.10** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.39	1.51

S-140		1.43
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ENP		M
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This Week's Avg	1.39	1.47
Pre-Project Avg	1.90	1.34

----- **Transition Zone Information** -----

WCA-3A is in Zone A

Supplemental discharge is	MAX	cfs
Distance to Bottom of Transition Zone		-1.16 feet
Distance to Bottom of Regulatory Zone		-0.16 feet

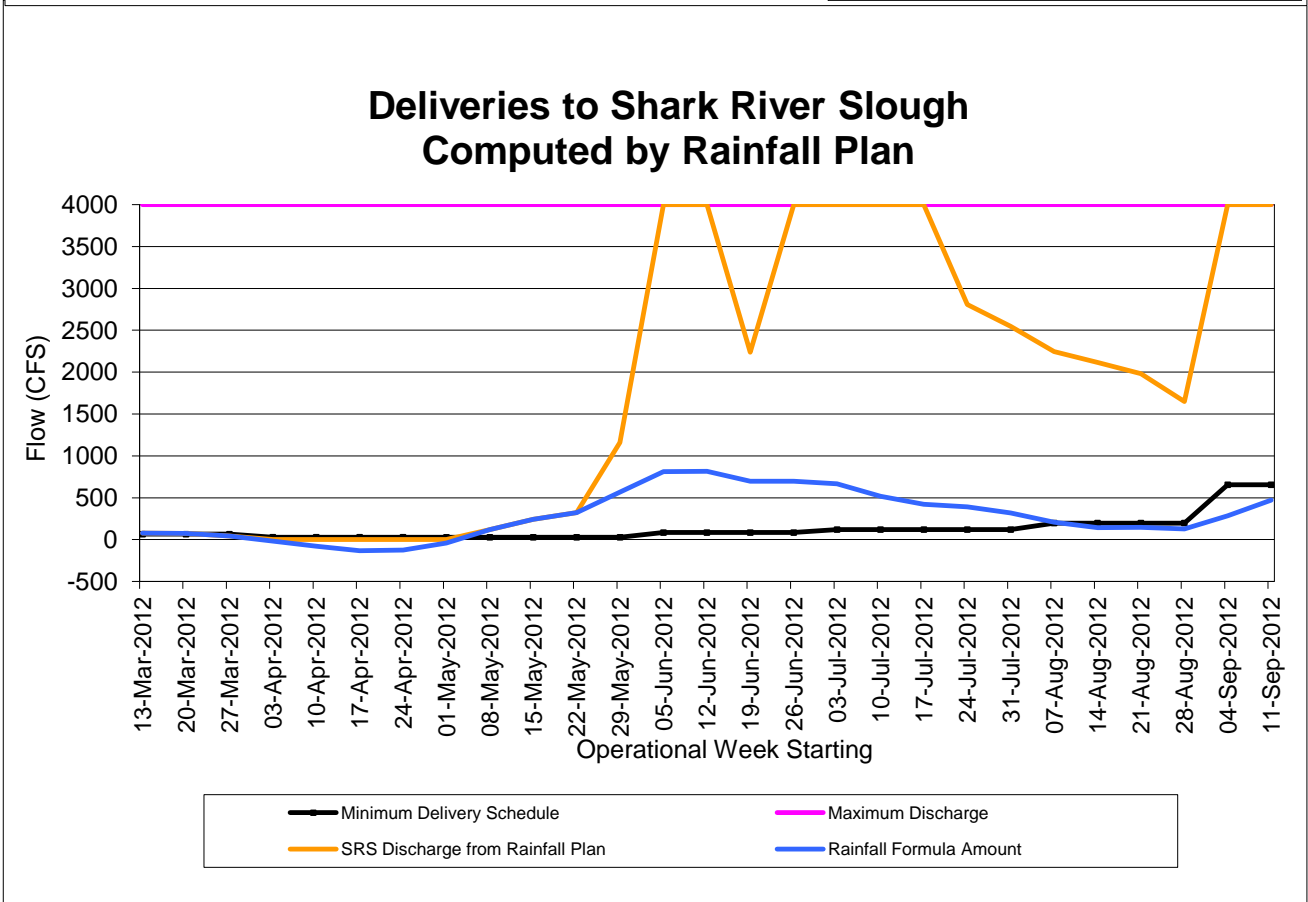
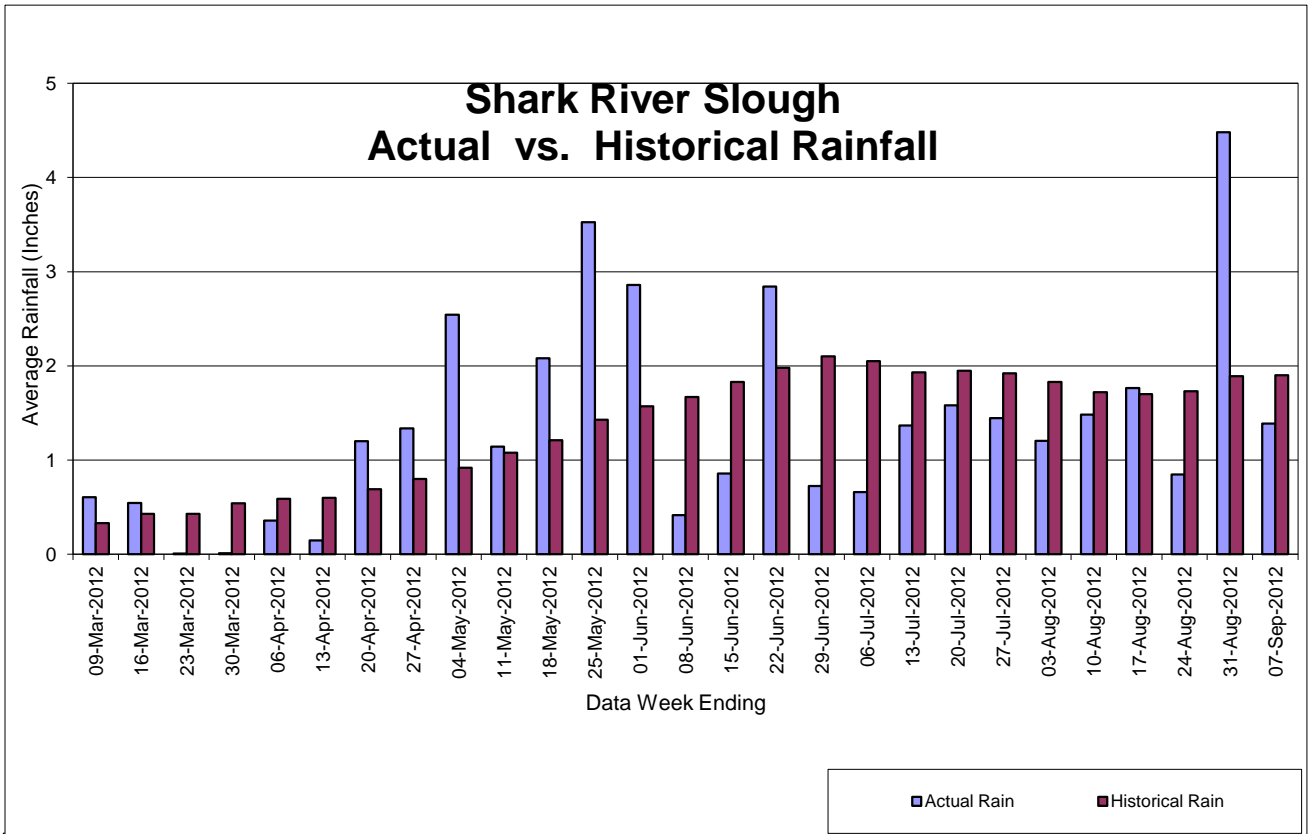
----- **Statistical Parameters** -----

Rainfall Formula Amount	472 cfs
Last Week's Rainfall Formula	286 cfs
Pre-Project Mean Discharge	310 cfs

Rainfall Excess Terms	RL1 1.92	RL2 -2.33	RL3 -3.63
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COMMENT: S7 and S140 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow September 4, 2012 to September 10, 2012 **MAX** cfs

S-12 Discharge **MAX** cfs
 S-333 Discharge **MAX** cfs

----- Data Summary -----
 WCA-3A Stage (end of week) **10.61** to **August 31, 2012** ft. msl
 Angel's **7.12** ft. msl
 G3273 **7.17** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	4.48	1.65
S-140		1.21
ENP		M

This Week's Avg	4.48	1.43
Pre-Project Avg	1.89	1.36

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is **MAX** cfs
 Distance to Bottom of Transition Zone **-1.00** feet
 Distance to Bottom of Regulatory Zone **0.00** feet

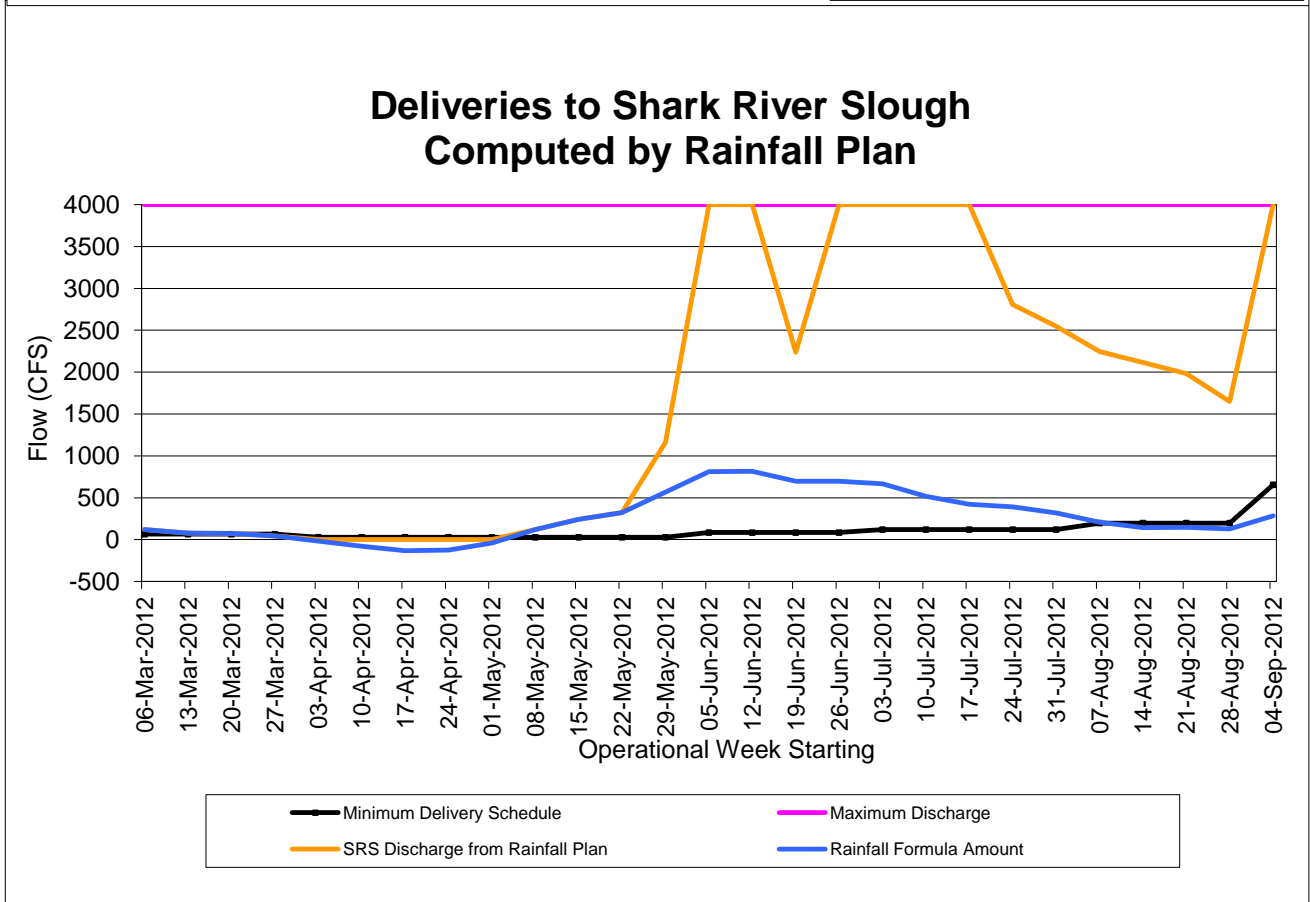
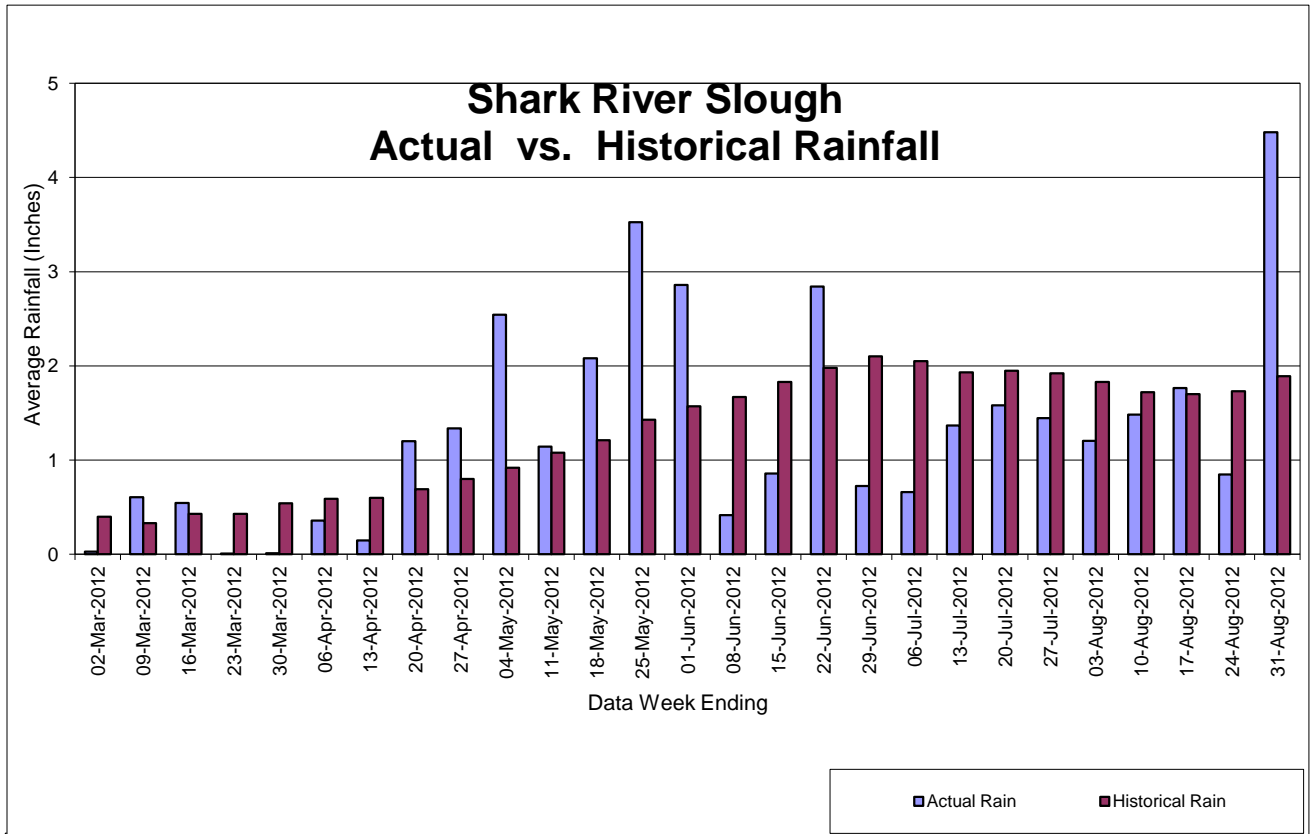
----- Statistical Parameters -----

Rainfall Formula Amount **286** cfs
 Last Week's Rainfall Formula **128** cfs
 Pre-Project Mean Discharge **257** cfs

Rainfall Excess Terms
 RL1 **1.64** RL2 **-2.34** RL3 **-4.24**

COMMENT: S7 and S140 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow August 28, 2012 to September 3, 2012 1648 cfs

S-12 Discharge 741 cfs
 S-333 Discharge 906 cfs

----- Data Summary -----
 August 17, 2012 to August 24, 2012
 WCA-3A Stage (end of week) 10.17 ft. msl
 Angel's 6.54 ft. msl
 G3273 6.91 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.85	1.63
S-140		1.20
ENP		M

This Week's Avg	0.85	1.41
Pre-Project Avg	1.73	1.40

----- Transition Zone Information -----

WCA-3A is in Zone B

Supplemental discharge is 1520 cfs
 Distance to Bottom of Transition Zone -0.61 feet
 Distance to Bottom of Regulatory Zone 0.39 feet

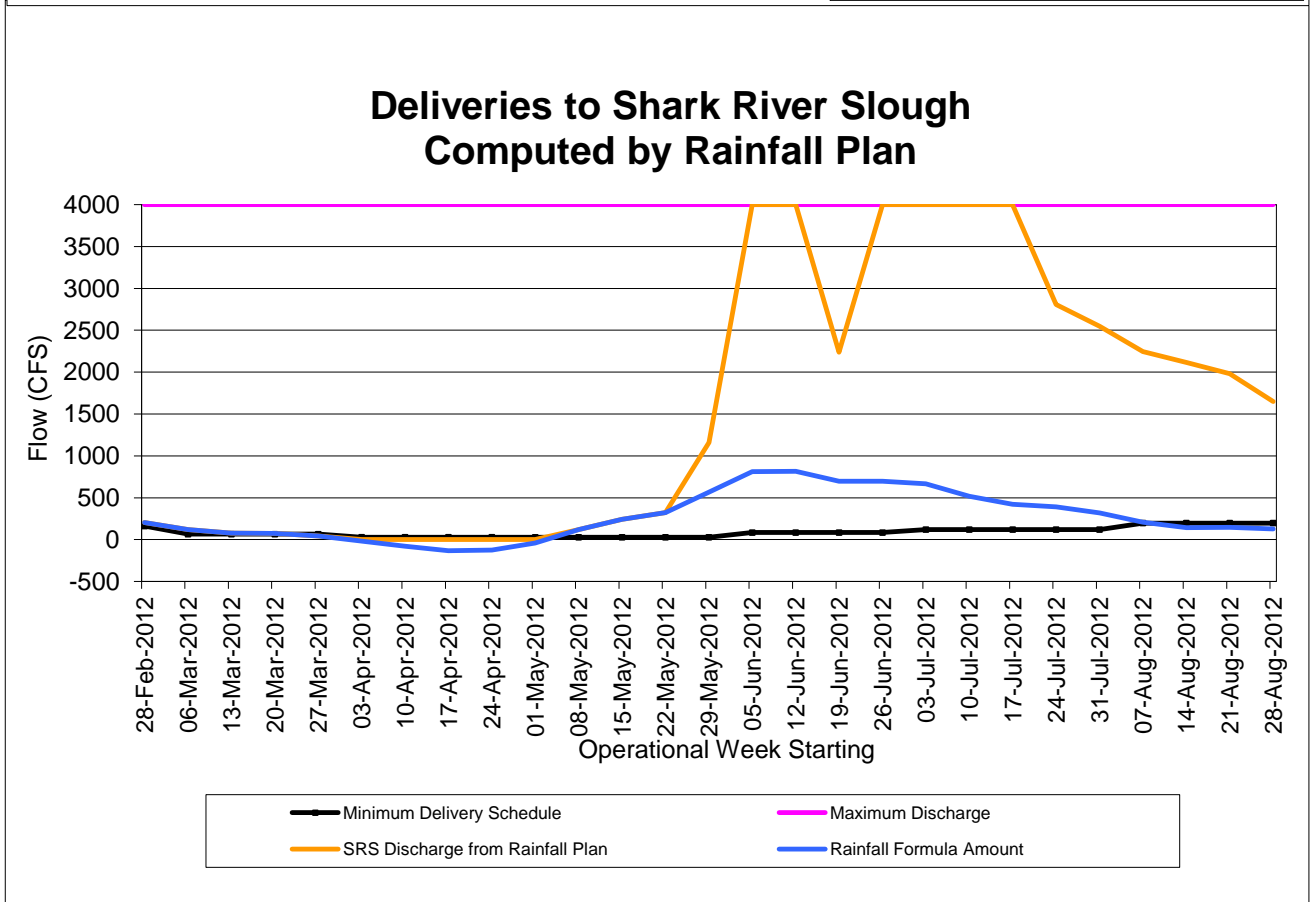
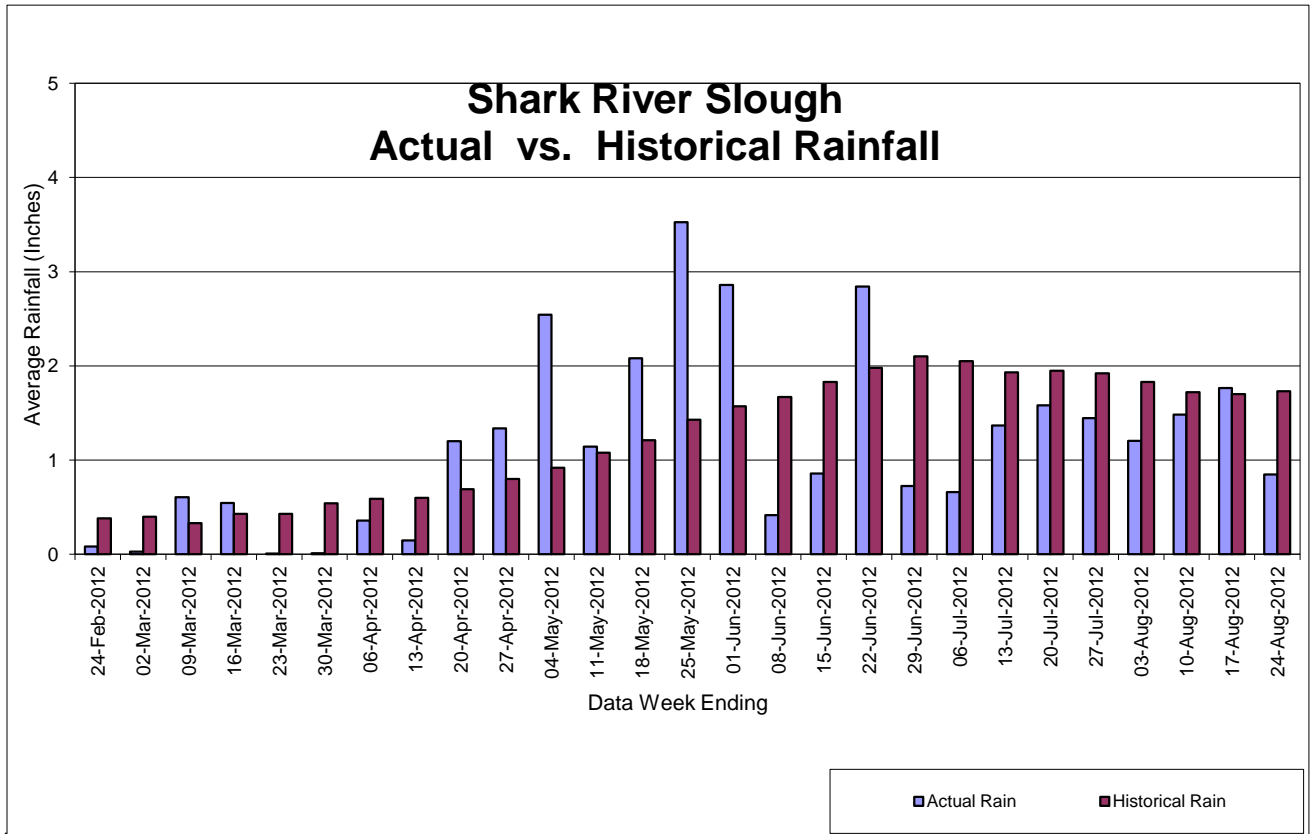
----- Statistical Parameters -----

Rainfall Formula Amount 128 cfs
 Last Week's Rainfall Formula 147 cfs
 Pre-Project Mean Discharge 223 cfs

Rainfall Excess Terms
 RL1 -0.93 RL2 -2.80 RL3 -2.87

COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow August 21, 2012 to August 27, 2012 1981 cfs

S-12 Discharge 892 cfs
 S-333 Discharge 1090 cfs

----- Data Summary -----
 August 10, 2012 to August 17, 2012
 WCA-3A Stage (end of week) 10.25 ft. msl
 Angel's 6.90 ft. msl
 G3273 6.96 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.77	1.25
S-140		1.79
ENP		M

This Week's Avg	1.77	1.52
Pre-Project Avg	1.70	1.39

----- Transition Zone Information -----

WCA-3A is in Zone B

Supplemental discharge is 1834 cfs
 Distance to Bottom of Transition Zone -0.73 feet
 Distance to Bottom of Regulatory Zone 0.27 feet

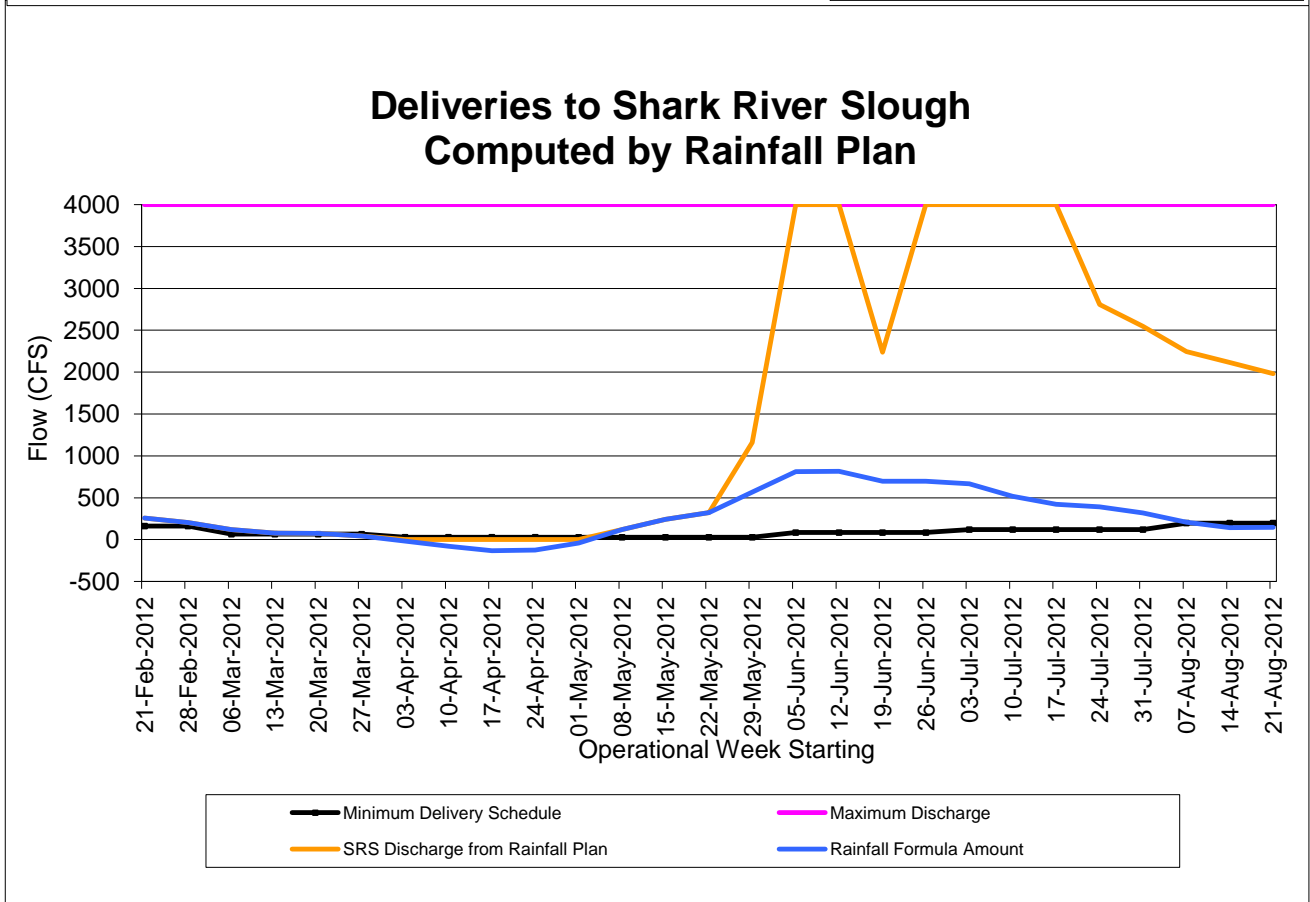
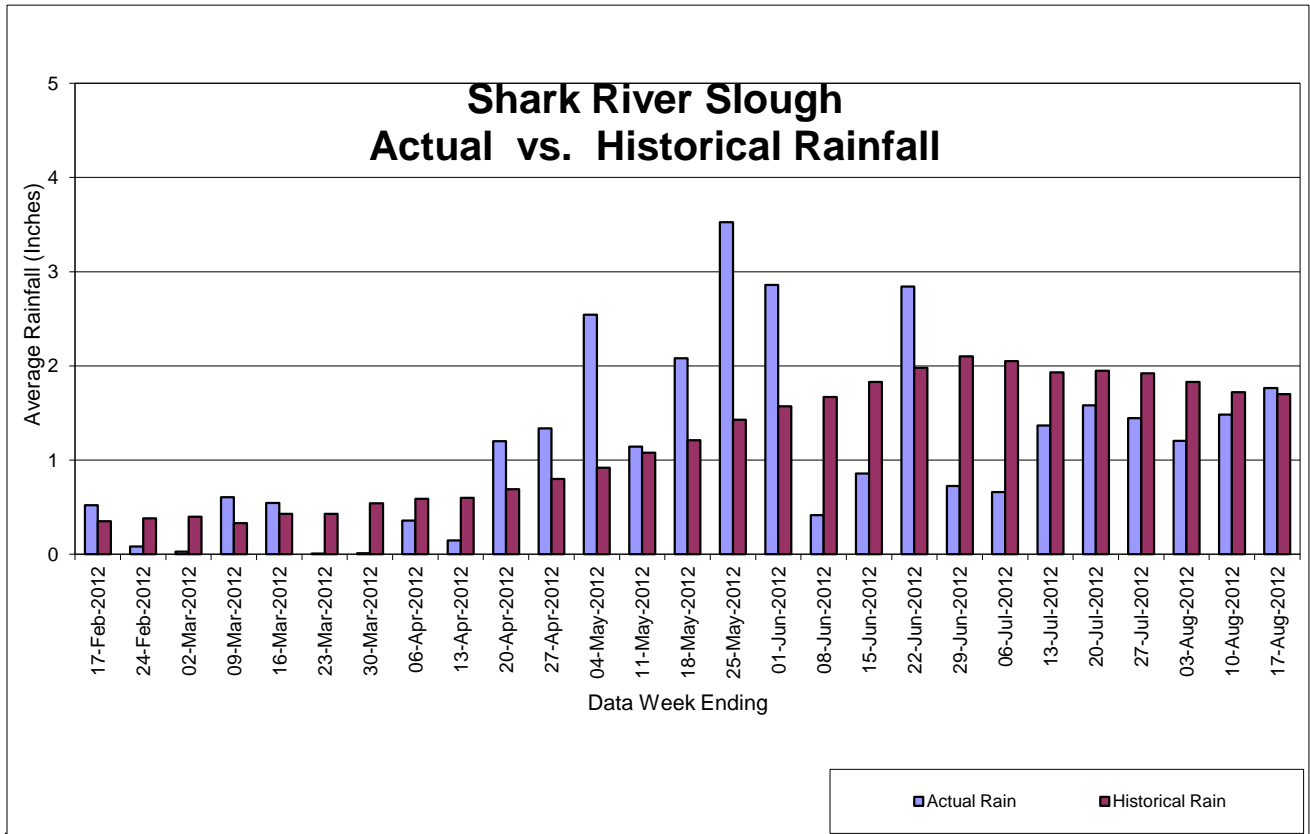
----- Statistical Parameters -----

Rainfall Formula Amount 147 cfs
 Last Week's Rainfall Formula 143 cfs
 Pre-Project Mean Discharge 199 cfs

Rainfall Excess Terms
 RL1 -0.27 RL2 -3.18 RL3 -3.57

COMMENT: S7 and S140 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow August 14, 2012 to August 20, 2012 2117 cfs

S-12 Discharge 953 cfs
 S-333 Discharge 1164 cfs

----- Data Summary -----
 August 3, 2012 to August 10, 2012
 WCA-3A Stage (end of week) 10.26 ft. msl
 Angel's 6.26 ft. msl
 G3273 6.74 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.48	1.30
S-140		1.52
ENP		M

This Week's Avg	1.48	1.41
Pre-Project Avg	1.72	1.42

----- Transition Zone Information -----

WCA-3A is in Zone B

Supplemental discharge is 1974 cfs
 Distance to Bottom of Transition Zone -0.79 feet
 Distance to Bottom of Regulatory Zone 0.21 feet

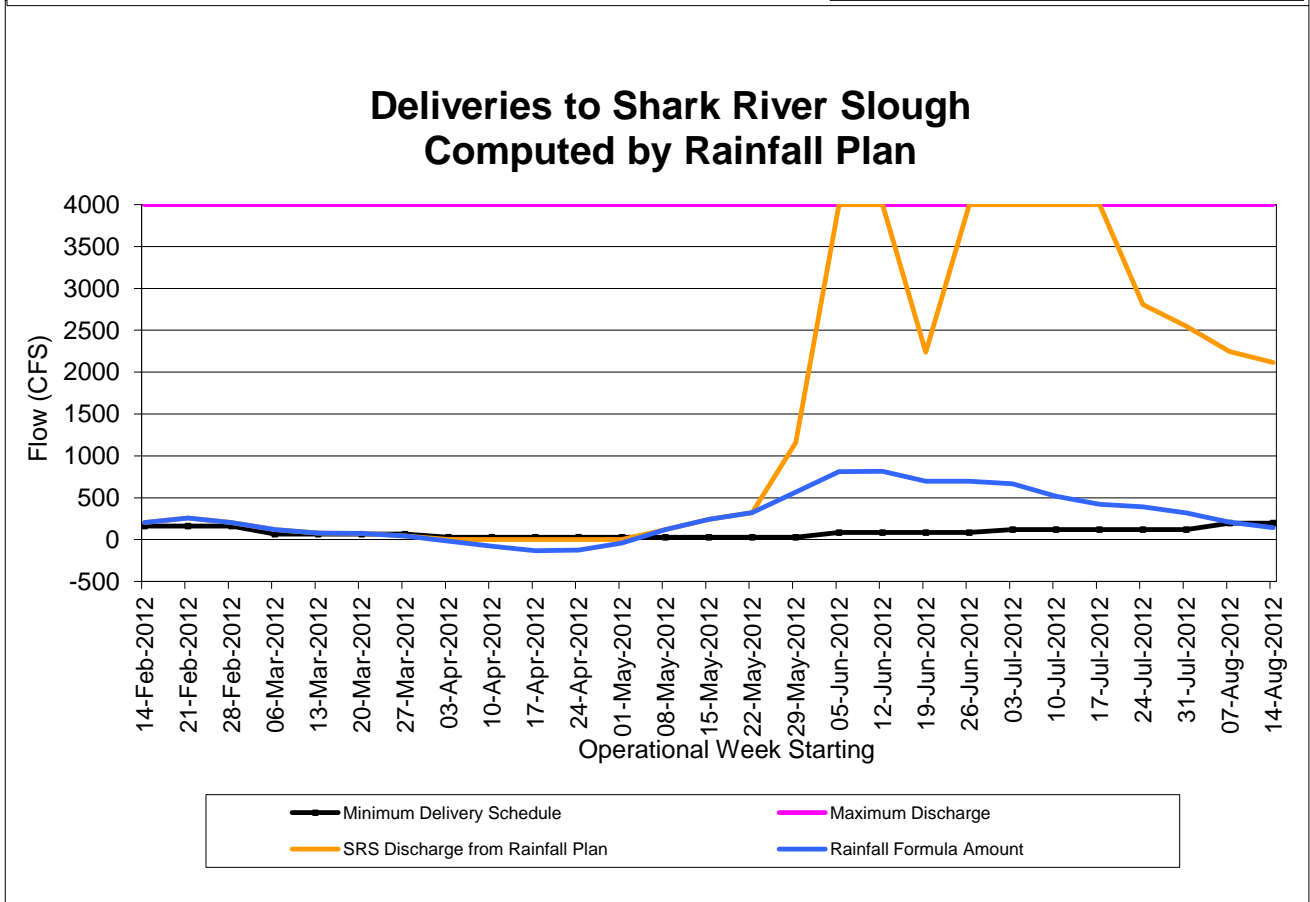
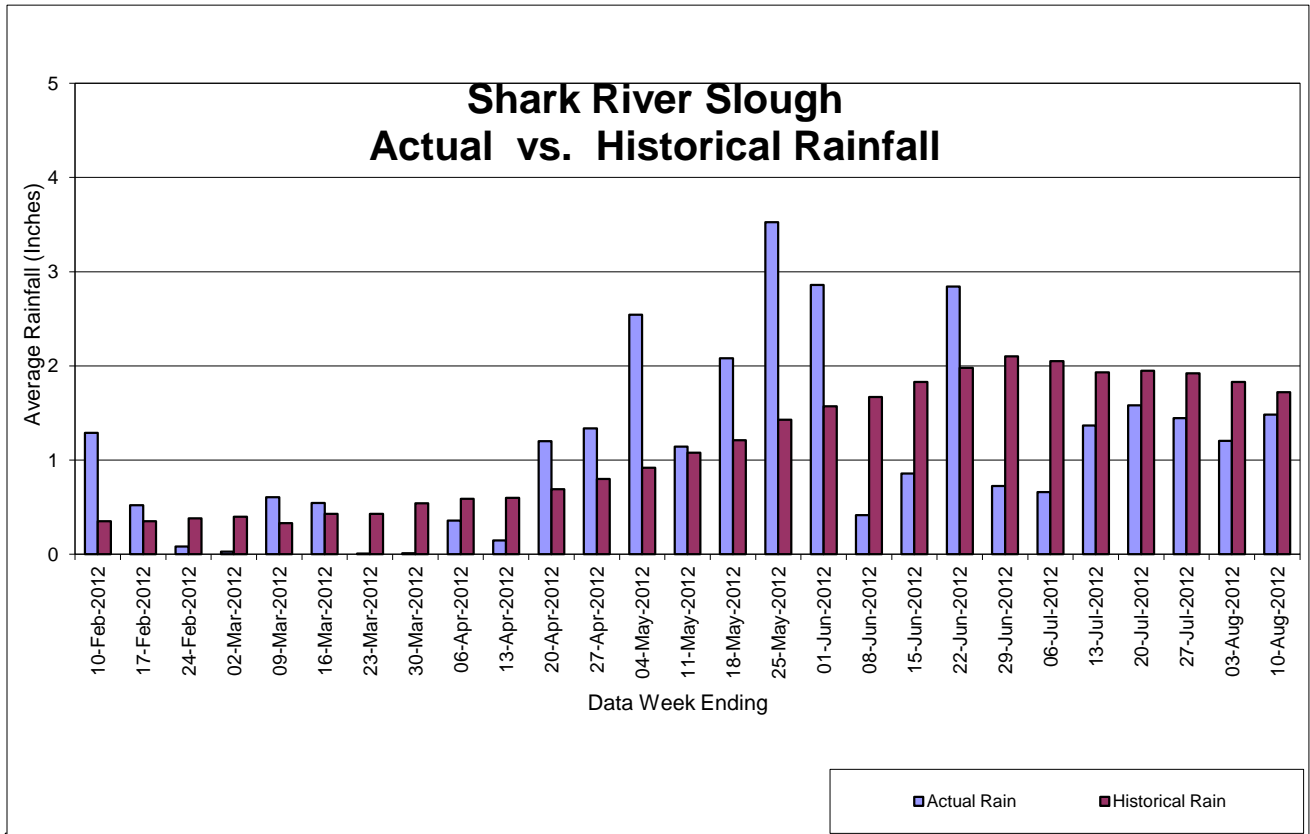
----- Statistical Parameters -----

Rainfall Formula Amount 143 cfs
 Last Week's Rainfall Formula 209 cfs
 Pre-Project Mean Discharge 185 cfs

Rainfall Excess Terms
 RL1 -1.40 RL2 -3.63 RL3 -3.09

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow August 7, 2012 to August 13, 2012 2247 cfs

S-12 Discharge 1011 cfs
 S-333 Discharge 1236 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) July 27, 2012 to August 3, 2012
 Angel's 10.24 ft. msl
 G3273 6.50 ft. msl
6.80 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.21	2.28
S-140		1.91
ENP		M

This Week's Avg	1.21	2.10
Pre-Project Avg	1.83	1.42

----- Transition Zone Information -----

WCA-3A is in Zone B

Supplemental discharge is 2038 cfs
 Distance to Bottom of Transition Zone -0.82 feet
 Distance to Bottom of Regulatory Zone 0.18 feet

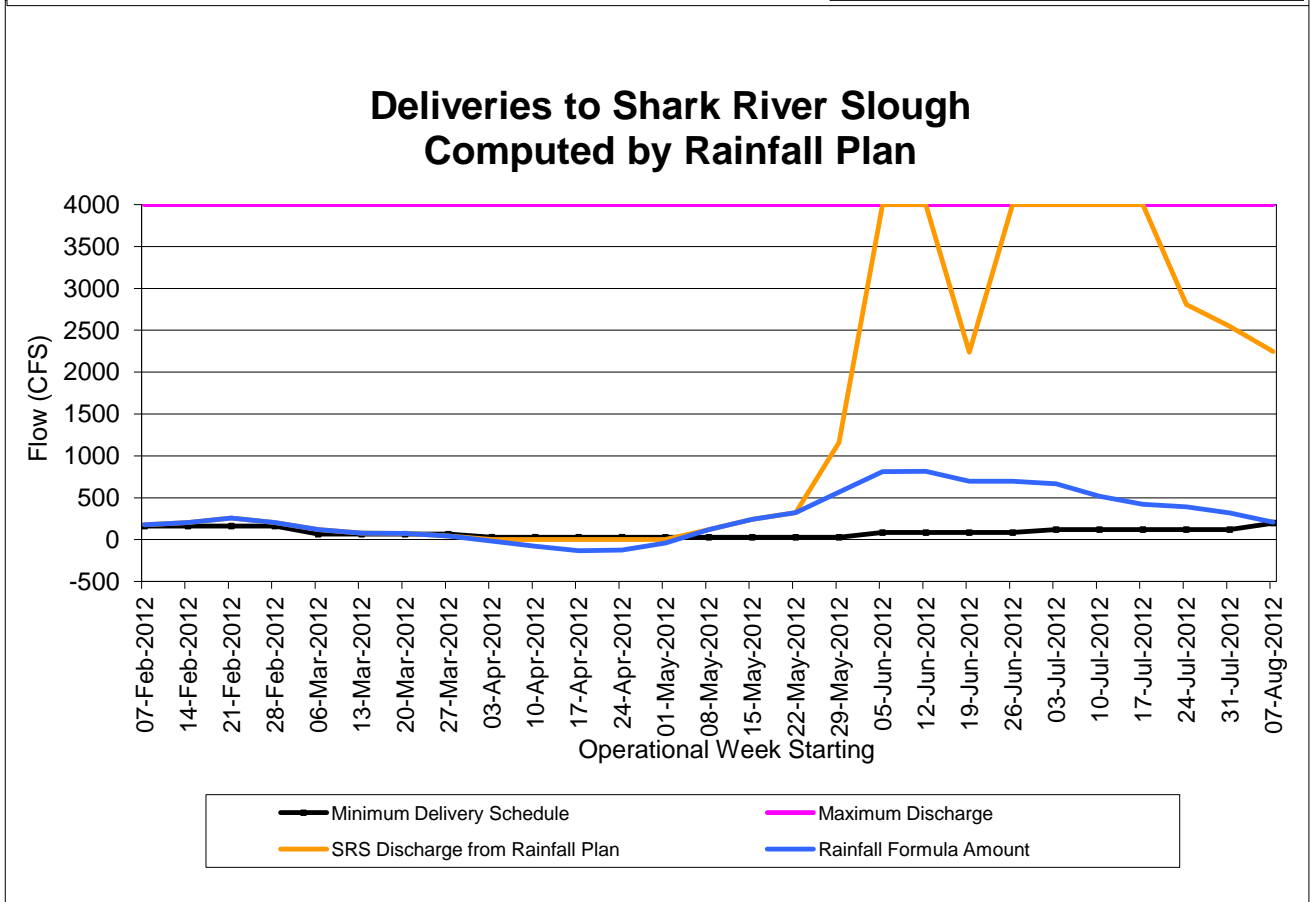
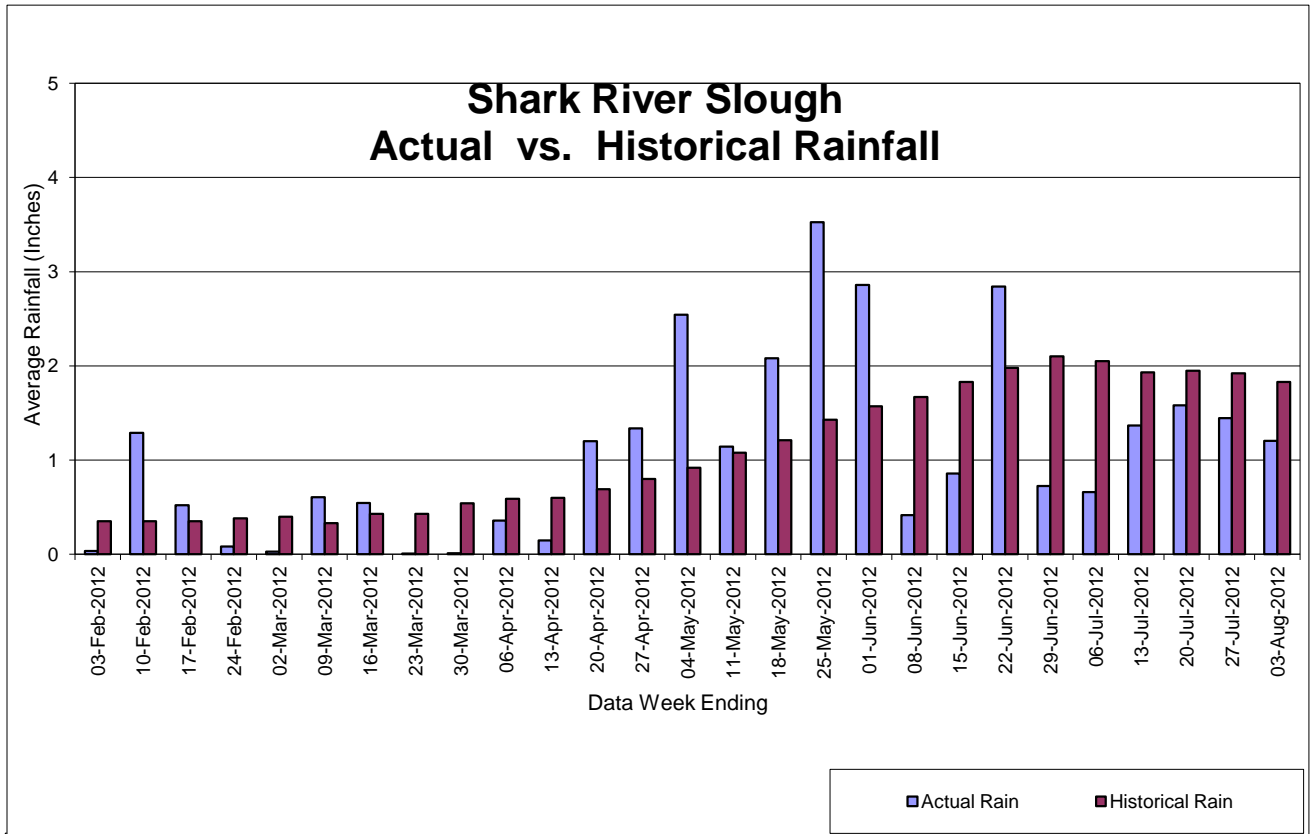
----- Statistical Parameters -----

Rainfall Formula Amount 209 cfs
 Last Week's Rainfall Formula 319 cfs
 Pre-Project Mean Discharge 175 cfs

Rainfall Excess Terms
 RL1 -2.07 RL2 -4.24 RL3 -0.26

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 31, 2012 to August 6, 2012 2546 cfs

S-12 Discharge 1146 cfs
 S-333 Discharge 1400 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) July 20, 2012 to July 27, 2012
 Angel's 10.27 ft. msl
 G3273 6.33 ft. msl
6.81 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.44	1.86
S-140		2.04
ENP		M

This Week's Avg	1.44	1.95
Pre-Project Avg	1.92	1.42

----- Transition Zone Information -----

WCA-3A is in Zone B

Supplemental discharge is 2227 cfs
 Distance to Bottom of Transition Zone -0.89 feet
 Distance to Bottom of Regulatory Zone 0.11 feet

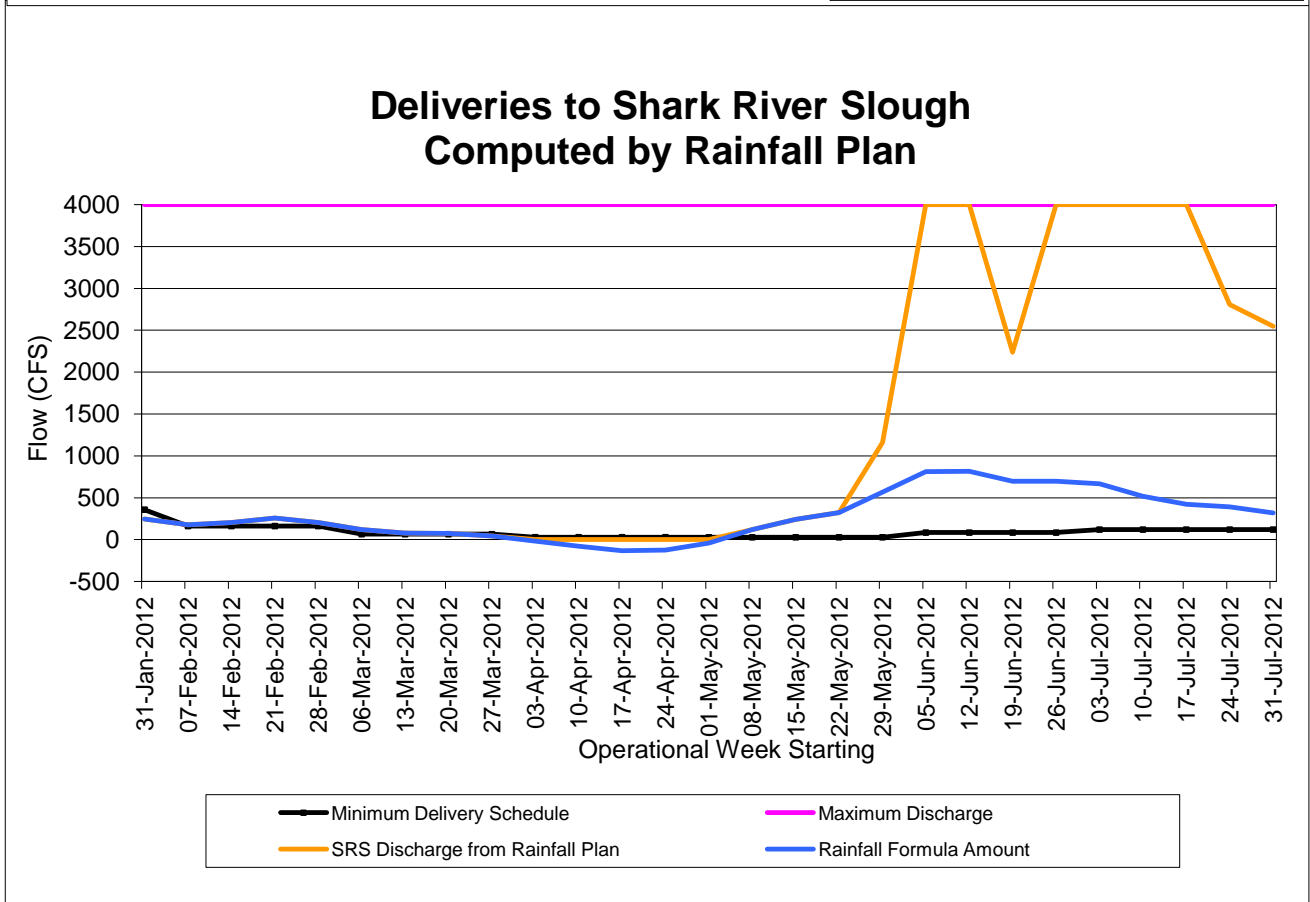
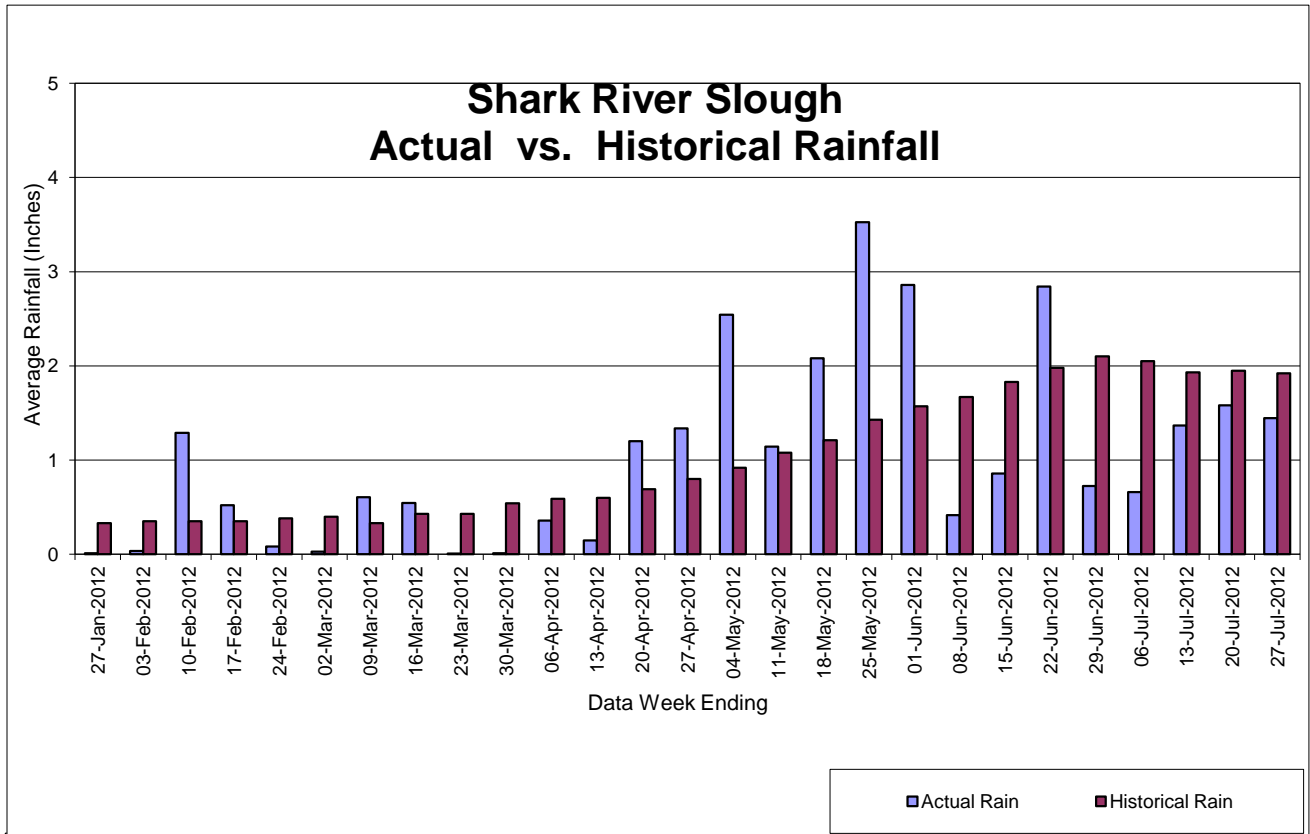
----- Statistical Parameters -----

Rainfall Formula Amount 319 cfs
 Last Week's Rainfall Formula 390 cfs
 Pre-Project Mean Discharge 162 cfs

Rainfall Excess Terms
RL1 -1.41 RL2 -2.87 RL3 1.18

COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 24, 2012 to July 30, 2012 2807 cfs

S-12 Discharge 1263 cfs
 S-333 Discharge 1544 cfs

----- Data Summary -----
 July 13, 2012 to July 20, 2012
 WCA-3A Stage (end of week) 10.30 ft. msl
 Angel's 6.44 ft. msl
 G3273 6.98 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.58	1.72
S-140		1.47
ENP		M

This Week's Avg	1.58	1.60
Pre-Project Avg	1.95	1.43

----- Transition Zone Information -----

WCA-3A is in Zone B

Supplemental discharge is 2417 cfs
 Distance to Bottom of Transition Zone -0.97 feet
 Distance to Bottom of Regulatory Zone 0.03 feet

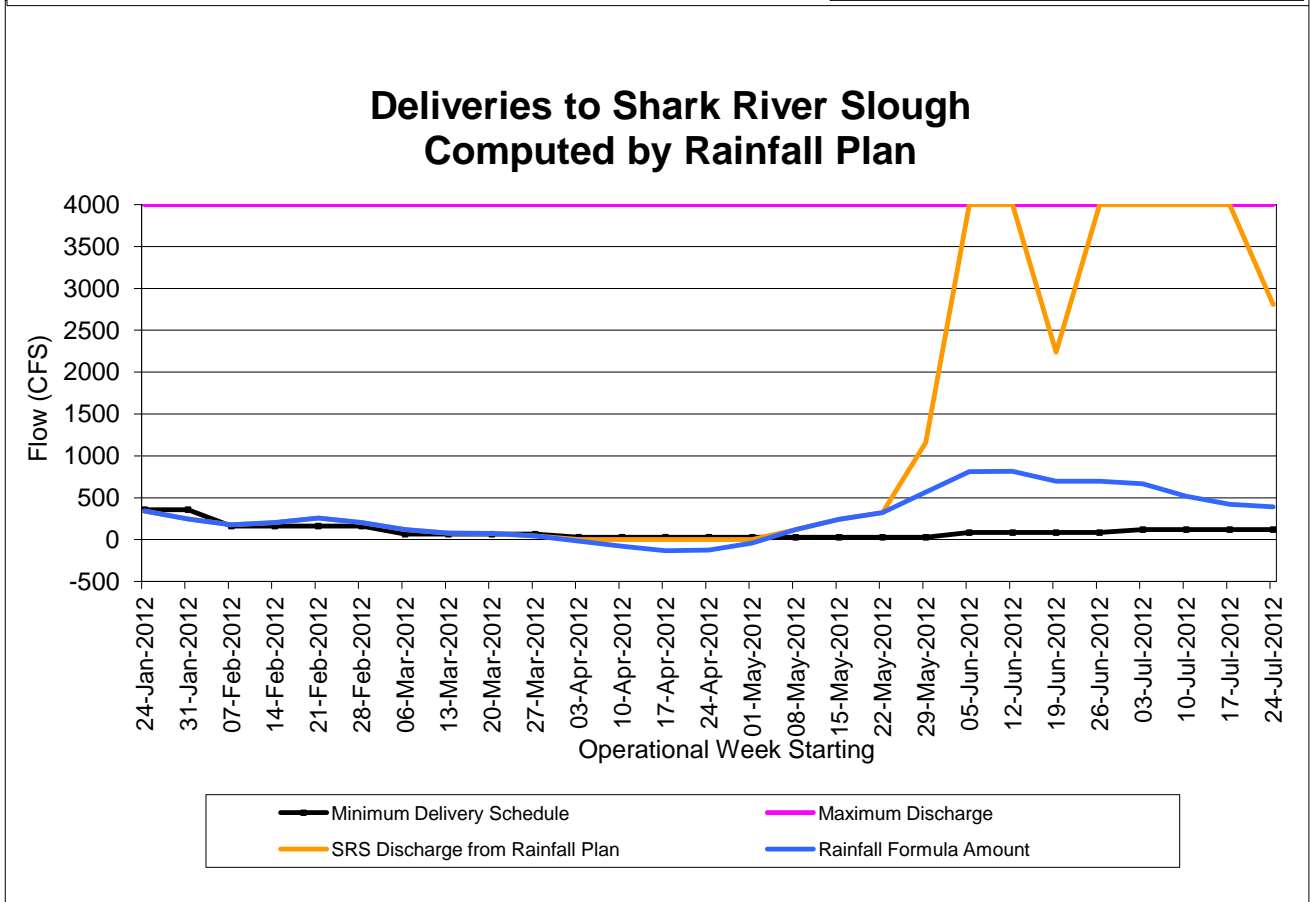
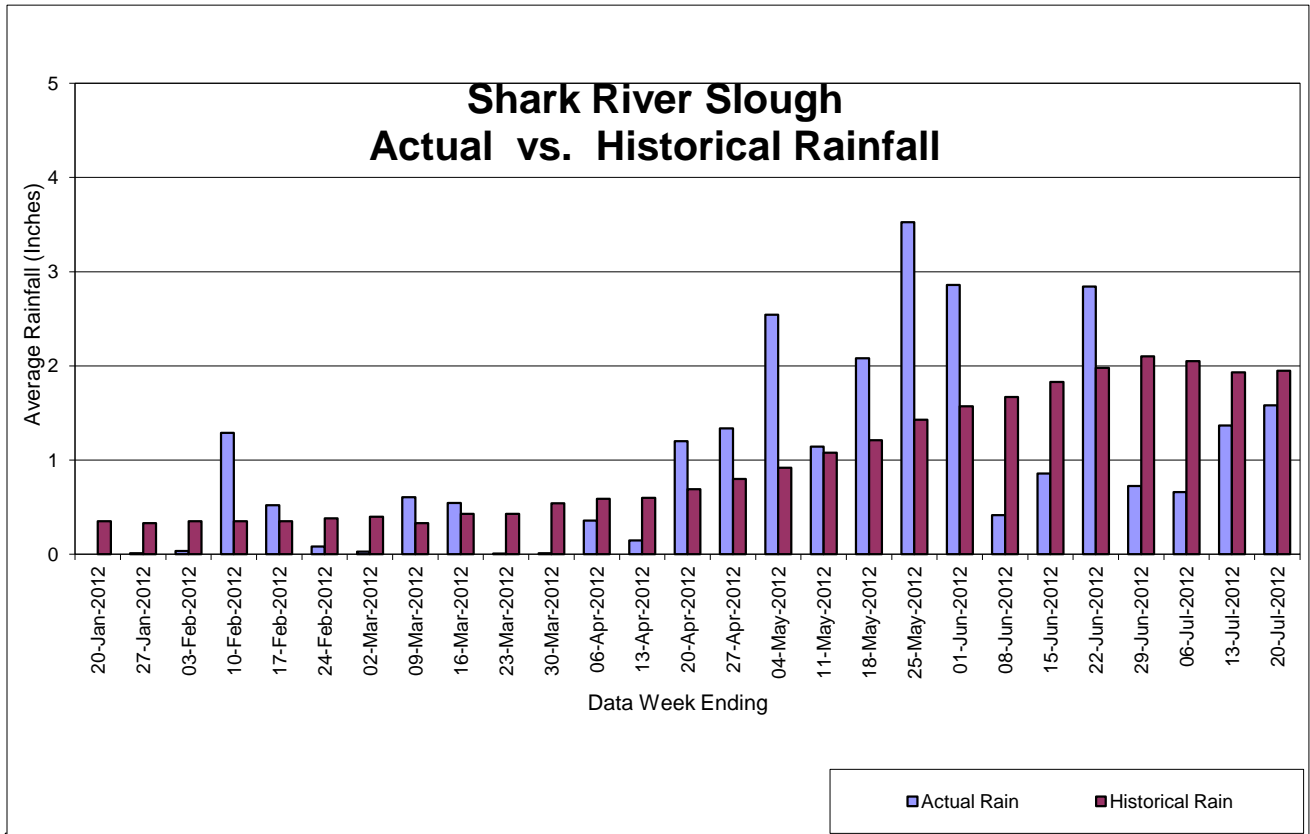
----- Statistical Parameters -----

Rainfall Formula Amount 390 cfs
 Last Week's Rainfall Formula 423 cfs
 Pre-Project Mean Discharge 148 cfs

Rainfall Excess Terms
 RL1 -1.11 RL2 -3.57 RL3 3.58

COMMENT: S140 evap data and S7 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 17, 2012 to July 23, 2012 MAX cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- Data Summary ----- July 6, 2012 to July 13, 2012

WCA-3A Stage (end of week) 10.31 ft. msl
 Angel's 6.66 ft. msl
 G3273 7.00 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.37	1.53
S-140		1.48
ENP		M

This Week's Avg	1.37	1.51
Pre-Project Avg	1.93	1.45

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.02 feet
 Distance to Bottom of Regulatory Zone -0.02 feet

----- Statistical Parameters -----

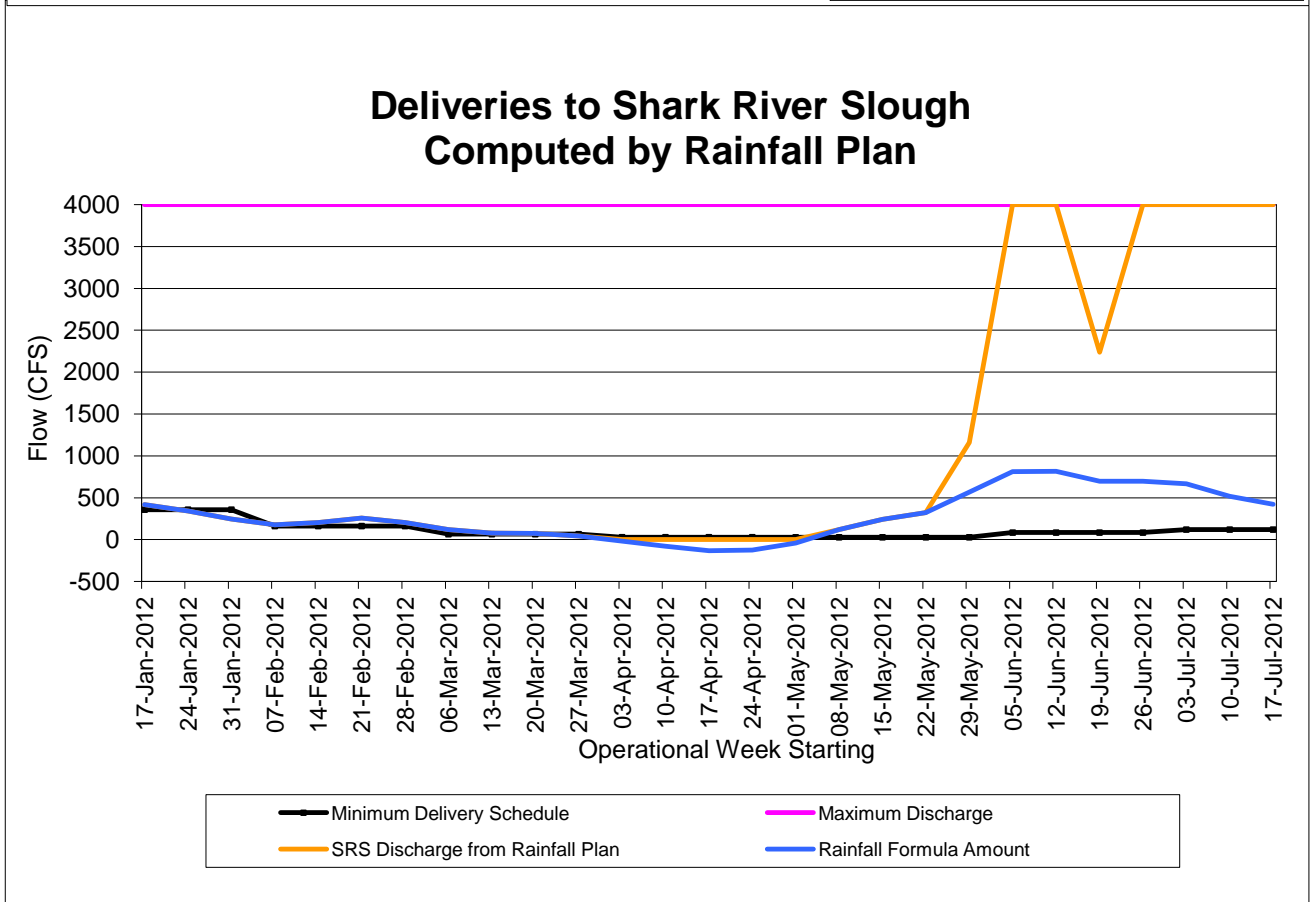
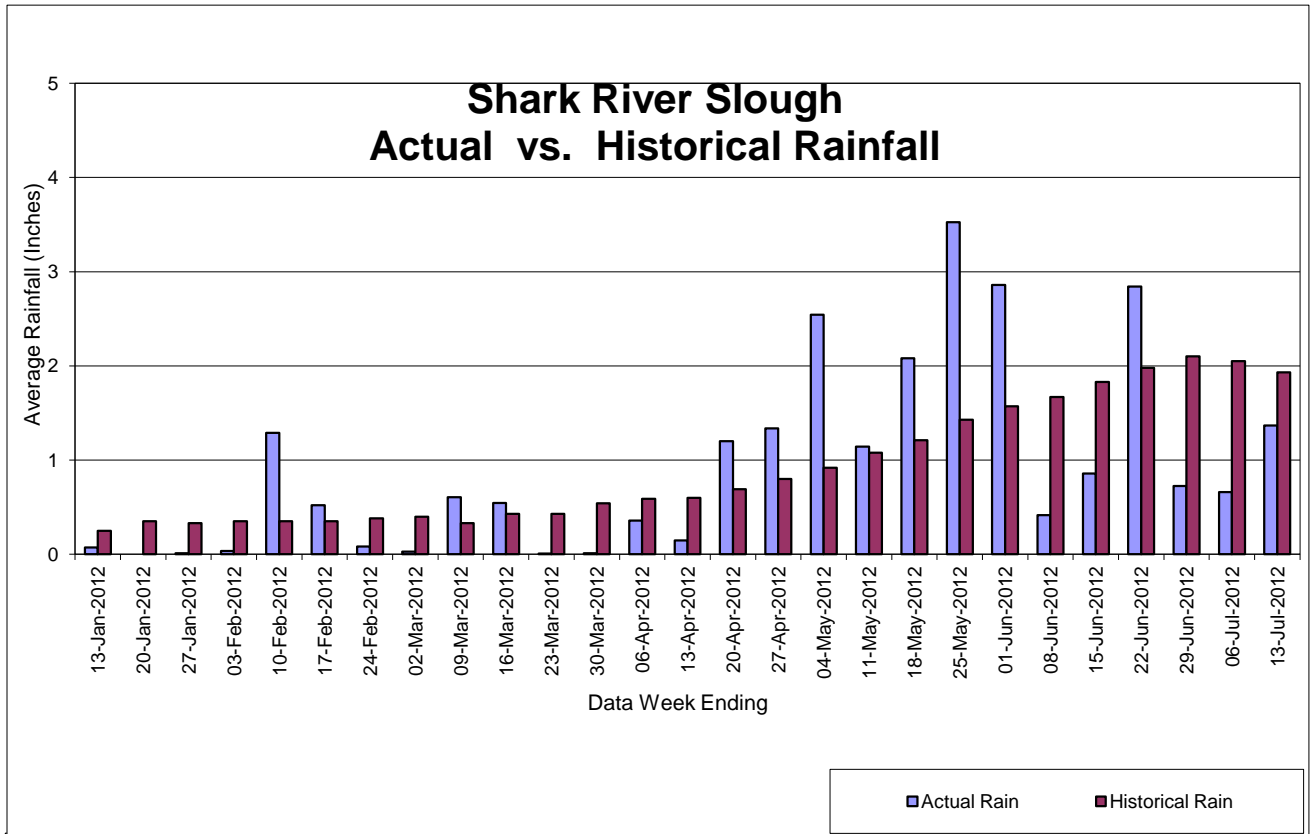
Rainfall Formula Amount 423 cfs
 Last Week's Rainfall Formula 516 cfs
 Pre-Project Mean Discharge 128 cfs

Rainfall Excess Terms

RL1 -2.22 RL2 -3.09 RL3 4.77

COMMENT: S140 evap data and S7 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 10, 2012 to July 16, 2012 MAX cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- Data Summary -----

	June 29, 2012	to	July 6, 2012
WCA-3A Stage (end of week)	10.26		ft. msl
Angel's	6.34		ft. msl
G3273	6.95		ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.66	1.72
S-140		1.74
ENP		M

	0.66	1.73
This Week's Avg	2.05	1.45
Pre-Project Avg		

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is	MAX	cfs
Distance to Bottom of Transition Zone		-1.01 feet
Distance to Bottom of Regulatory Zone		-0.02 feet

----- Statistical Parameters -----

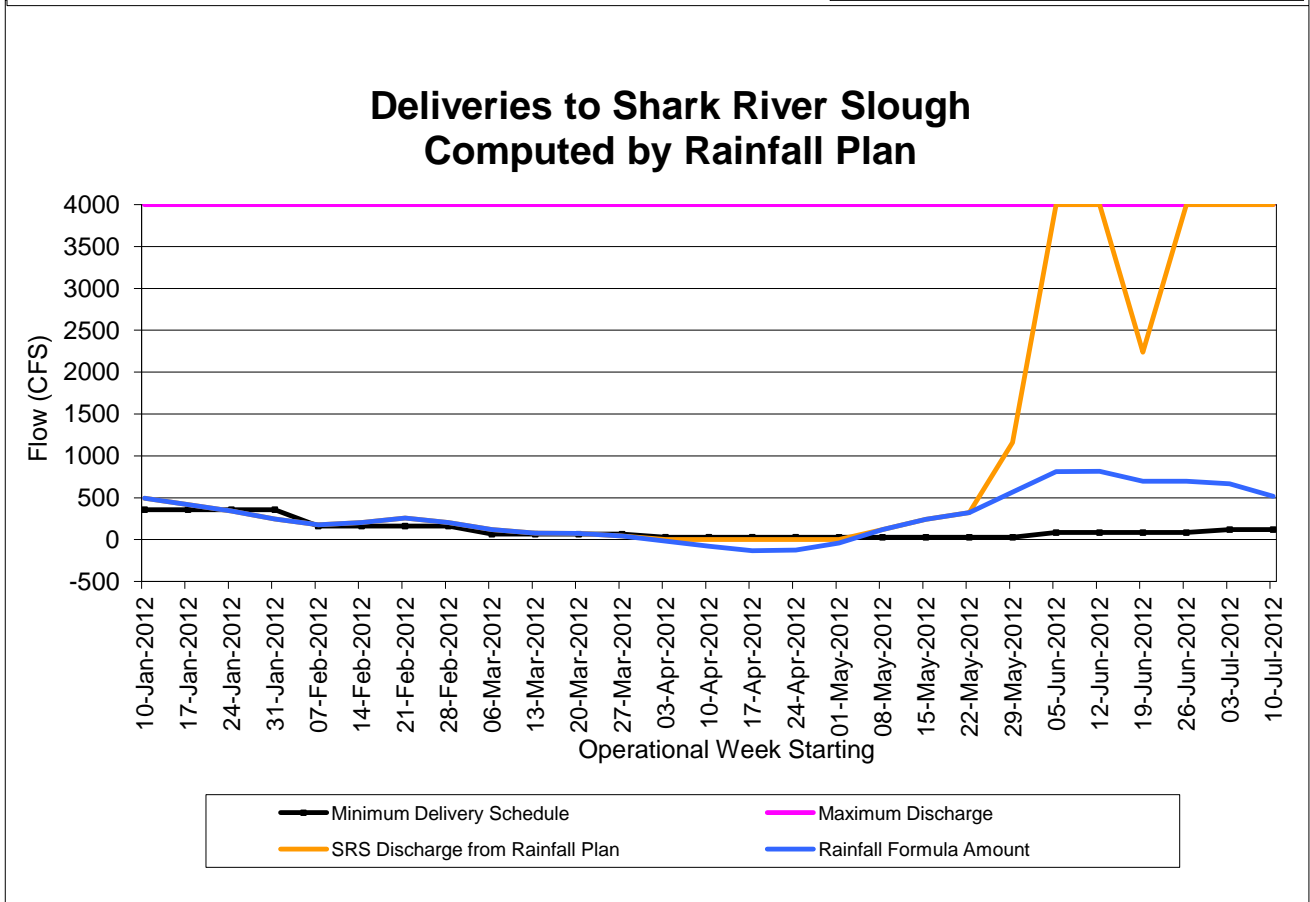
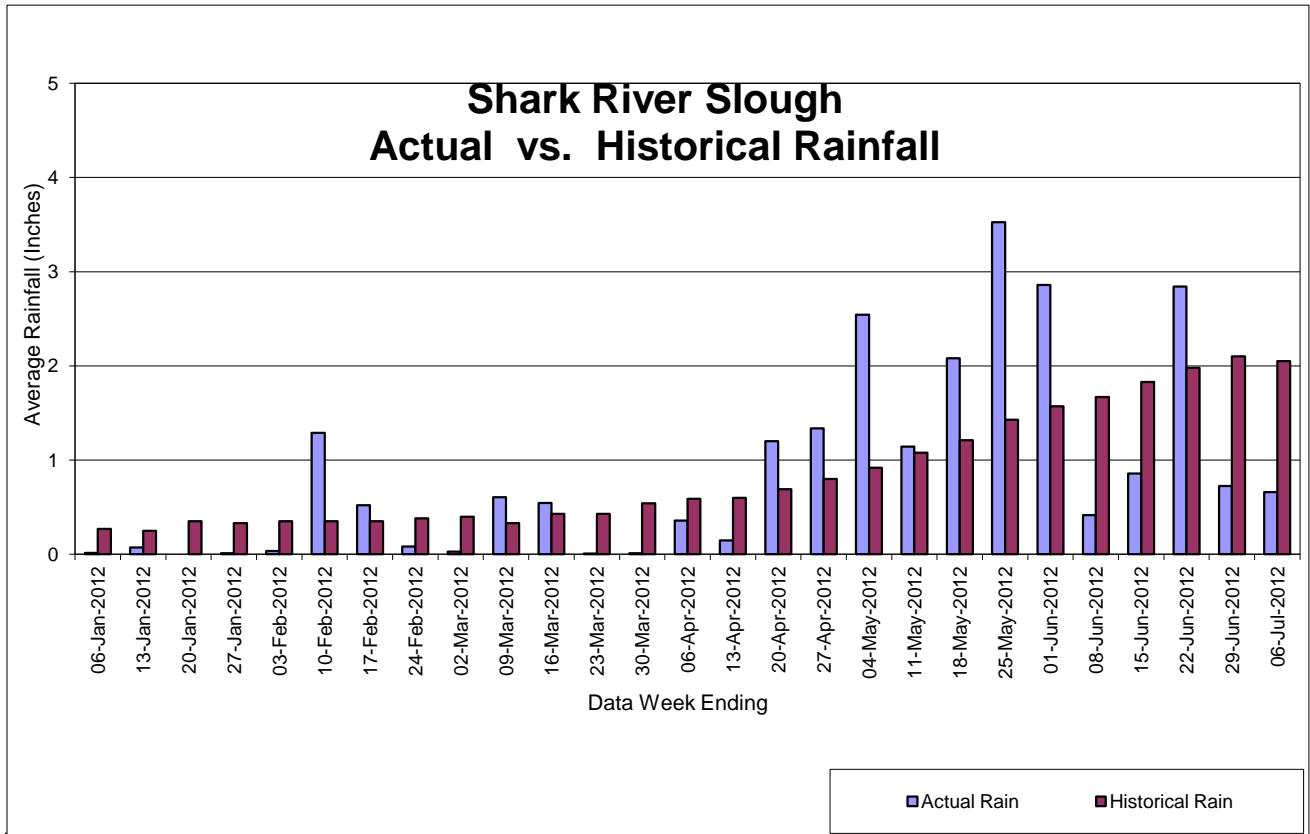
Rainfall Formula Amount	516 cfs
Last Week's Rainfall Formula	666 cfs
Pre-Project Mean Discharge	111 cfs

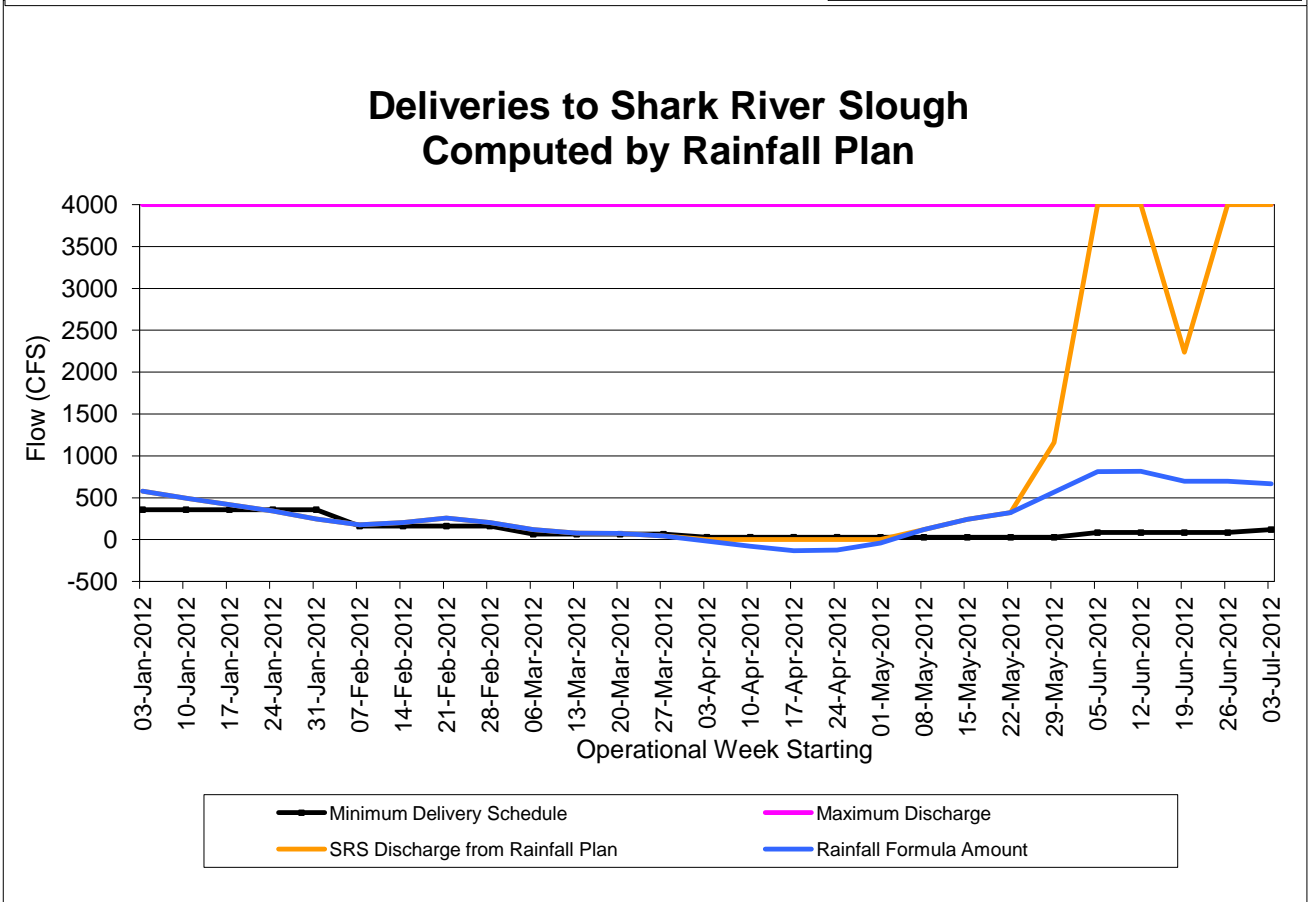
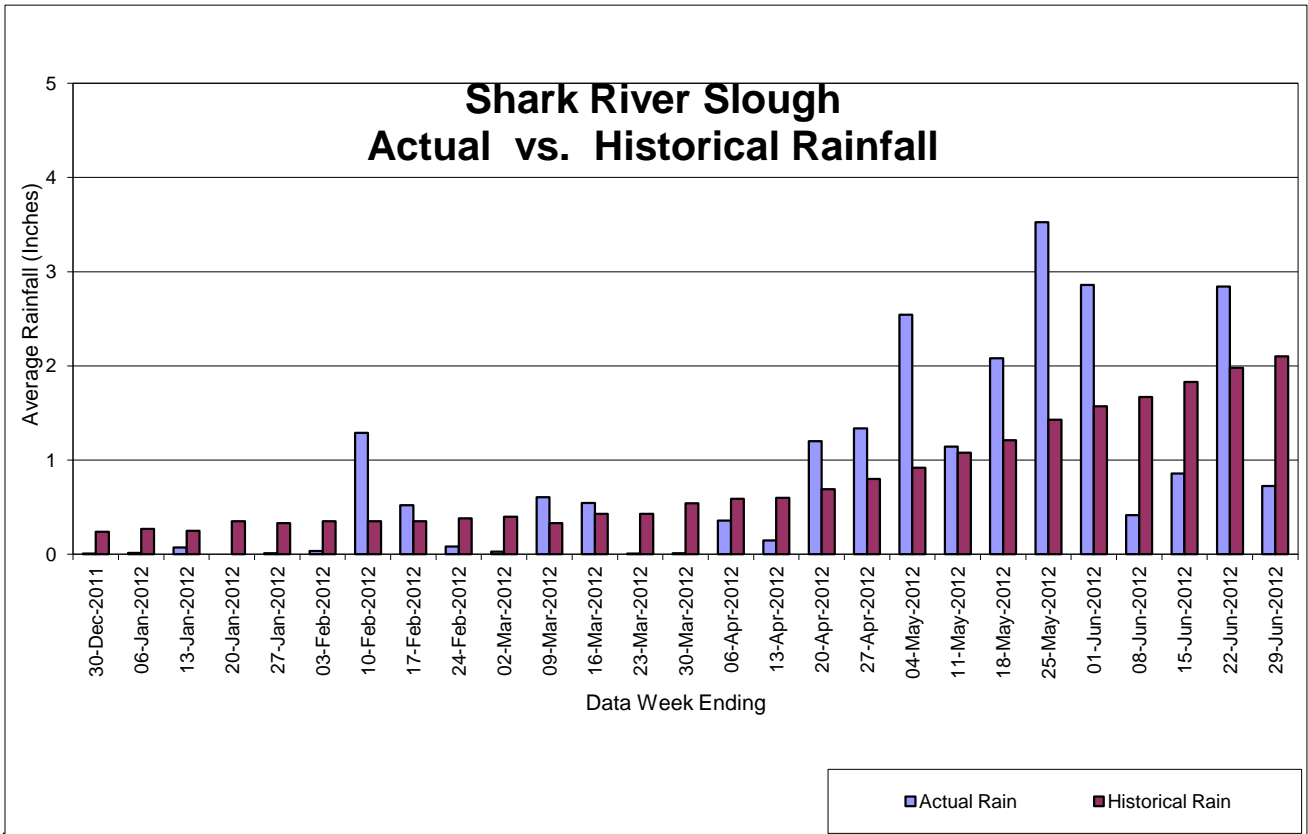
Rainfall Excess Terms

RL1 -3.12	RL2 -0.26	RL3 5.31
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COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**





WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 26, 2012 to July 2, 2012 MAX cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- Data Summary -----
 June 15, 2012 to June 22, 2012
 WCA-3A Stage (end of week) 10.23 ft. msl
 Angel's 6.68 ft. msl
 G3273 6.90 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	2.84	1.50
S-140		1.51
ENP		M

This Week's Avg	2.84	1.50
Pre-Project Avg	1.98	1.51

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -0.88 feet
 Distance to Bottom of Regulatory Zone -0.08 feet

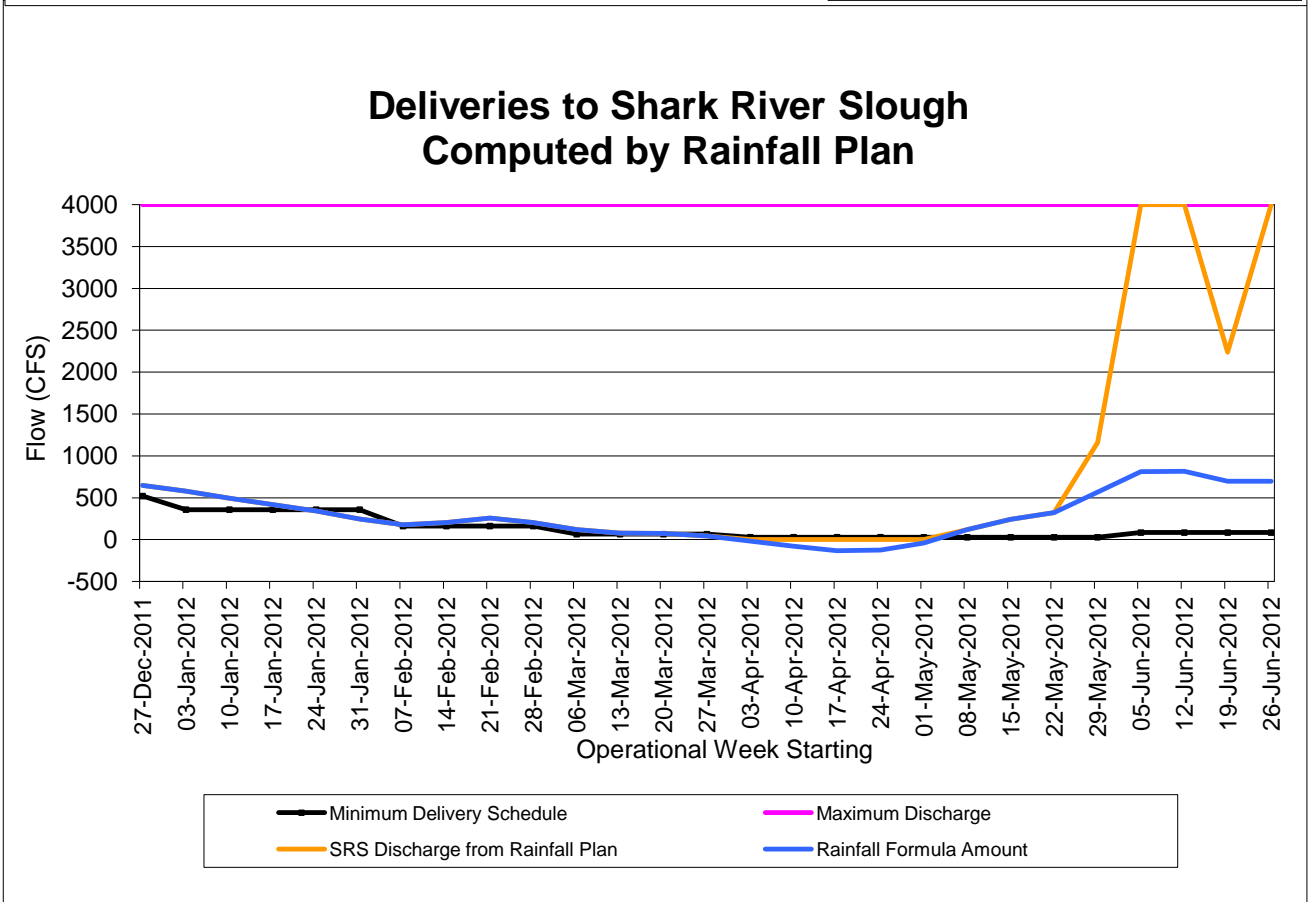
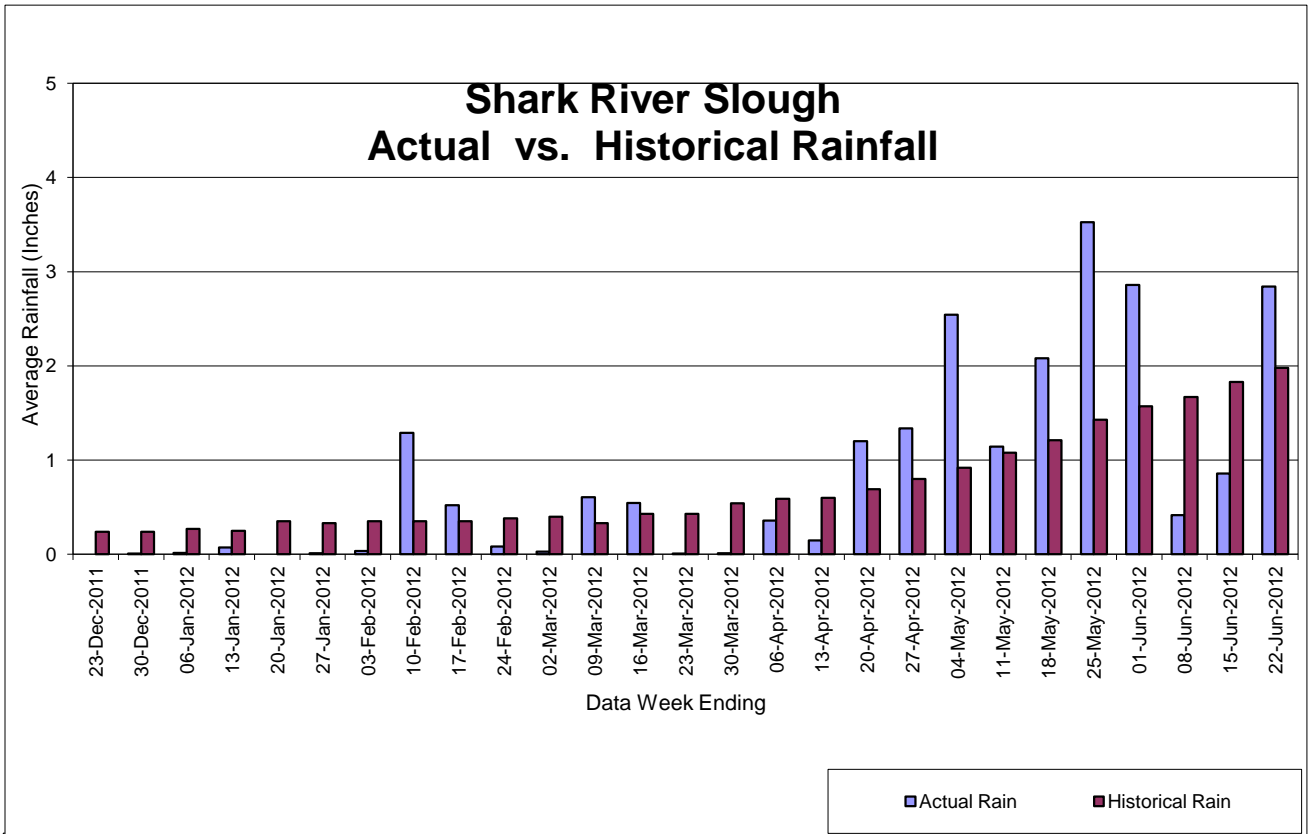
----- Statistical Parameters -----

Rainfall Formula Amount 696 cfs
 Last Week's Rainfall Formula 697 cfs
 Pre-Project Mean Discharge 75 cfs

Rainfall Excess Terms
 RL1 -0.44 RL2 3.58 RL3 2.96

COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 19, 2012 to June 25, 2012 2237 cfs

S-12 Discharge 1006 cfs
 S-333 Discharge 1230 cfs

----- Data Summary -----
 June 8, 2012 to June 15, 2012
 WCA-3A Stage (end of week) 10.01 ft. msl
 Angel's 6.69 ft. msl
 G3273 6.72 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.86	2.19

S-140		1.75
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ENP		M
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This Week's Avg	0.86	1.97
Pre-Project Avg	1.83	1.55

----- Transition Zone Information -----

WCA-3A is in Zone B

Supplemental discharge is 1540 cfs
 Distance to Bottom of Transition Zone -0.62 feet
 Distance to Bottom of Regulatory Zone 0.09 feet

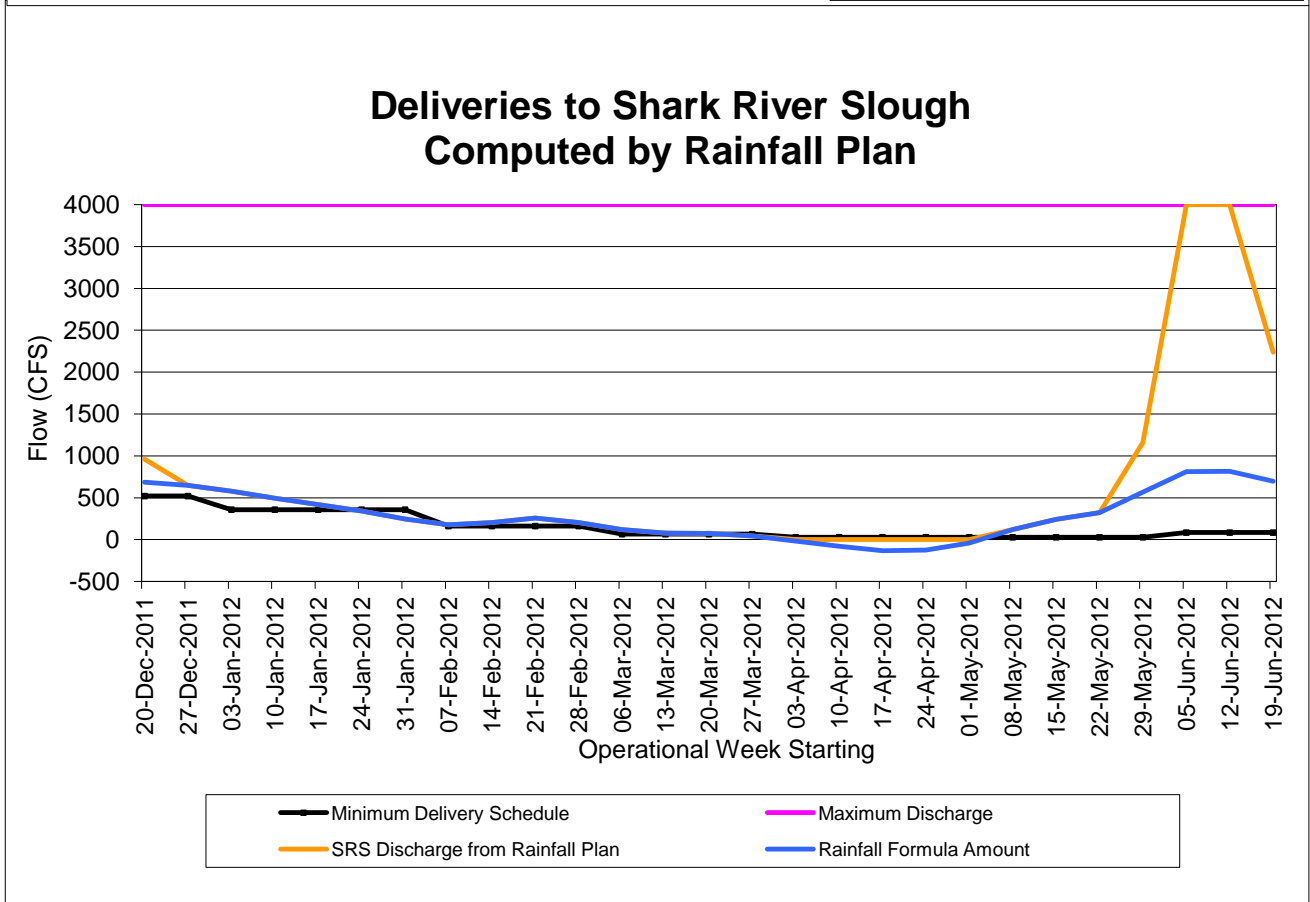
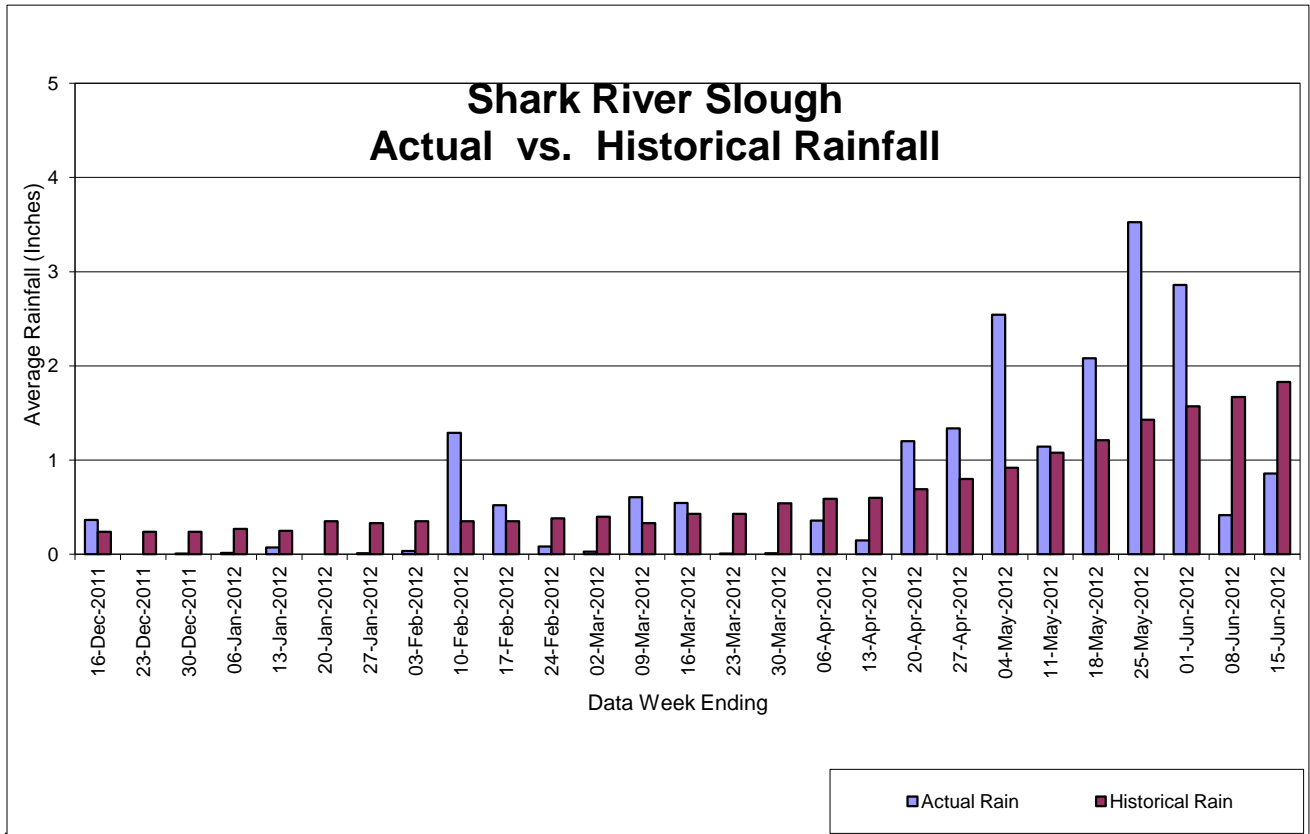
----- Statistical Parameters -----

Rainfall Formula Amount 697 cfs
 Last Week's Rainfall Formula 816 cfs
 Pre-Project Mean Discharge 54 cfs

Rainfall Excess Terms
 RL1 -2.44 RL2 4.77 RL3 2.24

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 12, 2012 to June 18, 2012 MAX cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- Data Summary -----
 June 1, 2012 to June 8, 2012
 WCA-3A Stage (end of week) 10.07 ft. msl
 Angel's 6.29 ft. msl
 G3273 6.74 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.41	1.42
S-140		1.45
ENP		M

	0.41	1.44
This Week's Avg	1.67	1.59
Pre-Project Avg		

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -0.63 feet
 Distance to Bottom of Regulatory Zone -0.01 feet

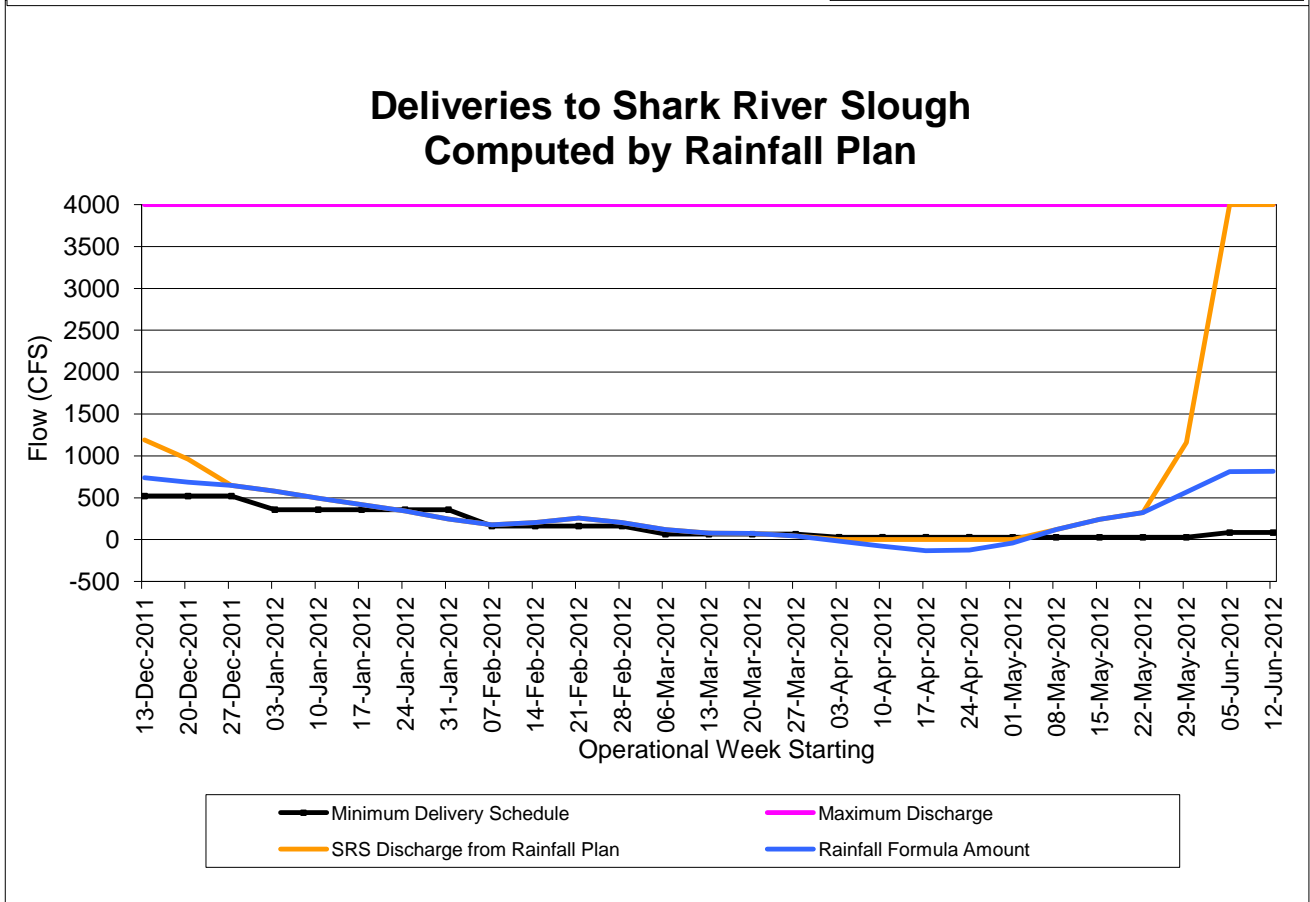
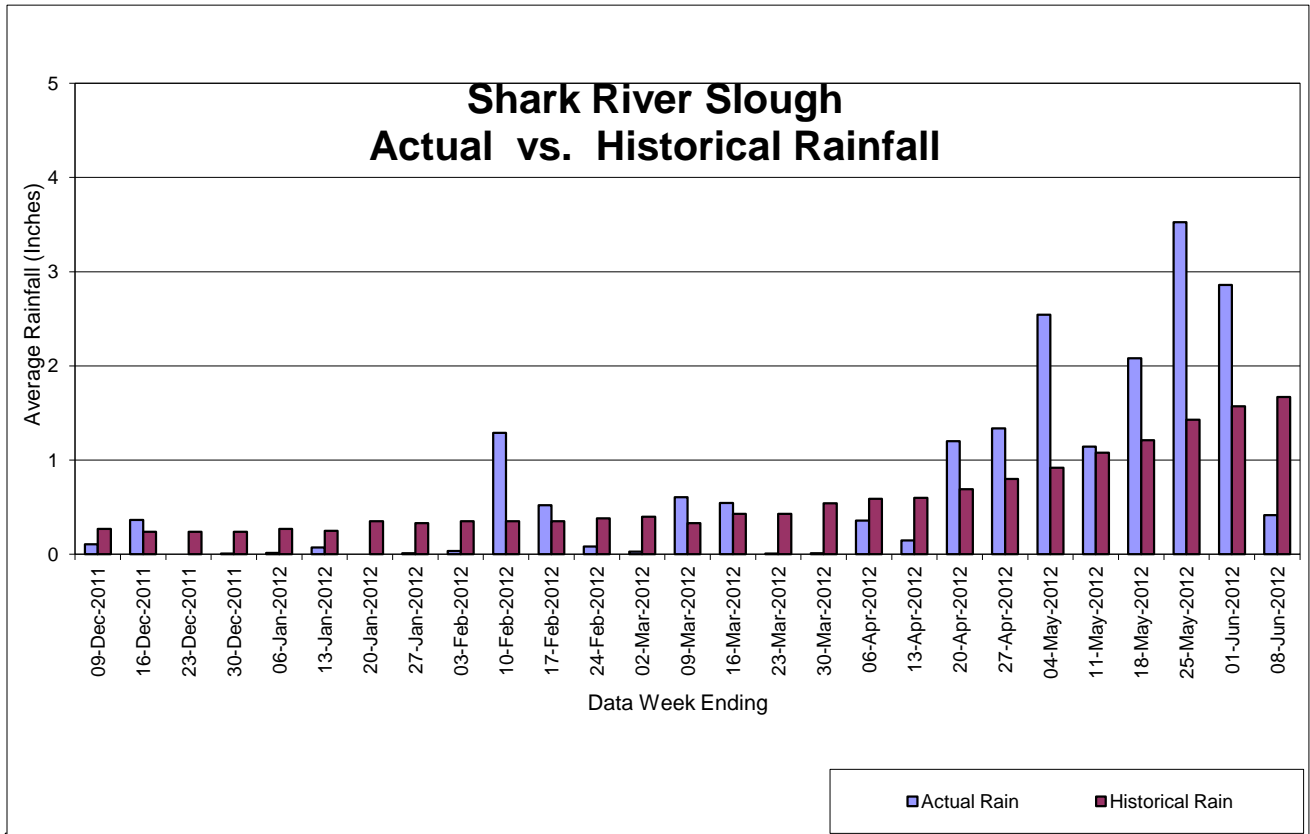
----- Statistical Parameters -----

Rainfall Formula Amount 816 cfs
 Last Week's Rainfall Formula 814 cfs
 Pre-Project Mean Discharge 40 cfs

Rainfall Excess Terms
 RL1 0.18 RL2 5.31 RL3 -0.21

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 5, 2012 to June 11, 2012 MAX cfs

S-12 Discharge MAX cfs
 S-333 Discharge MAX cfs

----- Data Summary -----
 WCA-3A Stage (end of week) May 25, 2012 to June 1, 2012
 Angel's 10.04 ft. msl
 G3273 6.55 ft. msl
6.67 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	2.86	1.51

S-140		1.65
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ENP		M
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This Week's Avg	2.86	1.58
Pre-Project Avg	1.57	1.61

----- Transition Zone Information -----

WCA-3A is in Zone A

Supplemental discharge is	MAX	cfs
Distance to Bottom of Transition Zone		-0.55 feet
Distance to Bottom of Regulatory Zone		-0.03 feet

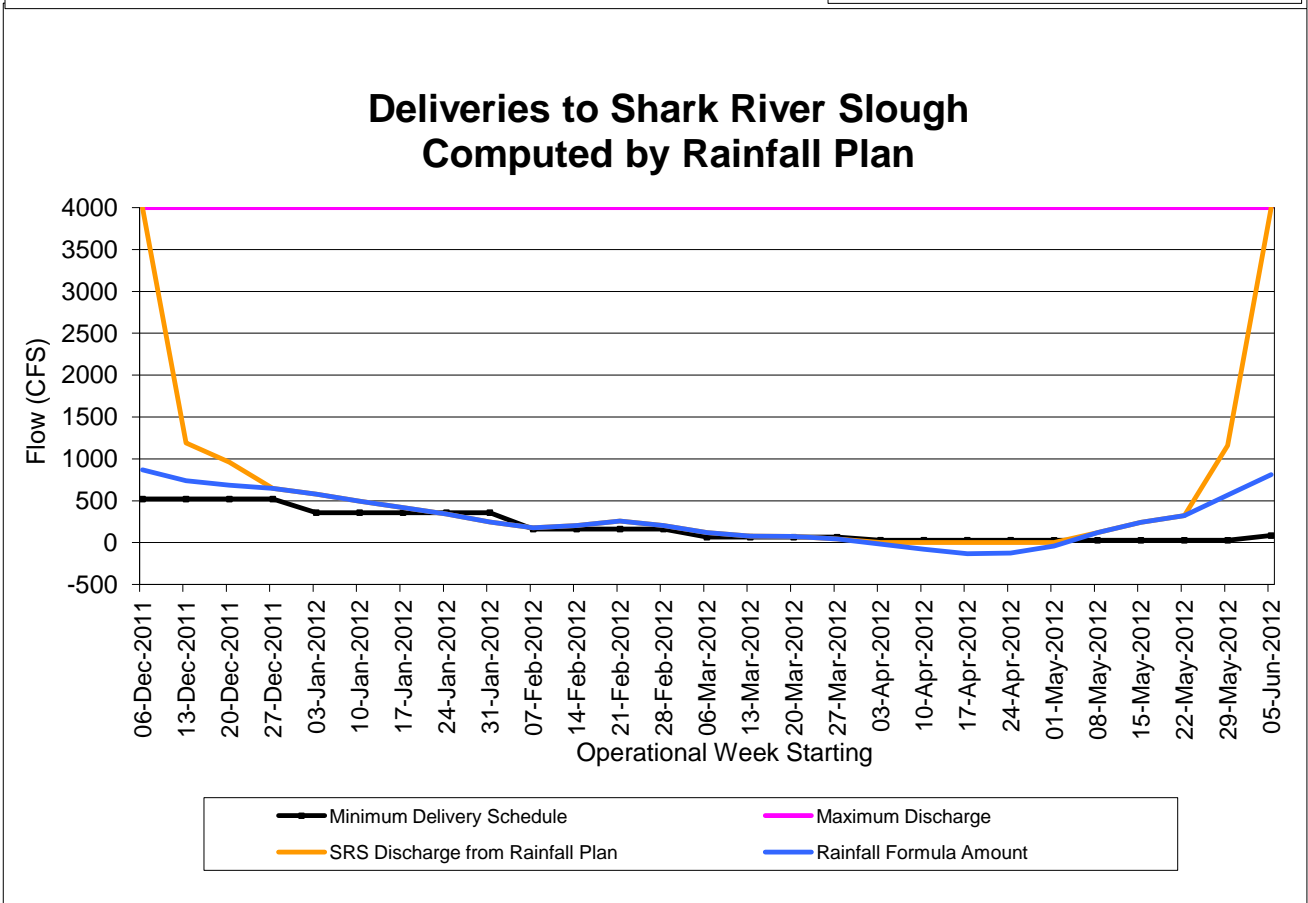
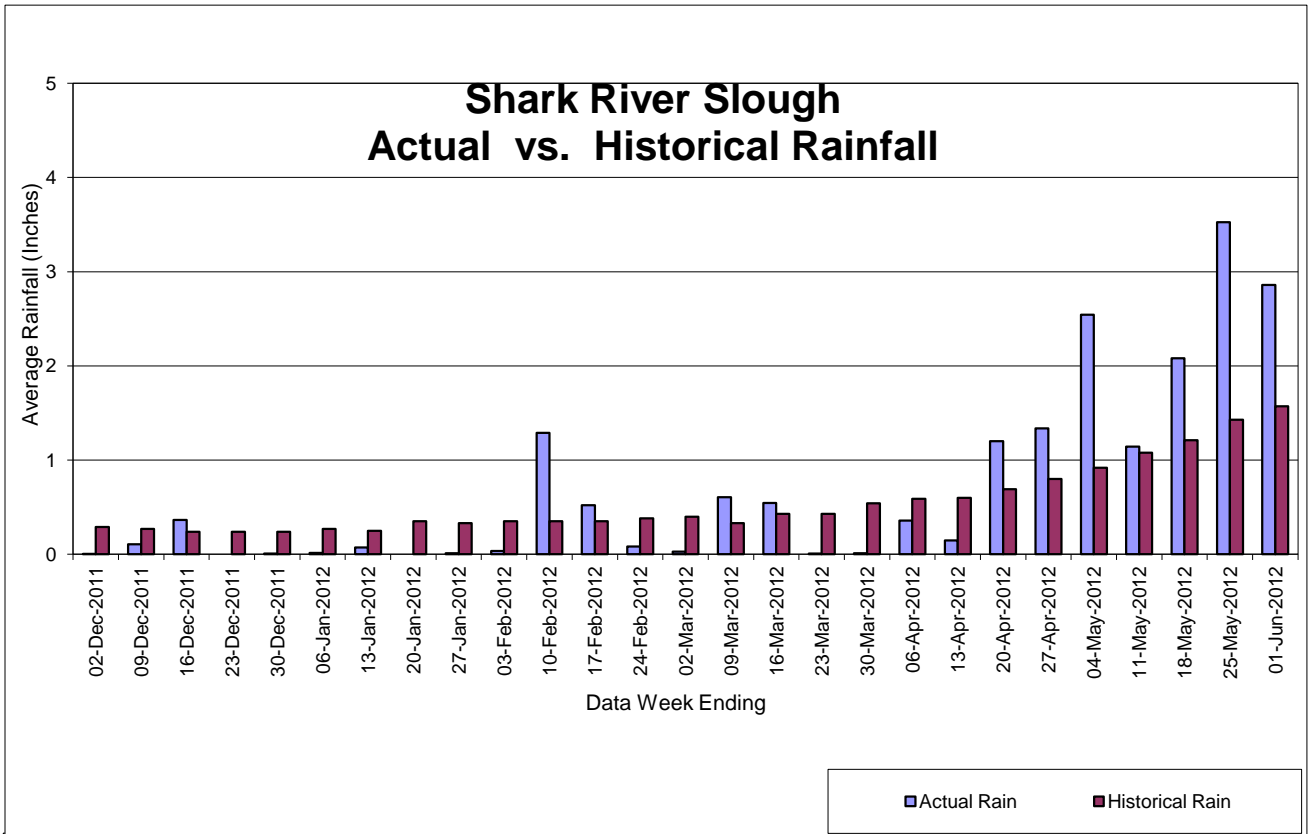
----- Statistical Parameters -----

Rainfall Formula Amount	814 cfs
Last Week's Rainfall Formula	567 cfs
Pre-Project Mean Discharge	27 cfs

Rainfall Excess Terms	RL1 3.62	RL2 3.45	RL3 -1.40
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COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 29, 2012 to June 4, 2012 1159 cfs

S-12 Discharge 522 cfs
 S-333 Discharge 638 cfs

----- Data Summary -----
May 18, 2012 to May 25, 2012
 WCA-3A Stage (end of week) 9.77 ft. msl
 Angel's 6.34 ft. msl
 G3273 6.53 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	3.52	1.30
S-140		1.38
ENP		M

This Week's Avg	3.52	1.34
Pre-Project Avg	1.43	1.61

----- Transition Zone Information -----

WCA-3A is in Zone C

Supplemental discharge is 592 cfs
 Distance to Bottom of Transition Zone -0.24 feet
 Distance to Bottom of Regulatory Zone 0.26 feet

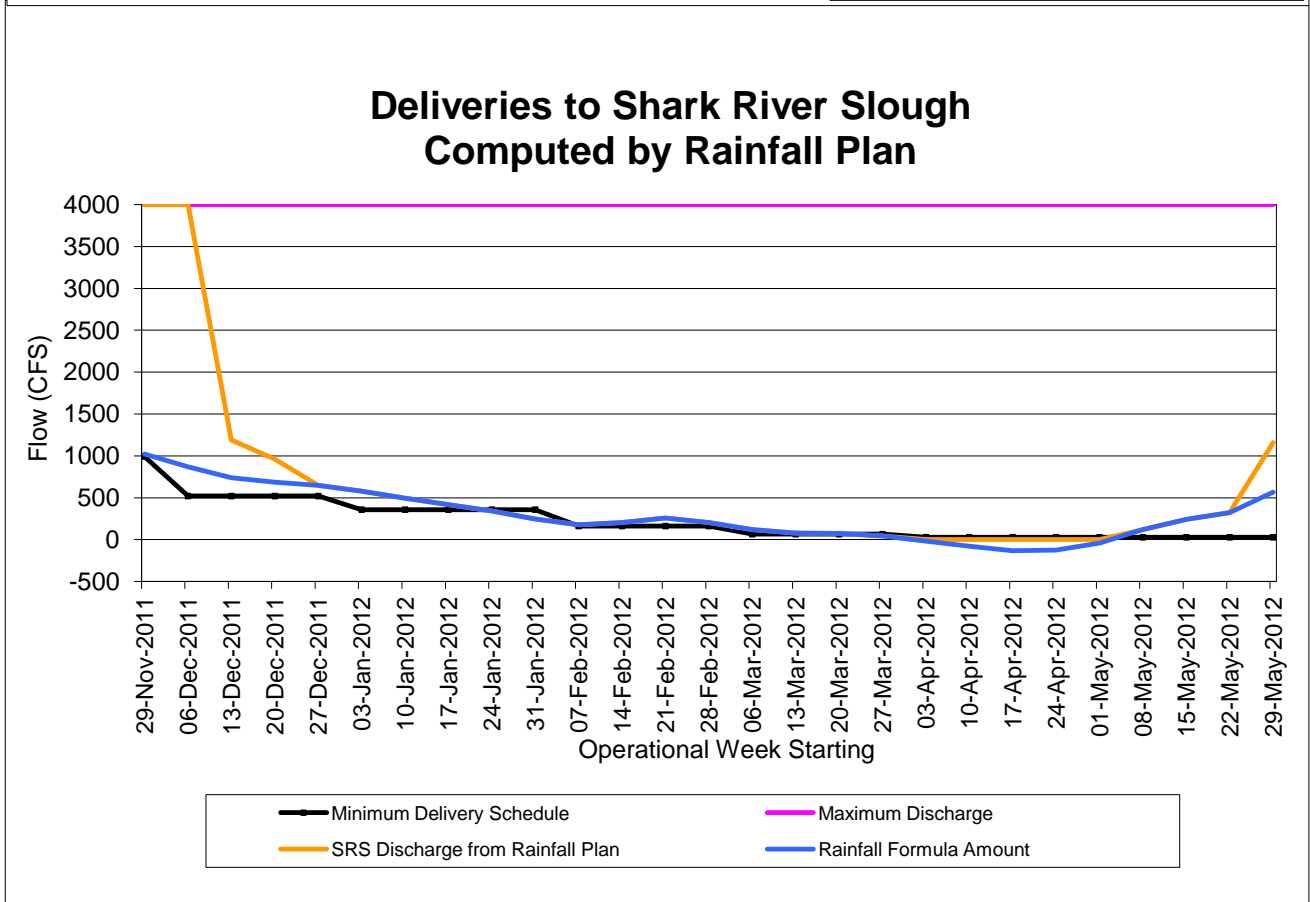
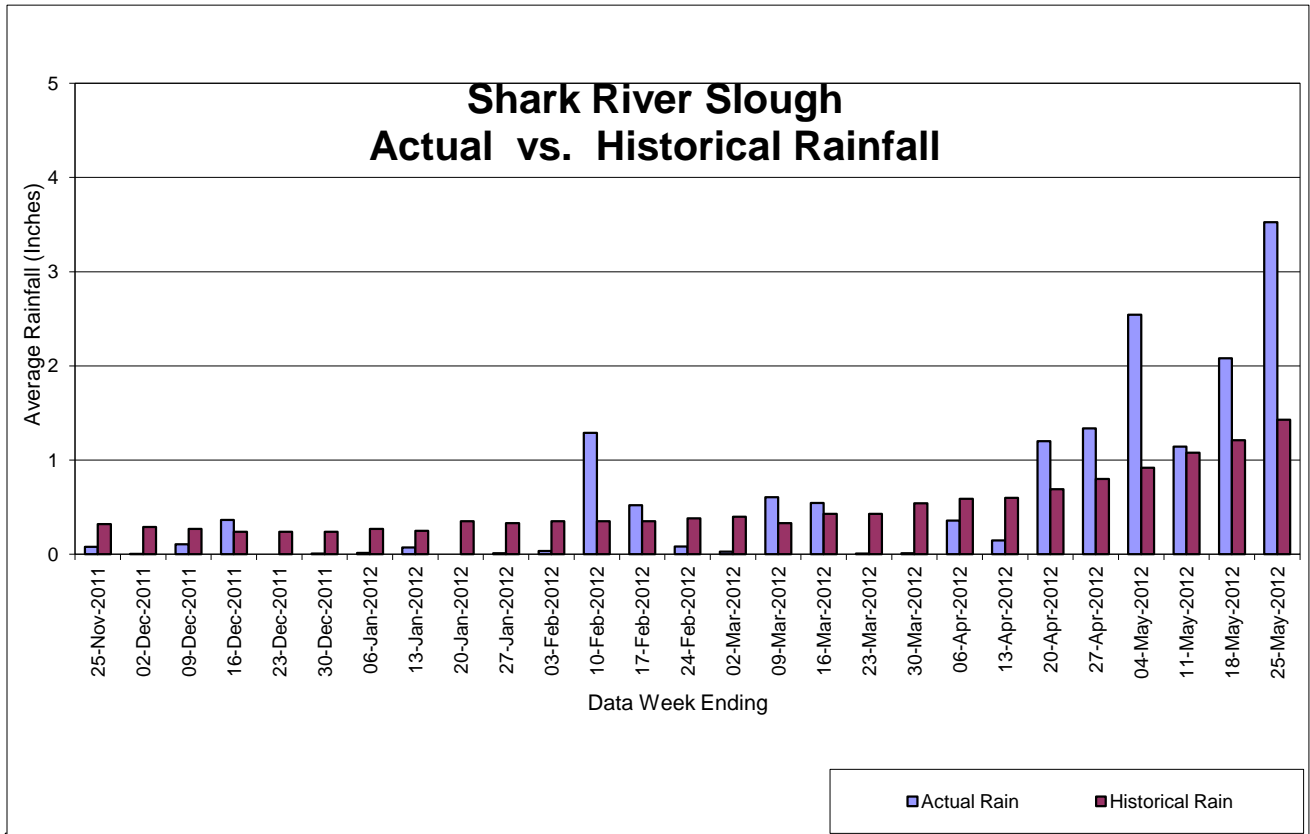
----- Statistical Parameters -----

Rainfall Formula Amount 567 cfs
 Last Week's Rainfall Formula 322 cfs
 Pre-Project Mean Discharge 17 cfs

Rainfall Excess Terms
RL1 3.40 RL2 2.96 RL3 -2.59

COMMENT: S7 and S140 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **May 22, 2012** to **May 28, 2012** **322 cfs**

S-12 Discharge 145 cfs
 S-333 Discharge 177 cfs

----- **Data Summary** -----
May 11, 2012 to **May 18, 2012**
 WCA-3A Stage (end of week) 9.40 ft. msl
 Angel's 5.79 ft. msl
 G3273 6.14 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	2.08	1.38

S-140		1.30
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ENP		M
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This Week's Avg	2.08	1.34
Pre-Project Avg	1.21	1.62

----- **Transition Zone Information** -----

WCA-3A is in Zone E

Supplemental discharge is	0 cfs
Distance to Bottom of Transition Zone	0.18 feet
Distance to Bottom of Regulatory Zone	0.68 feet

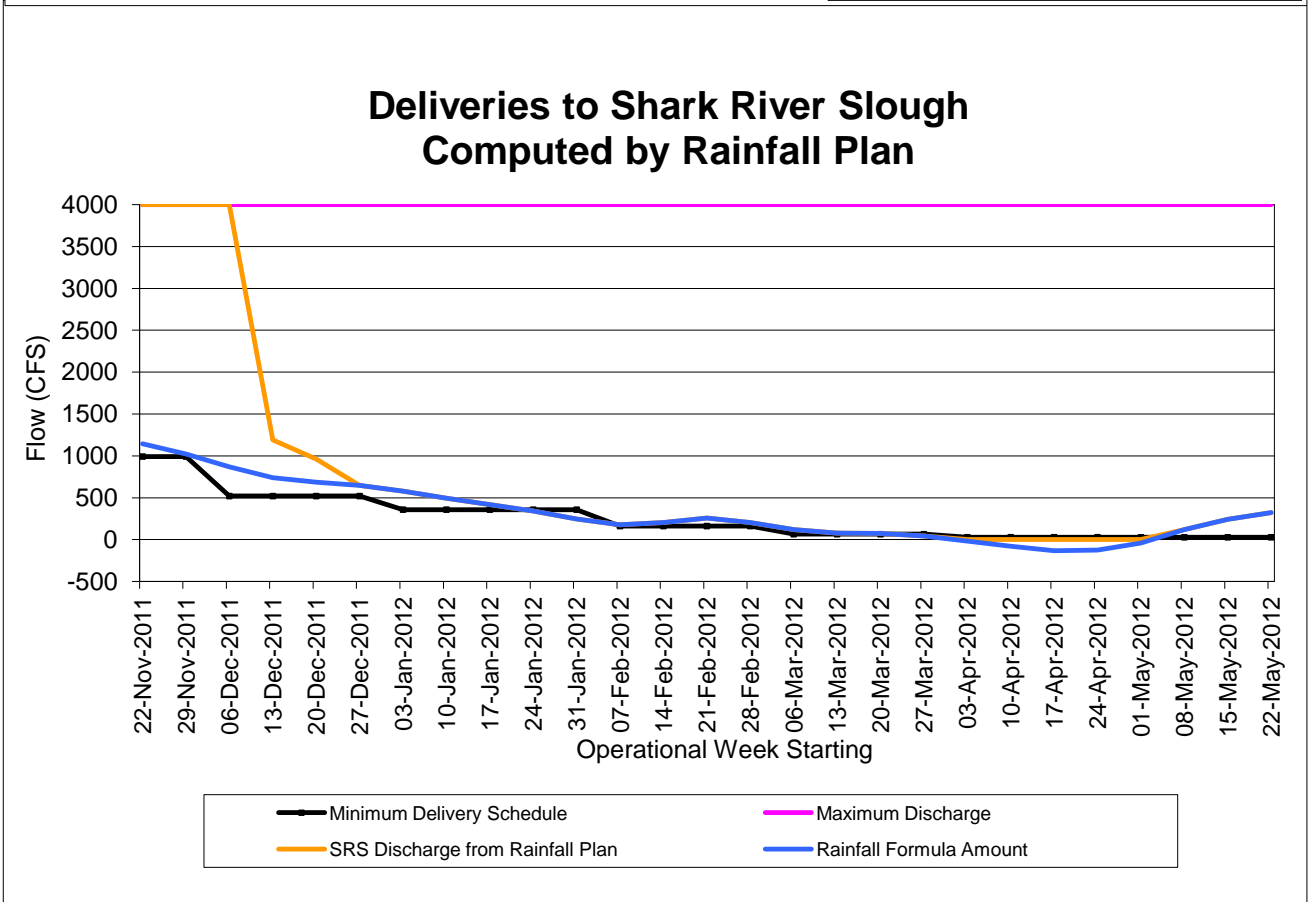
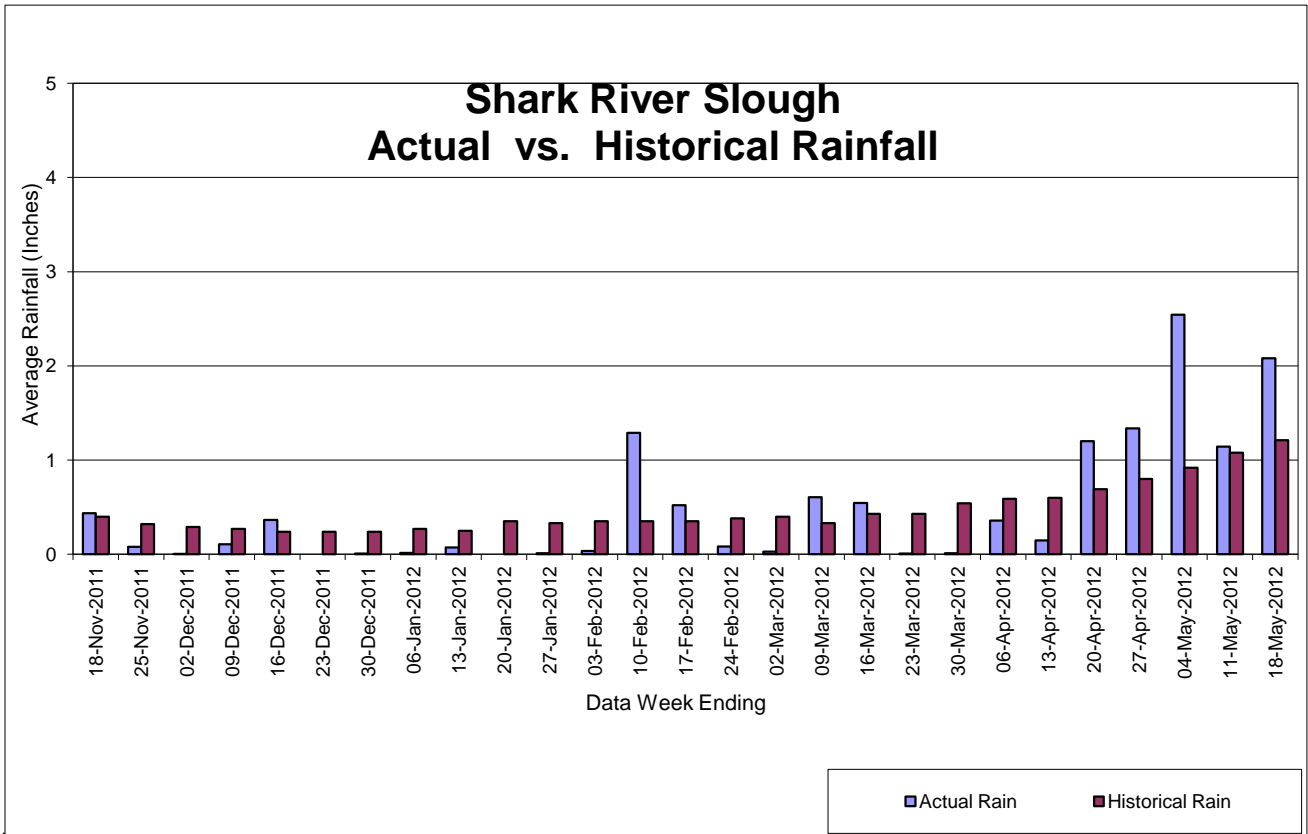
----- **Statistical Parameters** -----

Rainfall Formula Amount	322 cfs
Last Week's Rainfall Formula	243 cfs
Pre-Project Mean Discharge	12 cfs

Rainfall Excess Terms	RL1 1.14	RL2 2.24	RL3 -1.83
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COMMENT: S7 estimated evap data and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 15, 2012 to May 21, 2012 243 cfs

S-12 Discharge 109 cfs
 S-333 Discharge 133 cfs

----- Data Summary -----
May 4, 2012 to May 11, 2012
 WCA-3A Stage (end of week) 9.25 ft. msl
 Angel's 5.78 ft. msl
 G3273 5.96 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.14	1.57
S-140		1.69
ENP		M

This Week's Avg	1.14	1.63
Pre-Project Avg	1.08	1.61

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.38 feet
 Distance to Bottom of Regulatory Zone 0.88 feet

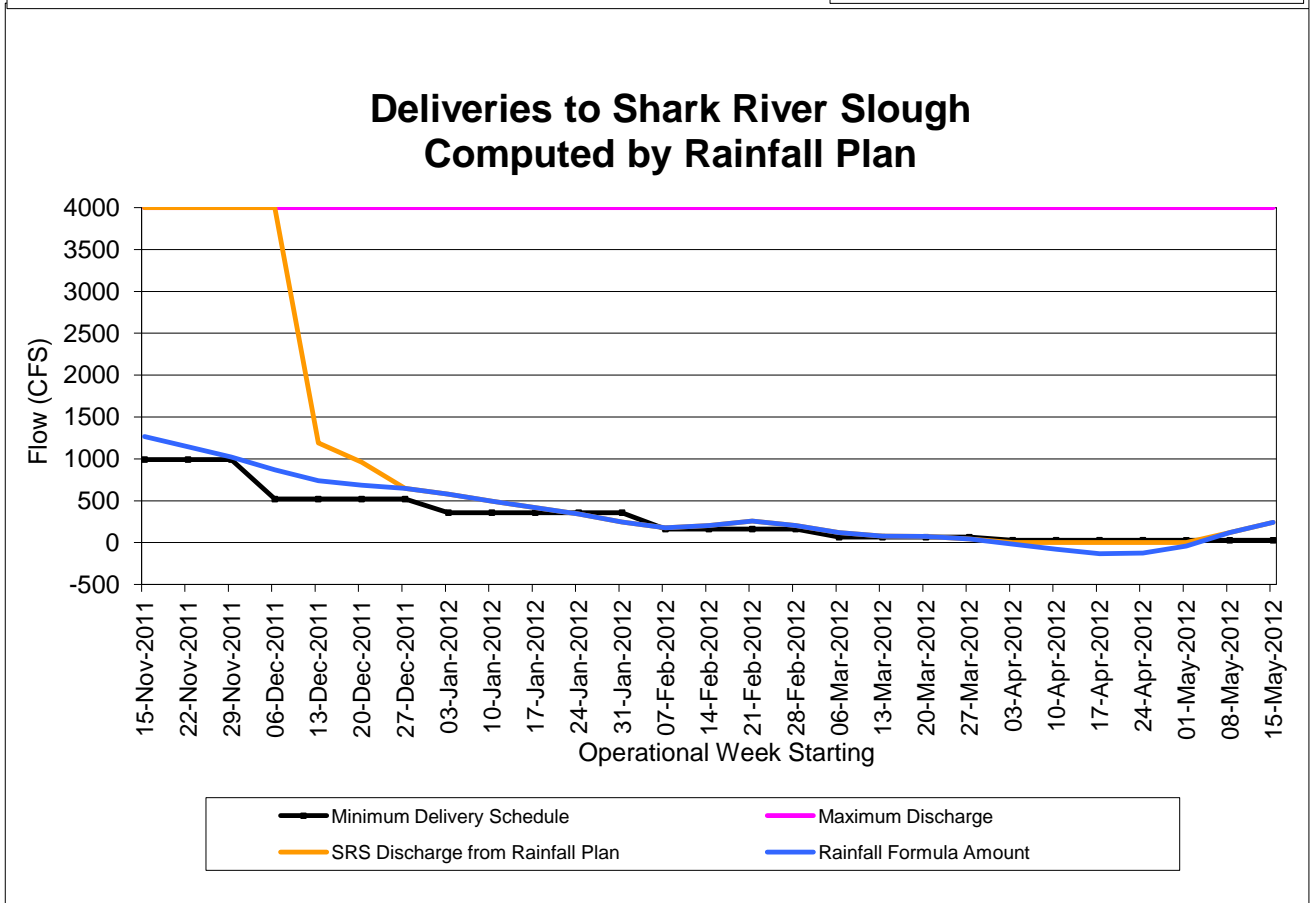
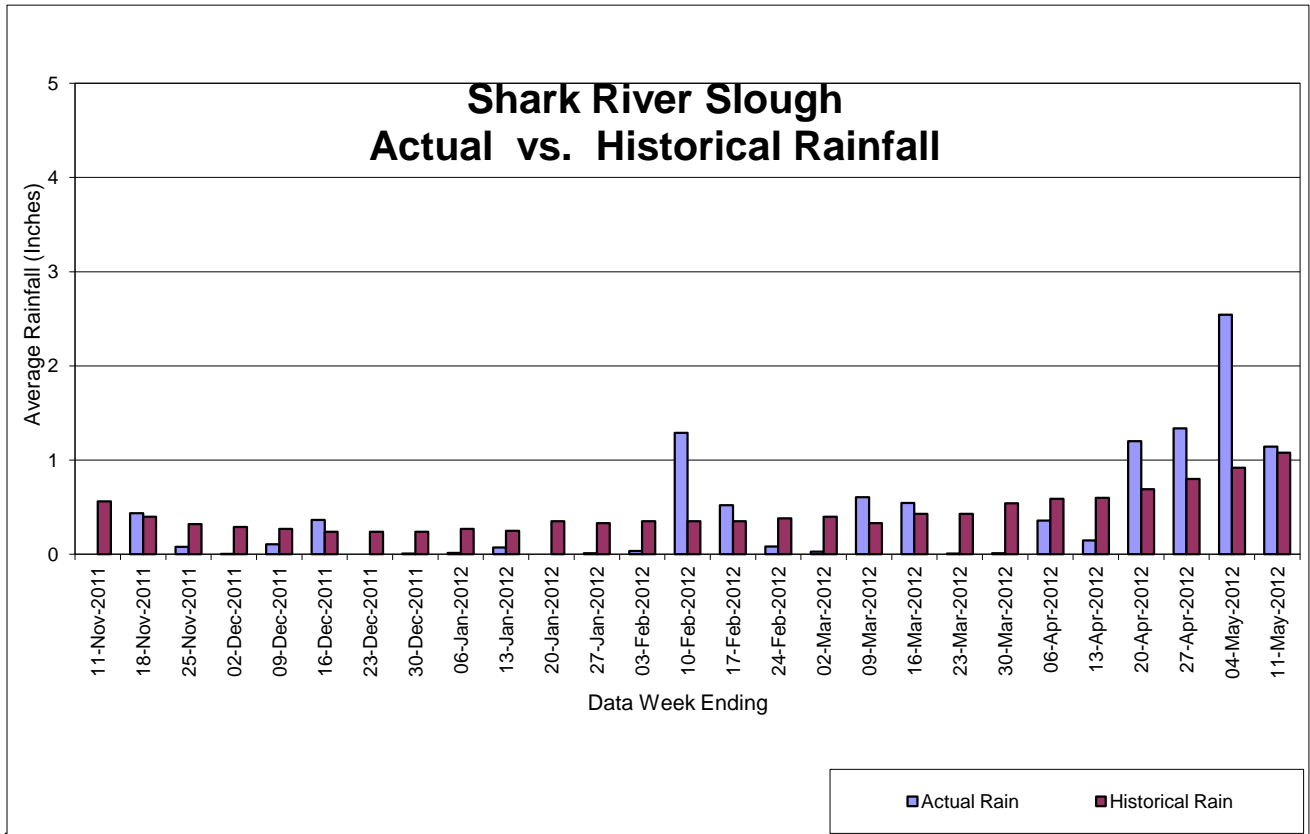
----- Statistical Parameters -----

Rainfall Formula Amount 243 cfs
 Last Week's Rainfall Formula 121 cfs
 Pre-Project Mean Discharge 13 cfs

Rainfall Excess Terms
RL1 1.91 RL2 -0.21 RL3 -1.17

COMMENT: S140 estimated evap data and S7 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 17, 2012 to January 23, 2012 419 cfs

S-12 Discharge 189 cfs
 S-333 Discharge 231 cfs

----- Data Summary -----
 January 6, 2012 to January 13, 2012
 WCA-3A Stage (end of week) 10.23 ft. msl
 Angel's 5.65 ft. msl
 G3273 6.38 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.07	0.65
S-140		0.81
ENP		M

This Week's Avg	0.07	0.73
Pre-Project Avg	0.25	0.77

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.18 feet
 Distance to Bottom of Regulatory Zone 0.52 feet

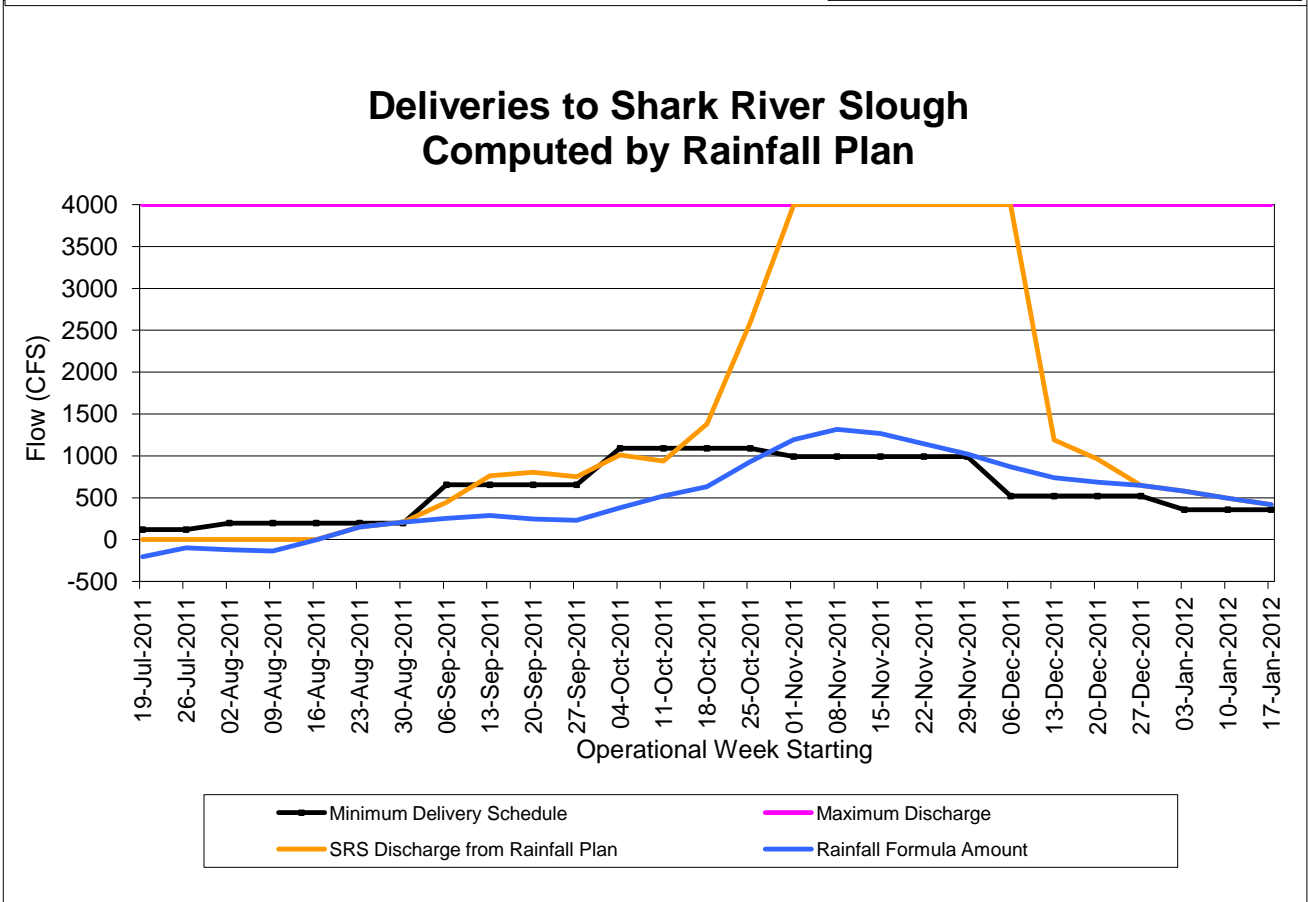
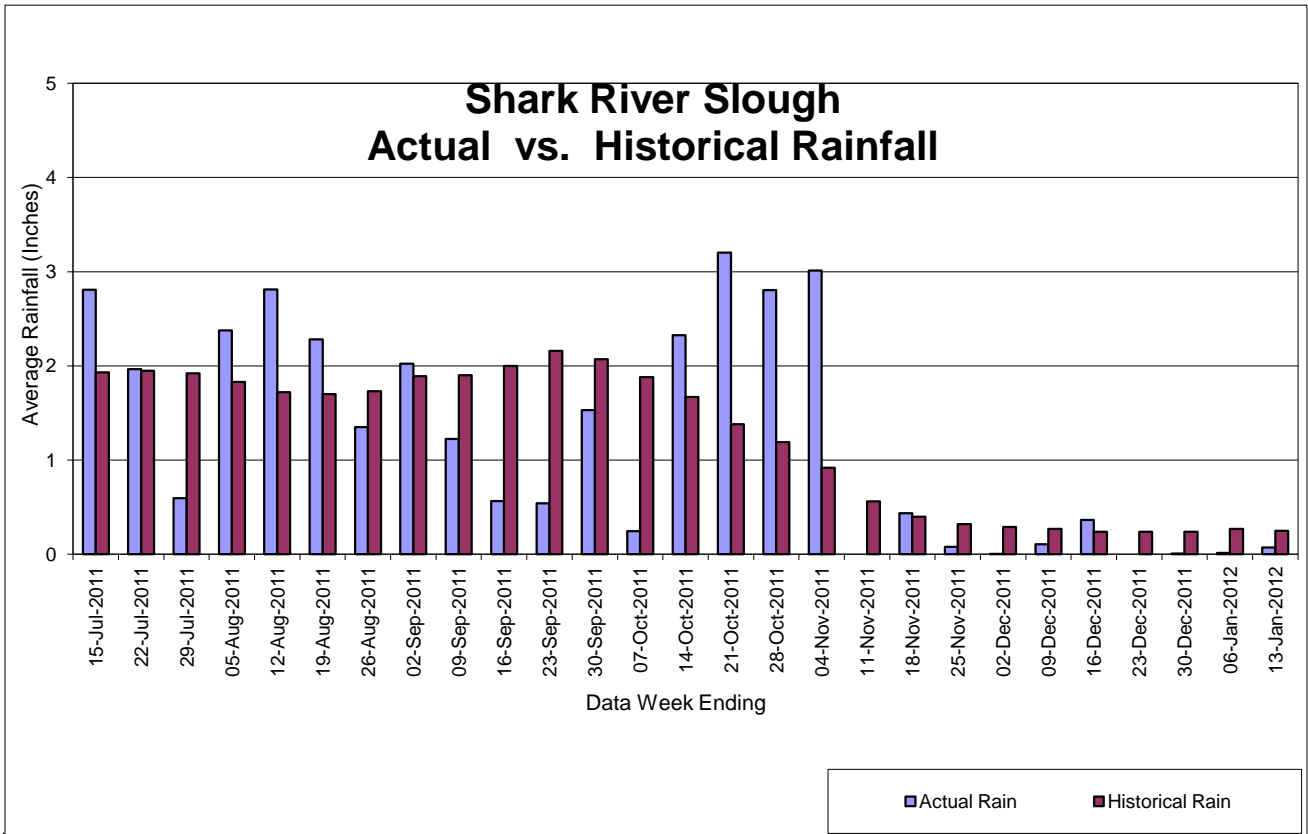
----- Statistical Parameters -----

Rainfall Formula Amount 419 cfs
 Last Week's Rainfall Formula 496 cfs
 Pre-Project Mean Discharge 216 cfs

Rainfall Excess Terms
 RL1 -0.45 RL2 -0.44 RL3 -1.12

COMMENT: S7 and S140 evap data were used. ENP evap data were missing. Estimated WCA-3A stage data used.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 8, 2012 to May 14, 2012 121 cfs

S-12 Discharge 55 cfs
 S-333 Discharge 67 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) April 27, 2012 to May 4, 2012
 Angel's 9.29 ft. msl
 G3273 5.57 ft. msl
5.94 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	2.55	1.25

S-140		1.36
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ENP		M
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This Week's Avg	2.55	1.31
Pre-Project Avg	0.92	1.60

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is	0 cfs
Distance to Bottom of Transition Zone	0.38 feet
Distance to Bottom of Regulatory Zone	0.88 feet

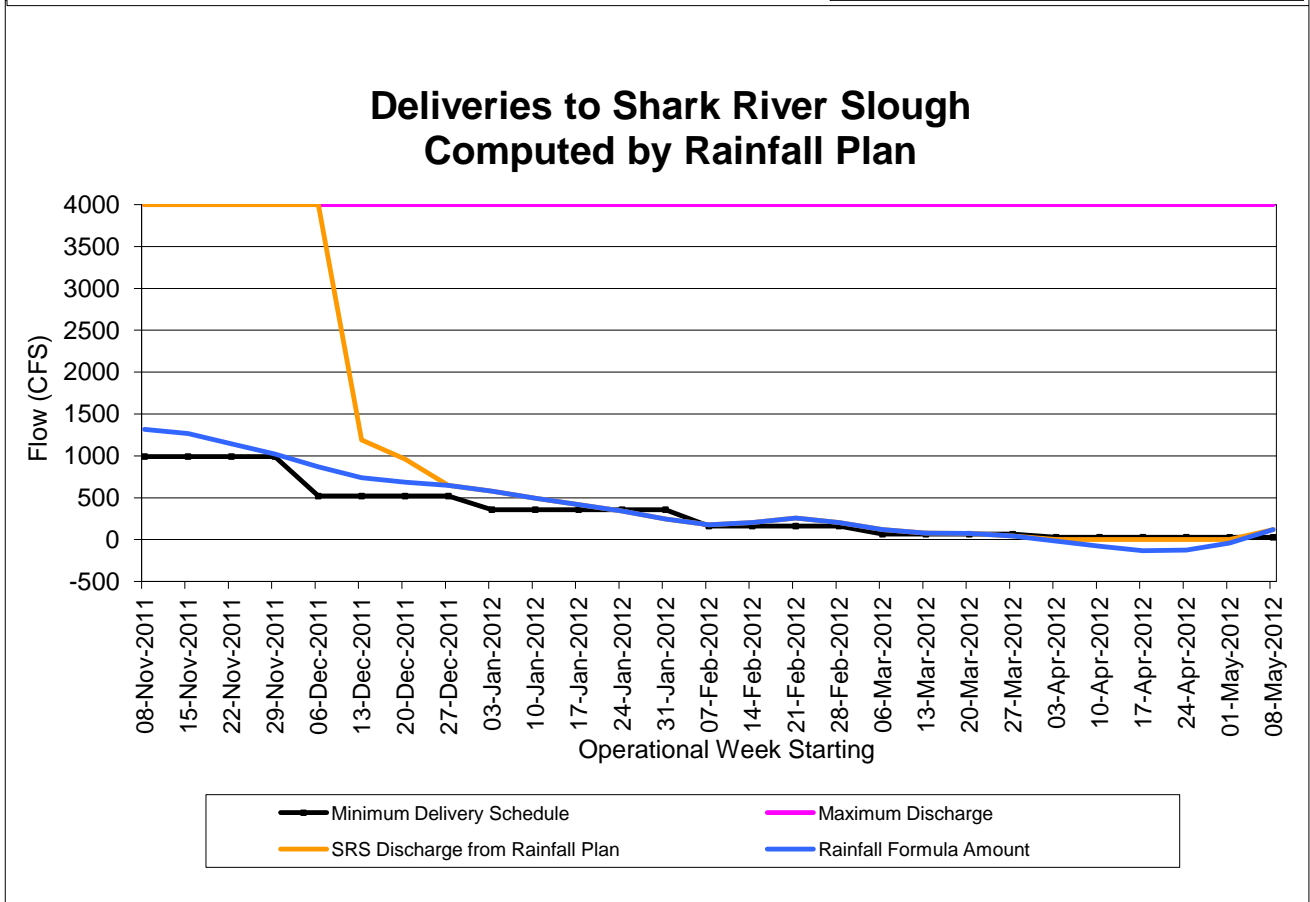
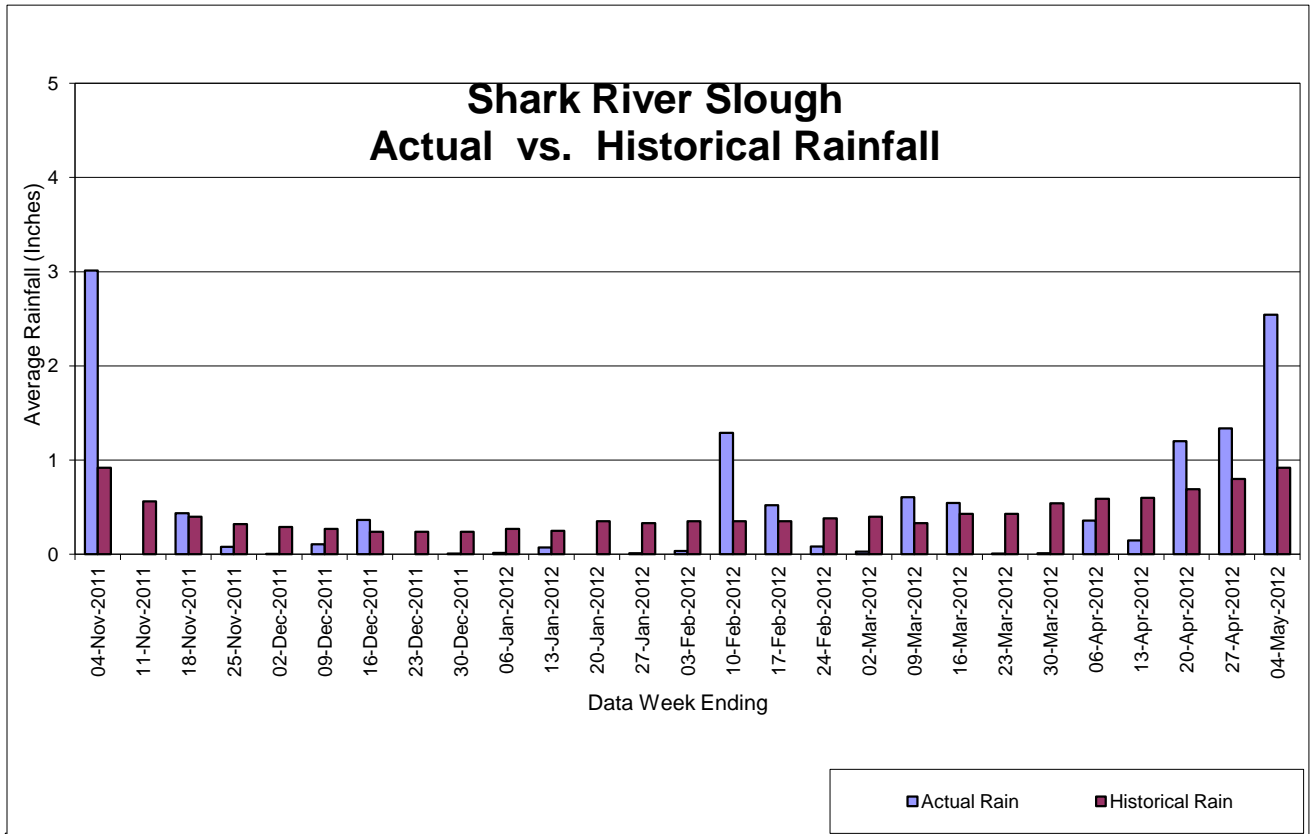
----- Statistical Parameters -----

Rainfall Formula Amount	121 cfs
Last Week's Rainfall Formula	-40 cfs
Pre-Project Mean Discharge	16 cfs

Rainfall Excess Terms				
	RL1 2.30	RL2 -1.40	RL3	-0.98

COMMENT: S140 estimated evap data and S7 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 1, 2012 to May 7, 2012 0 cfs

S-12 Discharge 0 cfs
 S-333 Discharge 0 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) April 20, 2012 to April 27, 2012
 Angel's 9.04 ft. msl
 G3273 4.75 ft. msl
5.00 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.34	1.65

S-140		1.74
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ENP		M
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This Week's Avg	1.34	1.69
Pre-Project Avg	0.80	1.58

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is	0 cfs
Distance to Bottom of Transition Zone	0.68 feet
Distance to Bottom of Regulatory Zone	1.18 feet

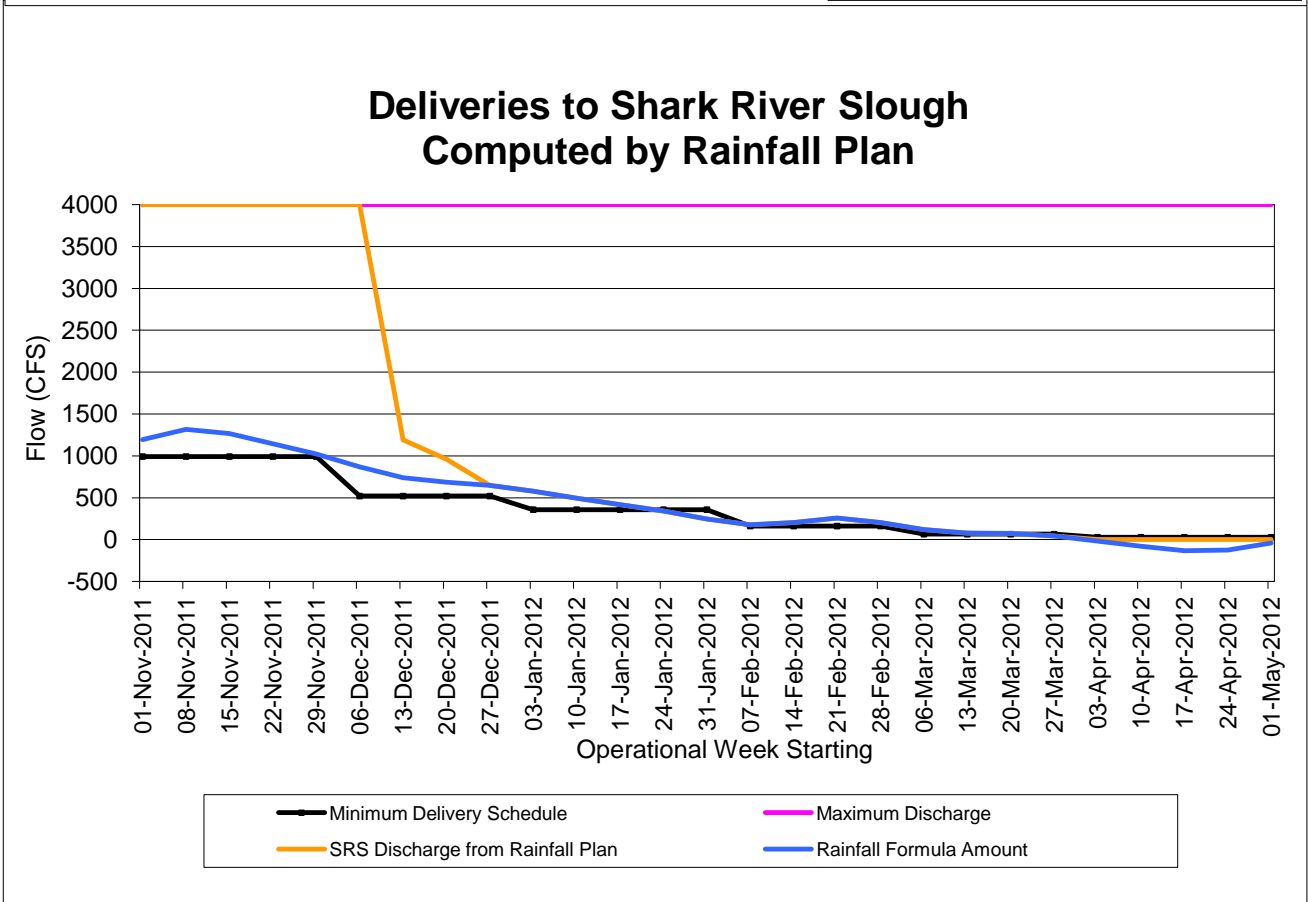
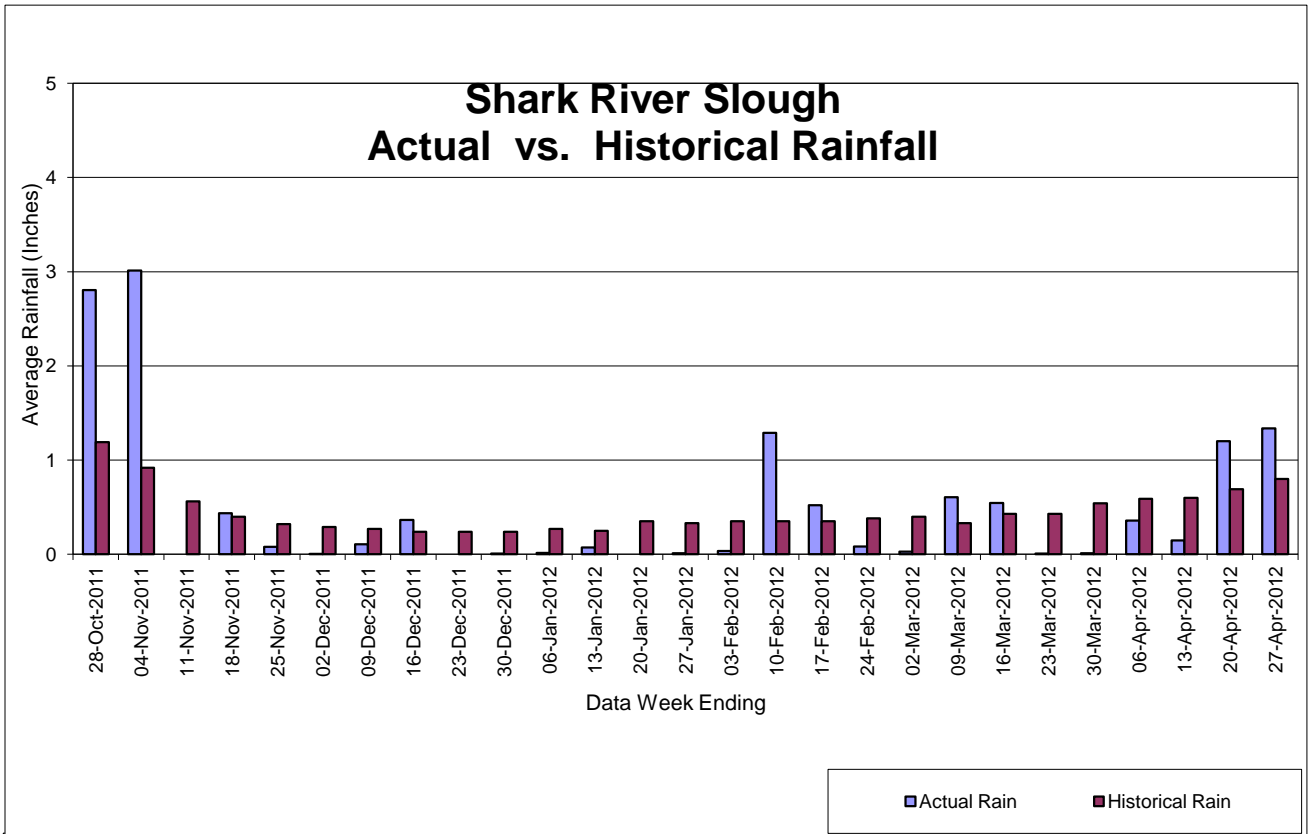
----- Statistical Parameters -----

Rainfall Formula Amount	-40 cfs
Last Week's Rainfall Formula	-123 cfs
Pre-Project Mean Discharge	24 cfs

Rainfall Excess Terms				
	RL1 1.06	RL2 -2.59	RL3 -0.90	

COMMENT: S140 and S7 estimated evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 24, 2012 to April 30, 2012 0 cfs

S-12 Discharge 0 cfs
 S-333 Discharge 0 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) April 13, 2012 to April 20, 2012
 Angel's 9.06 ft. msl
 G3273 5.13 ft. msl
4.57 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.20	1.48
S-140		1.35
ENP		M

This Week's Avg	1.20	1.41
Pre-Project Avg	0.69	1.54

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.70 feet
 Distance to Bottom of Regulatory Zone 1.20 feet

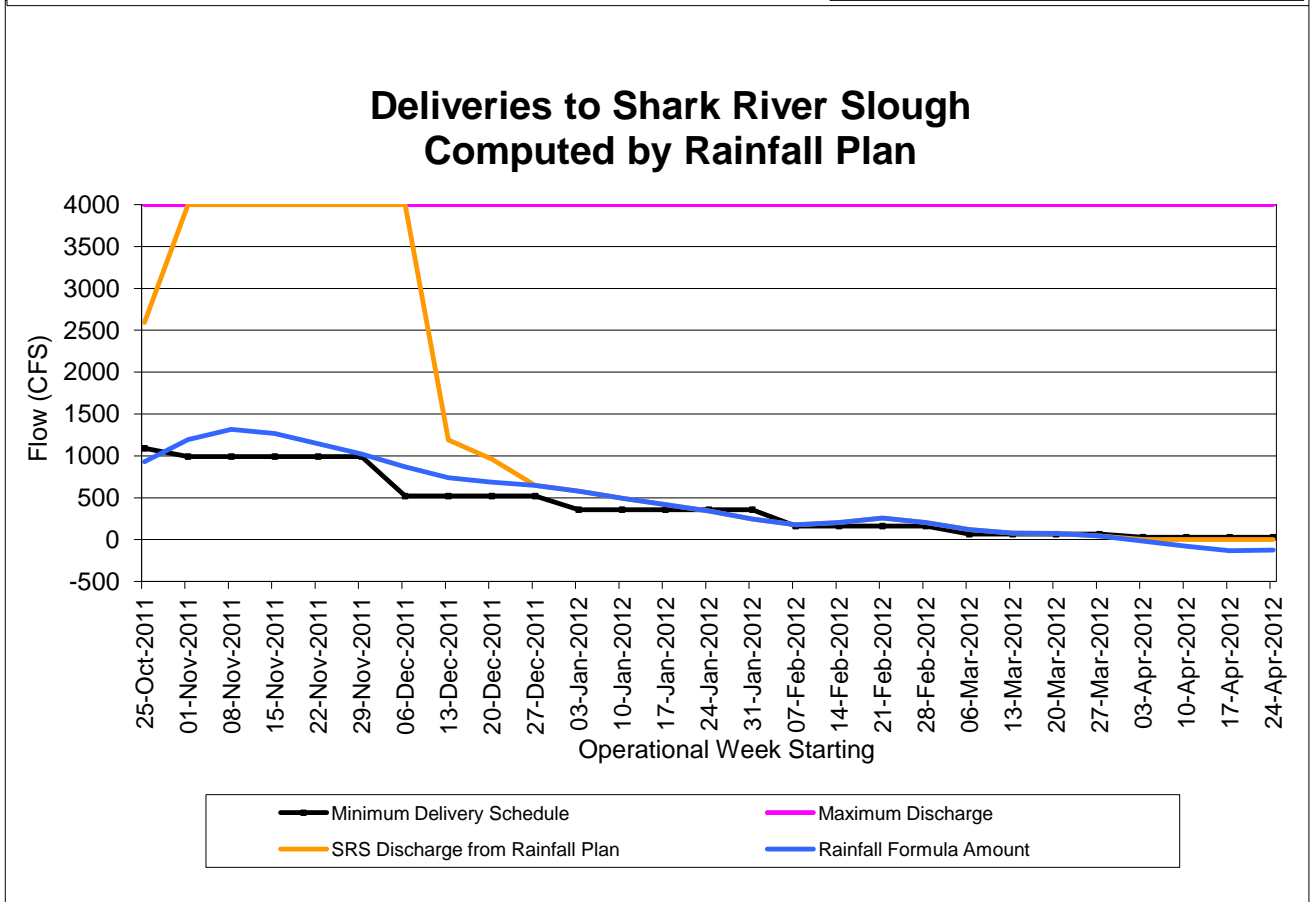
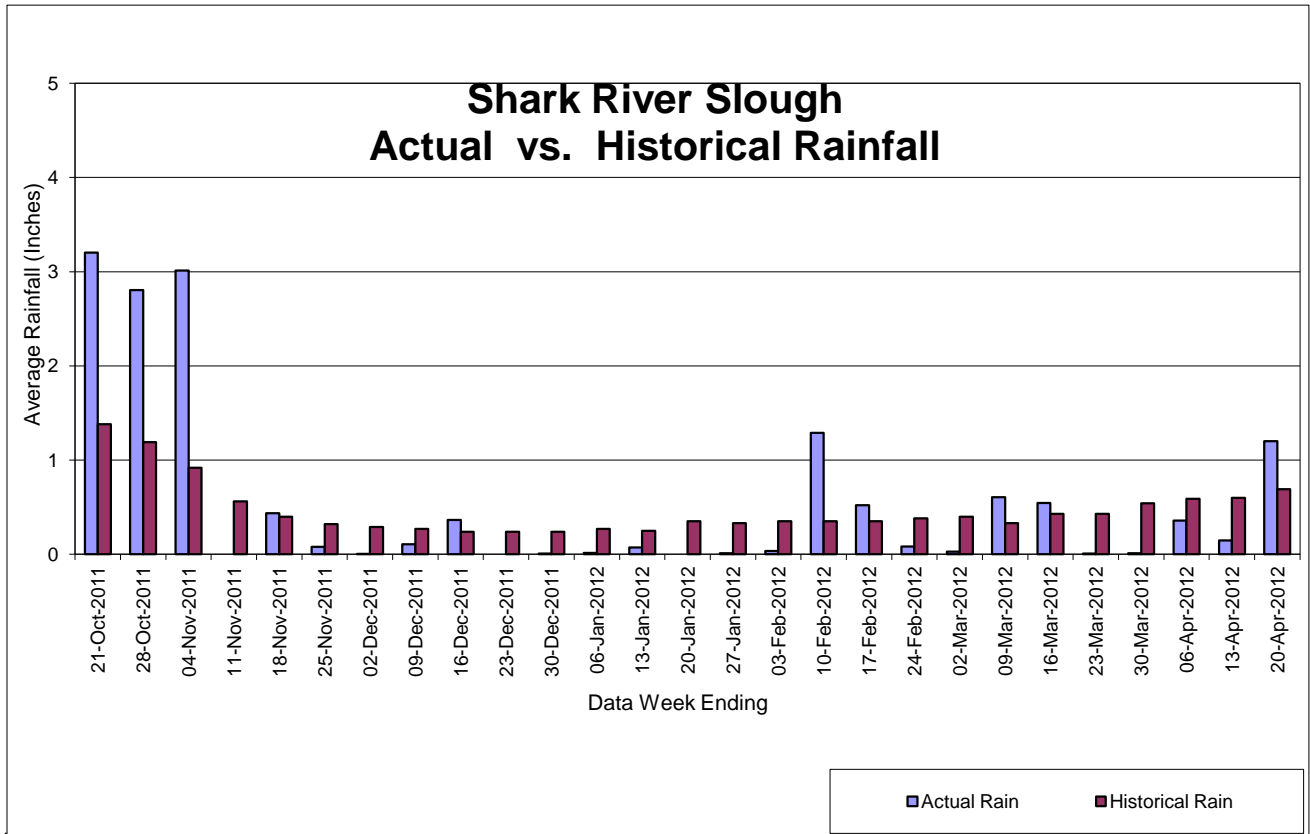
----- Statistical Parameters -----

Rainfall Formula Amount -123 cfs
 Last Week's Rainfall Formula -134 cfs
 Pre-Project Mean Discharge 29 cfs

Rainfall Excess Terms
RL1 -0.06 RL2 -1.83 RL3 -0.88

COMMENT: S140 evap data and estimated S7 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 17, 2012 to April 23, 2012 0 cfs

S-12 Discharge 0 cfs
 S-333 Discharge 0 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) April 6, 2012 to April 13, 2012
 Angel's 9.07 ft. msl
 G3273 3.85 ft. msl
4.07 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.15	1.79
S-140		1.79
ENP		M

This Week's Avg	0.15	1.79
Pre-Project Avg	0.60	1.51

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.74 feet
 Distance to Bottom of Regulatory Zone 1.24 feet

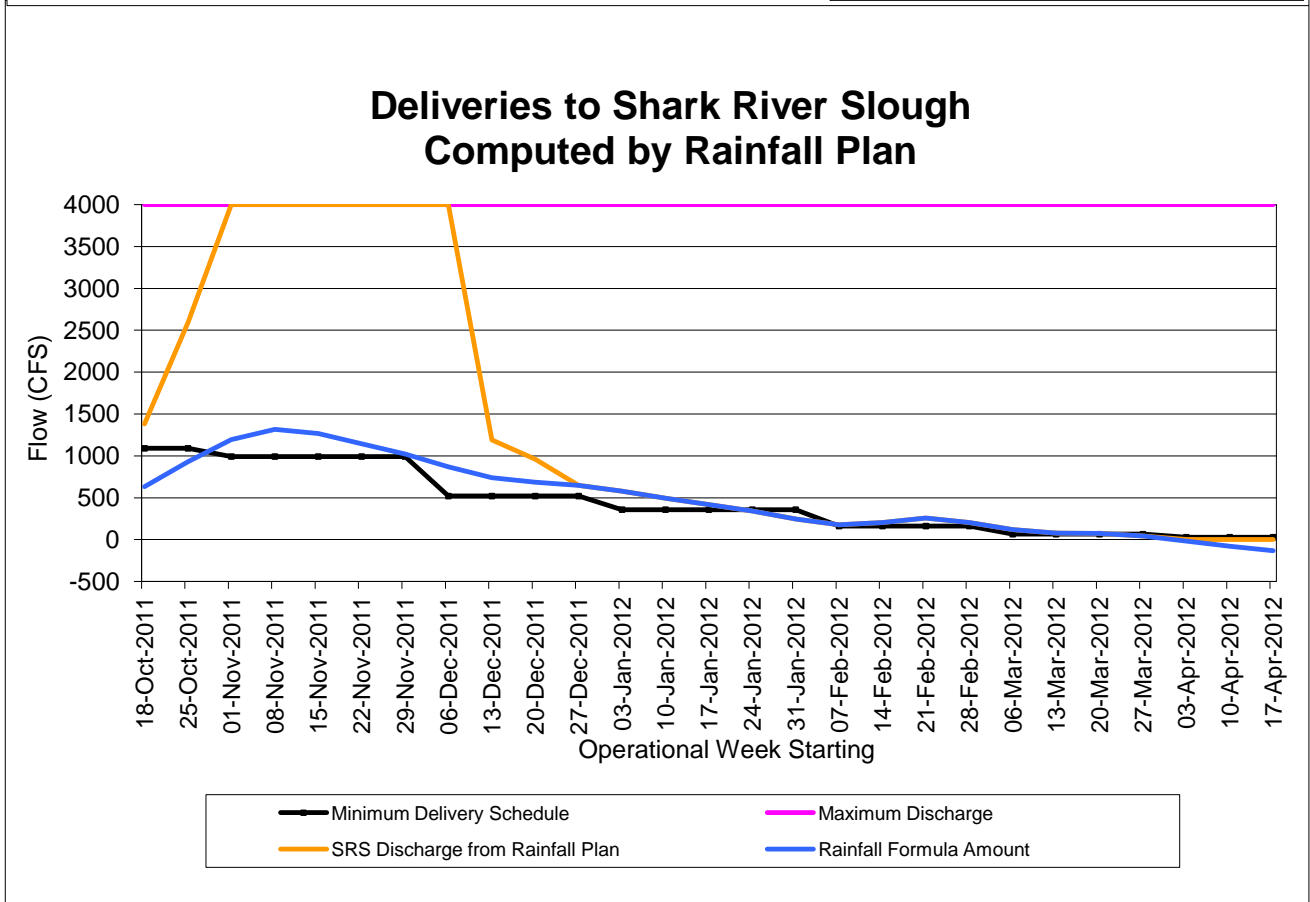
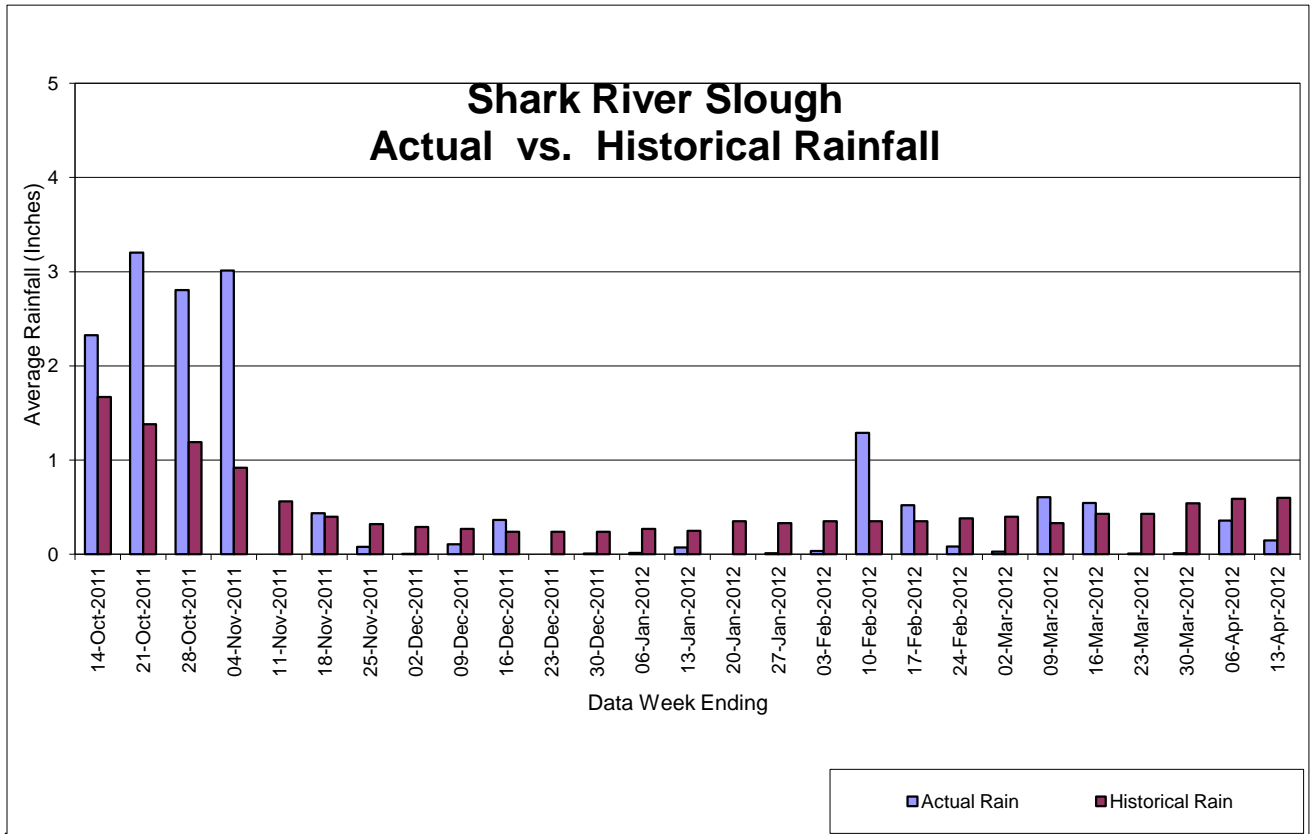
----- Statistical Parameters -----

Rainfall Formula Amount -134 cfs
 Last Week's Rainfall Formula -78 cfs
 Pre-Project Mean Discharge 31 cfs

Rainfall Excess Terms
RL1 -1.26 RL2 -1.17 RL3 0.13

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 10, 2012 to April 16, 2012 0 cfs

S-12 Discharge 0 cfs
 S-333 Discharge 0 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) March 30, 2012 to April 6, 2012
 Angel's 9.22 ft. msl
 G3273 4.07 ft. msl
4.45 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.36	1.73
S-140		2.10
ENP		M

This Week's Avg	0.36	1.91
Pre-Project Avg	0.59	1.47

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.64 feet
 Distance to Bottom of Regulatory Zone 1.14 feet

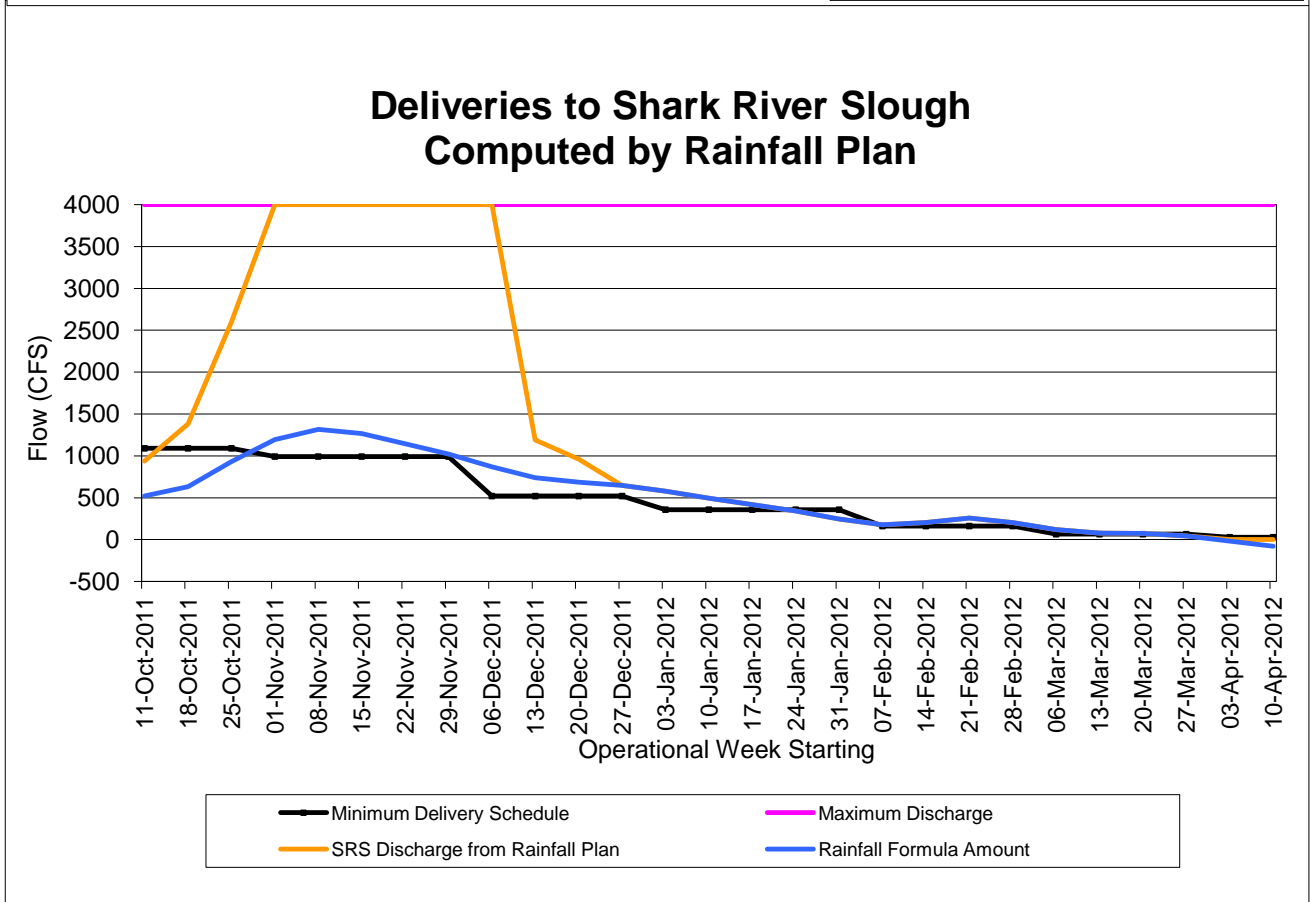
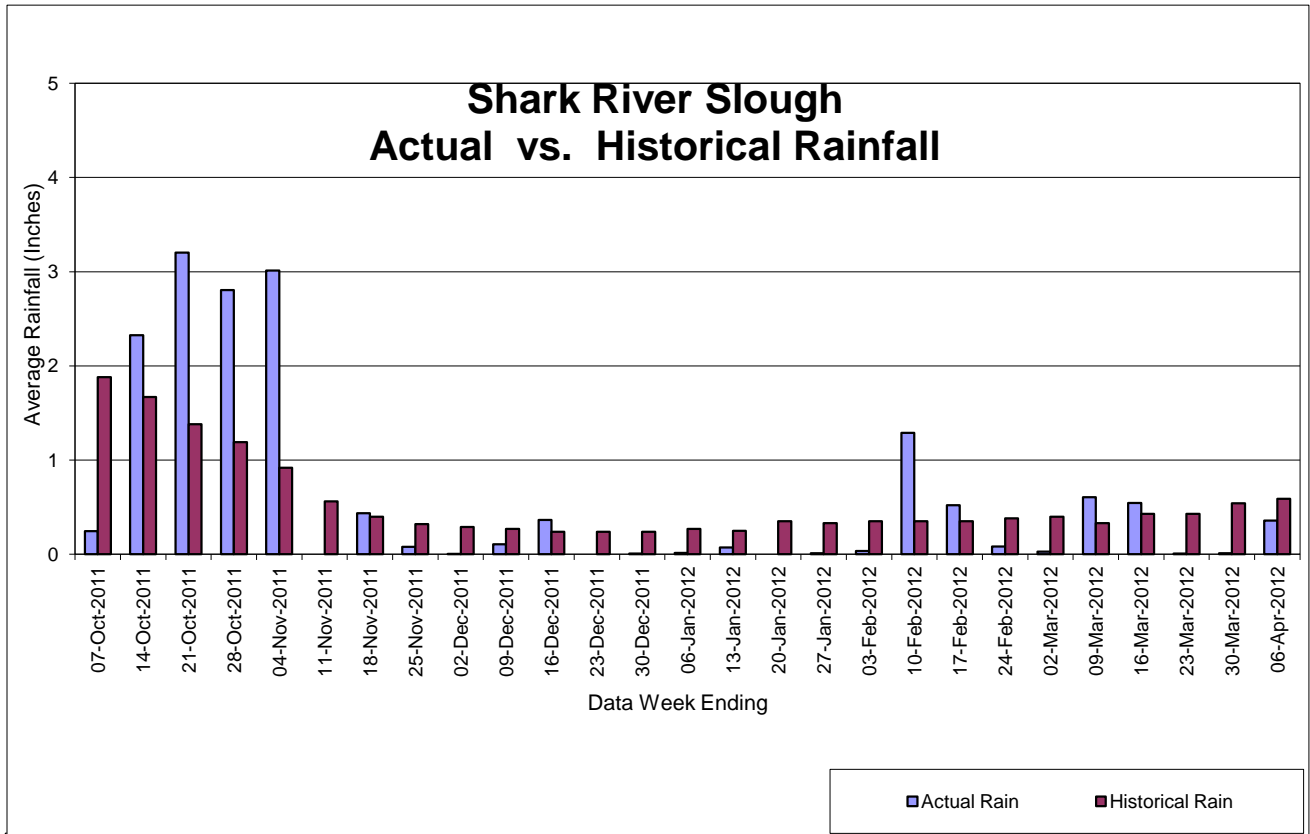
----- Statistical Parameters -----

Rainfall Formula Amount -78 cfs
 Last Week's Rainfall Formula -17 cfs
 Pre-Project Mean Discharge 32 cfs

Rainfall Excess Terms
RL1 -1.33 RL2 -0.98 RL3 0.36

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 3, 2012 to April 9, 2012 0 cfs

S-12 Discharge 0 cfs
 S-333 Discharge 0 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) March 23, 2012 to March 30, 2012
 Angel's 9.35 ft. msl
 G3273 4.30 ft. msl
4.74 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.01	1.65
S-140		1.71
ENP		M

This Week's Avg	0.01	1.68
Pre-Project Avg	0.54	1.41

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.55 feet
 Distance to Bottom of Regulatory Zone 1.05 feet

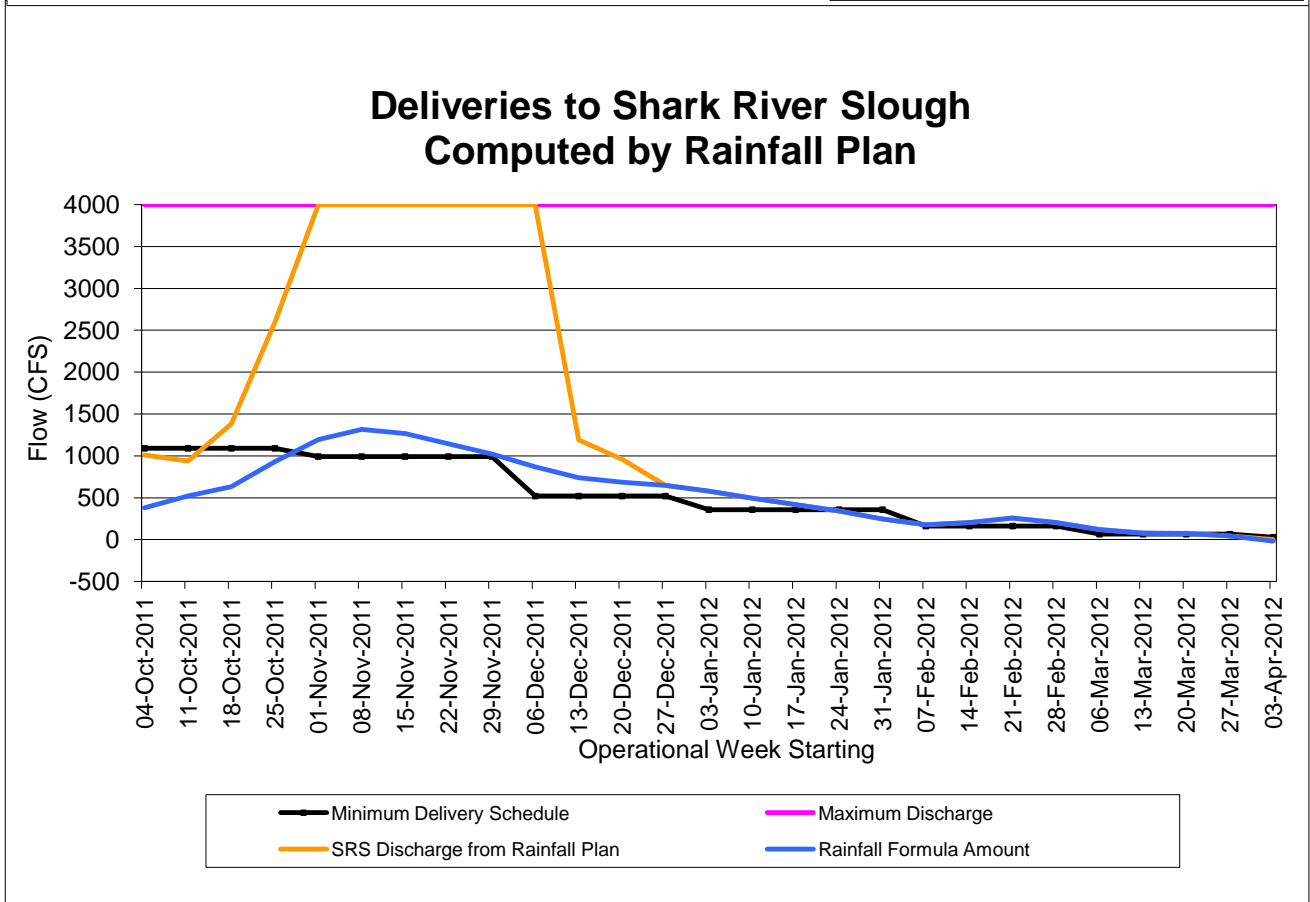
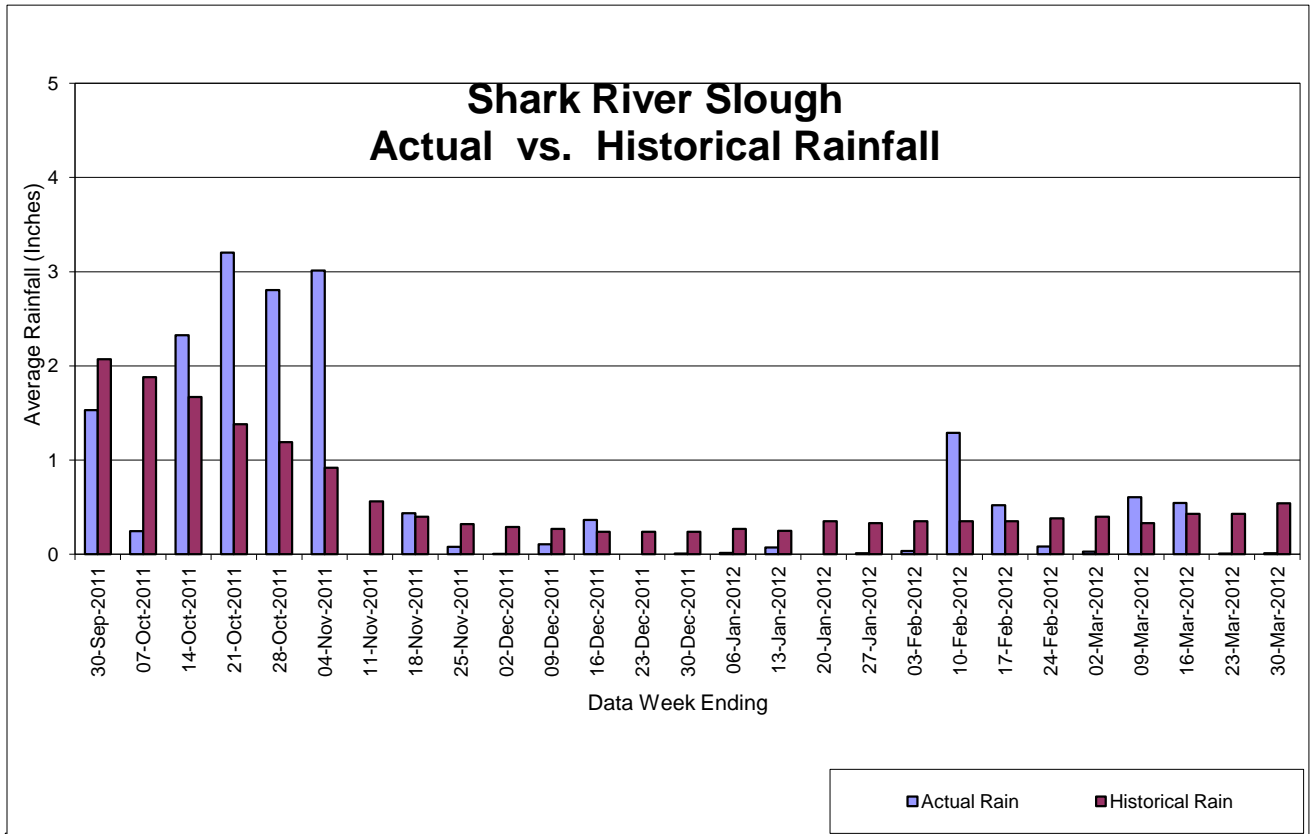
----- Statistical Parameters -----

Rainfall Formula Amount -17 cfs
 Last Week's Rainfall Formula 45 cfs
 Pre-Project Mean Discharge 31 cfs

Rainfall Excess Terms
RL1 -1.32 RL2 -0.90 RL3 0.42

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 27, 2012 to April 2, 2012 45 cfs

S-12 Discharge 20 cfs
 S-333 Discharge 25 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) March 16, 2012 to March 23, 2012
 Angel's 9.50 ft. msl
 G3273 4.79 ft. msl
5.35 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.01	1.46
S-140		1.65
ENP		M

This Week's Avg	0.01	1.55
Pre-Project Avg	0.43	1.36

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.45 feet
 Distance to Bottom of Regulatory Zone 0.95 feet

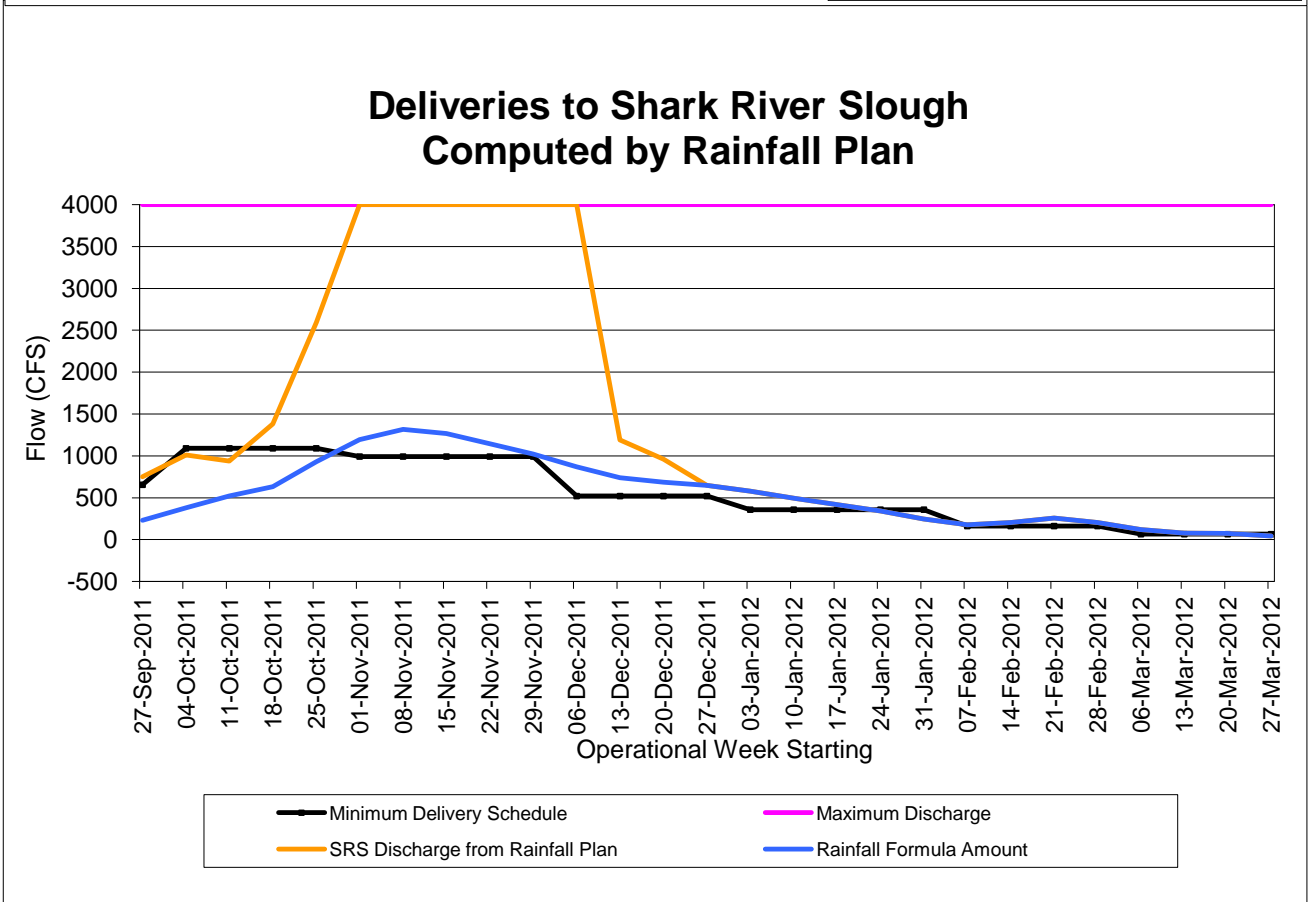
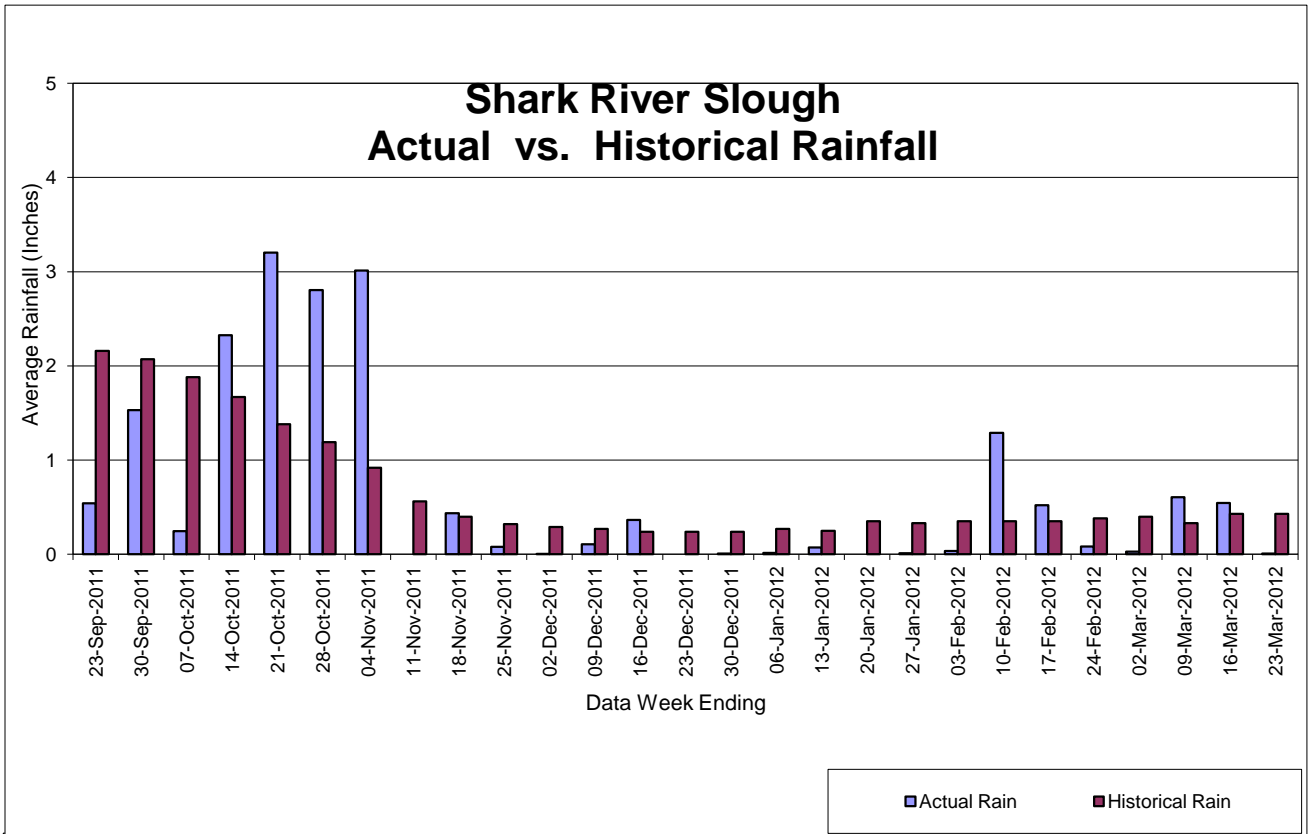
----- Statistical Parameters -----

Rainfall Formula Amount 45 cfs
 Last Week's Rainfall Formula 75 cfs
 Pre-Project Mean Discharge 26 cfs

Rainfall Excess Terms
RL1 -0.50 RL2 -0.88 RL3 -0.10

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 20, 2012 to March 26, 2012 75 cfs

S-12 Discharge 34 cfs
 S-333 Discharge 41 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) March 9, 2012 to March 16, 2012
 Angel's 9.63 ft. msl
 G3273 5.26 ft. msl
5.59 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.55	1.42
S-140		1.25
ENP		M

This Week's Avg	0.55	1.34
Pre-Project Avg	0.43	1.29

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.37 feet
 Distance to Bottom of Regulatory Zone 0.87 feet

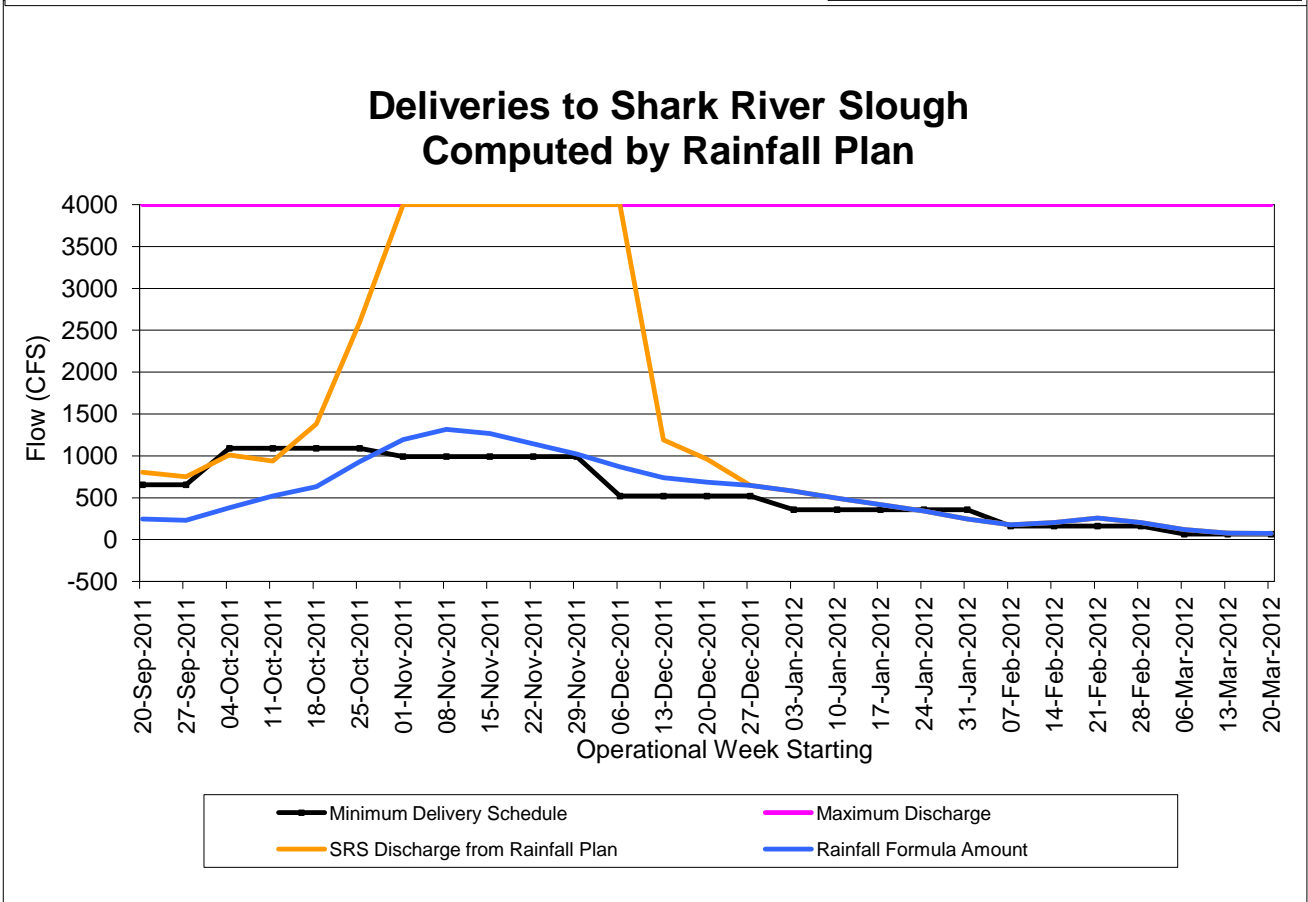
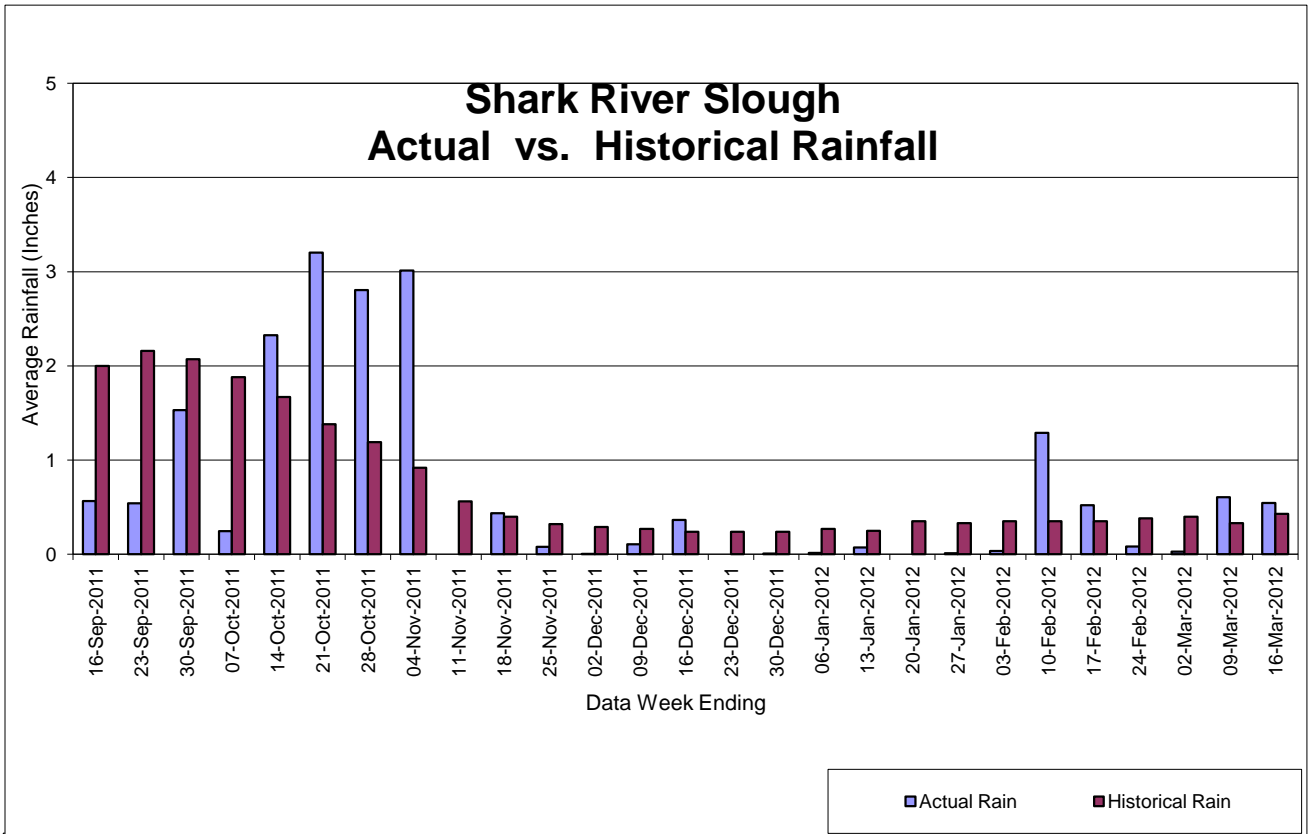
----- Statistical Parameters -----

Rainfall Formula Amount 75 cfs
 Last Week's Rainfall Formula 77 cfs
 Pre-Project Mean Discharge 25 cfs

Rainfall Excess Terms
RL1 0.15 RL2 0.13 RL3 -1.33

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 13, 2012 to March 19, 2012 77 cfs

S-12 Discharge 35 cfs
 S-333 Discharge 42 cfs

----- Data Summary -----
March 2, 2012 to March 9, 2012
 WCA-3A Stage (end of week) 9.69 ft. msl
 Angel's 4.71 ft. msl
 G3273 5.27 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.61	1.46
S-140		1.49
ENP		M

This Week's Avg	0.61	1.48
Pre-Project Avg	0.33	1.22

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.35 feet
 Distance to Bottom of Regulatory Zone 0.85 feet

----- Statistical Parameters -----

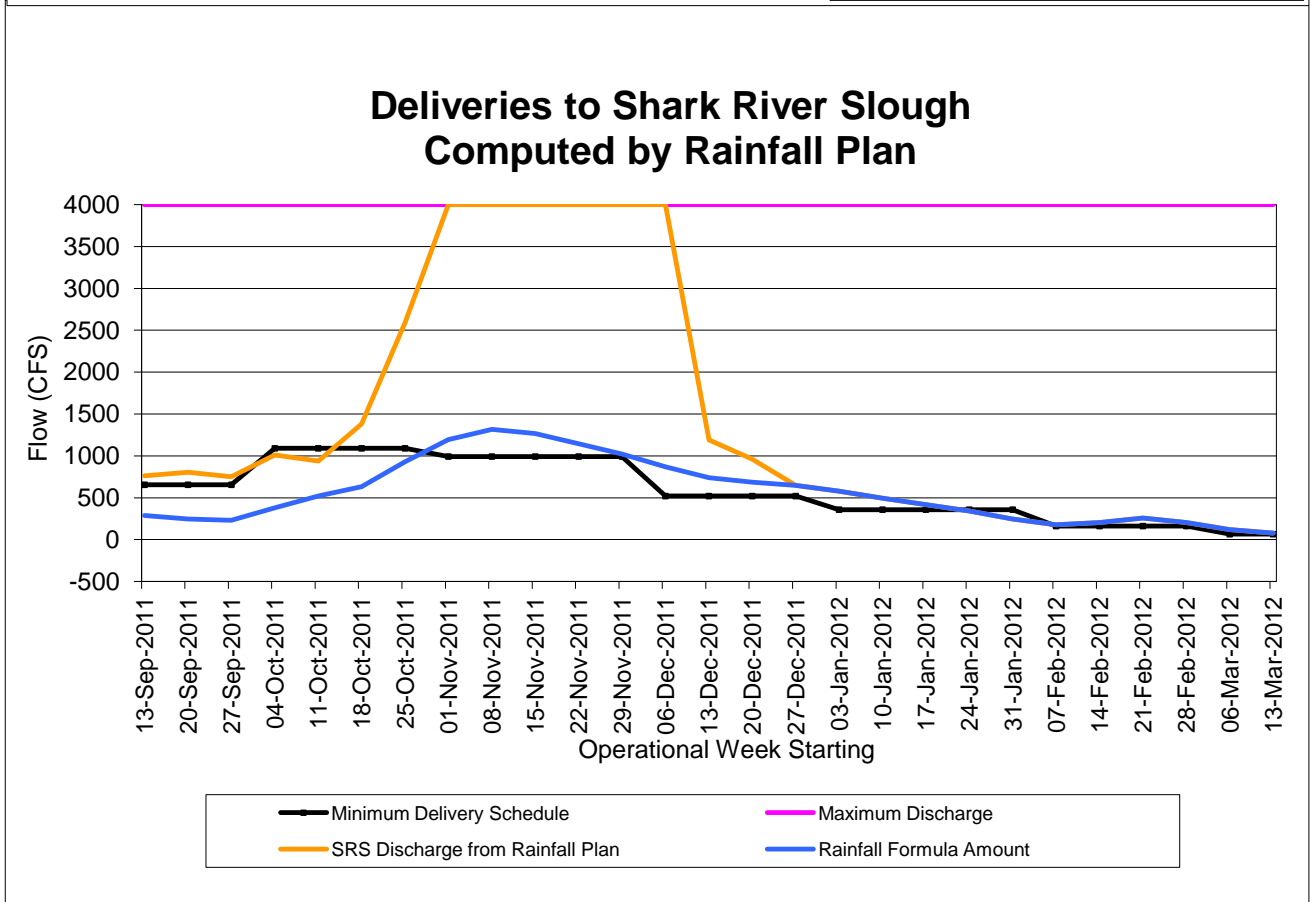
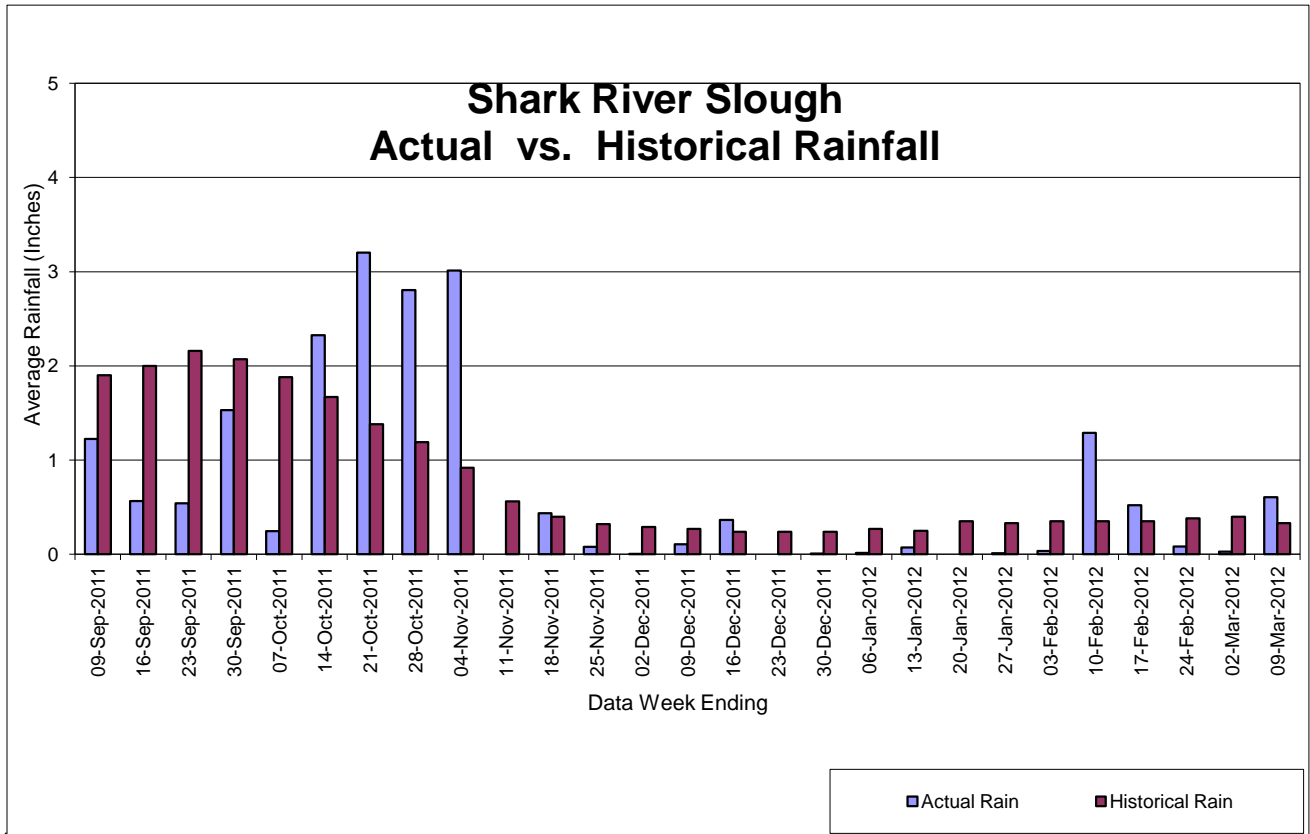
Rainfall Formula Amount 77 cfs
 Last Week's Rainfall Formula 121 cfs
 Pre-Project Mean Discharge 35 cfs

Rainfall Excess Terms

RL1 -0.48	RL2 0.36	RL3 -1.31
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COMMENT: S7 estimated evap data and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 6, 2012 to March 12, 2012 121 cfs

S-12 Discharge 54 cfs
 S-333 Discharge 66 cfs

----- Data Summary -----
 February 24, 2012 to March 2, 2012
 WCA-3A Stage (end of week) 9.77 ft. msl
 Angel's 5.02 ft. msl
 G3273 5.62 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.03	1.25
S-140		1.49
ENP		M

This Week's Avg	0.03	1.37
Pre-Project Avg	0.40	1.15

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.32 feet
 Distance to Bottom of Regulatory Zone 0.82 feet

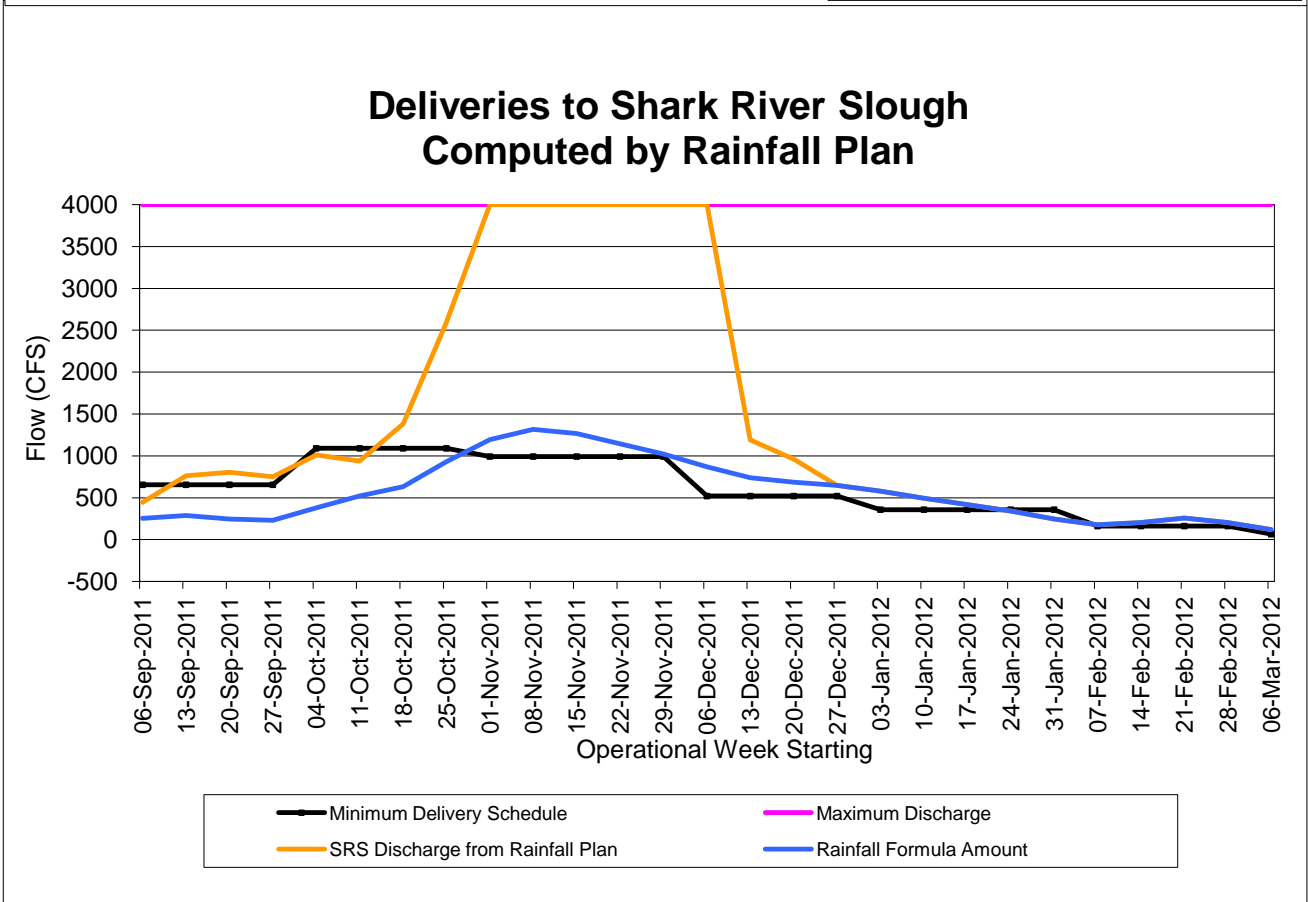
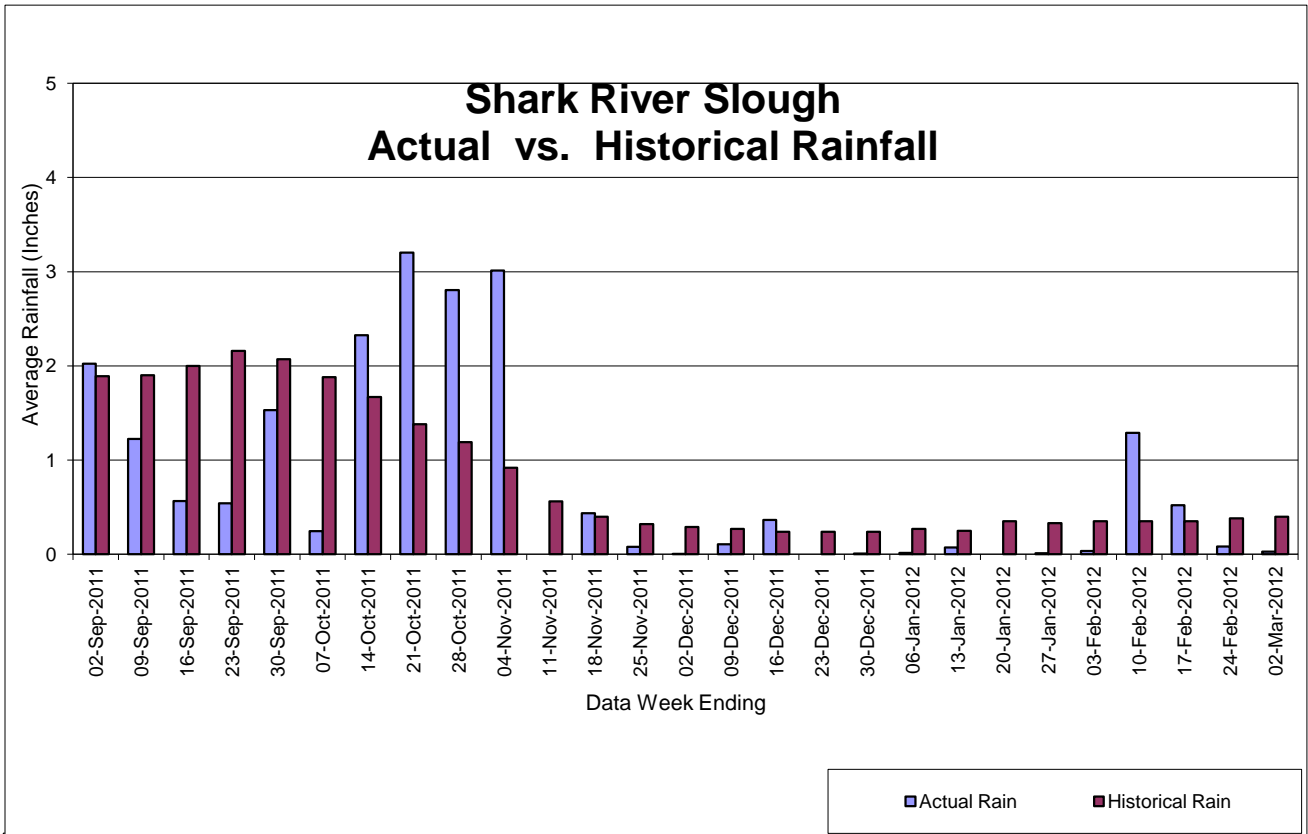
----- Statistical Parameters -----

Rainfall Formula Amount 121 cfs
 Last Week's Rainfall Formula 203 cfs
 Pre-Project Mean Discharge 50 cfs

Rainfall Excess Terms
 RL1 -1.05 RL2 0.42 RL3 -1.18

COMMENT: S7 estimated evap data and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 28, 2012 to March 5, 2012 203 cfs

S-12 Discharge 91 cfs
 S-333 Discharge 112 cfs

----- Data Summary -----
 February 17, 2012 to February 24, 2012
 WCA-3A Stage (end of week) 9.87 ft. msl
 Angel's 5.29 ft. msl
 G3273 5.93 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.08	1.24
S-140		1.43
ENP		M

This Week's Avg	0.08	1.34
Pre-Project Avg	0.38	1.08

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.27 feet
 Distance to Bottom of Regulatory Zone 0.77 feet

----- Statistical Parameters -----

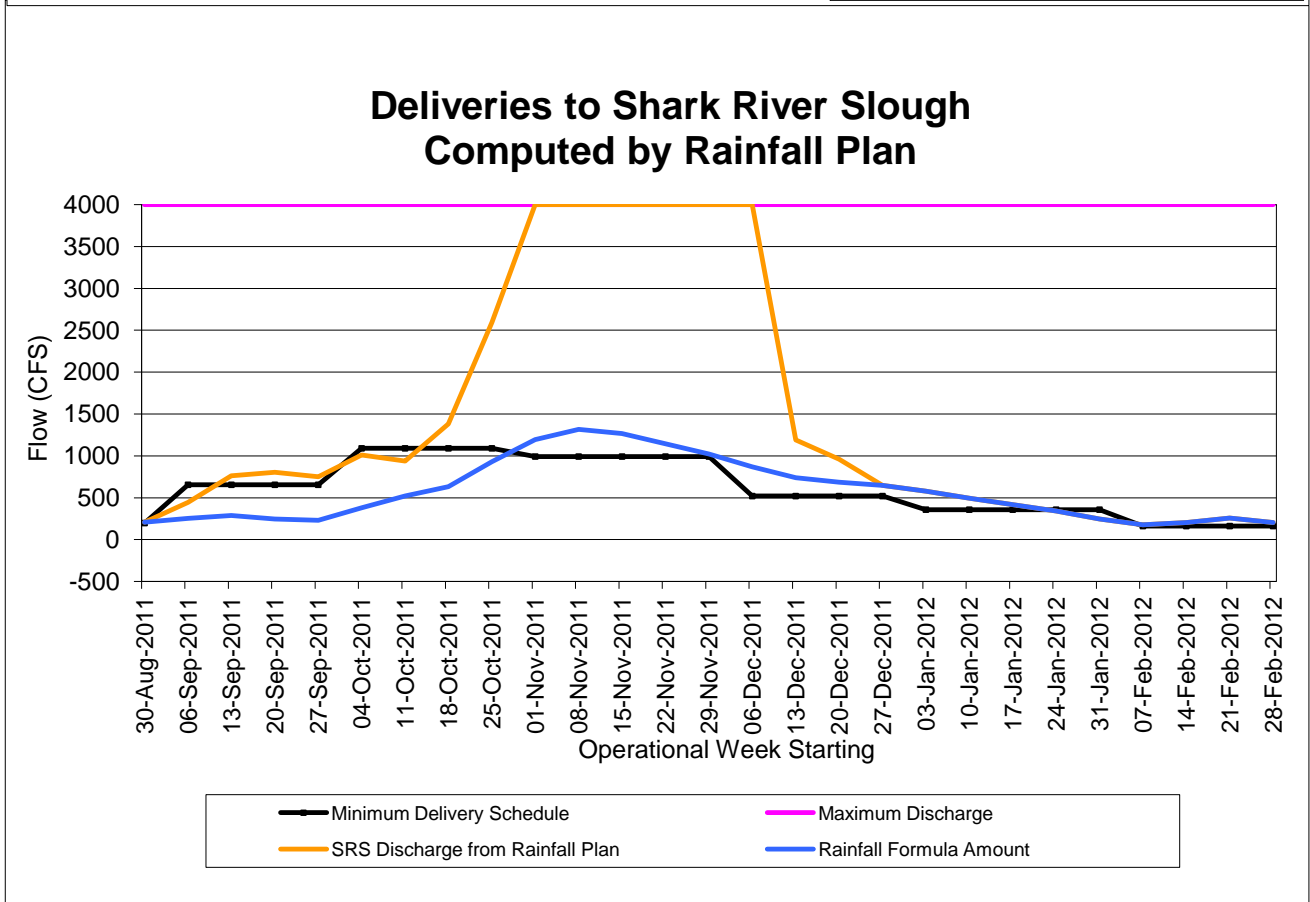
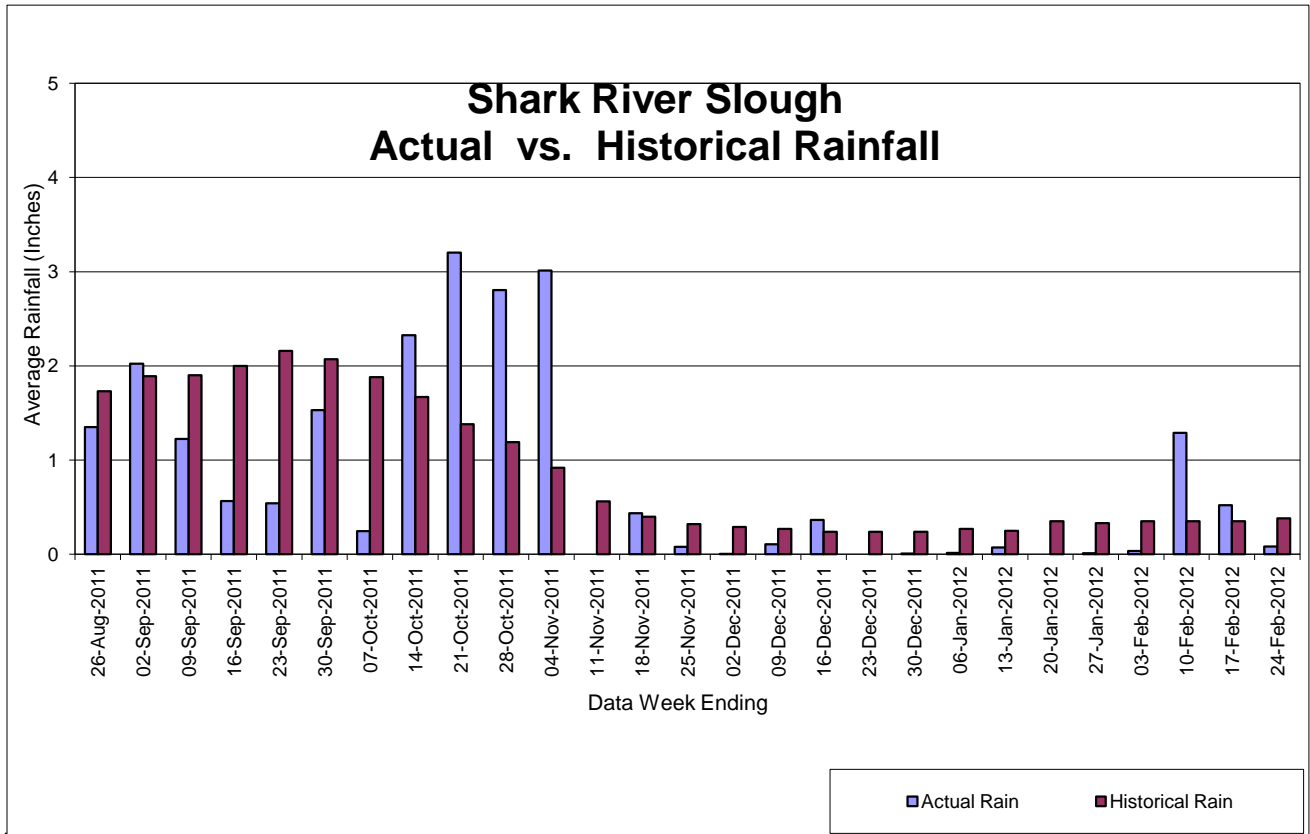
Rainfall Formula Amount 203 cfs
 Last Week's Rainfall Formula 258 cfs
 Pre-Project Mean Discharge 69 cfs

Rainfall Excess Terms

RL1 -0.40	RL2 -0.10	RL3 -0.94
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COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 21, 2012 to February 27, 2012 258 cfs

S-12 Discharge 116 cfs
 S-333 Discharge 142 cfs

----- Data Summary -----
 February 10, 2012 to February 17, 2012
 WCA-3A Stage (end of week) 9.98 ft. msl
 Angel's 5.61 ft. msl
 G3273 6.23 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.52	0.94
S-140		1.26
ENP		M

This Week's Avg	0.52	1.10
Pre-Project Avg	0.35	1.01

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.20 feet
 Distance to Bottom of Regulatory Zone 0.70 feet

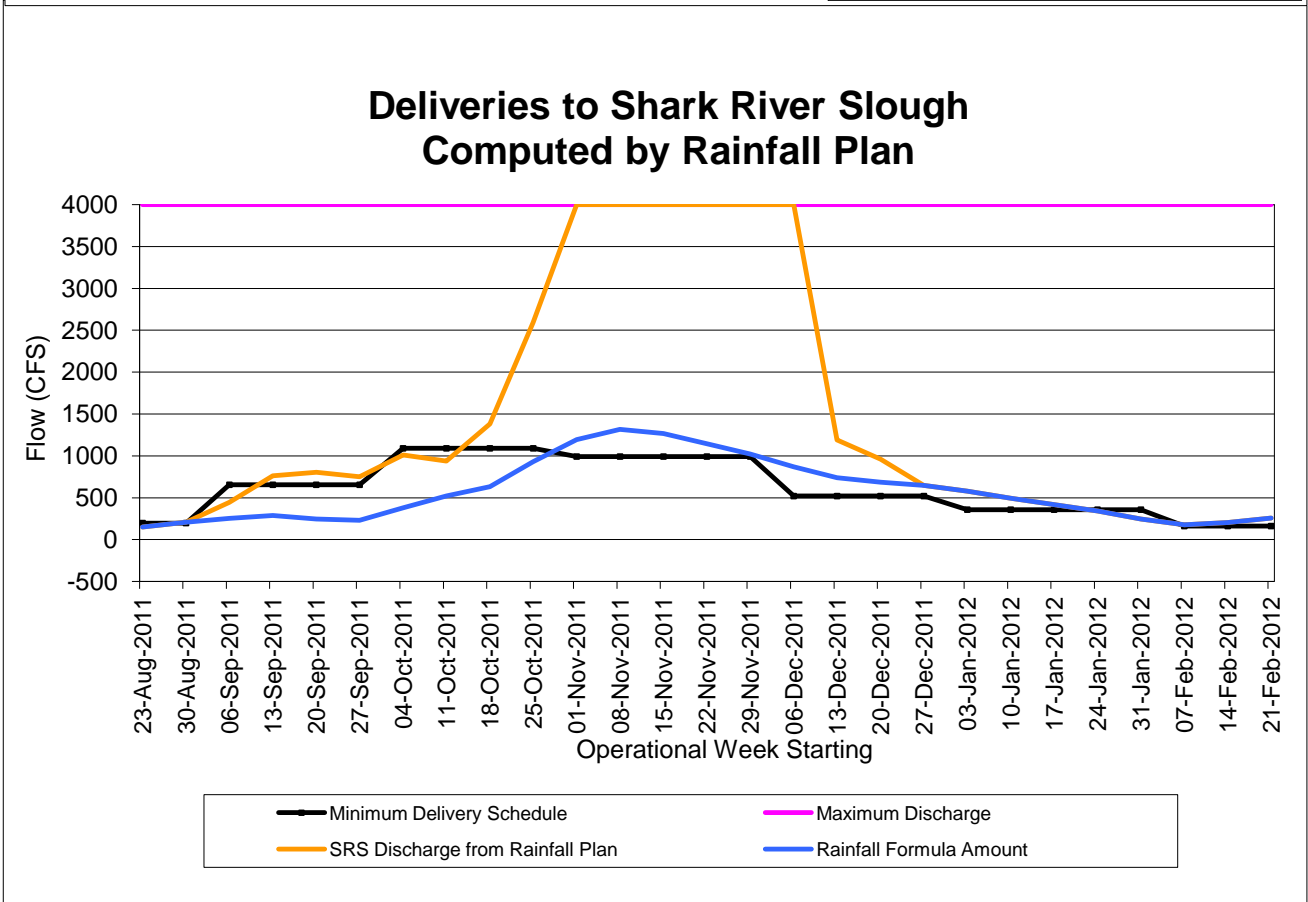
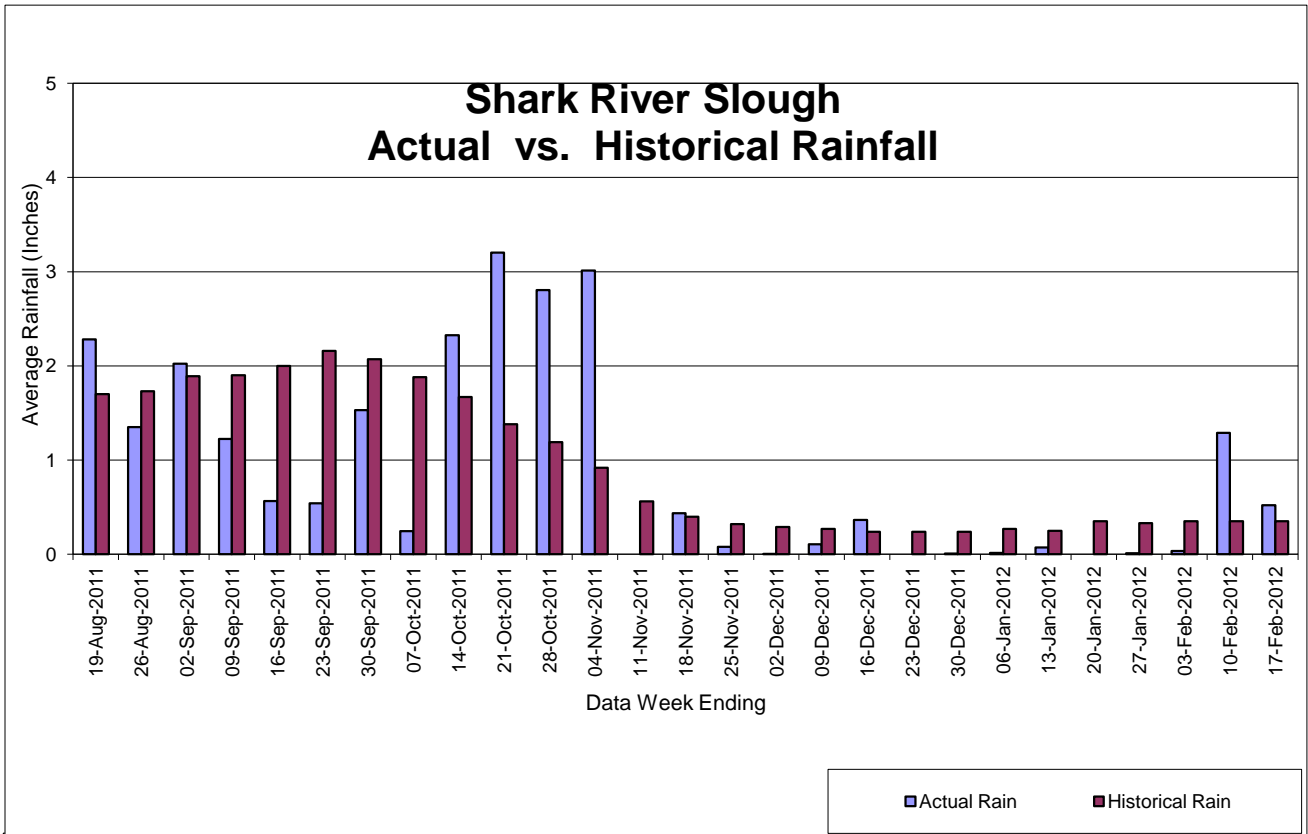
----- Statistical Parameters -----

Rainfall Formula Amount 258 cfs
 Last Week's Rainfall Formula 206 cfs
 Pre-Project Mean Discharge 88 cfs

Rainfall Excess Terms
 RL1 1.18 RL2 -1.33 RL3 -0.62

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 14, 2012 to February 20, 2012 206 cfs

S-12 Discharge 93 cfs
 S-333 Discharge 113 cfs

----- Data Summary -----
 February 3, 2012 to February 10, 2012
 WCA-3A Stage (end of week) 10.02 ft. msl
 Angel's 6.15 ft. msl
 G3273 6.38 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	1.29	0.71
S-140		0.81
ENP		M

This Week's Avg	1.29	0.76
Pre-Project Avg	0.35	0.94

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.21 feet
 Distance to Bottom of Regulatory Zone 0.71 feet

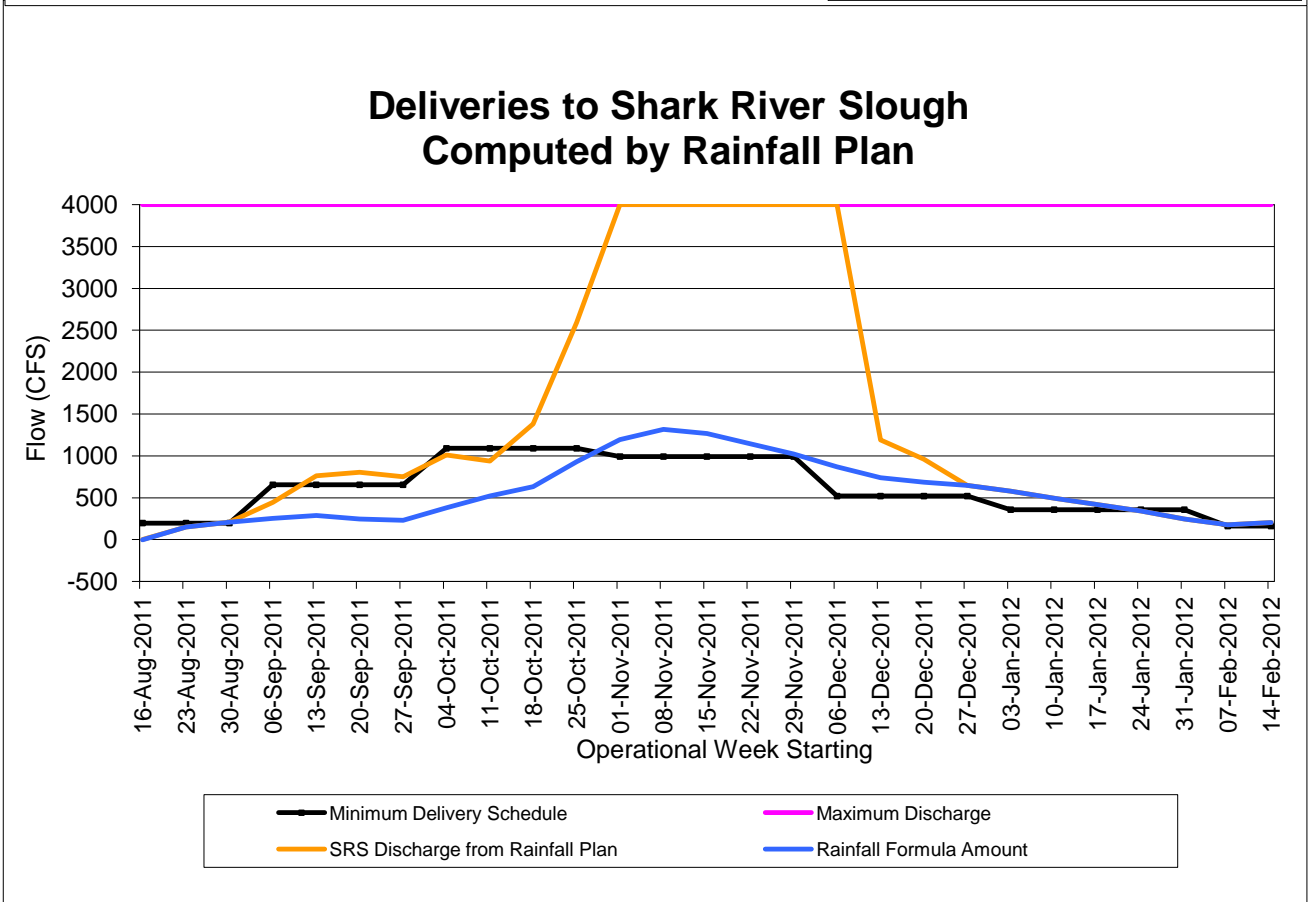
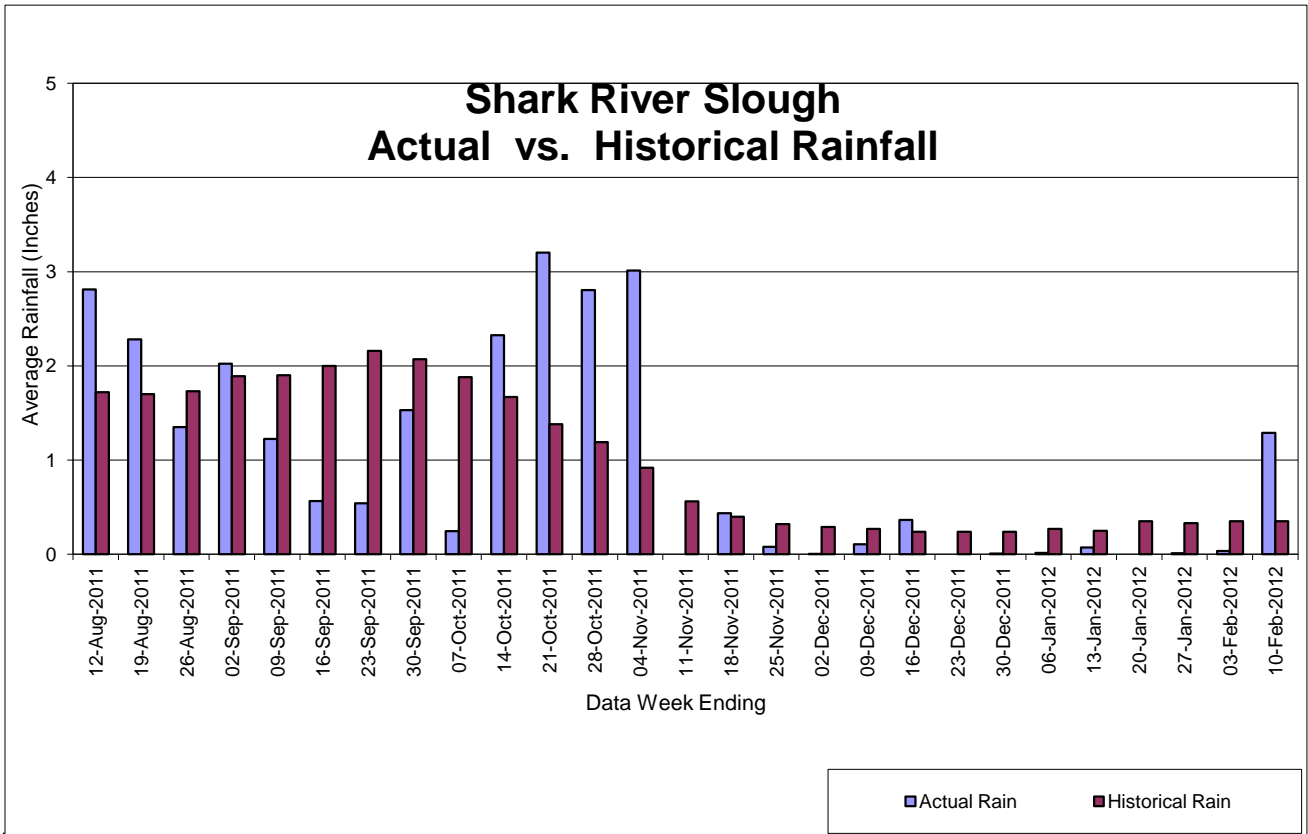
----- Statistical Parameters -----

Rainfall Formula Amount 206 cfs
 Last Week's Rainfall Formula 177 cfs
 Pre-Project Mean Discharge 110 cfs

Rainfall Excess Terms
RL1 0.76 RL2 -1.31 RL3 -0.44

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 7, 2012 to February 13, 2012 177 cfs

S-12 Discharge 79 cfs
 S-333 Discharge 97 cfs

----- Data Summary -----
 January 27, 2012 to February 3, 2012
 WCA-3A Stage (end of week) 9.93 ft. msl
 Angel's 5.07 ft. msl
 G3273 5.87 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.03	0.90
S-140		0.87
ENP		M

This Week's Avg	0.03	0.88
Pre-Project Avg	0.35	0.88

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.34 feet
 Distance to Bottom of Regulatory Zone 0.82 feet

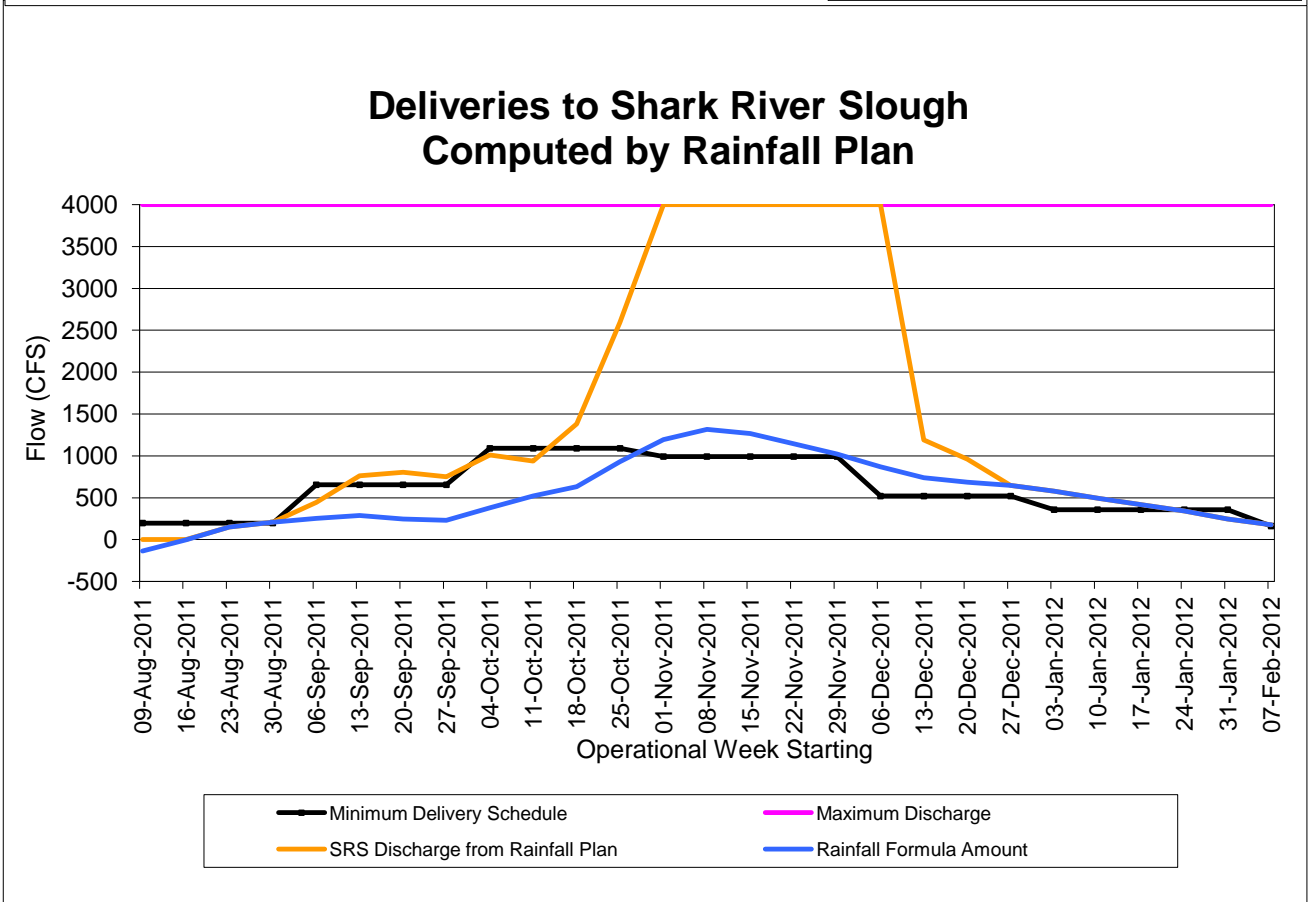
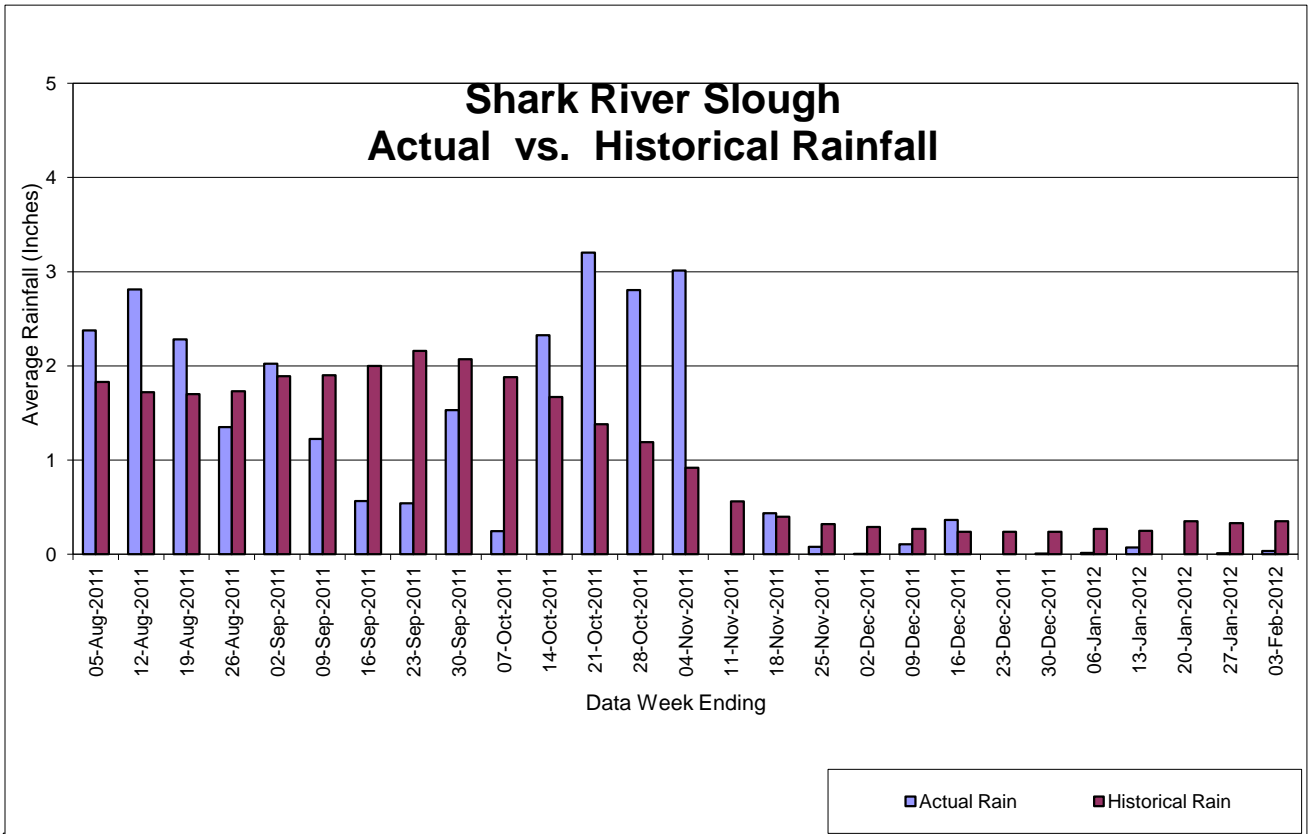
----- Statistical Parameters -----

Rainfall Formula Amount 177 cfs
 Last Week's Rainfall Formula 248 cfs
 Pre-Project Mean Discharge 130 cfs

Rainfall Excess Terms
 RL1 -0.76 RL2 -1.18 RL3 -0.50

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 31, 2012 to February 6, 2012 248 cfs

S-12 Discharge 112 cfs
 S-333 Discharge 136 cfs

----- Data Summary -----
 January 20, 2012 to January 27, 2012
 WCA-3A Stage (end of week) 10.02 ft. msl
 Angel's 5.28 ft. msl
 G3273 6.08 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.01	0.97
S-140		1.00
ENP		M

This Week's Avg	0.01	0.99
Pre-Project Avg	0.33	0.83

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.30 feet
 Distance to Bottom of Regulatory Zone 0.73 feet

----- Statistical Parameters -----

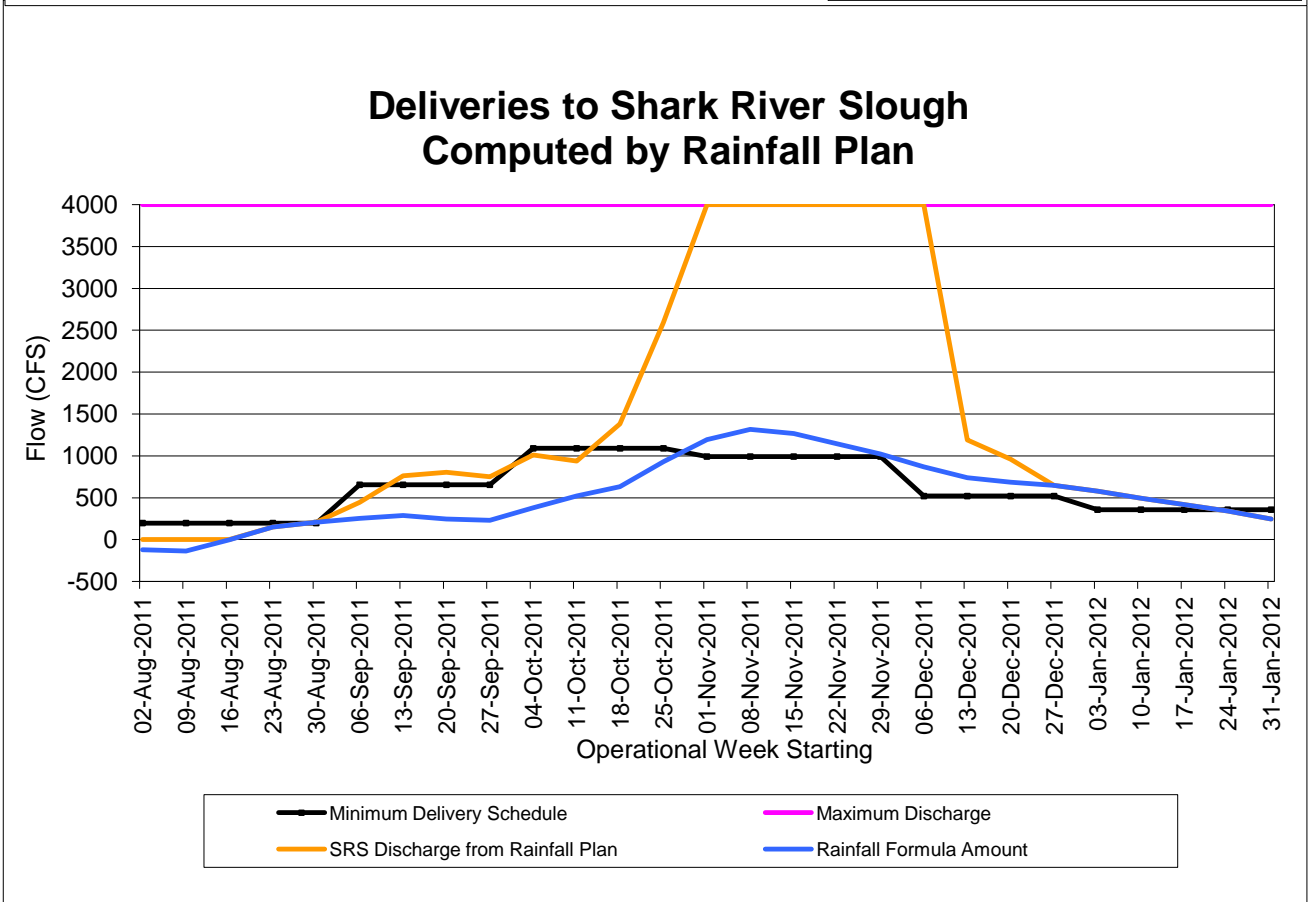
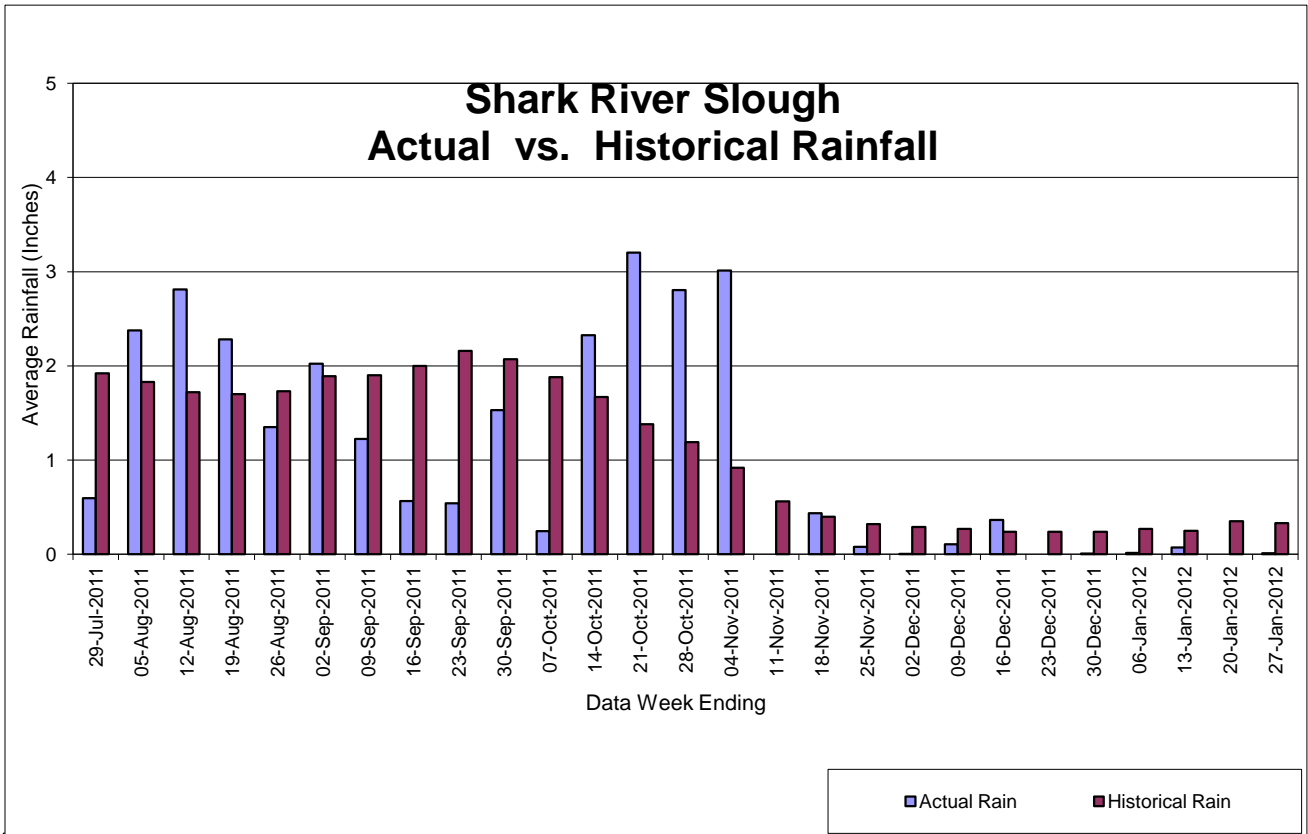
Rainfall Formula Amount 248 cfs
 Last Week's Rainfall Formula 341 cfs
 Pre-Project Mean Discharge 153 cfs

Rainfall Excess Terms

RL1 -0.86	RL2 -0.94	RL3 -0.51
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COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 24, 2012 to January 30, 2012 341 cfs

S-12 Discharge 153 cfs
 S-333 Discharge 187 cfs

----- Data Summary -----
 January 13, 2012 to January 20, 2012
 WCA-3A Stage (end of week) 10.12 ft. msl
 Angel's 5.44 ft. msl
 G3273 6.23 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.00	0.83
S-140		0.96
ENP		M

This Week's Avg	0.00	0.89
Pre-Project Avg	0.35	0.81

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.25 feet
 Distance to Bottom of Regulatory Zone 0.63 feet

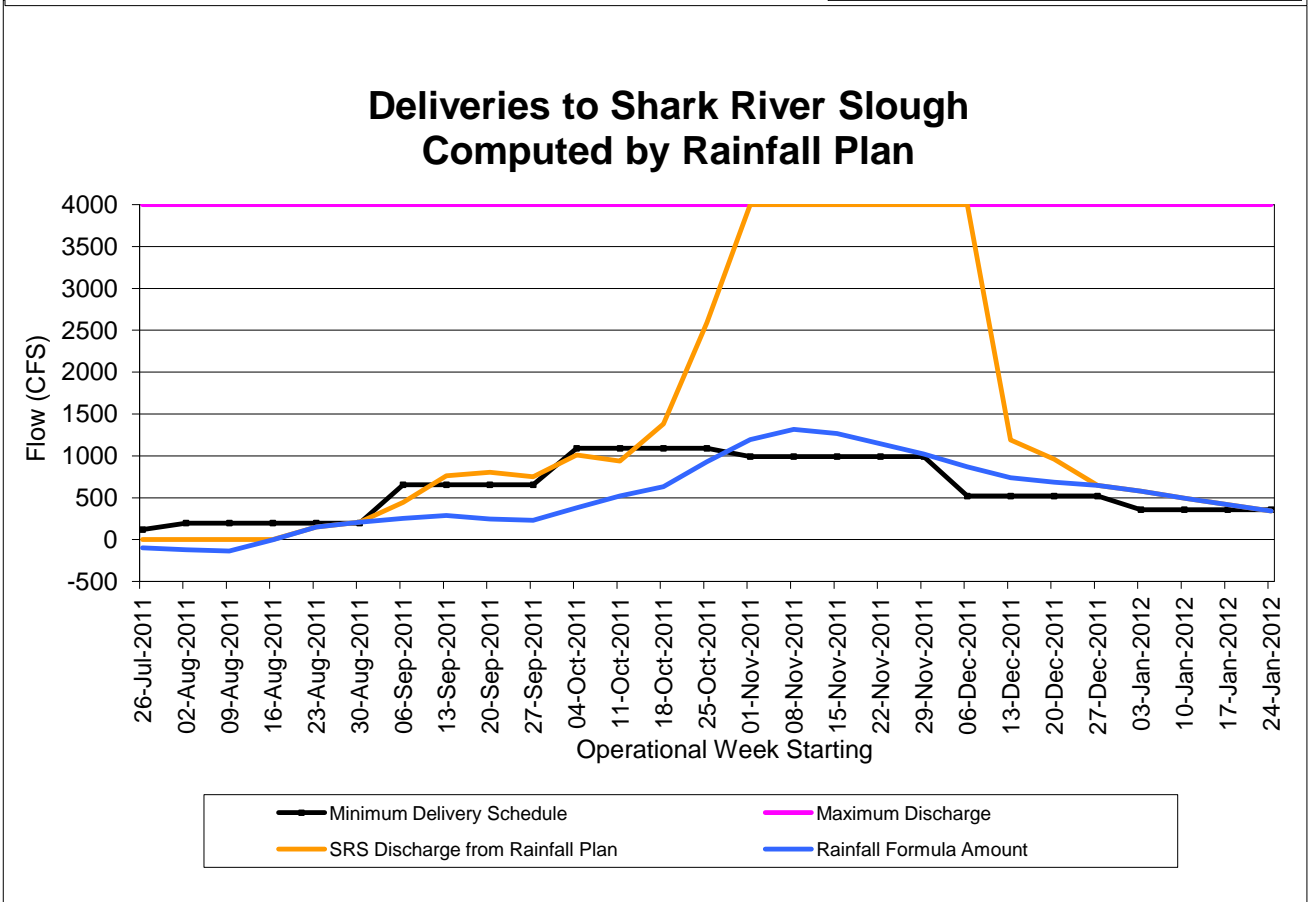
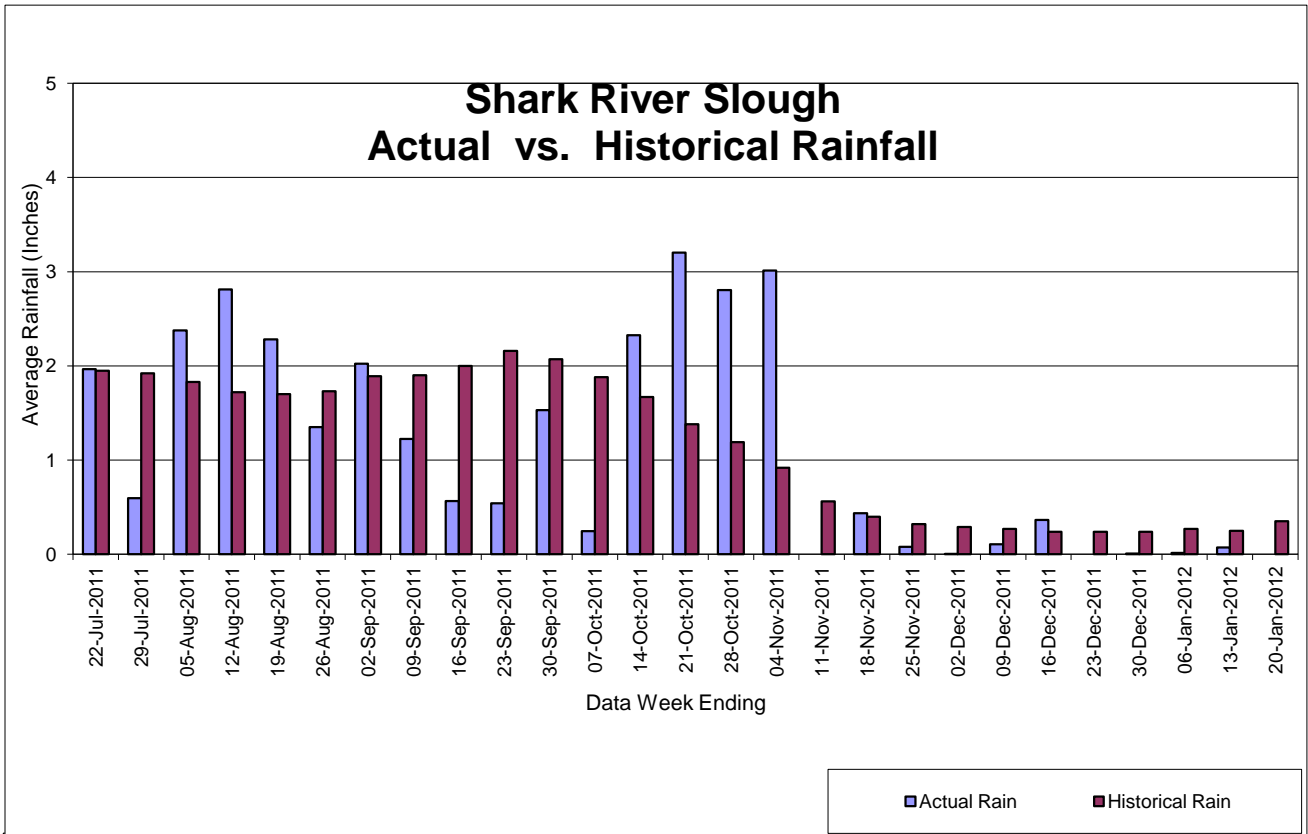
----- Statistical Parameters -----

Rainfall Formula Amount 341 cfs
 Last Week's Rainfall Formula 419 cfs
 Pre-Project Mean Discharge 186 cfs

Rainfall Excess Terms
 RL1 -0.56 RL2 -0.62 RL3 -0.63

COMMENT: S7 and S140 evap data were used. ENP evap data were missing. Estimated WCA-3A stage data used.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 10, 2012 to January 16, 2012 496 cfs

S-12 Discharge 223 cfs
 S-333 Discharge 273 cfs

----- Data Summary -----
 December 30, 2011 to January 6, 2012
 WCA-3A Stage (end of week) 10.30 ft. msl
 Angel's 5.73 ft. msl
 G3273 6.47 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
NEXRAD Rain for WCA-3A and S7 evaporation	0.02	0.76
S-140		0.85
ENP		M

This Week's Avg	0.02	0.81
Pre-Project Avg	0.27	0.75

----- Transition Zone Information -----

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.16 feet
 Distance to Bottom of Regulatory Zone 0.45 feet

----- Statistical Parameters -----

Rainfall Formula Amount 496 cfs
 Last Week's Rainfall Formula 578 cfs
 Pre-Project Mean Discharge 247 cfs

Rainfall Excess Terms
 RL1 -0.61 RL2 -0.50 RL3 1.31

COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

***NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.**

