

WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 4, 2011 to January 10, 2011 0 cfs

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

----- Data Summary ----- December 24, 2010 to December 31, 2010
 WCA-3A Stage (end of week) 9.57 ft. msl
 Angel's 5.00 ft. msl
 G3273 5.72 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.22	0.87
S-8	0.27	
S-9	0.10	
S-140	0.29	0.71
S-12D	0.19	
S-336	0.25	
ENP	0.09	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.20	0.79
Pre-Project Avg	0.24	0.75

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

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.93 feet
 Distance to Bottom of Regulatory Zone 1.18 feet

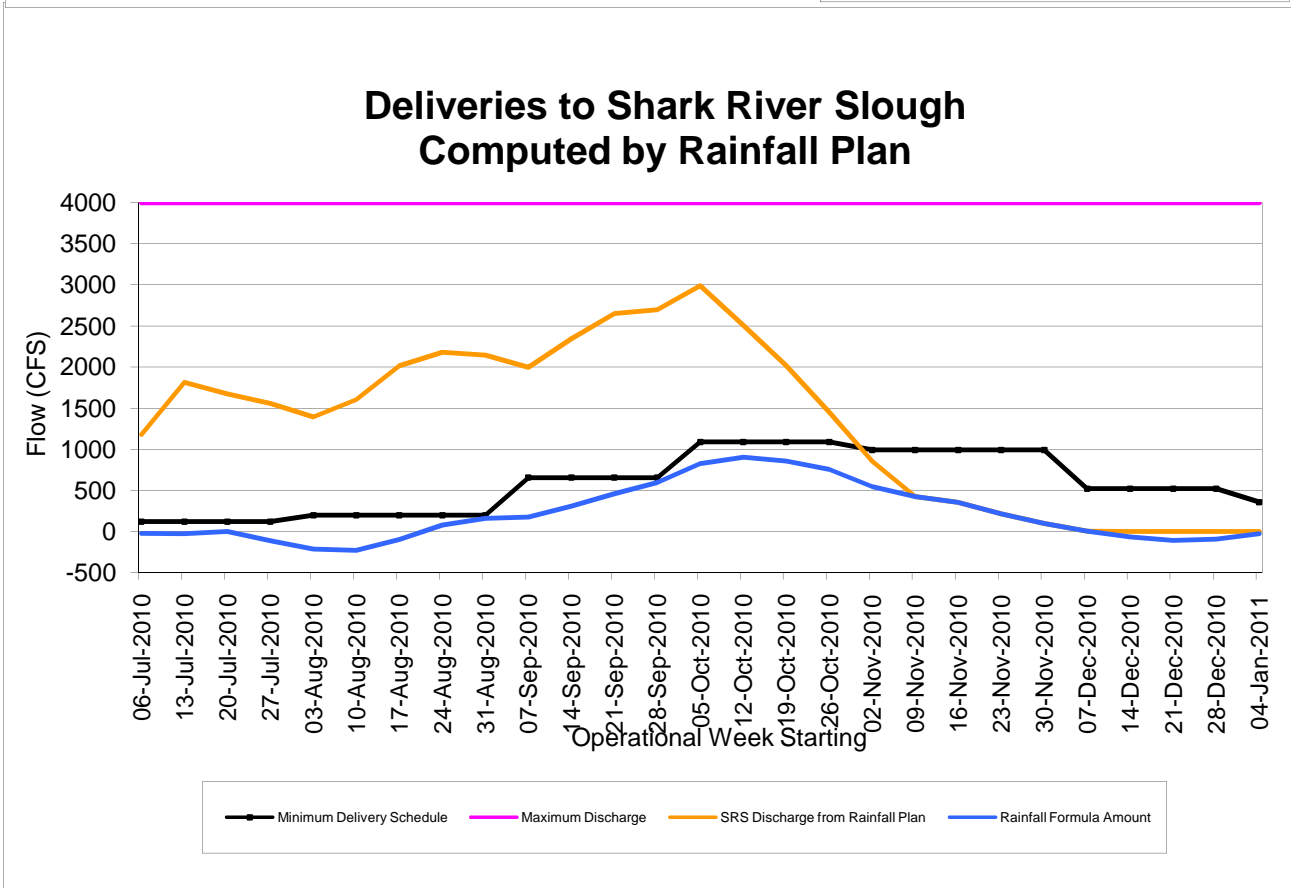
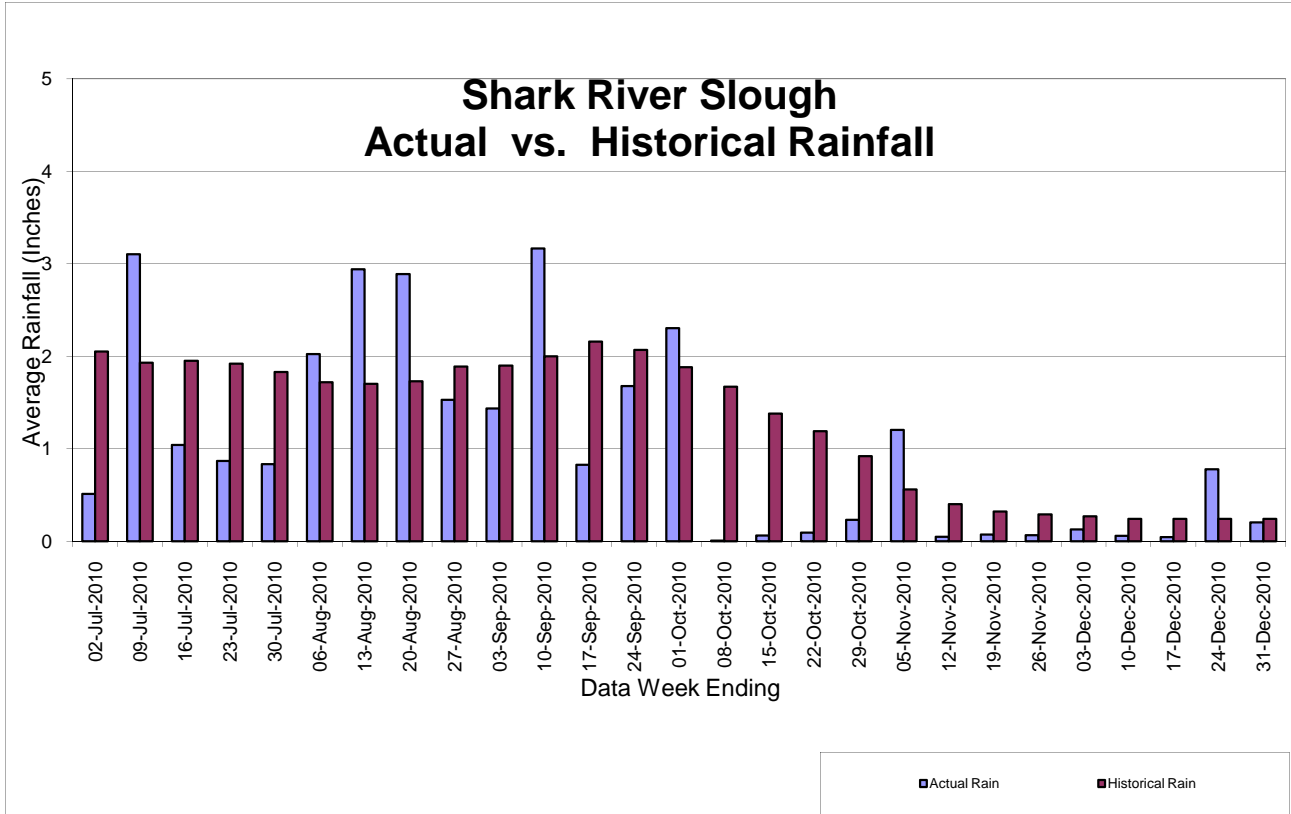
----- Statistical Parameters -----

Rainfall Formula Amount -26 cfs
 Last Week's Rainfall Formula -94 cfs
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms
RL1 0.46 RL2 -1.16 RL3 -1.39

COMMENT: S140 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 December 28, 2010 to January 3, 2011 0 cfs

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

----- Data Summary ----- December 17, 2010 to December 24, 2010
 WCA-3A Stage (end of week) 9.65 ft. msl
 Angel's 5.06 ft. msl
 G3273 5.82 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.51	0.74
S-8	0.75	
S-9	1.14	
S-140	0.88	0.78
S-12D	0.59	
S-336	0.79	
ENP	0.79	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.78	0.76
Pre-Project Avg	0.24	0.75

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

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.85 feet
 Distance to Bottom of Regulatory Zone 1.10 feet

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

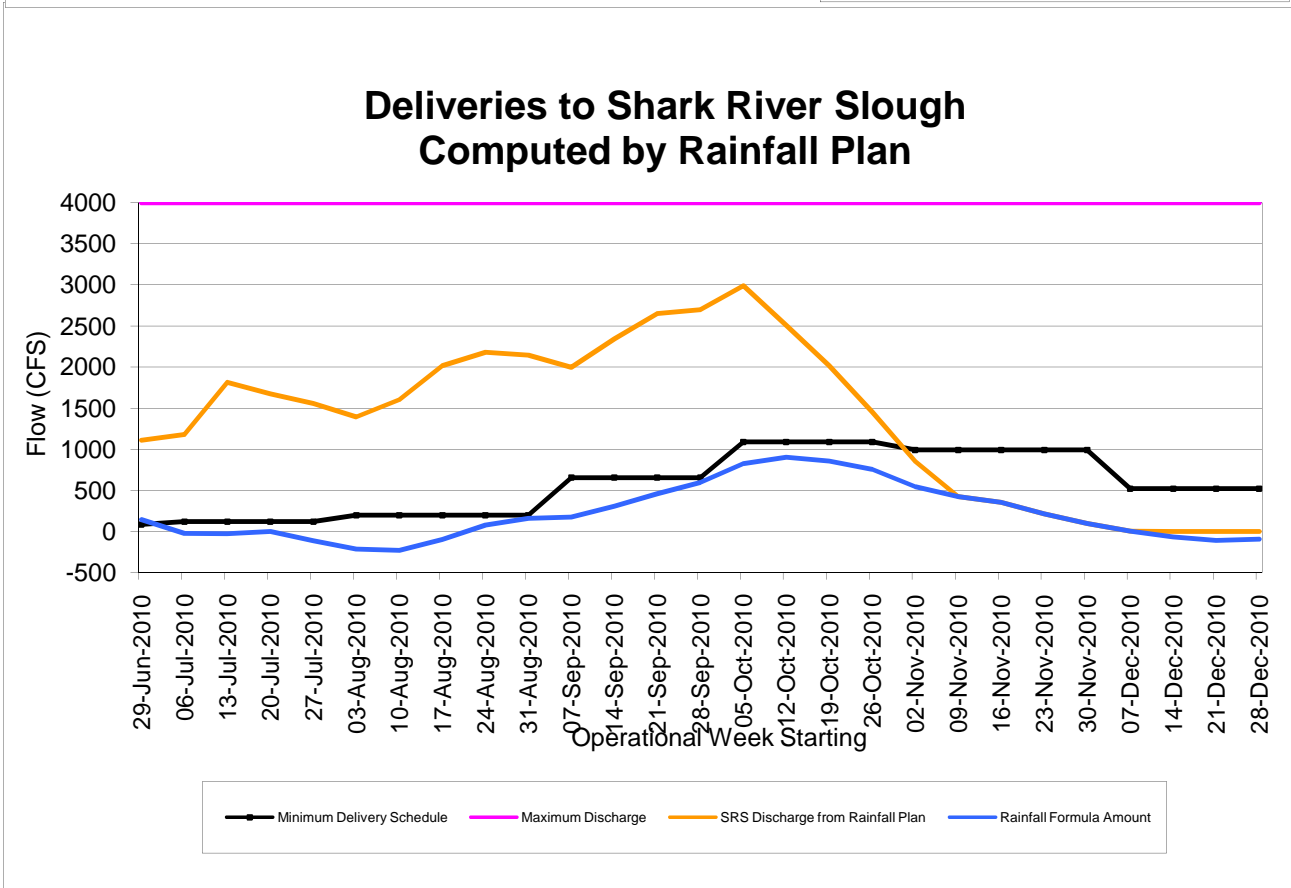
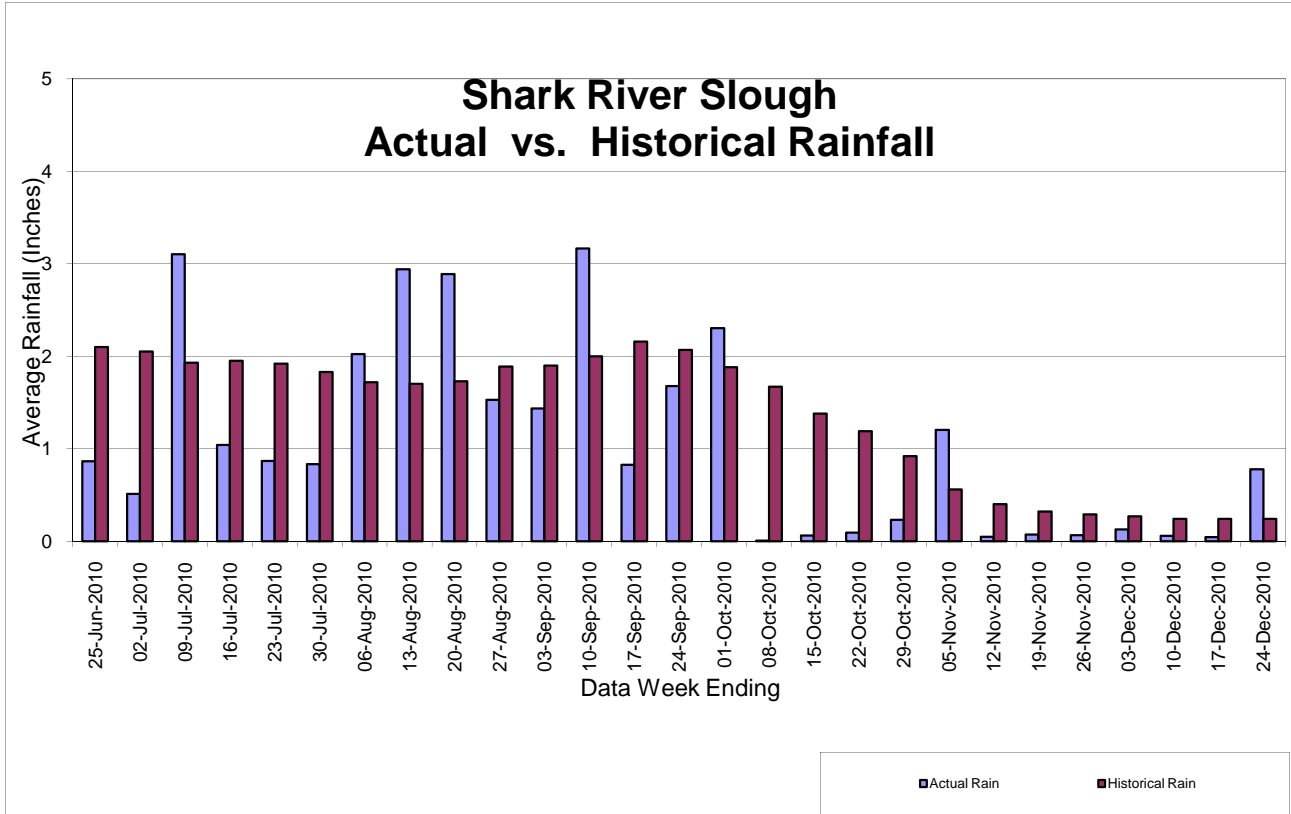
Rainfall Formula Amount -94 cfs
 Last Week's Rainfall Formula -107 cfs
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms

RL1 0.19	RL2 -1.22	RL3 -2.33
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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 December 21, 2010 to December 27, 2010 0 cfs

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

----- Data Summary ----- December 10, 2010 to December 17, 2010
 WCA-3A Stage (end of week) 9.64 ft. msl
 Angel's 4.96 ft. msl
 G3273 5.82 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.01	1.00
S-8	0.02	
S-9	0.06	
S-140	0.00	0.89
S-12D	0.04	
S-336	0.07	
ENP	0.11	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.04	0.94
Pre-Project Avg	0.24	0.76

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

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.86 feet
 Distance to Bottom of Regulatory Zone 1.11 feet

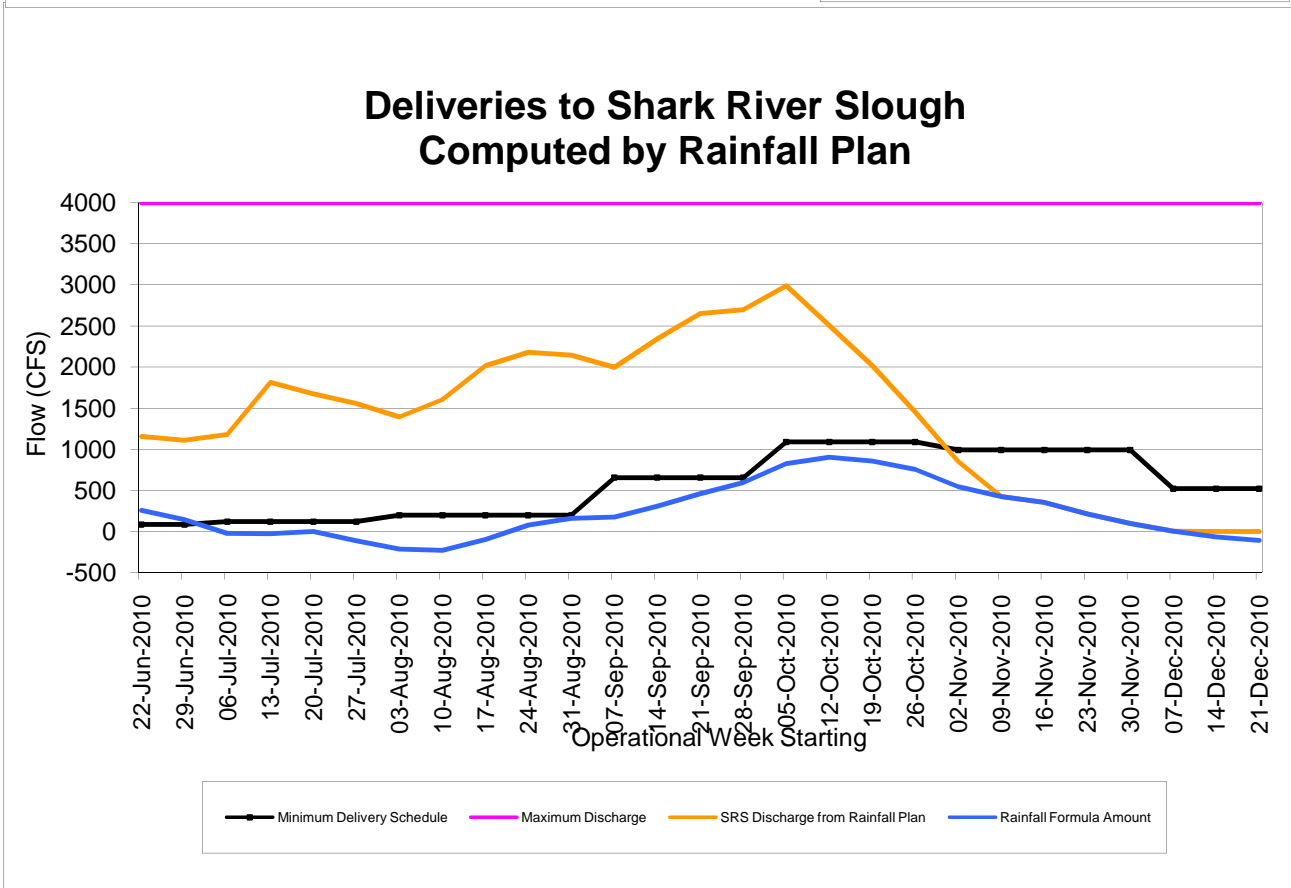
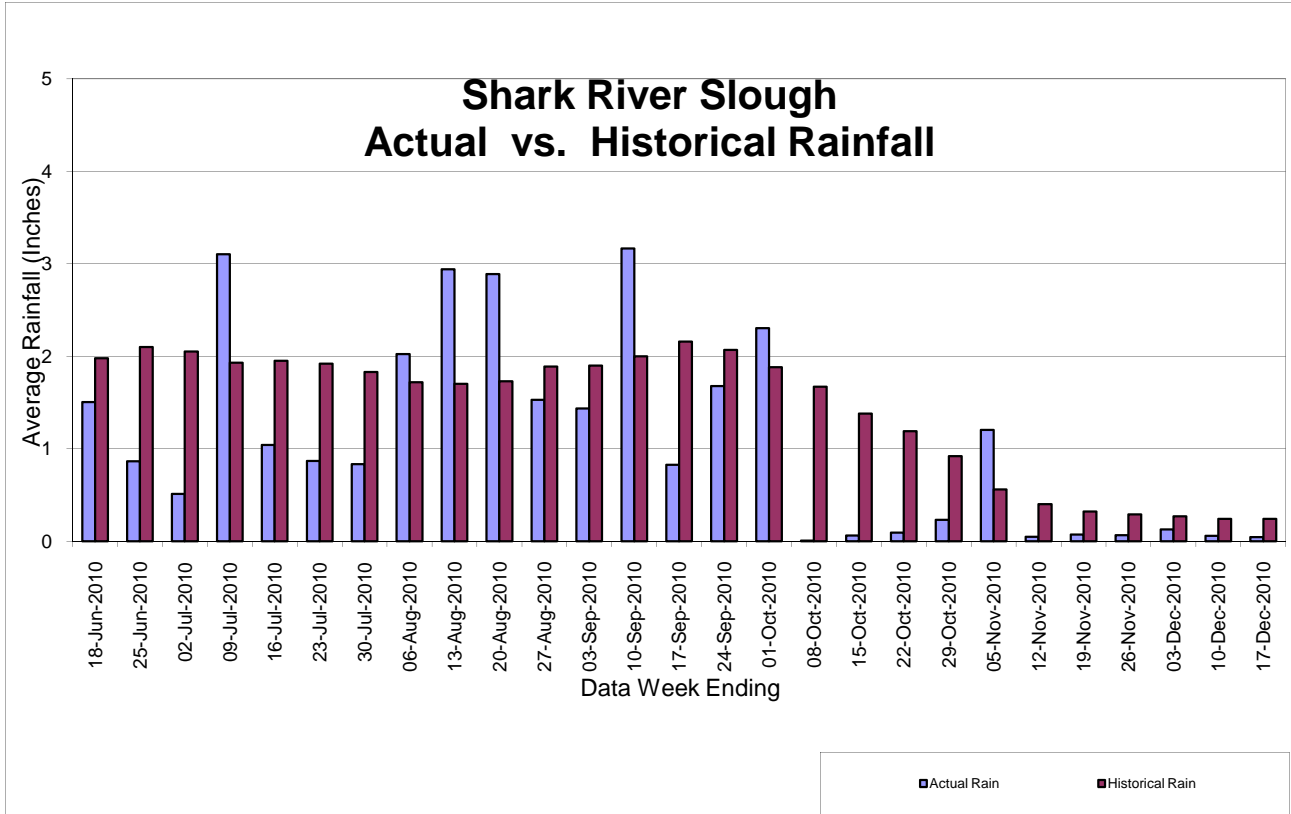
----- Statistical Parameters -----

Rainfall Formula Amount -107 cfs
 Last Week's Rainfall Formula -65 cfs
 Pre-Project Mean Discharge 321 cfs

Rainfall Excess Terms
RL1 -0.53 RL2 -1.62 RL3 -3.01

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 December 14, 2010 to December 20, 2010 0 cfs

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

----- Data Summary -----
 December 3, 2010 to December 10, 2010
 WCA-3A Stage (end of week) 9.72 ft. msl
 Angel's 5.14 ft. msl
 G3273 6.04 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.06	0.83
S-8	0.06	
S-9	0.04	
S-140	0.05	0.74
S-12D	0.05	
S-336	0.12	
ENP	0.02	M
Gage 63	M	
Gage 64	0.05	
Gage 65	M	
This Week's Avg	0.06	0.79
Pre-Project Avg	0.24	0.78

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

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.78 feet
 Distance to Bottom of Regulatory Zone 1.03 feet

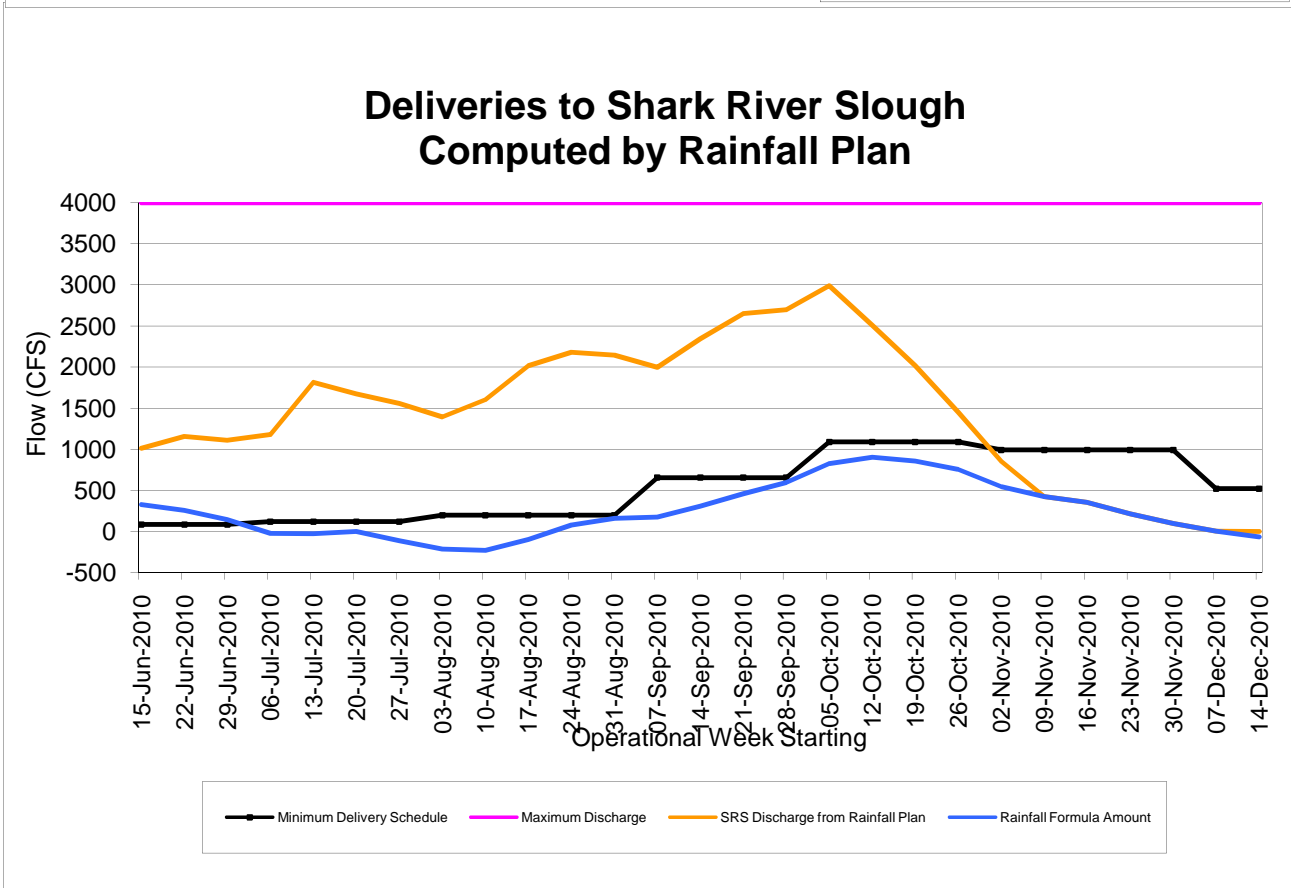
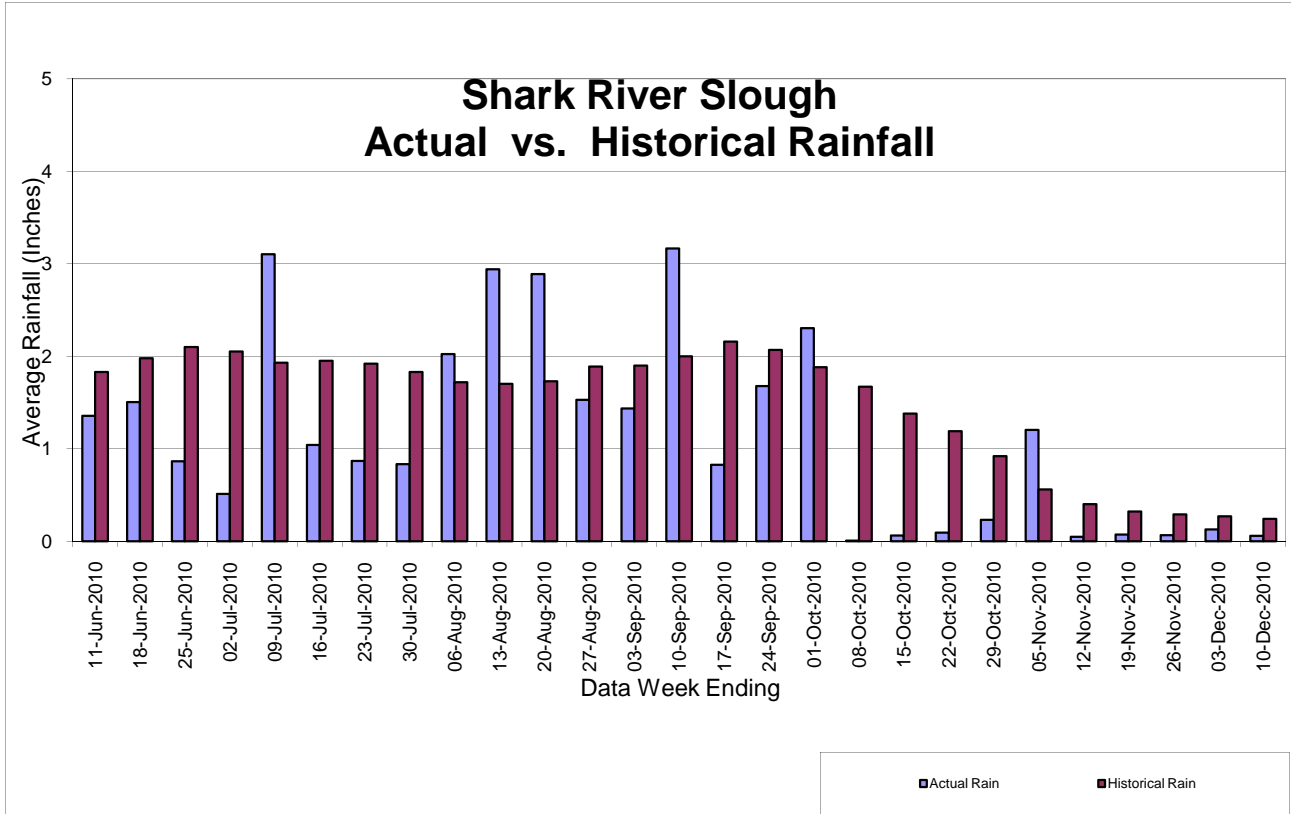
----- Statistical Parameters -----

Rainfall Formula Amount -65 cfs
 Last Week's Rainfall Formula 4 cfs
 Pre-Project Mean Discharge 376 cfs

Rainfall Excess Terms
RL1 -0.49 RL2 -0.80 RL3 -5.63

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 December 7, 2010 to December 13, 2010 4 cfs

S-12 Discharge 2 cfs
 S-333 Discharge 2 cfs

----- Data Summary ----- November 26, 2010 to December 3, 2010
 WCA-3A Stage (end of week) 9.80 ft. msl
 Angel's 5.29 ft. msl
 G3273 6.22 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.13	0.96
S-8	0.02	
S-9	0.08	
S-140	0.28	1.05
S-12D	M	
S-336	0.13	
ENP	M	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.13	1.00
Pre-Project Avg	0.27	0.80

----- 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 0.95 feet

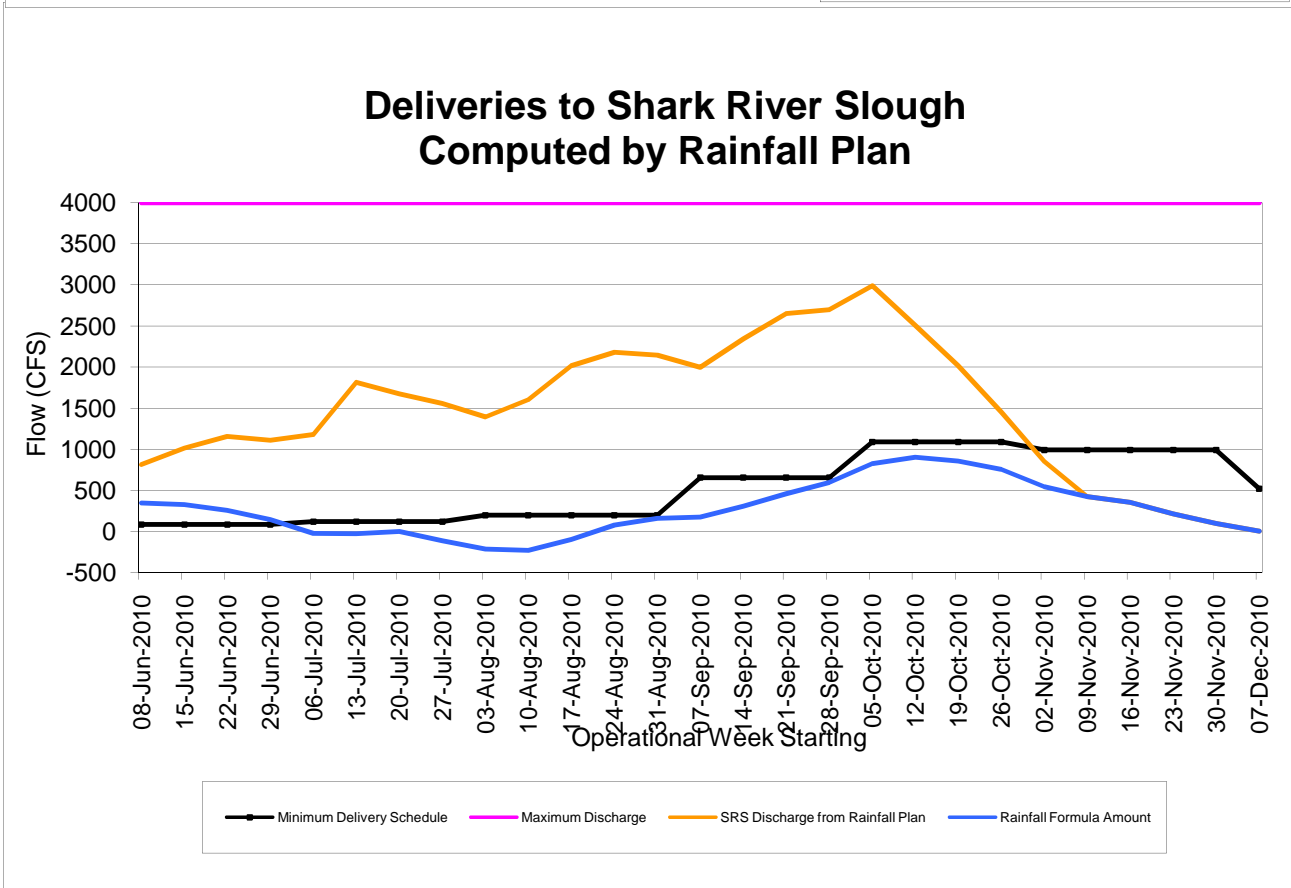
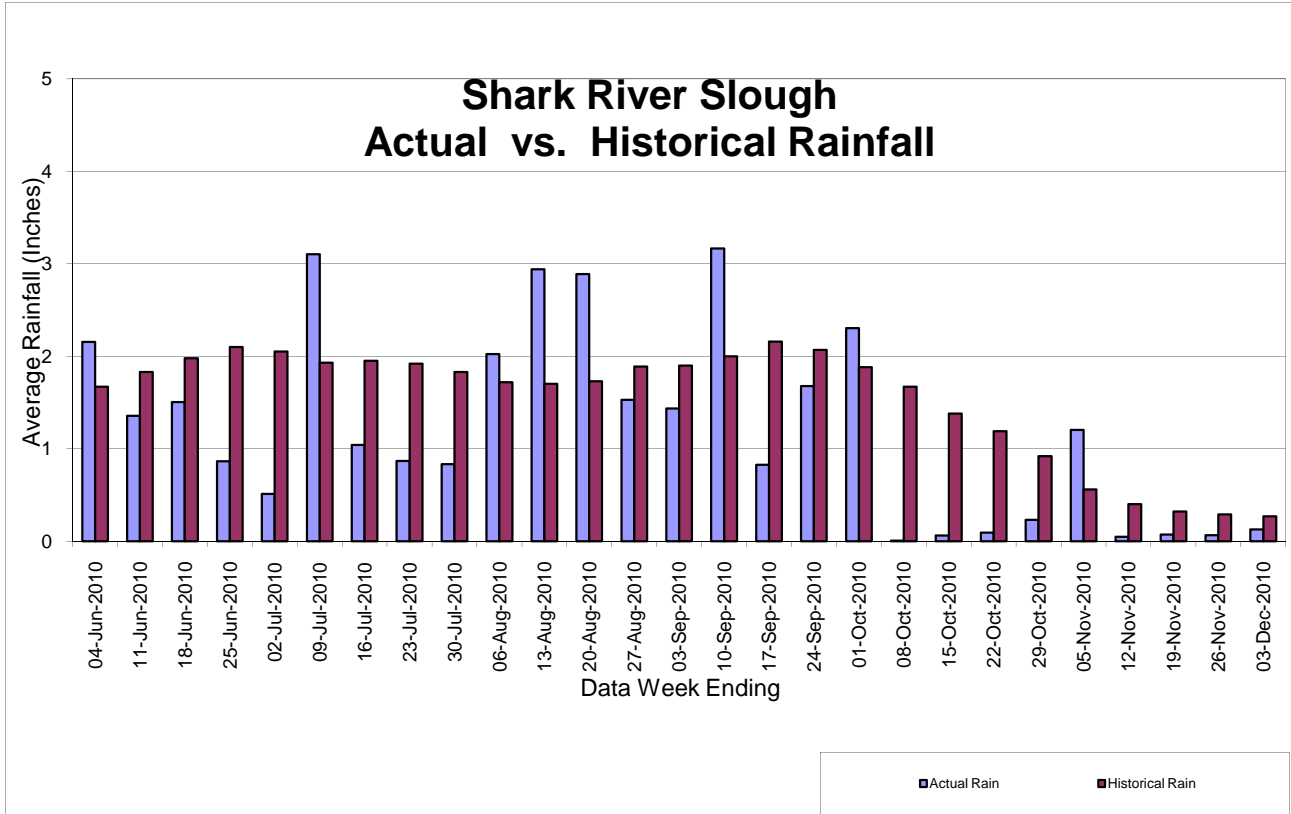
----- Statistical Parameters -----

Rainfall Formula Amount 4 cfs
 Last Week's Rainfall Formula 97 cfs
 Pre-Project Mean Discharge 462 cfs

Rainfall Excess Terms
RL1 -0.63 RL2 -1.39 RL3 -4.23

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 November 30, 2010 to December 6, 2010 97 cfs

S-12 Discharge 44 cfs
 S-333 Discharge 53 cfs

----- Data Summary ----- November 19, 2010 to November 26, 2010
 WCA-3A Stage (end of week) 9.88 ft. msl
 Angel's 5.48 ft. msl
 G3273 6.38 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.13	0.89
S-8	0.12	
S-9	M	
S-140	0.04	1.00
S-12D	0.01	
S-336	0.02	
ENP	M	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.06	0.94
Pre-Project Avg	0.29	0.82

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

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.62 feet
 Distance to Bottom of Regulatory Zone 0.87 feet

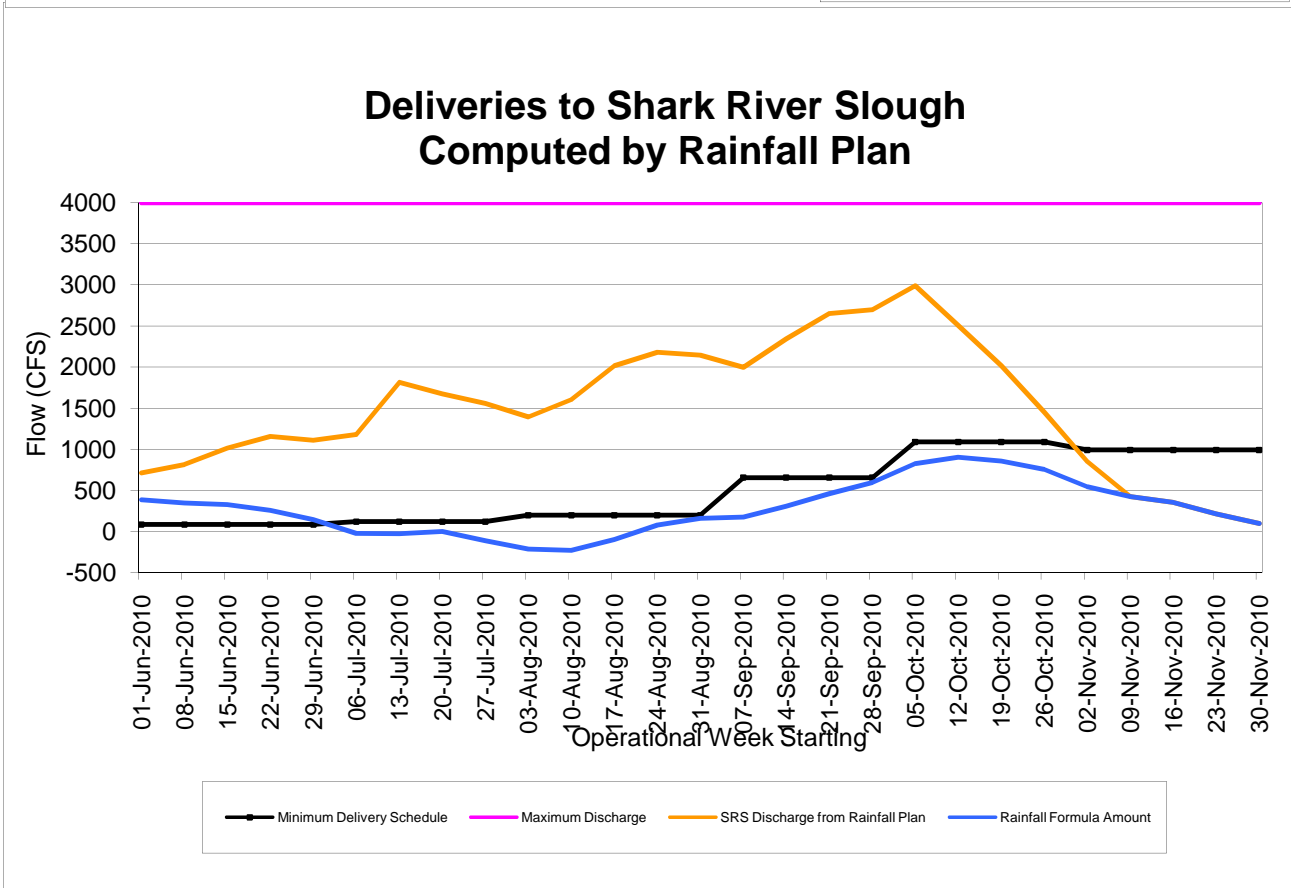
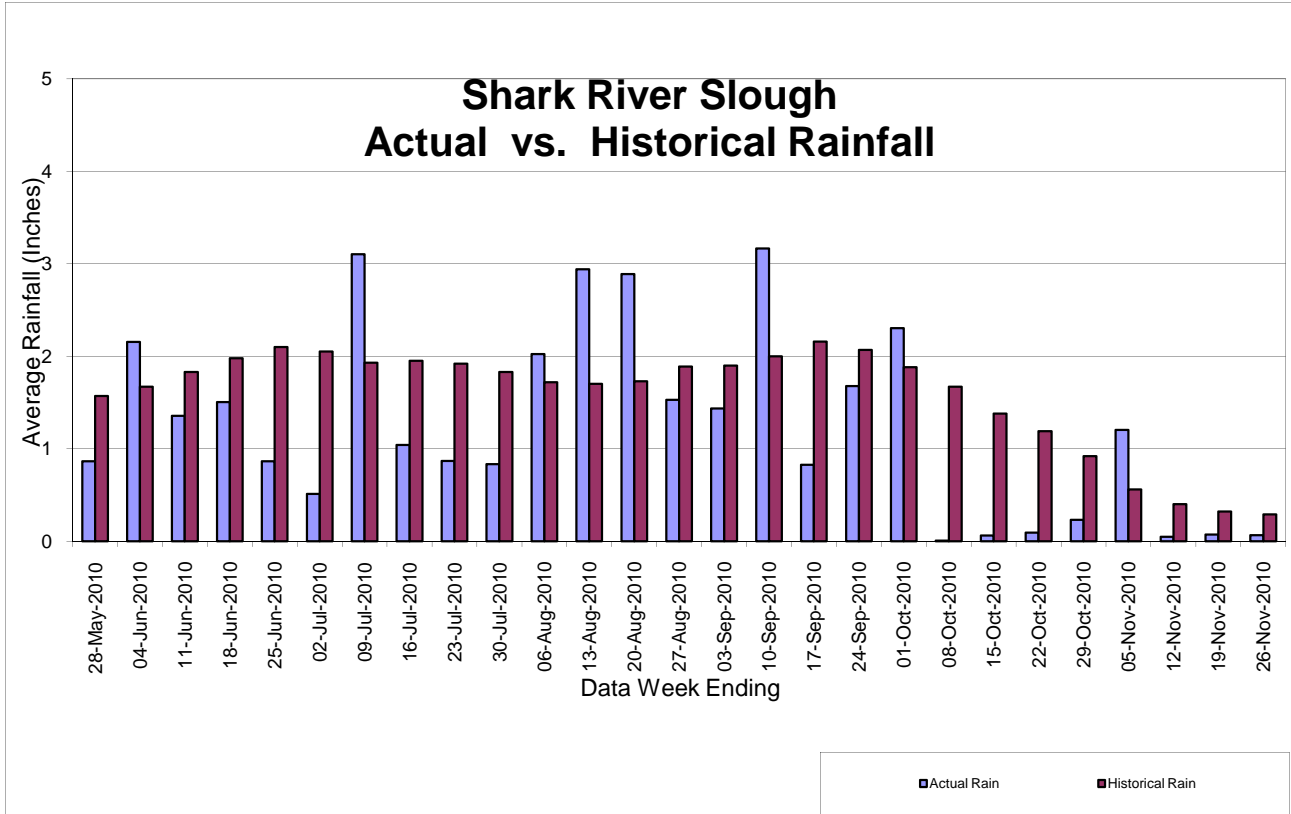
----- Statistical Parameters -----

Rainfall Formula Amount 97 cfs
 Last Week's Rainfall Formula 213 cfs
 Pre-Project Mean Discharge 566 cfs

Rainfall Excess Terms
RL1 -0.73 RL2 -2.33 RL3 -3.56

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 November 23, 2010 to November 29, 2010 213 cfs

S-12 Discharge 96 cfs
 S-333 Discharge 117 cfs

----- Data Summary ----- November 12, 2010 to November 19, 2010
 WCA-3A Stage (end of week) 9.92 ft. msl
 Angel's 5.68 ft. msl
 G3273 6.51 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	1.04
S-8	0.01	
S-9	M	
S-140	0.02	1.09
S-12D	0.17	
S-336	M	
ENP	0.13	M
Gage 63	M	
Gage 64	M	
Gage 65	0.03	
This Week's Avg	0.07	1.06
Pre-Project Avg	0.32	0.87

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

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.58 feet
 Distance to Bottom of Regulatory Zone 0.83 feet

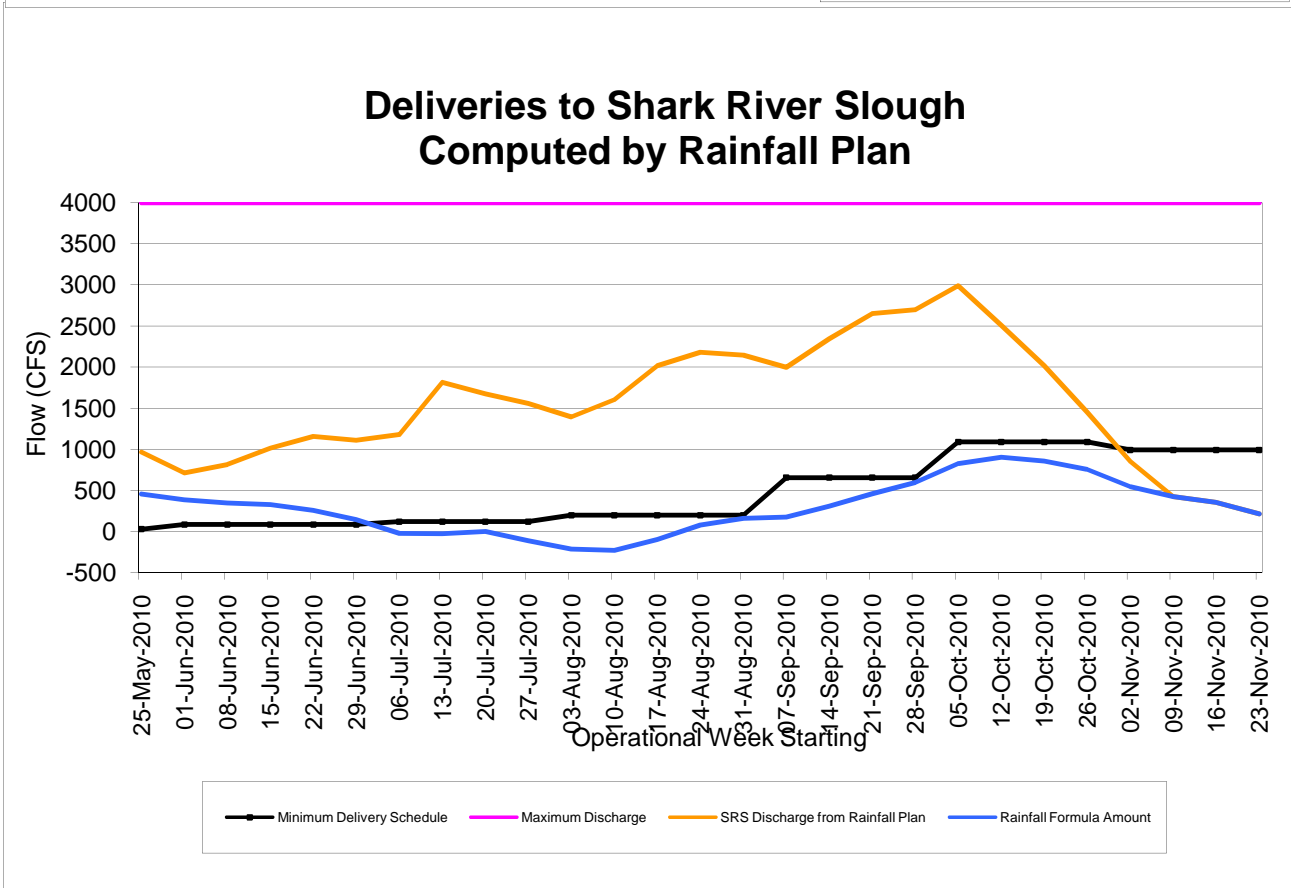
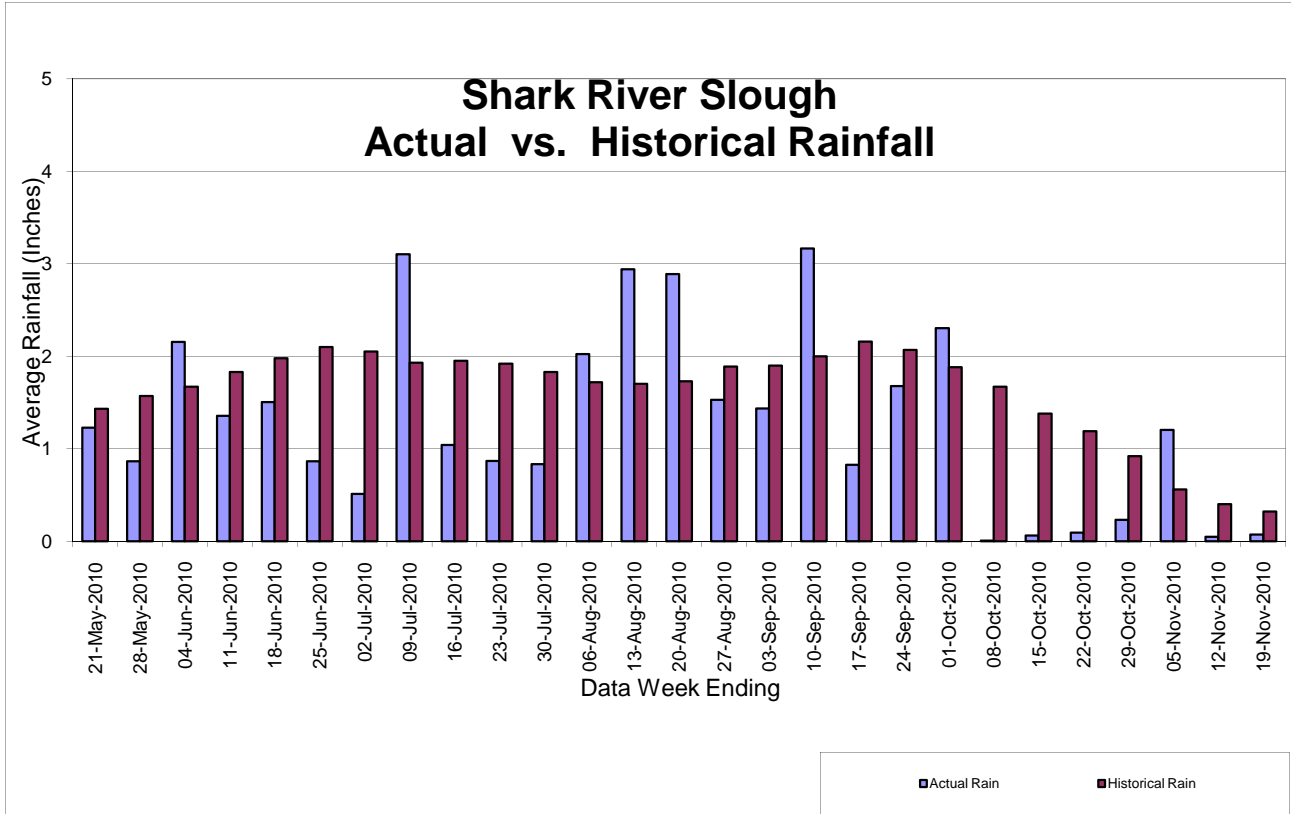
----- Statistical Parameters -----

Rainfall Formula Amount 213 cfs
 Last Week's Rainfall Formula 353 cfs
 Pre-Project Mean Discharge 689 cfs

Rainfall Excess Terms
RL1 -0.99 RL2 -3.01 RL3 -3.87

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 November 16, 2010 to November 22, 2010 353 cfs

S-12 Discharge 159 cfs
 S-333 Discharge 194 cfs

----- Data Summary ----- November 5, 2010 to November 12, 2010
 WCA-3A Stage (end of week) 9.99 ft. msl
 Angel's 5.76 ft. msl
 G3273 6.62 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.03	1.08
S-8	0.00	
S-9	0.00	
S-140	0.01	1.33
S-12D	0.01	
S-336	0.08	
ENP	0.20	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.05	1.21
Pre-Project Avg	0.40	0.91

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

WCA-3A is in Zone E

Supplemental discharge is 0 cfs
 Distance to Bottom of Transition Zone 0.51 feet
 Distance to Bottom of Regulatory Zone 0.76 feet

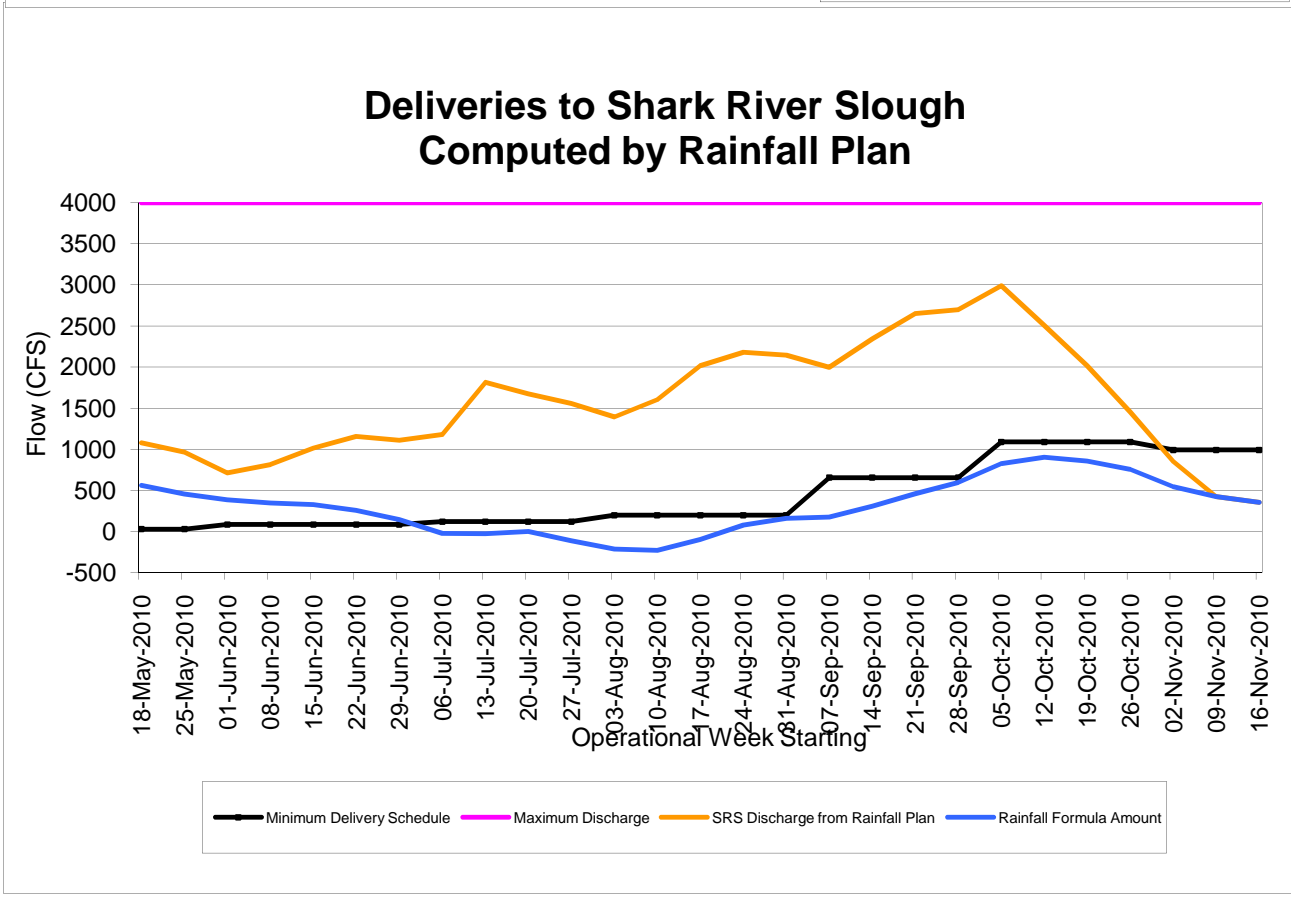
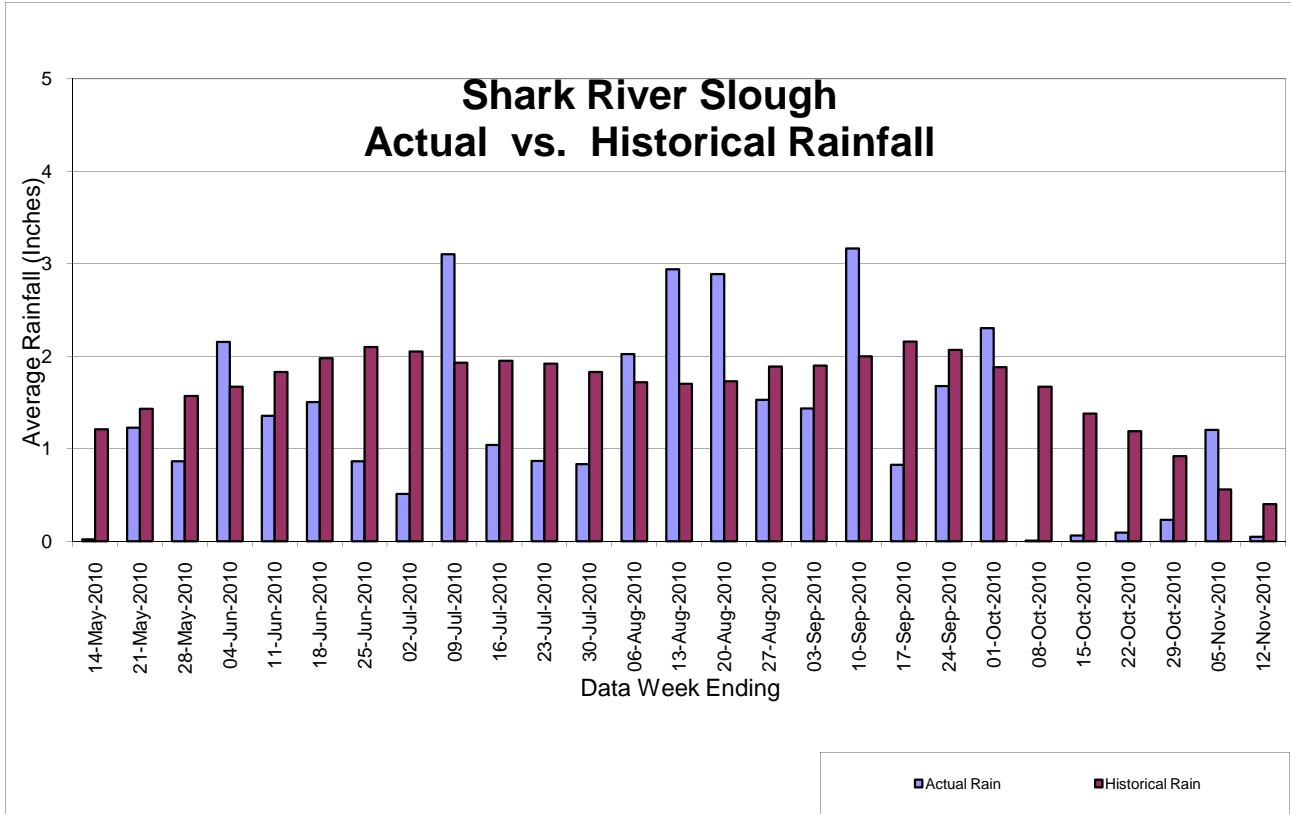
----- Statistical Parameters -----

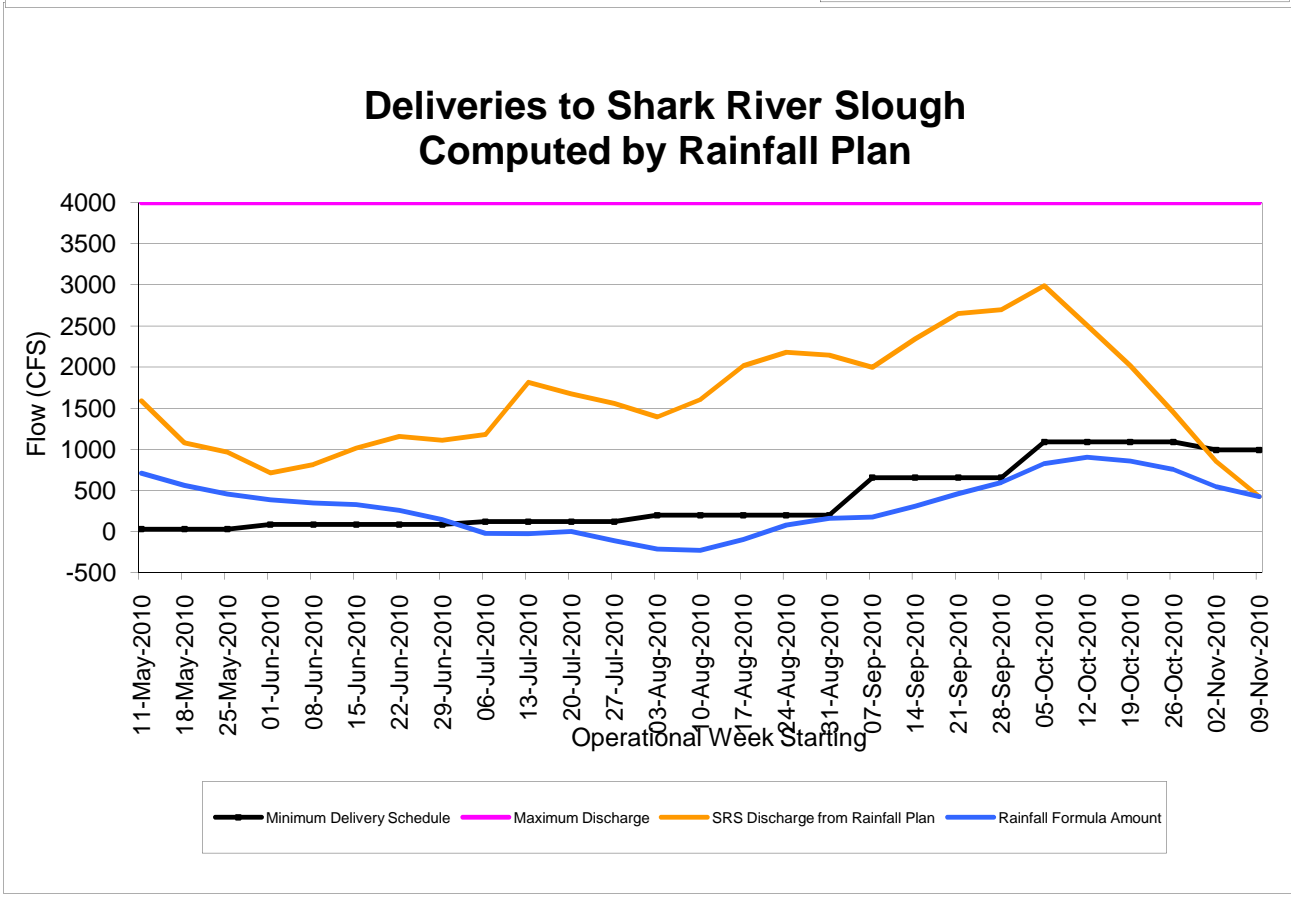
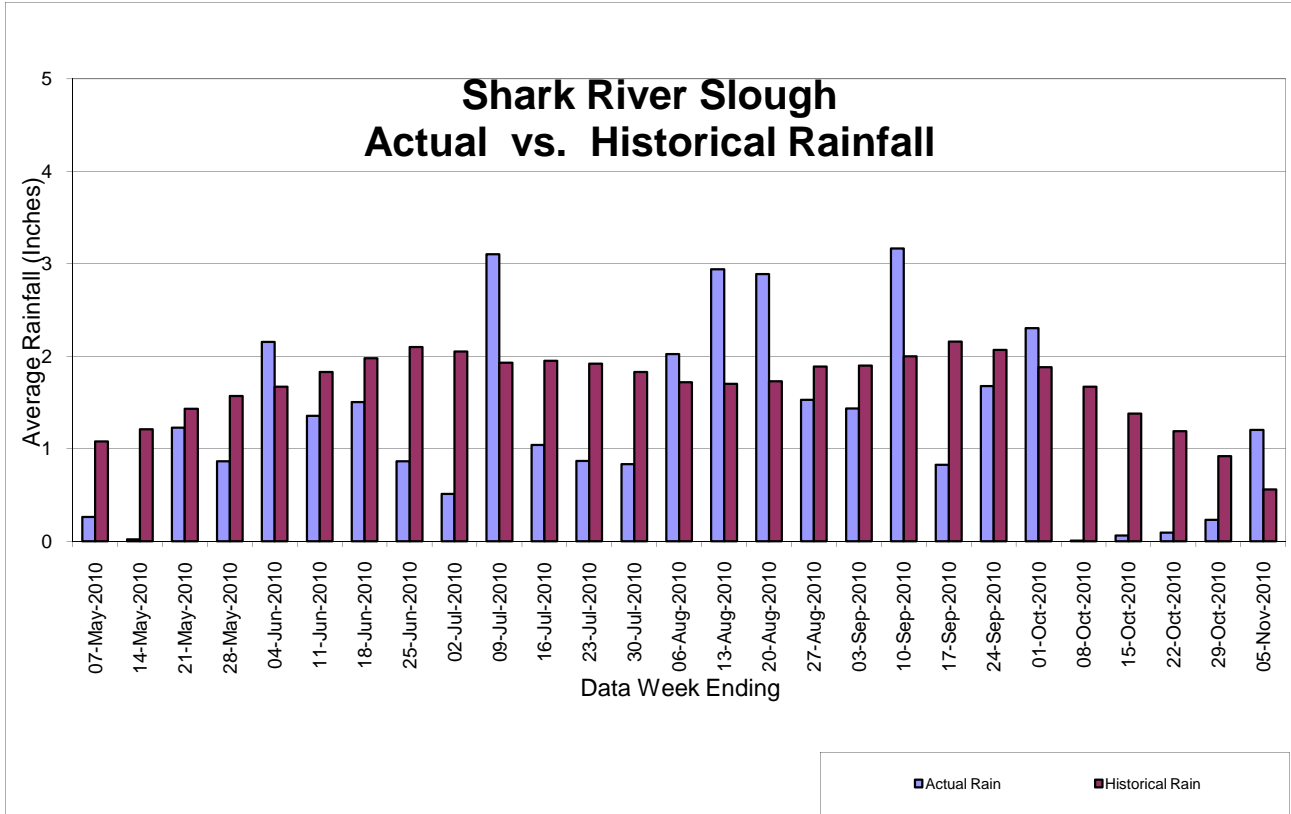
Rainfall Formula Amount 353 cfs
 Last Week's Rainfall Formula 425 cfs
 Pre-Project Mean Discharge 820 cfs

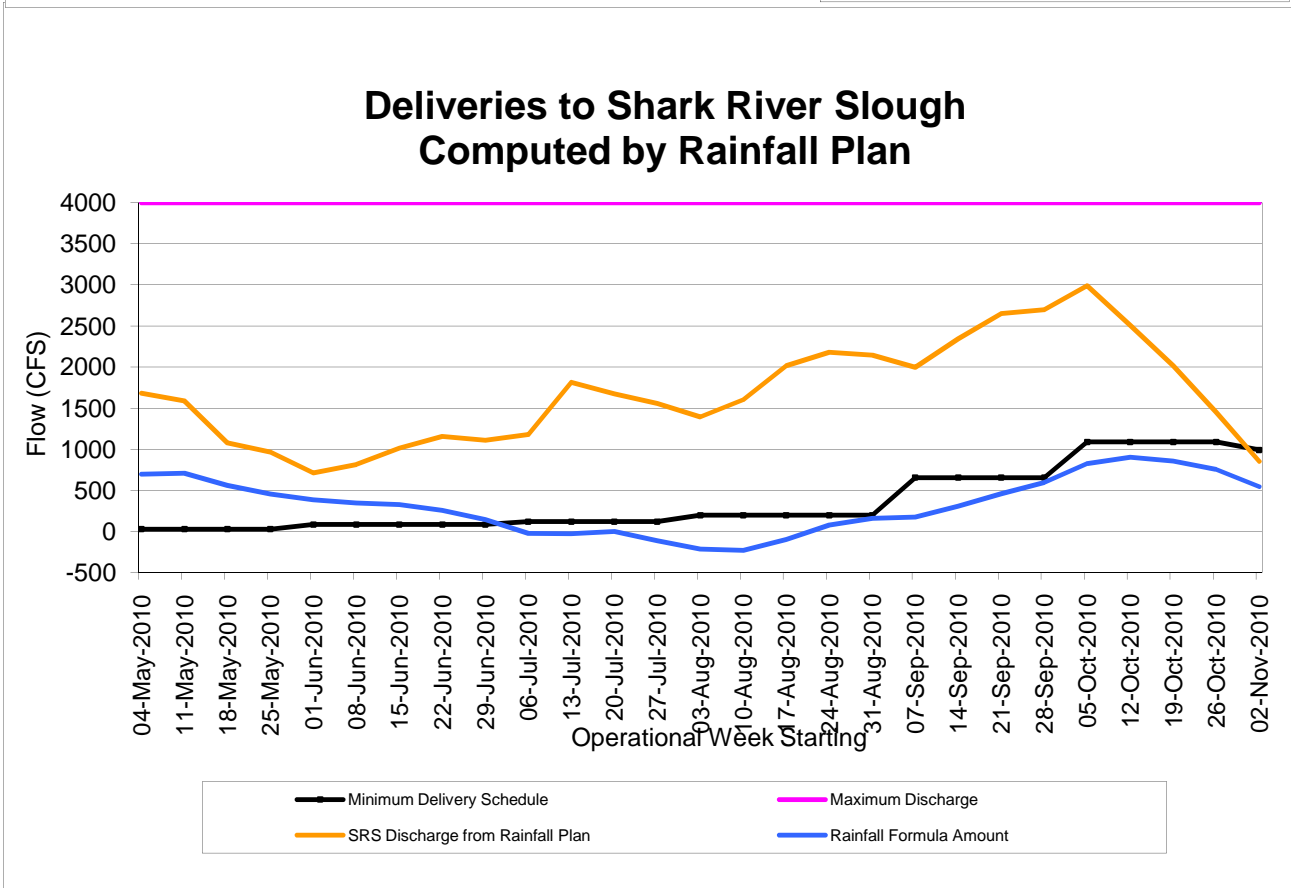
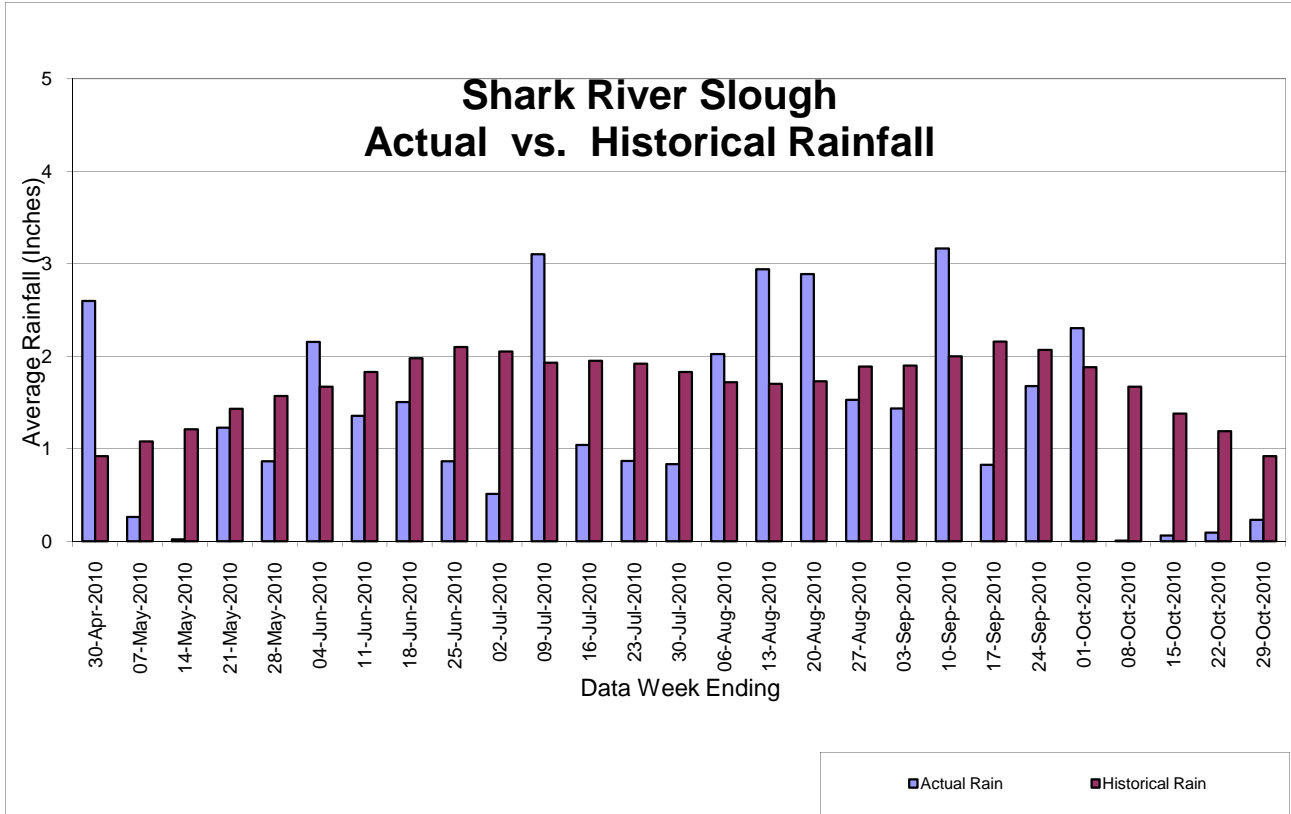
Rainfall Excess Terms
RL1 -0.07 RL2 -5.63 RL3 -0.59

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 **October 26, 2010** to **November 1, 2010** **1451 cfs**

S-12 Discharge **653 cfs**
 S-333 Discharge **798 cfs**

----- **Data Summary** ----- **October 15, 2010** to **October 22, 2010**
 WCA-3A Stage (end of week) **10.22** ft. msl
 Angel's **5.79** ft. msl
 G3273 **6.70** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.03	1.27
S-8	0.00	
S-9	0.00	
S-140	0.00	1.45
S-12D	0.00	
S-336	0.02	
ENP	0.67	M
Gage 63	M	
Gage 64	0.08	
Gage 65	0.04	
This Week's Avg	0.09	1.36
Pre-Project Avg	1.19	1.06

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

WCA-3A is in Zone D

Supplemental discharge is **697 cfs**
 Distance to Bottom of Transition Zone **-0.28 feet**
 Distance to Bottom of Regulatory Zone **0.53 feet**

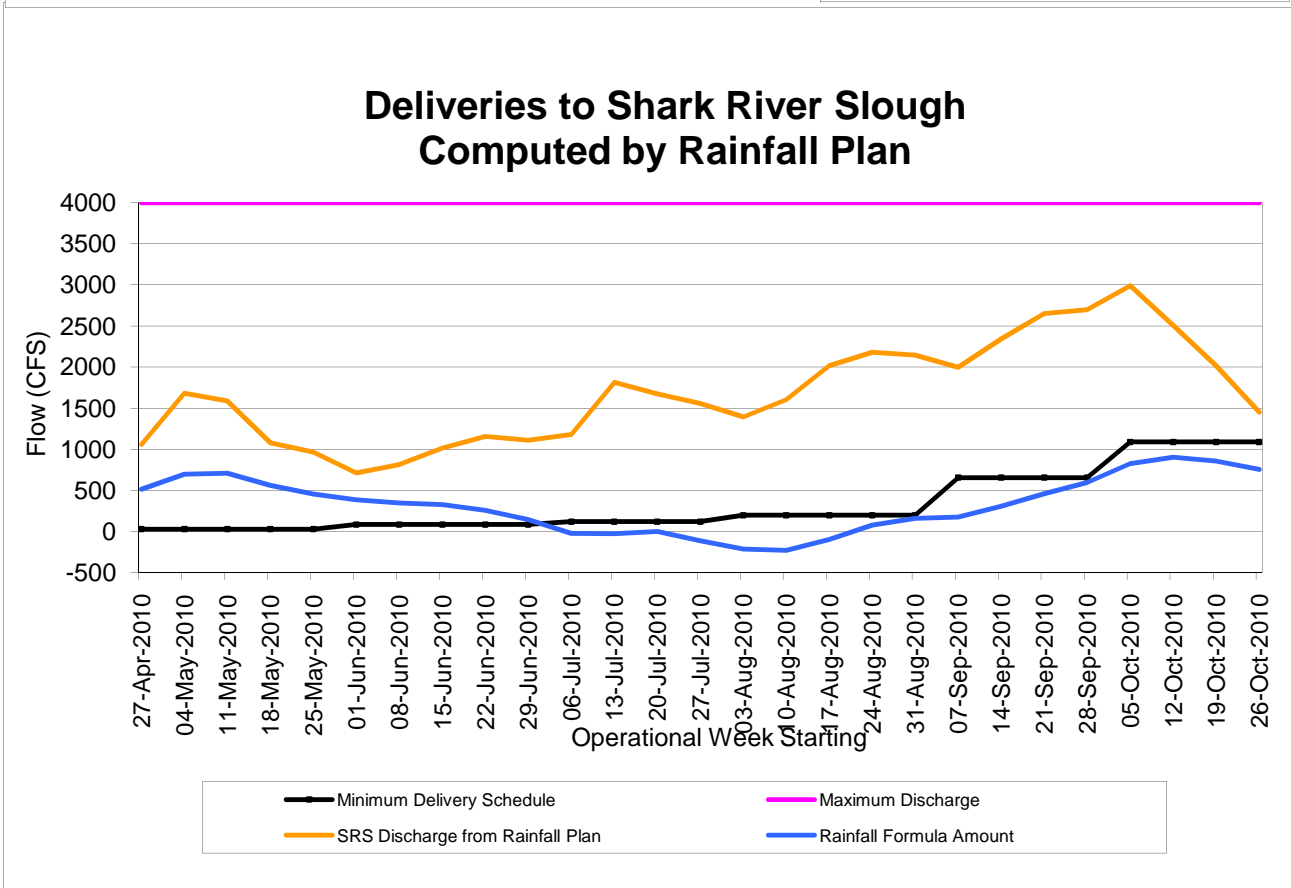
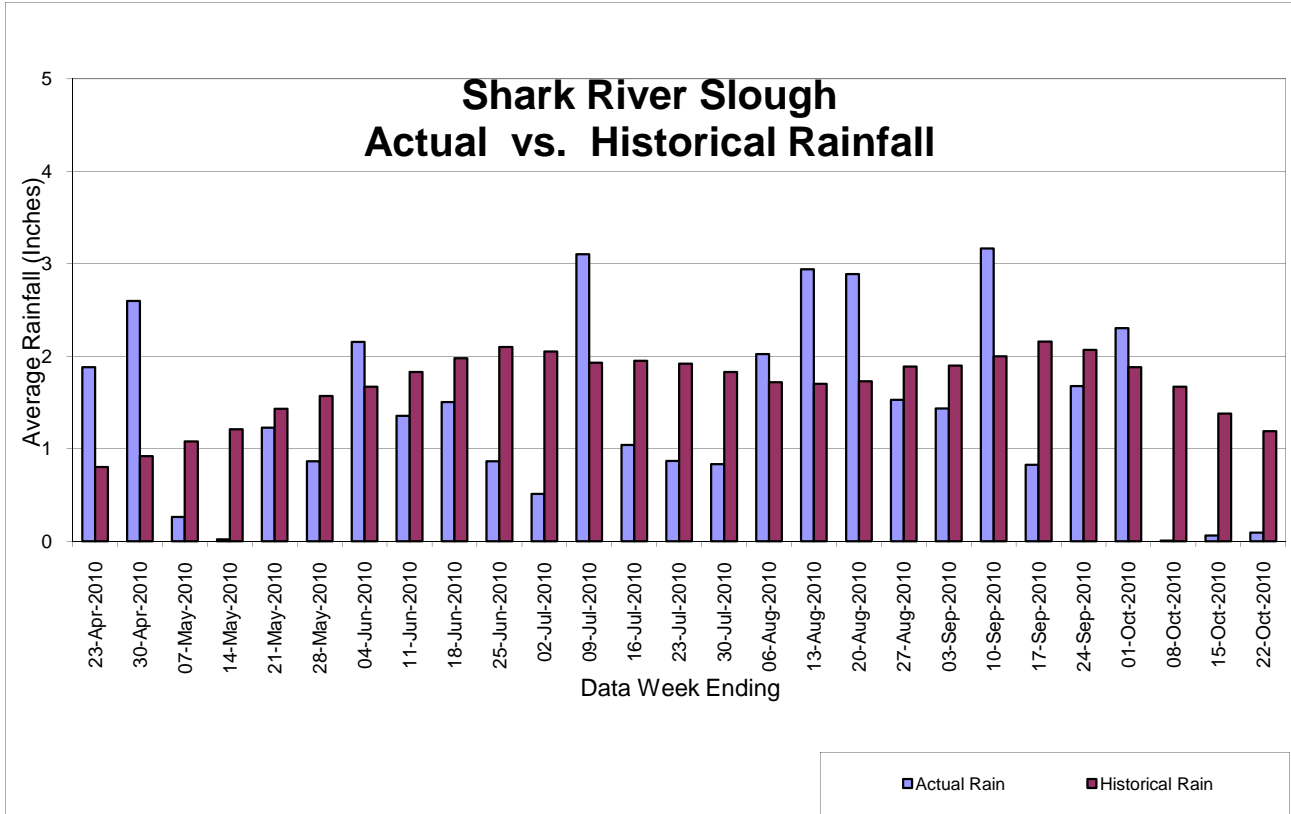
----- **Statistical Parameters** -----

Rainfall Formula Amount **754 cfs**
 Last Week's Rainfall Formula **856 cfs**
 Pre-Project Mean Discharge **1220 cfs**

Rainfall Excess Terms
RL1 **-2.60** RL2 **-3.87** RL3 **0.91**

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 **October 19, 2010** to **October 25, 2010** **2017 cfs**

S-12 Discharge 908 cfs
 S-333 Discharge 1110 cfs

----- **Data Summary** ----- **October 8, 2010** to **October 15, 2010**
 WCA-3A Stage (end of week) 10.36 ft. msl
 Angel's 6.17 ft. msl
 G3273 6.88 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.01	0.95
S-8	0.08	
S-9	0.00	
S-140	0.01	1.17
S-12D	0.12	
S-336	0.12	
ENP	0.11	M
Gage 63	M	
Gage 64	0.04	
Gage 65	0.05	
This Week's Avg	0.06	1.06
Pre-Project Avg	1.38	1.12

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

WCA-3A is in Zone D

Supplemental discharge is 1161 cfs
 Distance to Bottom of Transition Zone -0.46 feet
 Distance to Bottom of Regulatory Zone 0.39 feet

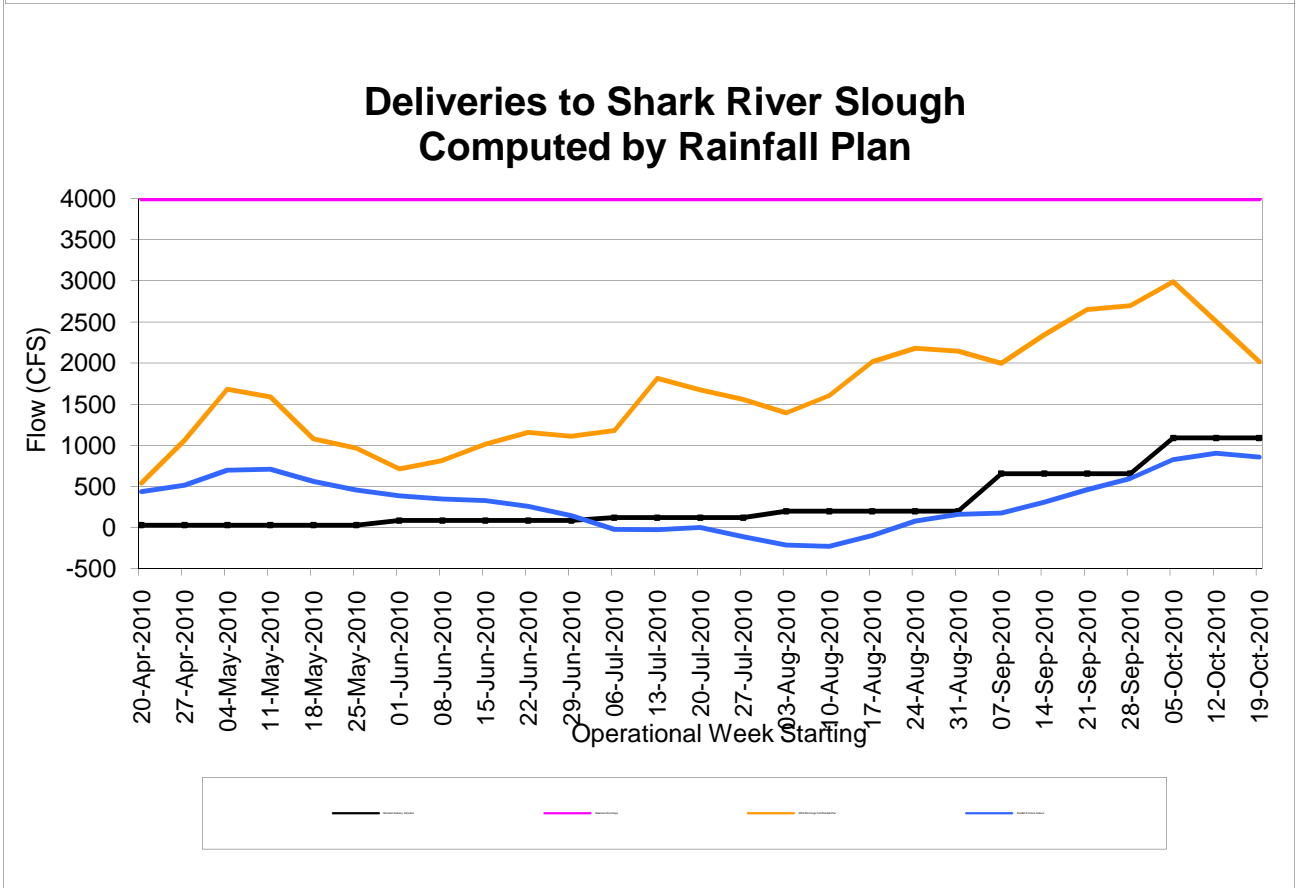
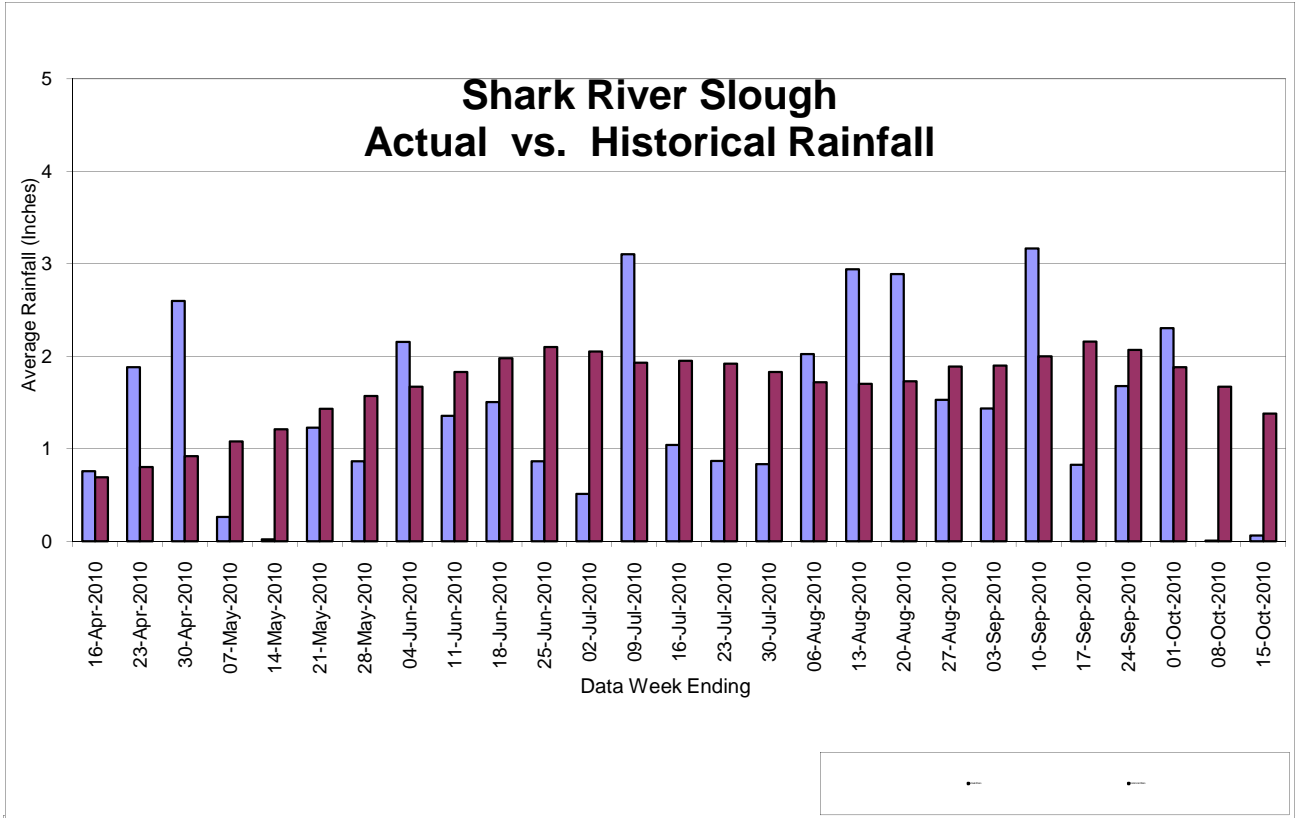
----- **Statistical Parameters** -----

Rainfall Formula Amount 856 cfs
 Last Week's Rainfall Formula 905 cfs
 Pre-Project Mean Discharge 1229 cfs

Rainfall Excess Terms
RL1 -3.38 RL2 -0.59 RL3 0.77

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 **October 12, 2010** to **October 18, 2010** **2506 cfs**

S-12 Discharge **1128 cfs**
 S-333 Discharge **1378 cfs**

----- **Data Summary** ----- **October 1, 2010** to **October 8, 2010**
 WCA-3A Stage (end of week) **10.49** ft. msl
 Angel's **6.47** ft. msl
 G3273 **6.97** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.60
S-8	0.00	
S-9	0.00	
S-140	0.00	1.82
S-12D	0.00	
S-336	0.03	
ENP	0.00	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.00	1.71
Pre-Project Avg	1.67	1.16

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

WCA-3A is in Zone B

Supplemental discharge is **1601 cfs**
 Distance to Bottom of Transition Zone **-0.64 feet**
 Distance to Bottom of Regulatory Zone **0.26 feet**

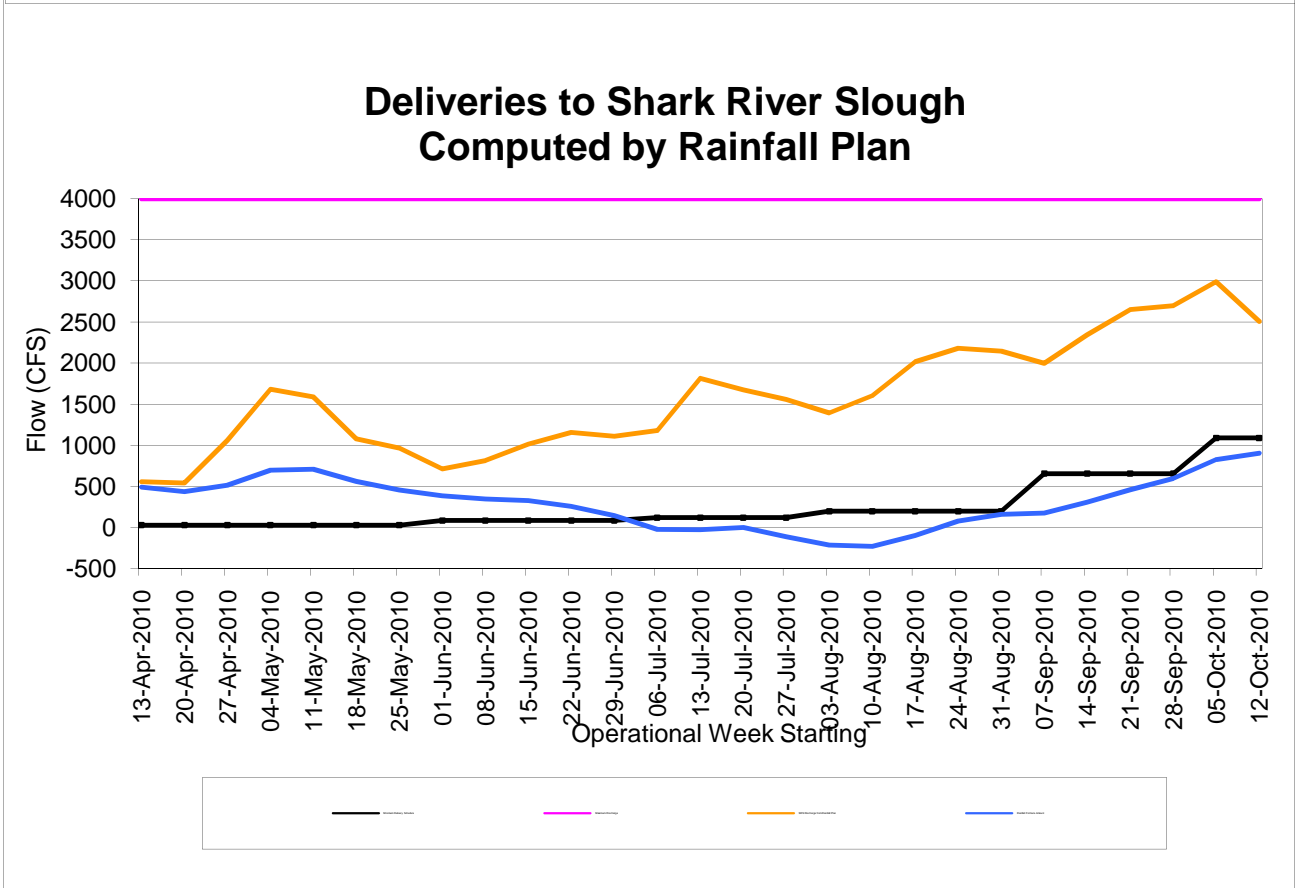
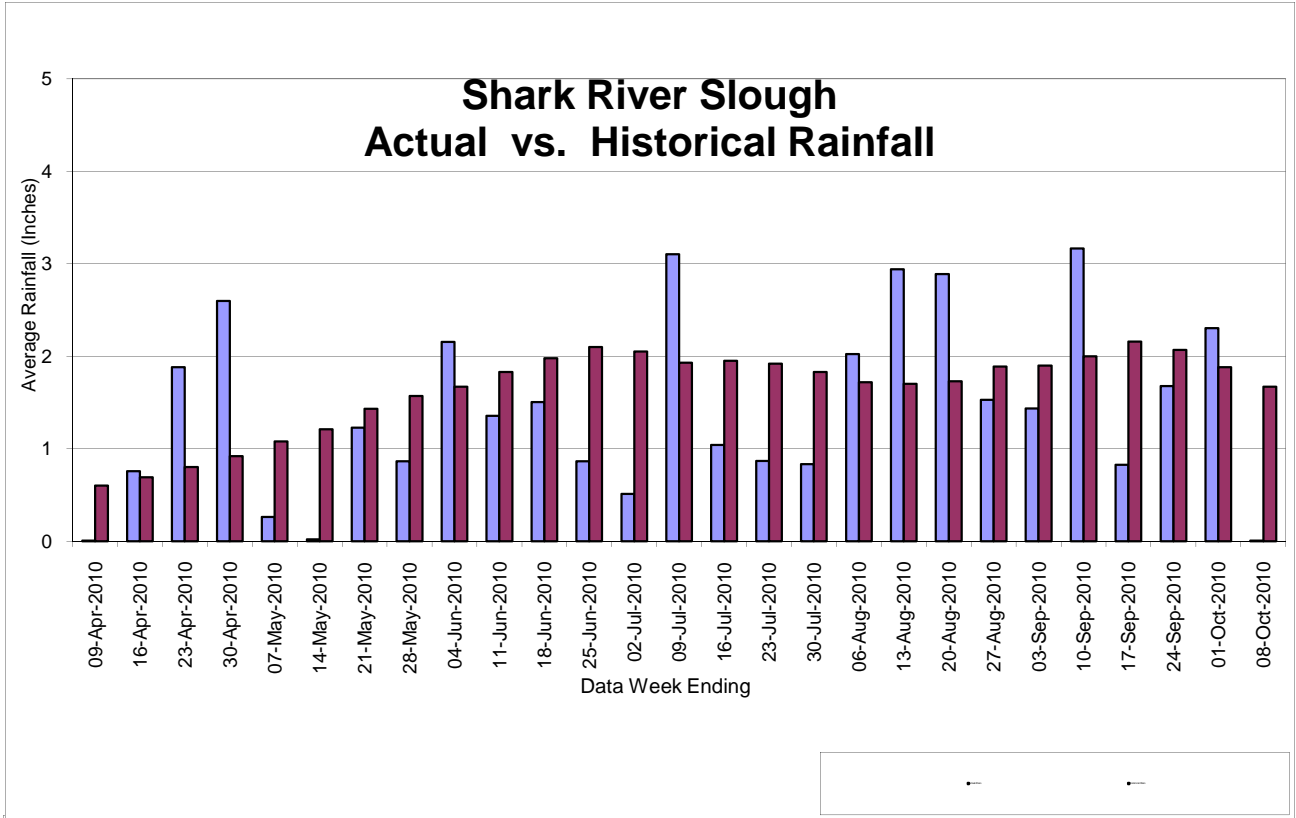
----- **Statistical Parameters** -----

Rainfall Formula Amount **905 cfs**
 Last Week's Rainfall Formula **824 cfs**
 Pre-Project Mean Discharge **1130 cfs**

Rainfall Excess Terms
RL1 **-1.62** RL2 **-1.81** RL3 **1.62**

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 **October 5, 2010** to **October 11, 2010** **2989 cfs**

S-12 Discharge 1345 cfs
 S-333 Discharge 1644 cfs

----- **Data Summary** ----- **September 24, 2010** to **October 1, 2010**
 WCA-3A Stage (end of week) 10.67 ft. msl
 Angel's 7.00 ft. msl
 G3273 7.14 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	1.24
S-8	M	
S-9	1.85	
S-140	M	1.02
S-12D	1.72	
S-336	3.81	
ENP	1.83	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	2.30	1.13
Pre-Project Avg	1.88	1.21

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

WCA-3A is in Zone B

Supplemental discharge is 2165 cfs
 Distance to Bottom of Transition Zone -0.87 feet
 Distance to Bottom of Regulatory Zone 0.08 feet

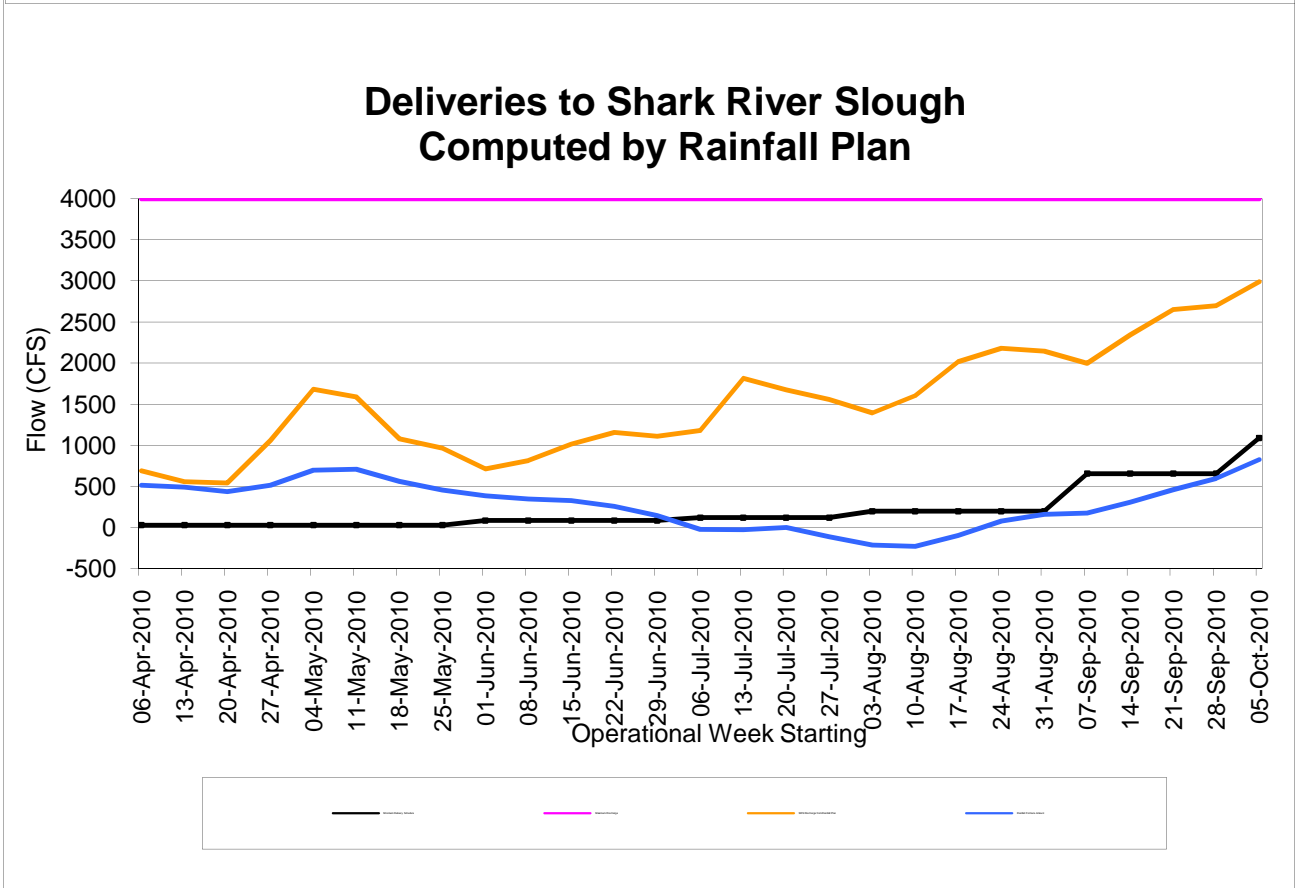
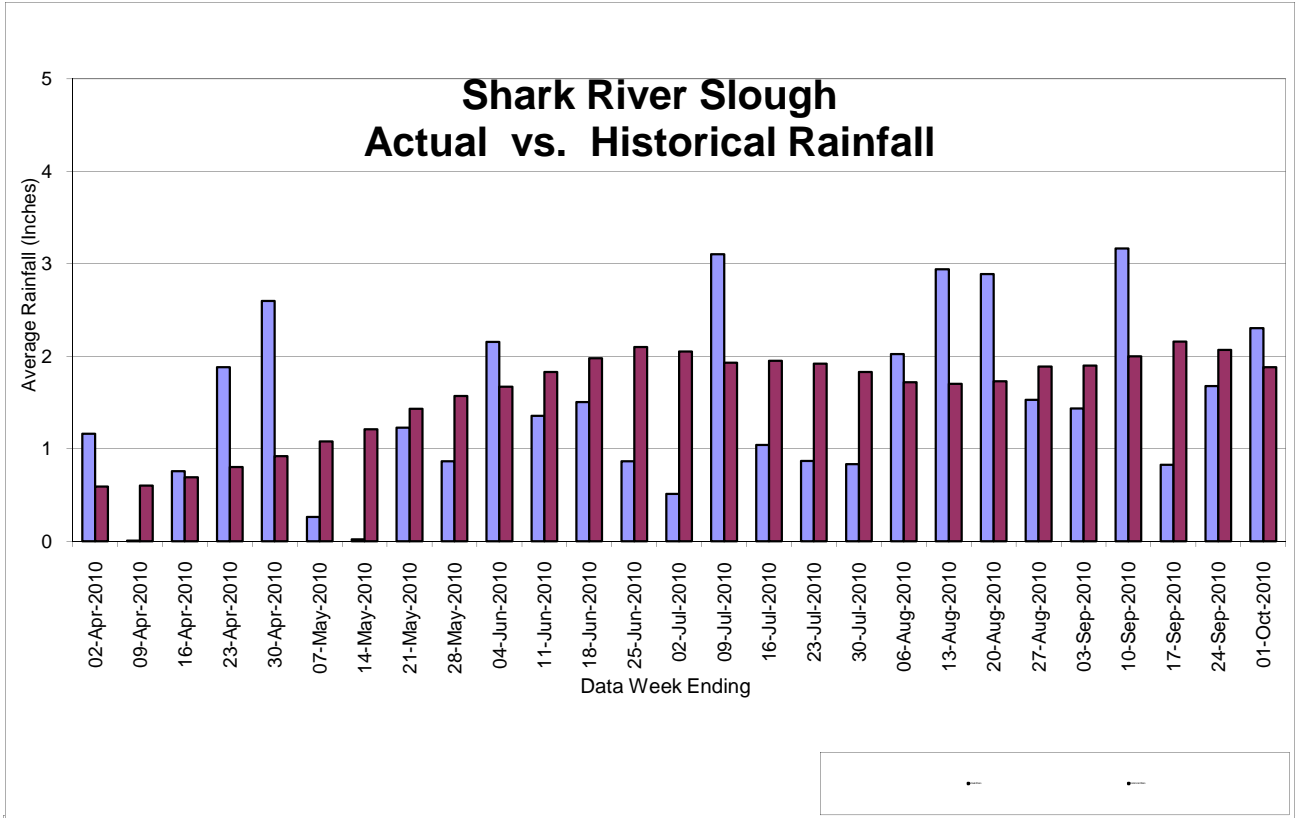
----- **Statistical Parameters** -----

Rainfall Formula Amount 824 cfs
 Last Week's Rainfall Formula 595 cfs
 Pre-Project Mean Discharge 995 cfs

Rainfall Excess Terms
RL1 -0.18 RL2 -1.38 RL3 0.57

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 28, 2010 to October 4, 2010 2700 cfs

S-12 Discharge 1215 cfs
 S-333 Discharge 1485 cfs

----- Data Summary ----- September 17, 2010 to September 24, 2010
 WCA-3A Stage (end of week) 10.60 ft. msl
 Angel's 6.52 ft. msl
 G3273 6.98 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.22	1.56
S-8	1.37	
S-9	3.08	
S-140	M	1.64
S-12D	M	
S-336	M	
ENP	0.79	M
Gage 63	M	
Gage 64	2.46	
Gage 65	1.15	
This Week's Avg	1.68	1.60
Pre-Project Avg	2.07	1.25

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

WCA-3A is in Zone B

Supplemental discharge is 2105 cfs
 Distance to Bottom of Transition Zone -0.84 feet
 Distance to Bottom of Regulatory Zone 0.15 feet

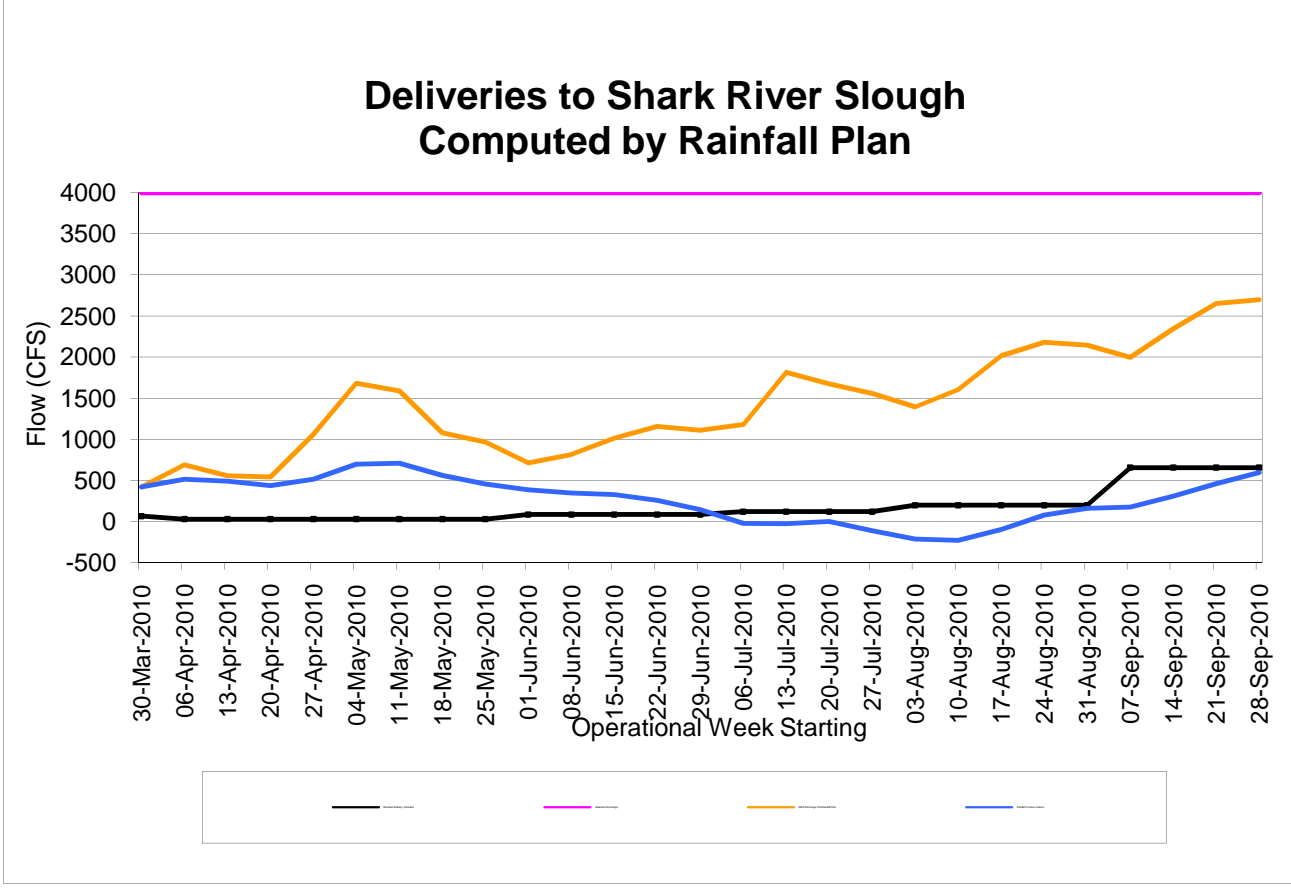
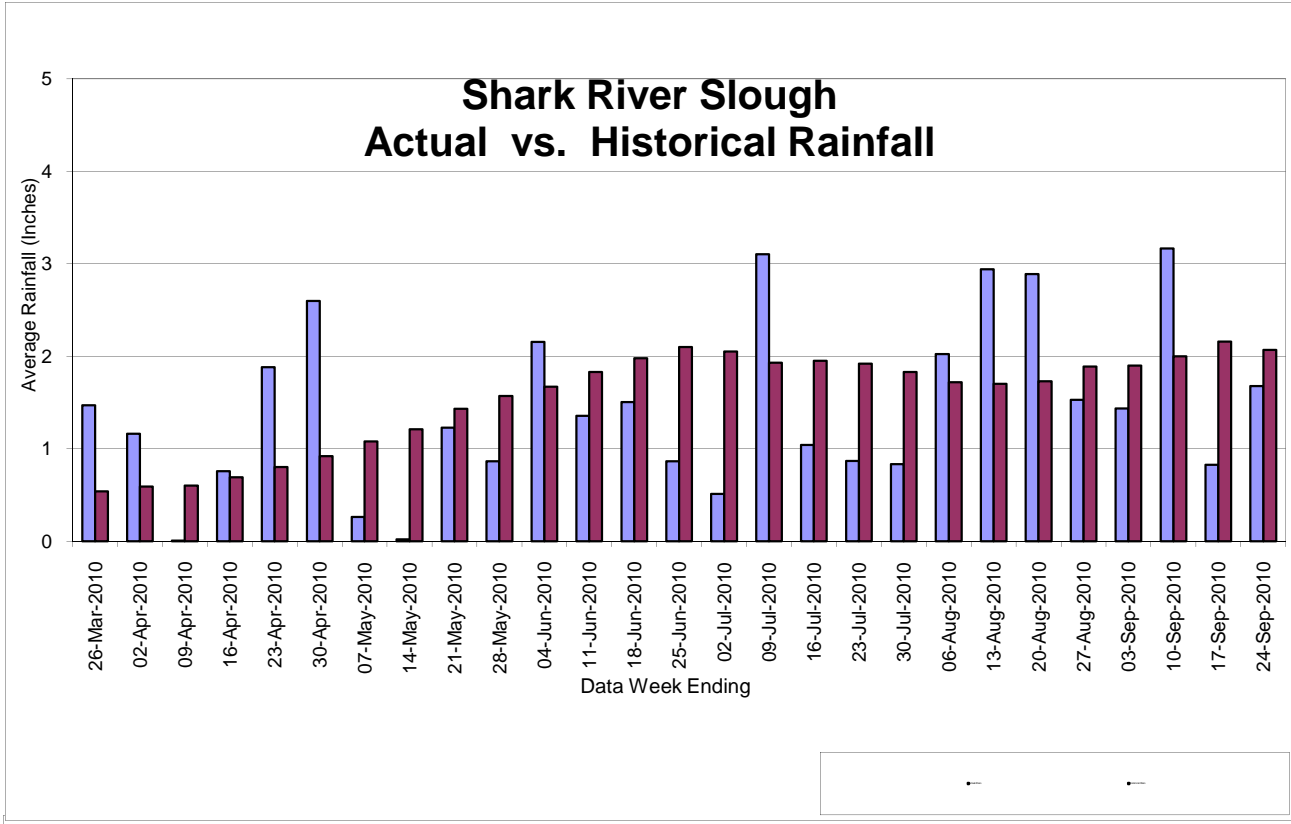
----- Statistical Parameters -----

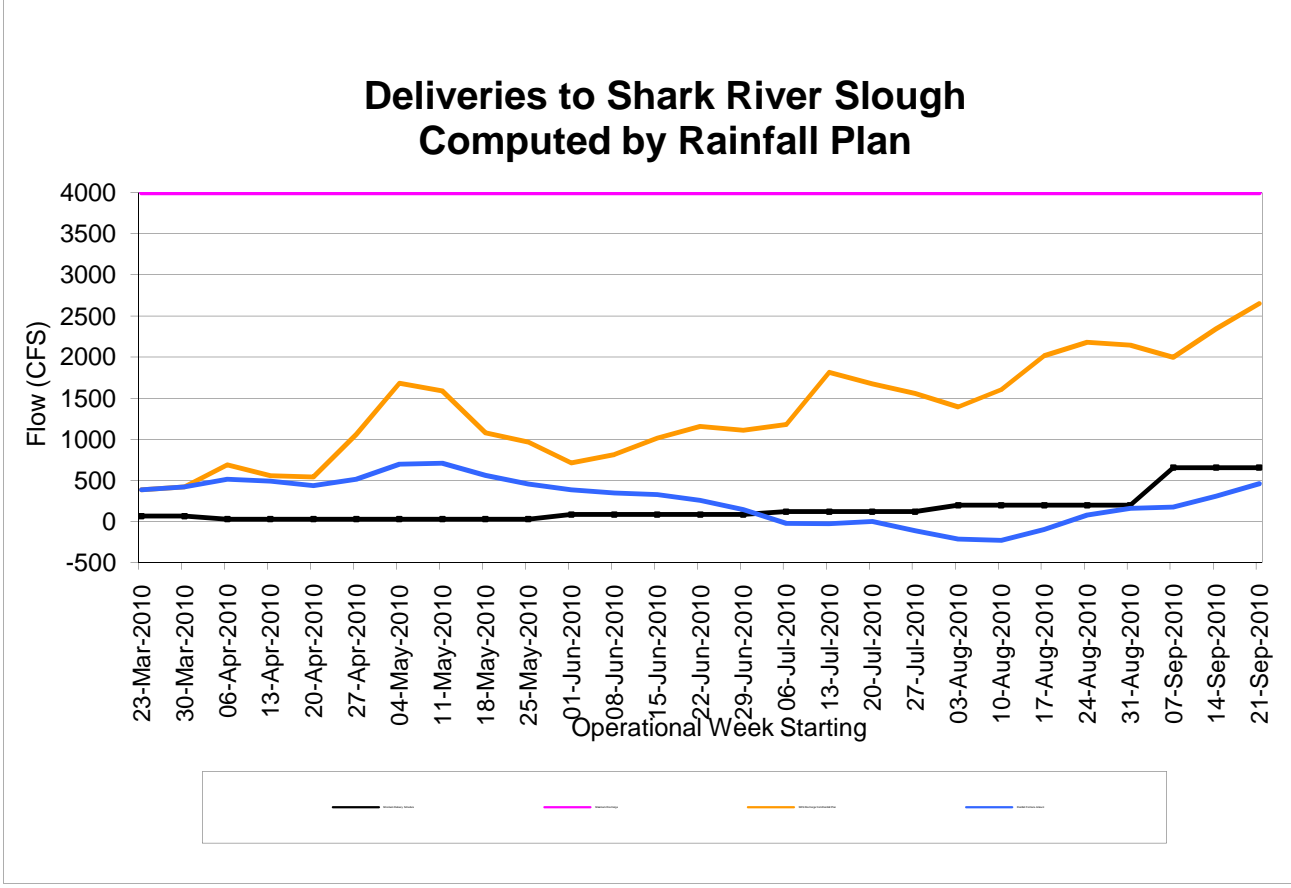
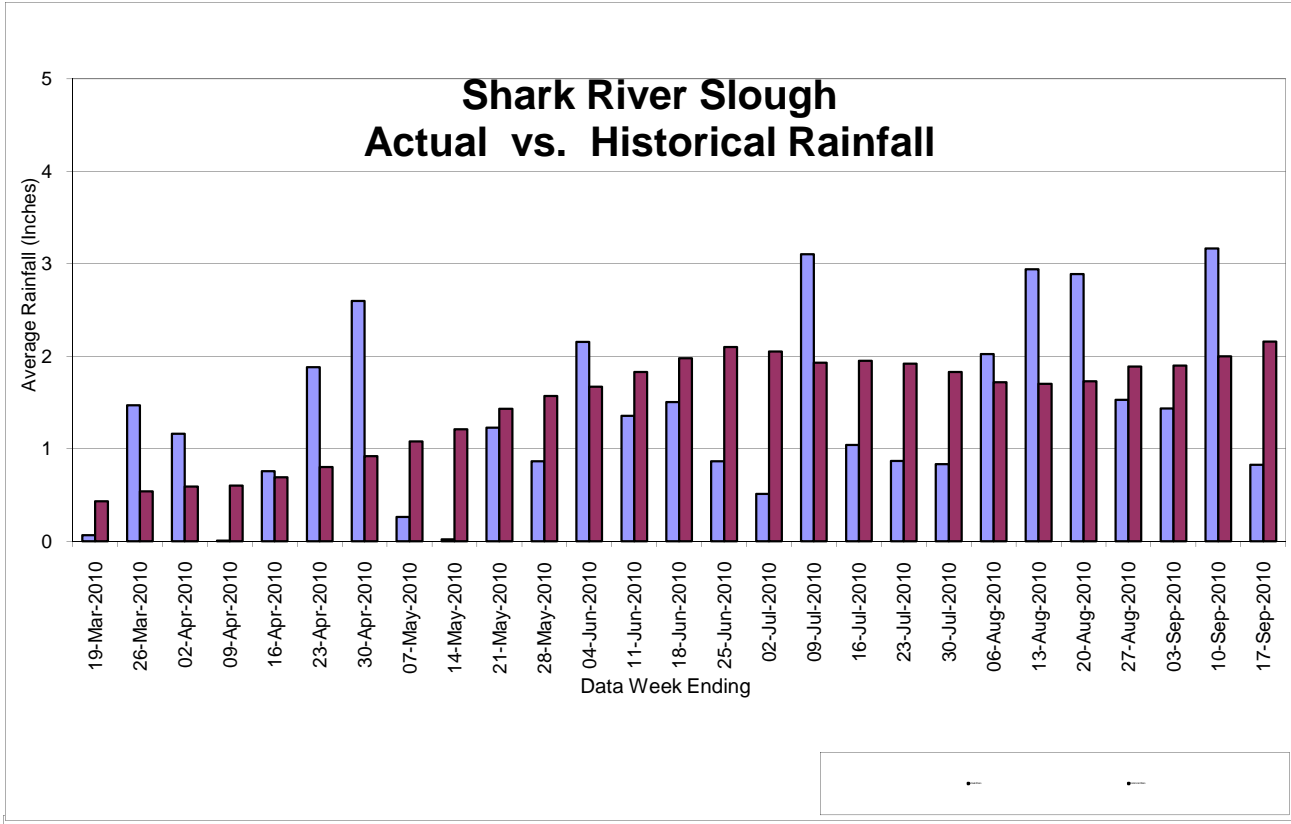
Rainfall Formula Amount 595 cfs
 Last Week's Rainfall Formula 458 cfs
 Pre-Project Mean Discharge 779 cfs

Rainfall Excess Terms
RL1 -2.25 RL2 0.91 RL3 -1.54

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 14, 2010 to September 20, 2010 2343 cfs

S-12 Discharge 1054 cfs
 S-333 Discharge 1288 cfs

----- Data Summary ----- September 3, 2010 to September 10, 2010
 WCA-3A Stage (end of week) 10.48 ft. msl
 Angel's 7.03 ft. msl
 G3273 7.12 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	3.40	1.47
S-8	4.90	
S-9	4.77	
S-140	M	1.14
S-12D	M	
S-336	1.64	
ENP	1.16	M
Gage 63	M	
Gage 64	3.13	
Gage 65	M	
<hr/>		
This Week's Avg	3.17	1.30
Pre-Project Avg	2.00	1.31

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

WCA-3A is in Zone B

Supplemental discharge is 2033 cfs
 Distance to Bottom of Transition Zone -0.81 feet
 Distance to Bottom of Regulatory Zone 0.19 feet

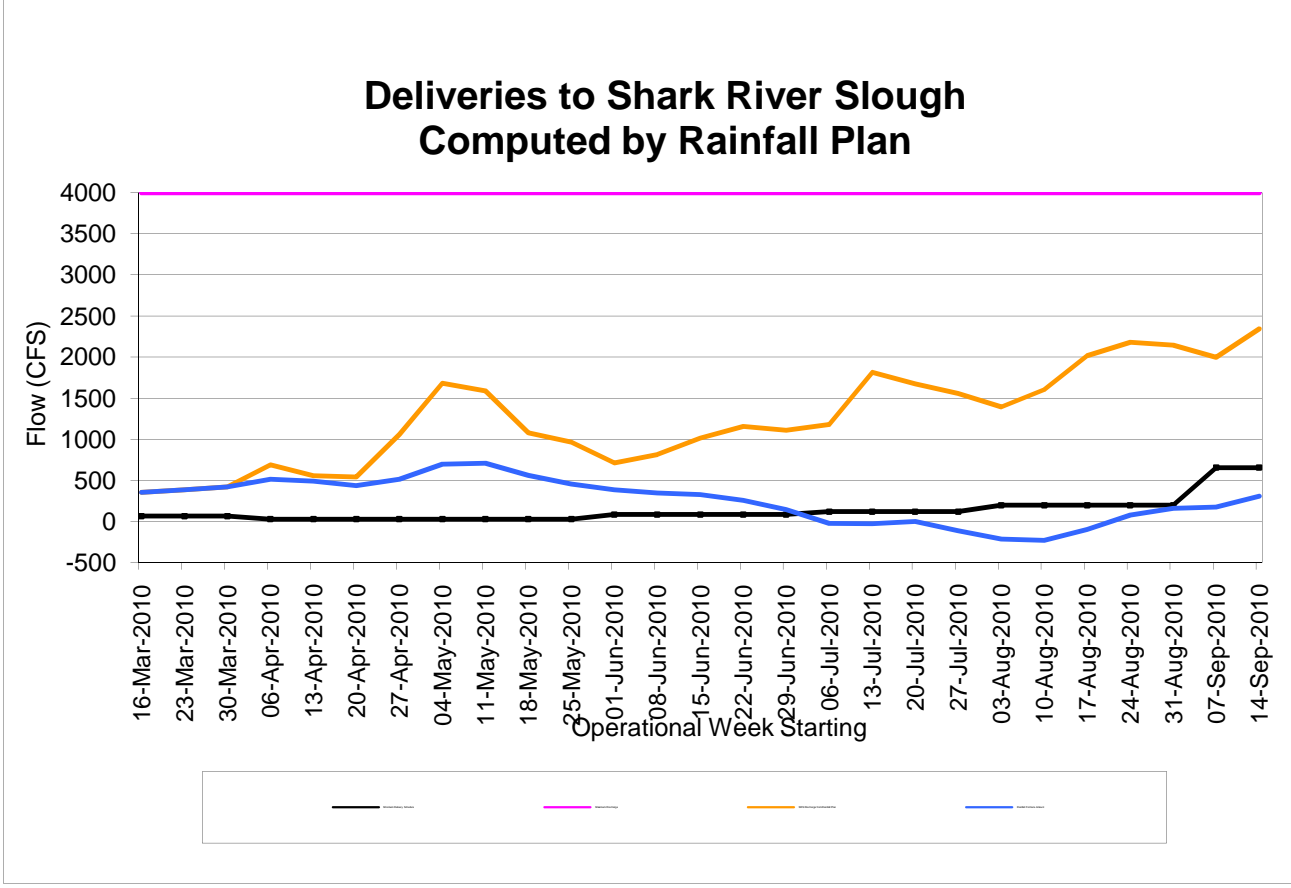
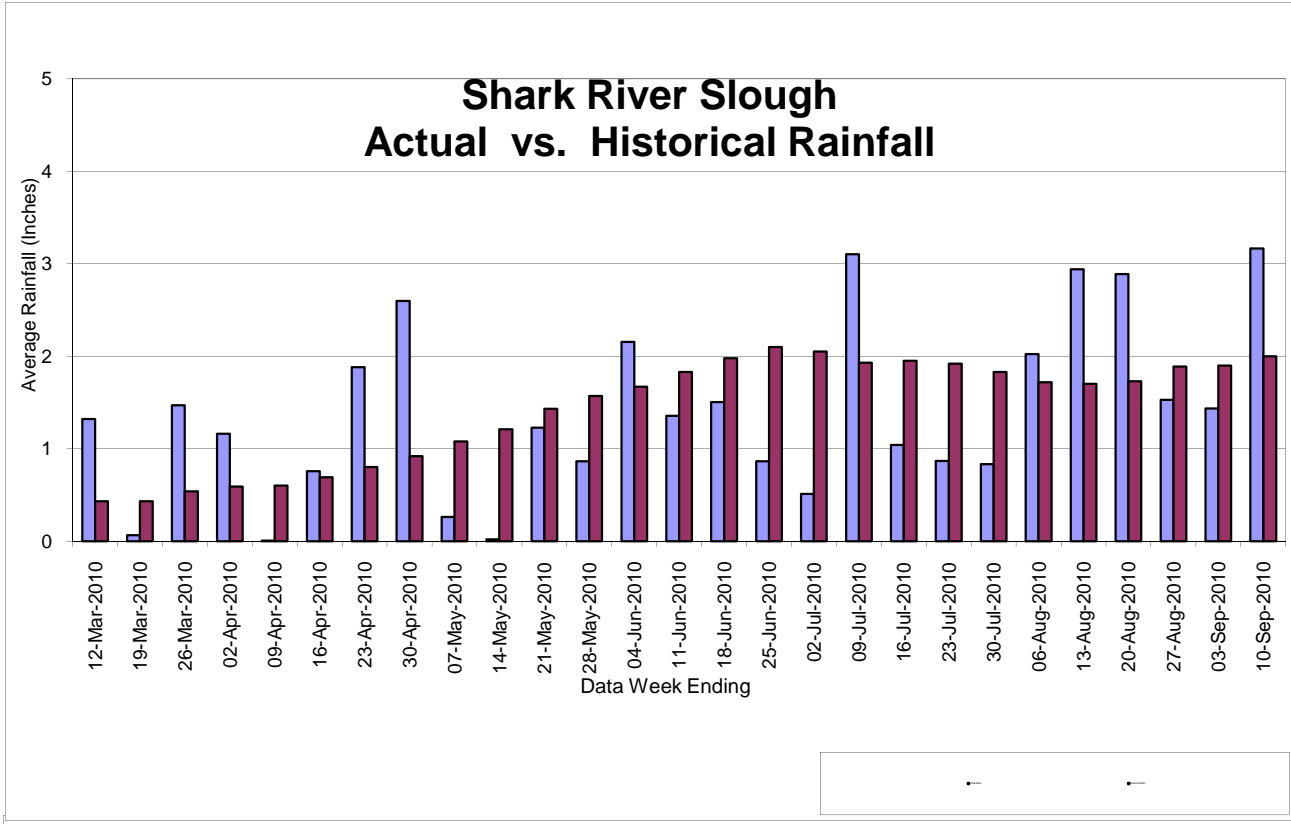
----- Statistical Parameters -----

Rainfall Formula Amount 309 cfs
 Last Week's Rainfall Formula 176 cfs
 Pre-Project Mean Discharge 385 cfs

Rainfall Excess Terms
RL1 0.44 RL2 1.62 RL3 -2.81

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 September 7, 2010 to September 13, 2010 1999 cfs

S-12 Discharge 900 cfs
 S-333 Discharge 1099 cfs

----- Data Summary ----- August 27, 2010 to September 3, 2010
 WCA-3A Stage (end of week) 10.35 ft. msl
 Angel's 6.71 ft. msl
 G3273 7.05 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.91	1.50
S-8	M	
S-9	M	
S-140	M	1.87
S-12D	3.11	
S-336	0.77	
ENP	1.06	M
Gage 63	M	
Gage 64	1.58	
Gage 65	1.19	
This Week's Avg	1.44	1.68
Pre-Project Avg	1.90	1.34

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

WCA-3A is in Zone B

Supplemental discharge is 1823 cfs
 Distance to Bottom of Transition Zone -0.73 feet
 Distance to Bottom of Regulatory Zone 0.27 feet

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

Rainfall Formula Amount 176 cfs
 Last Week's Rainfall Formula 159 cfs
 Pre-Project Mean Discharge 310 cfs

Rainfall Excess Terms

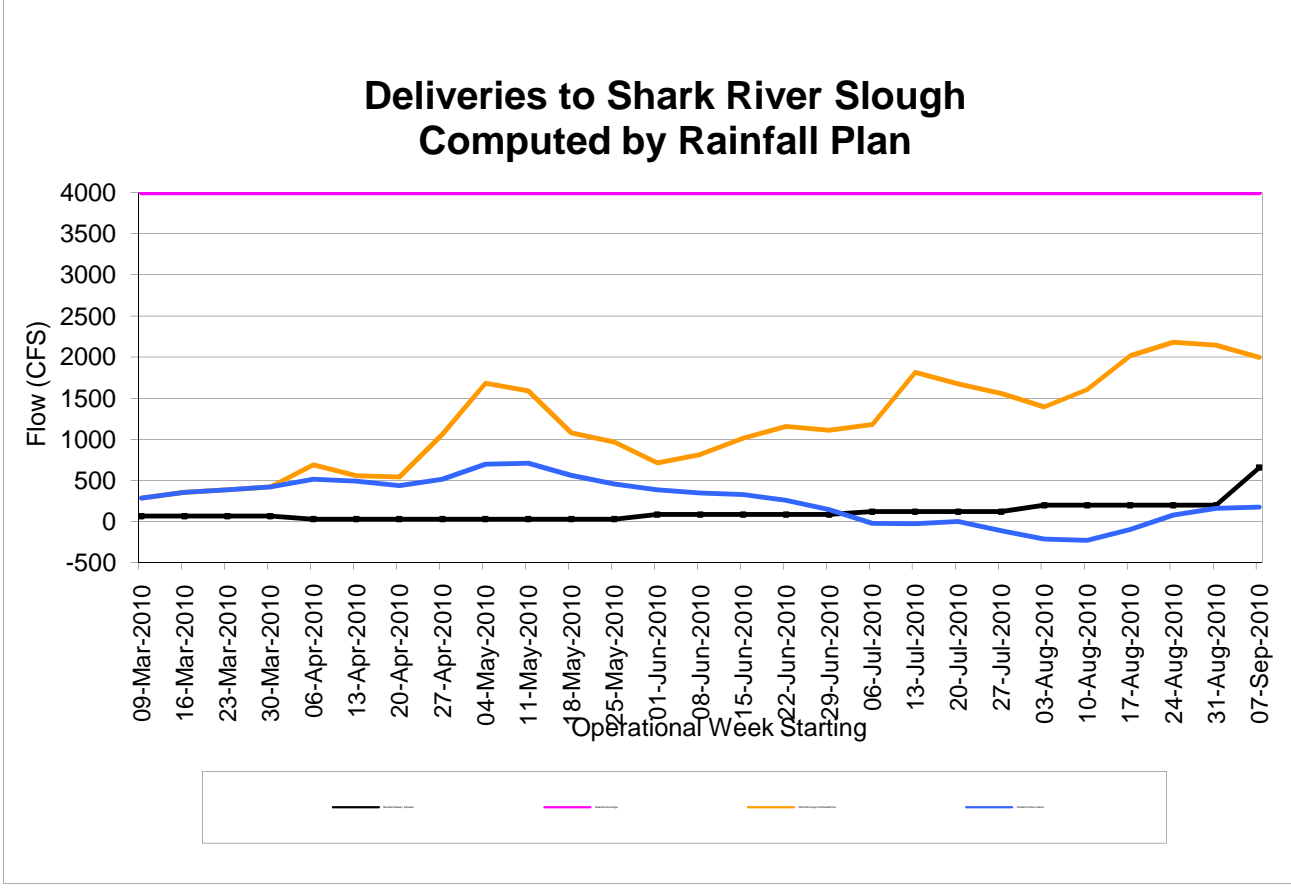
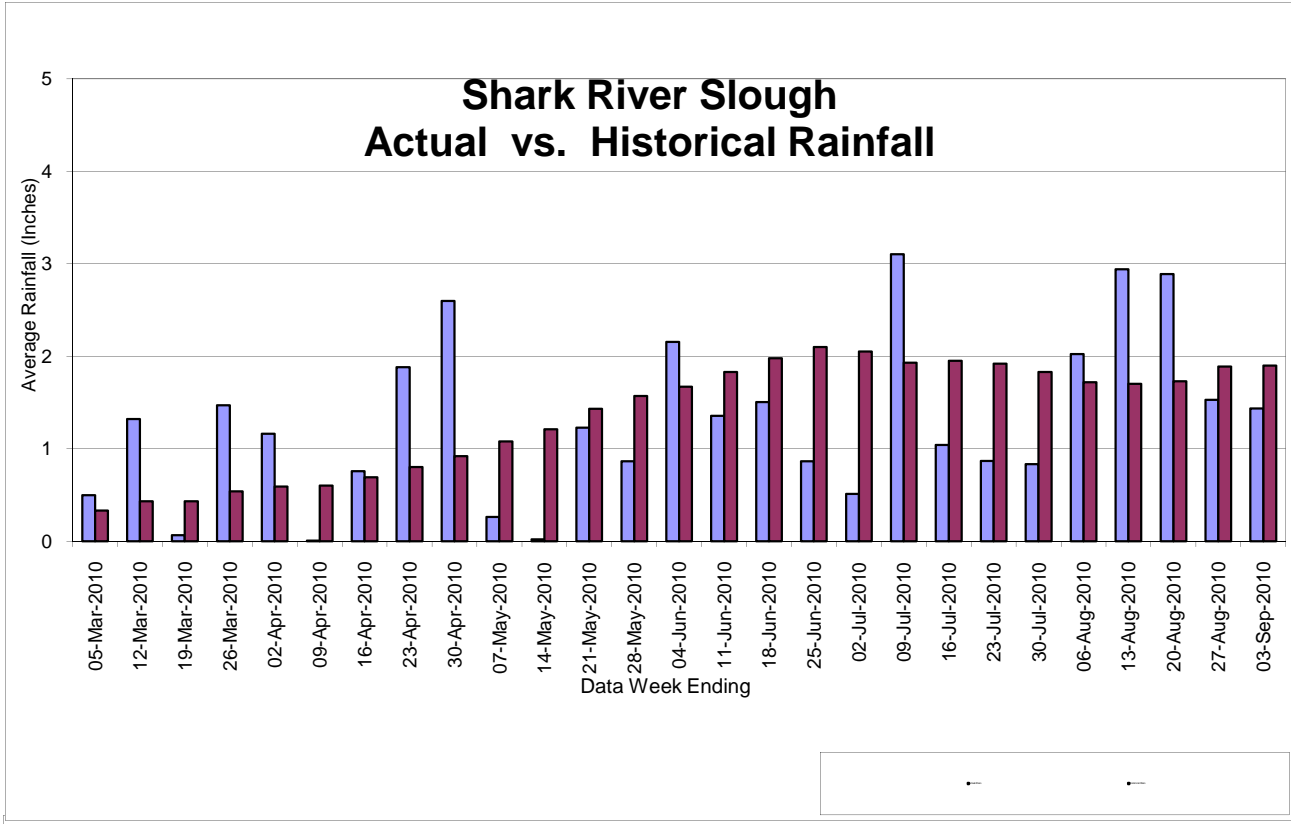
RL1 -0.97

RL2 0.57

RL3 -3.38

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 31, 2010 to September 6, 2010 2146 cfs

S-12 Discharge 966 cfs
 S-333 Discharge 1180 cfs

----- Data Summary ----- August 20, 2010 to August 27, 2010
 WCA-3A Stage (end of week) 10.37 ft. msl
 Angel's 6.99 ft. msl
 G3273 7.14 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.46	1.20
S-8	2.53	
S-9	0.44	
S-140	M	1.20
S-12D	1.63	
S-336	M	
ENP	0.69	M
Gage 63	M	
Gage 64	3.37	
Gage 65	1.57	
<hr/>		
This Week's Avg	1.53	1.20
Pre-Project Avg	1.89	1.36

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

WCA-3A is in Zone B

Supplemental discharge is 1987 cfs
 Distance to Bottom of Transition Zone -0.79 feet
 Distance to Bottom of Regulatory Zone 0.21 feet

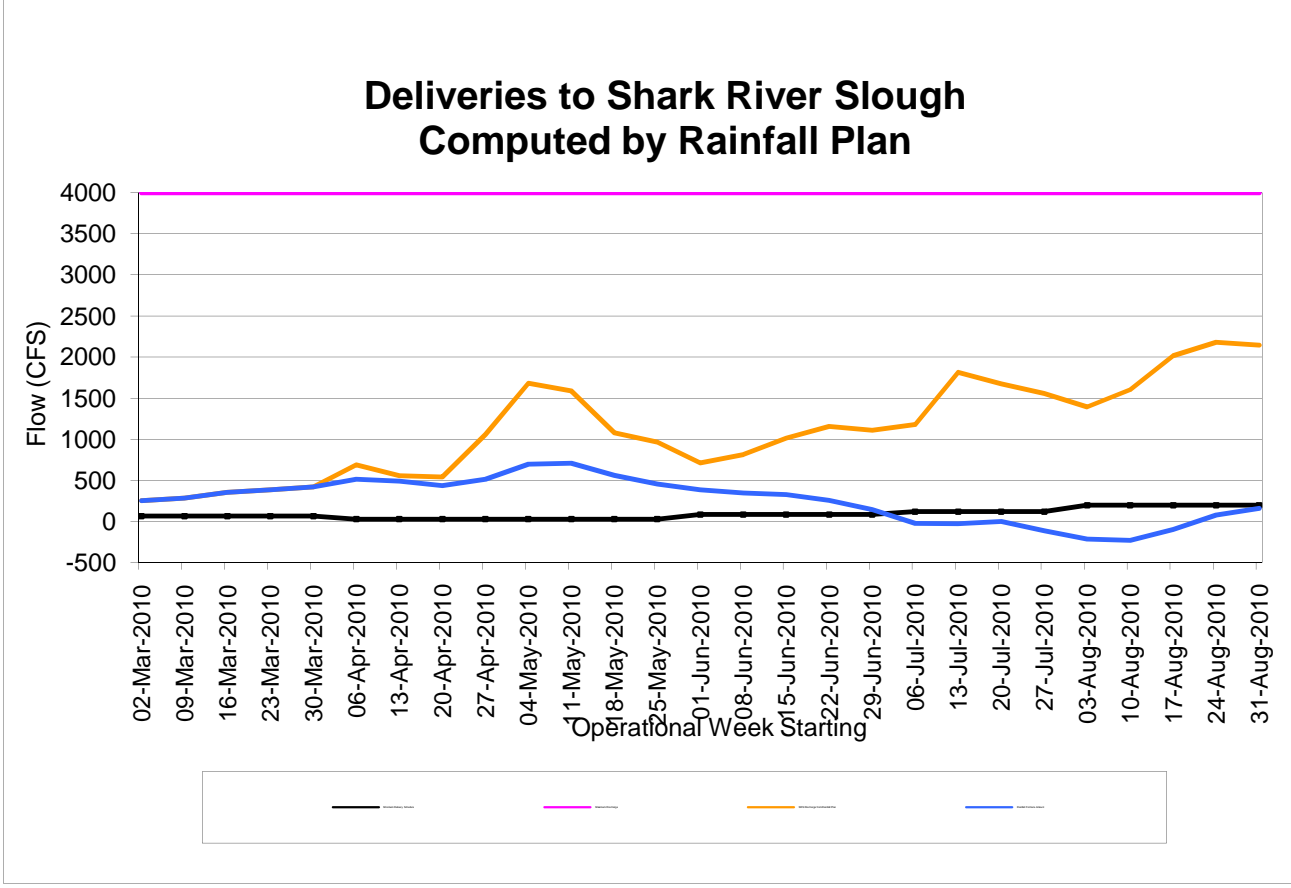
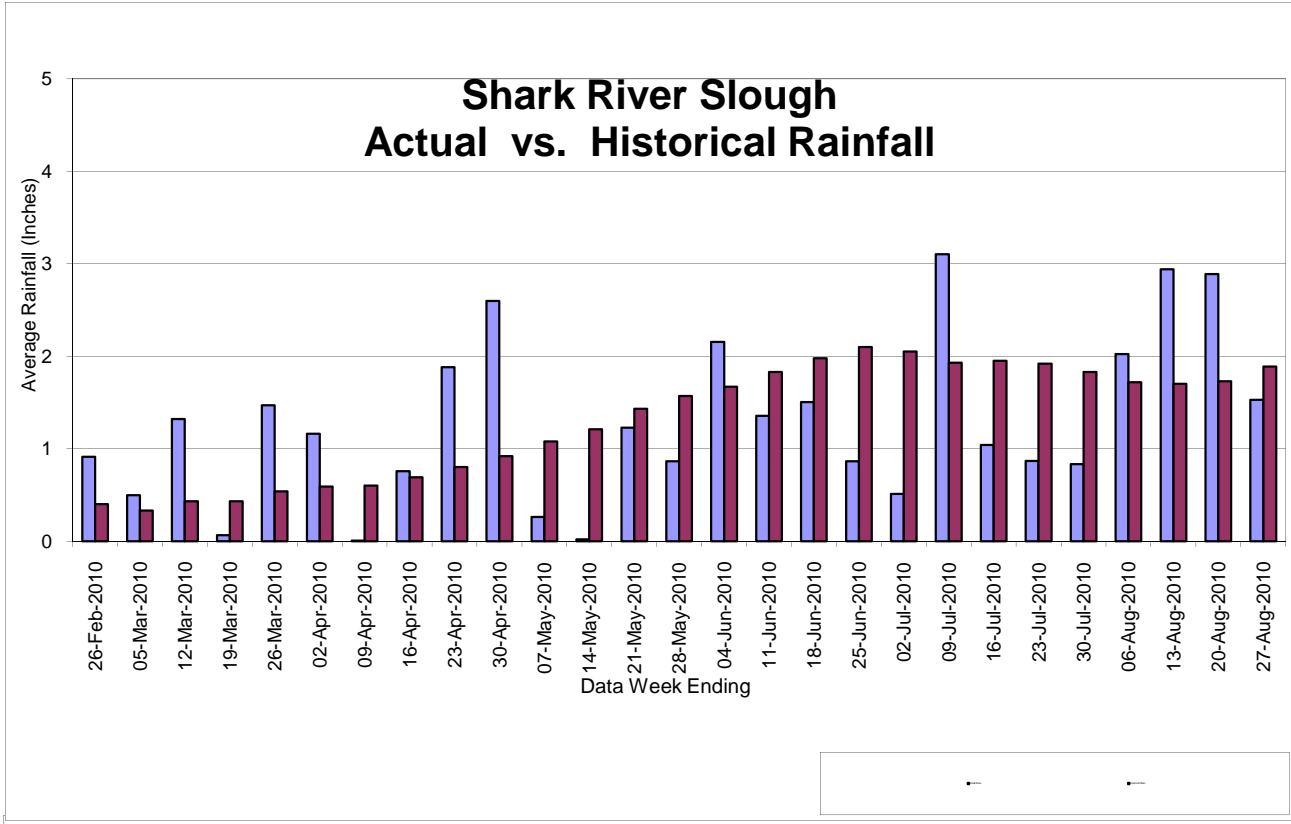
----- Statistical Parameters -----

Rainfall Formula Amount 159 cfs
 Last Week's Rainfall Formula 79 cfs
 Pre-Project Mean Discharge 257 cfs

Rainfall Excess Terms
RL1 0.47 RL2 -1.54 RL3 -3.56

COMMENT: S140 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 August 24, 2010 to August 30, 2010 2180 cfs

S-12 Discharge 981 cfs
 S-333 Discharge 1199 cfs

----- Data Summary ----- August 13, 2010 to August 20, 2010
 WCA-3A Stage (end of week) 10.37 ft. msl
 Angel's 6.95 ft. msl
 G3273 7.13 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.23	1.70
S-8	3.31	
S-9	1.44	
S-140	1.51	2.23
S-12D	1.65	
S-336	3.23	
ENP	2.27	M
Gage 63	M	
Gage 64	5.32	
Gage 65	6.04	
<hr/>		
This Week's Avg	2.89	1.97
Pre-Project Avg	1.73	1.40

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

WCA-3A is in Zone B

Supplemental discharge is 2101 cfs
 Distance to Bottom of Transition Zone -0.84 feet
 Distance to Bottom of Regulatory Zone 0.16 feet

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

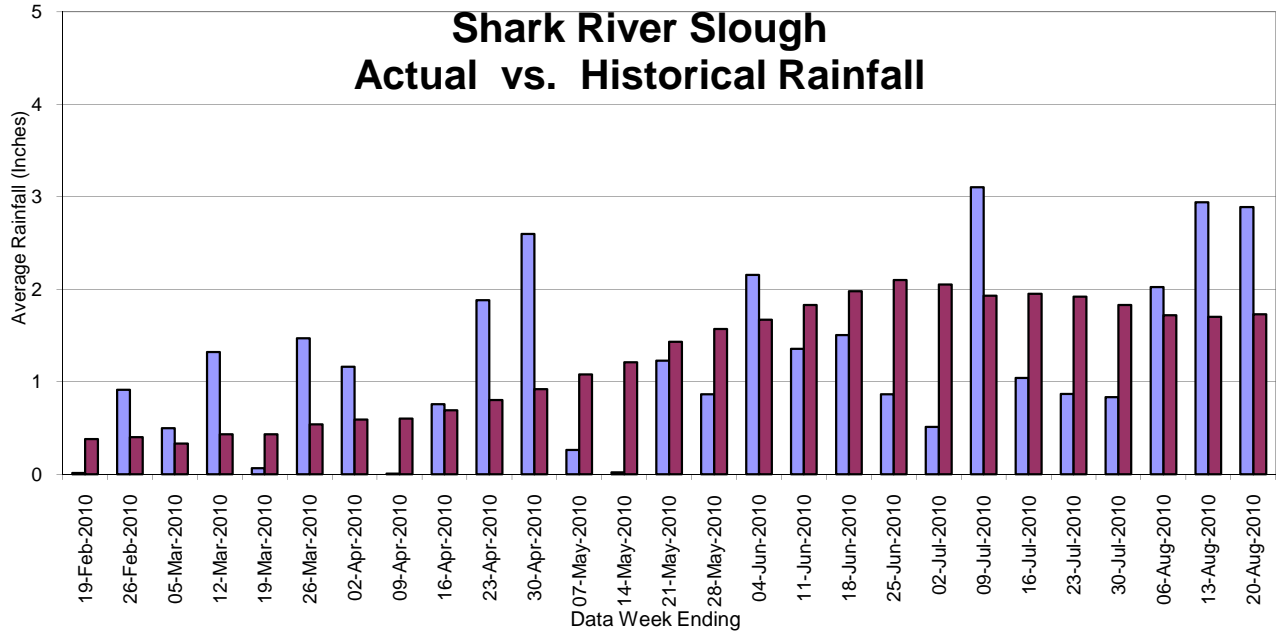
Rainfall Formula Amount 79 cfs
 Last Week's Rainfall Formula -96 cfs
 Pre-Project Mean Discharge 223 cfs

Rainfall Excess Terms
RL1 1.74 RL2 -3.85 RL3 -3.02

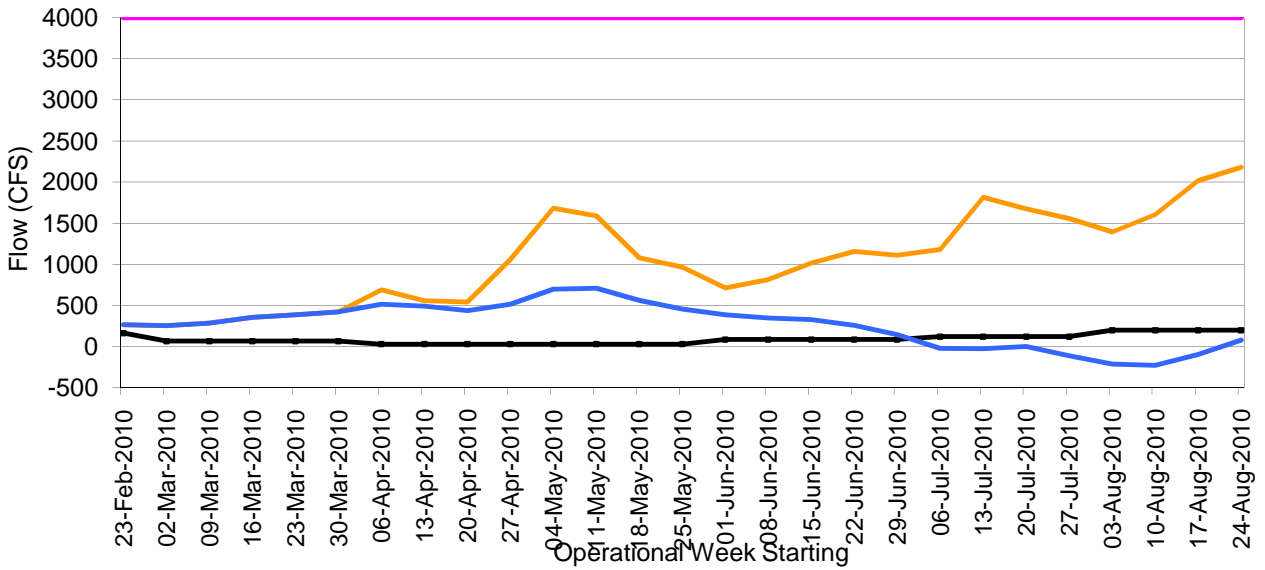
COMMENT: S140 and S7 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow August 17, 2010 to August 23, 2010 2016 cfs

S-12 Discharge 907 cfs
 S-333 Discharge 1109 cfs

----- Data Summary -----
 August 6, 2010 to August 13, 2010
 WCA-3A Stage (end of week) 10.29 ft. msl
 Angel's 6.95 ft. msl
 G3273 7.13 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	3.15	1.58
S-8	2.25	
S-9	0.96	
S-140	M	1.71
S-12D	2.61	
S-336	2.99	
ENP	M	M
Gage 63	M	
Gage 64	5.68	
Gage 65	M	
This Week's Avg	2.94	1.65
Pre-Project Avg	1.70	1.39

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

WCA-3A is in Zone B

Supplemental discharge is 2016 cfs
 Distance to Bottom of Transition Zone -0.81 feet
 Distance to Bottom of Regulatory Zone 0.19 feet

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

Rainfall Formula Amount -96 cfs
 Last Week's Rainfall Formula -230 cfs
 Pre-Project Mean Discharge 199 cfs

Rainfall Excess Terms

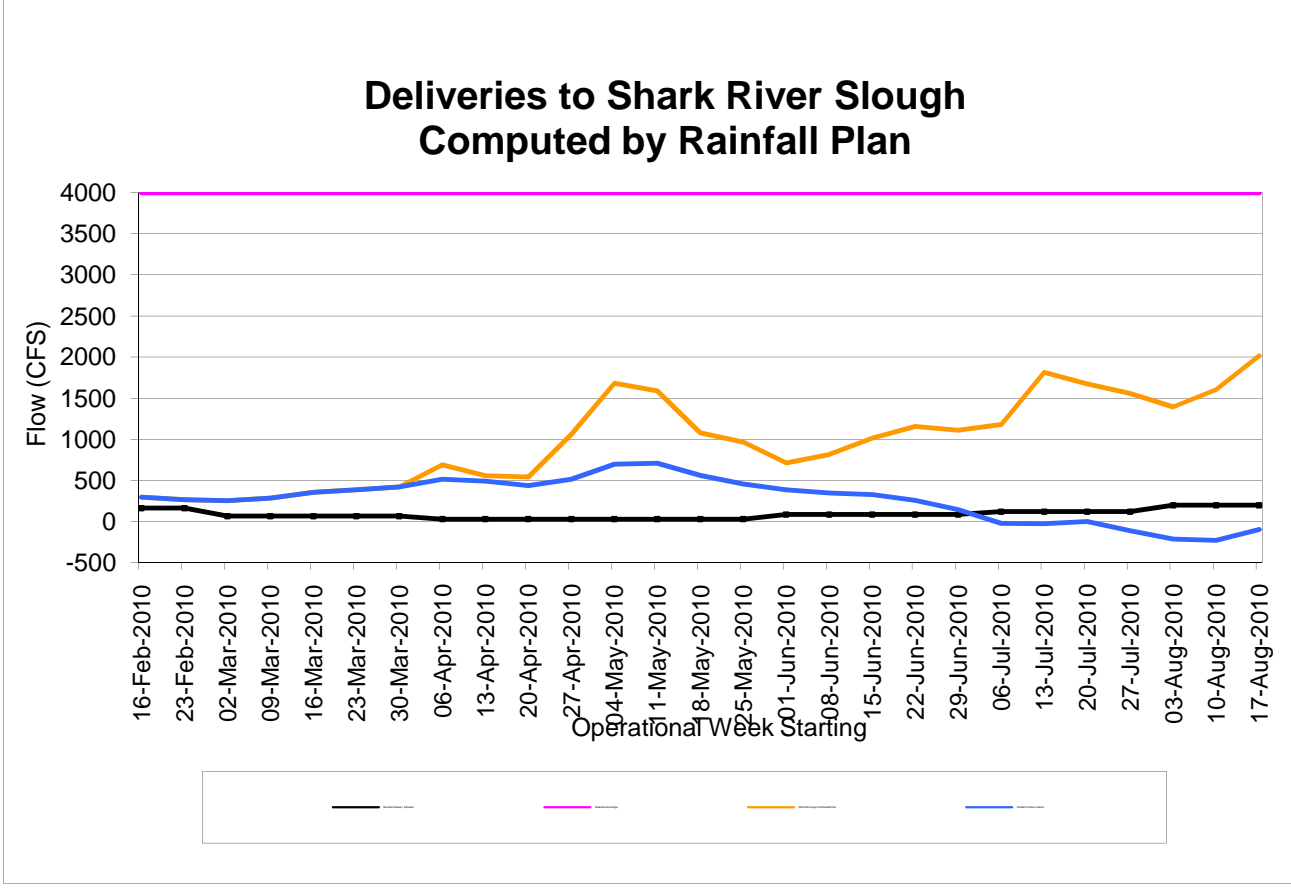
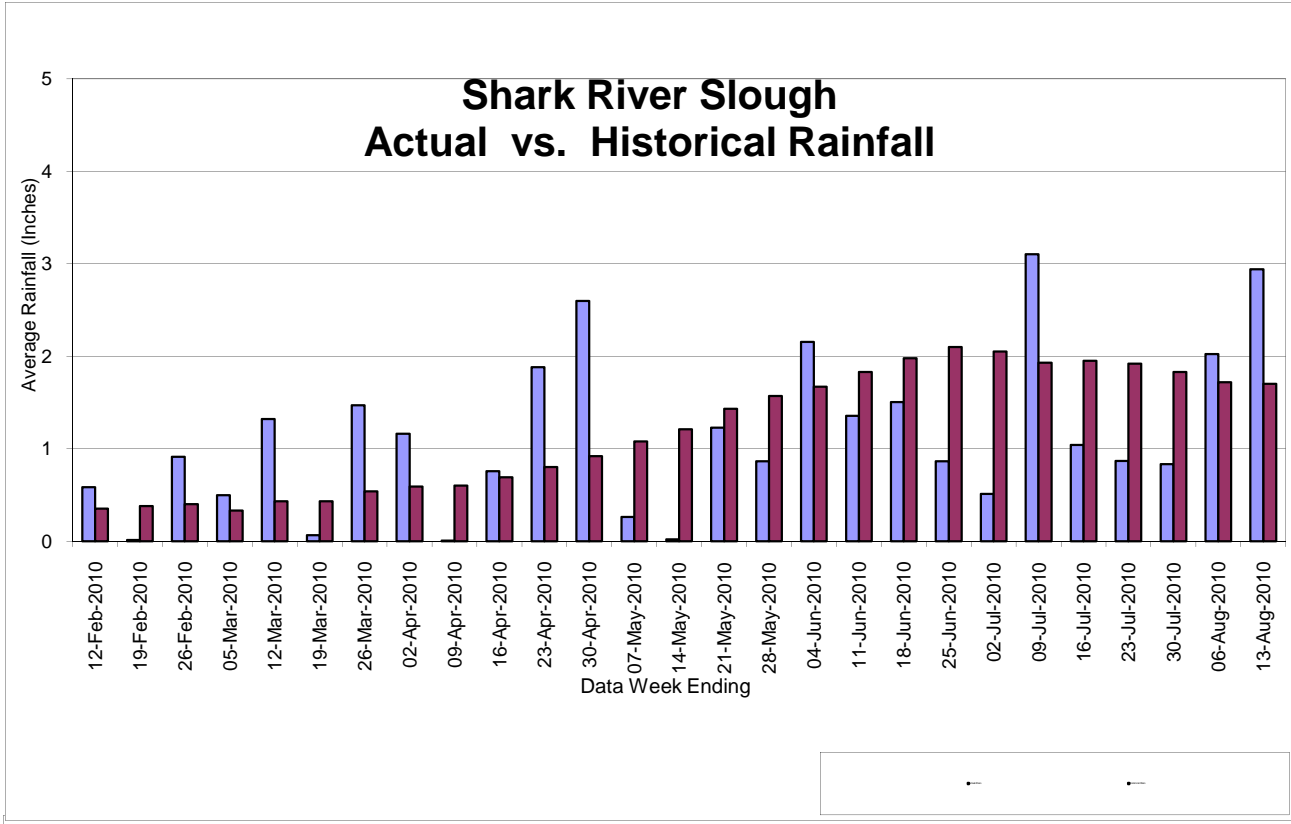
RL1 1.15

RL2 -2.81

RL3 -5.08

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 August 10, 2010 to August 16, 2010 1605 cfs

S-12 Discharge 722 cfs
 S-333 Discharge 883 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) July 30, 2010 to August 6, 2010
 Angel's 10.08 ft. msl
 G3273 5.89 ft. msl
6.76 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.18	1.52
S-8	1.96	
S-9	0.27	
S-140	M	1.79
S-12D	M	
S-336	M	
ENP	3.06	M
Gage 63	M	
Gage 64	5.51	
Gage 65	0.17	
This Week's Avg	2.03	1.66
Pre-Project Avg	1.72	1.42

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

WCA-3A is in Zone B

Supplemental discharge is 1605 cfs
 Distance to Bottom of Transition Zone -0.64 feet
 Distance to Bottom of Regulatory Zone 0.36 feet

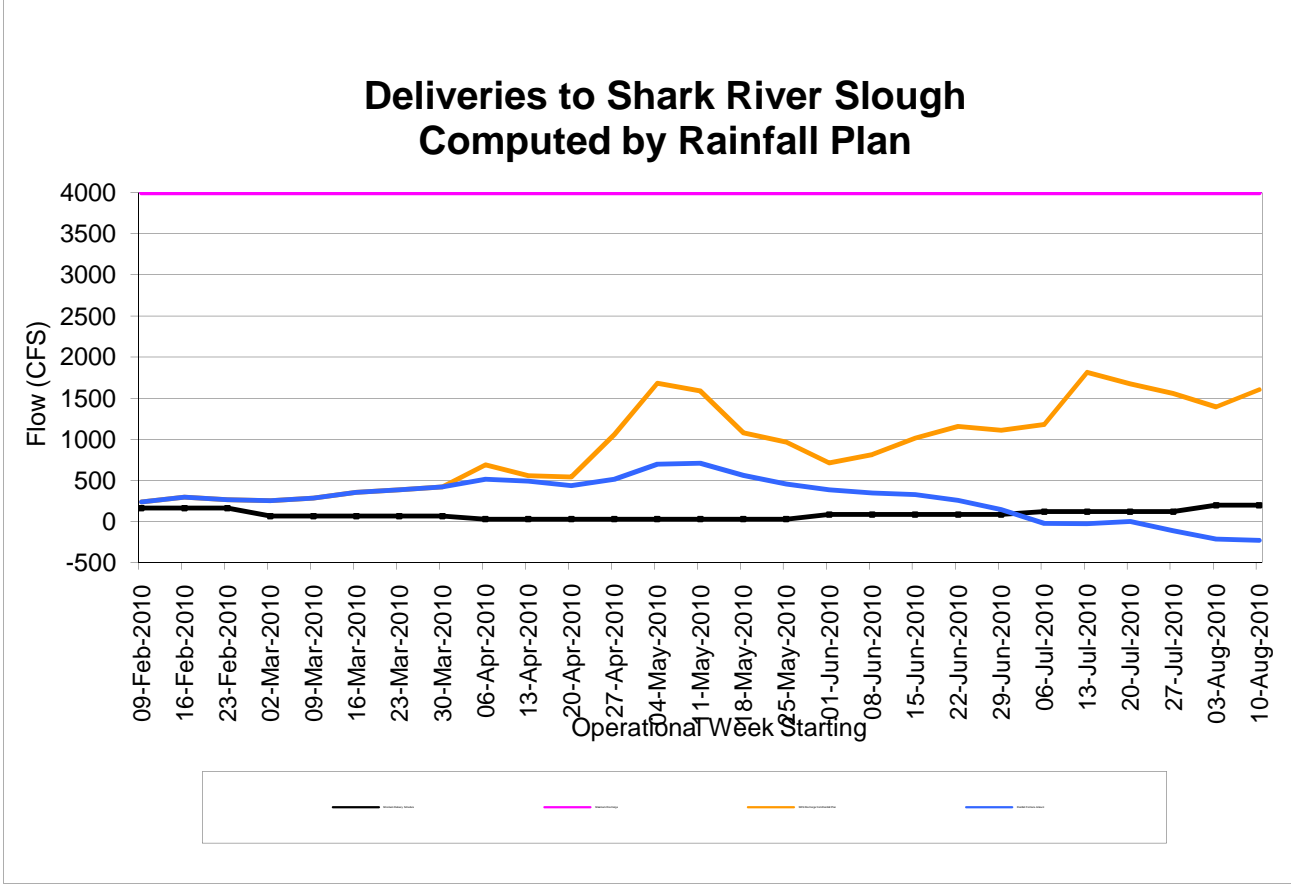
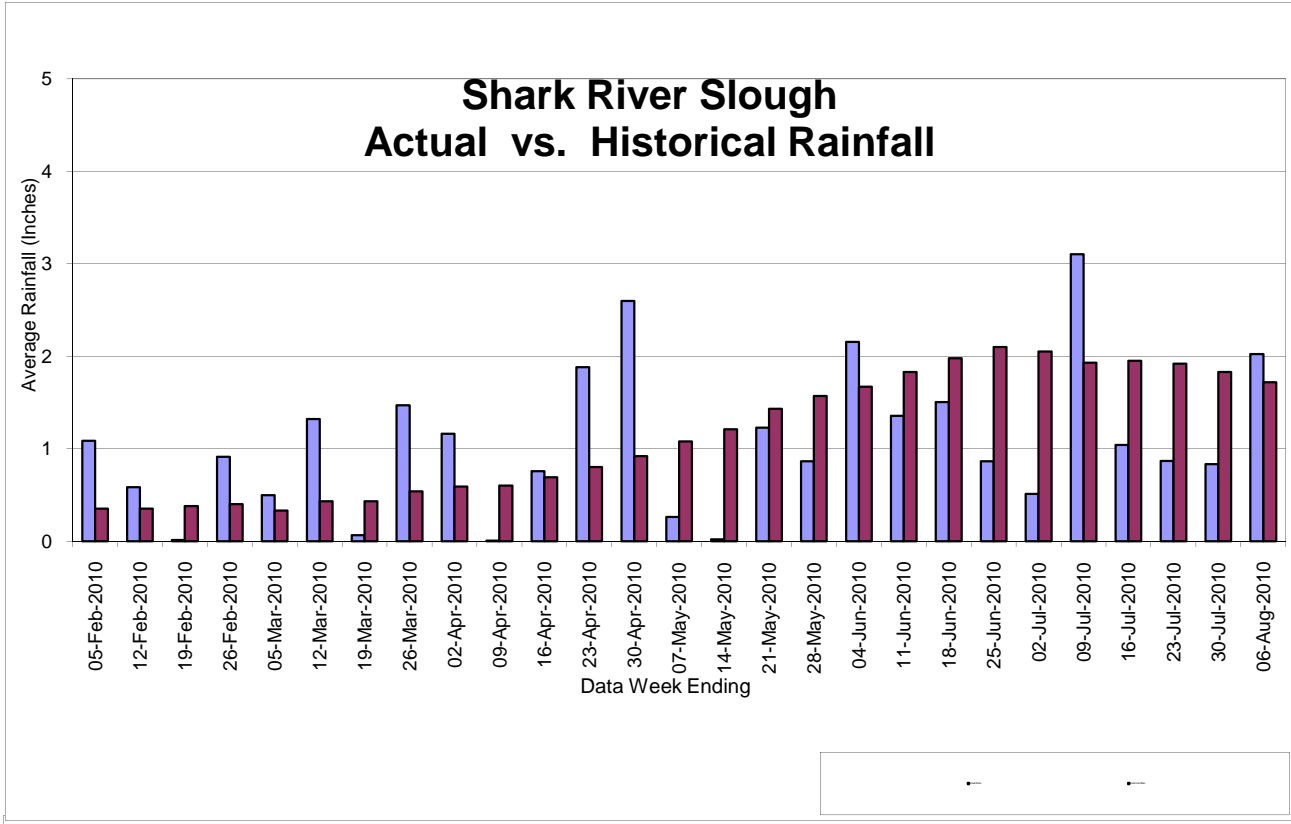
----- Statistical Parameters -----

Rainfall Formula Amount -230 cfs
 Last Week's Rainfall Formula -215 cfs
 Pre-Project Mean Discharge 185 cfs

Rainfall Excess Terms
RL1 -1.17 RL2 -3.38 RL3 -2.83

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 3, 2010 to August 9, 2010 1395 cfs

S-12 Discharge 628 cfs
 S-333 Discharge 767 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) July 23, 2010 to July 30, 2010
 Angel's 9.95 ft. msl
 G3273 5.85 ft. msl
6.62 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.22	1.78
S-8	0.82	
S-9	M	
S-140	M	1.79
S-12D	M	
S-336	0.19	
ENP	1.94	M
Gage 63	M	
Gage 64	0.54	
Gage 65	0.29	
This Week's Avg	0.83	1.79
Pre-Project Avg	1.83	1.42

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

WCA-3A is in Zone B

Supplemental discharge is 1395 cfs
 Distance to Bottom of Transition Zone -0.56 feet
 Distance to Bottom of Regulatory Zone 0.44 feet

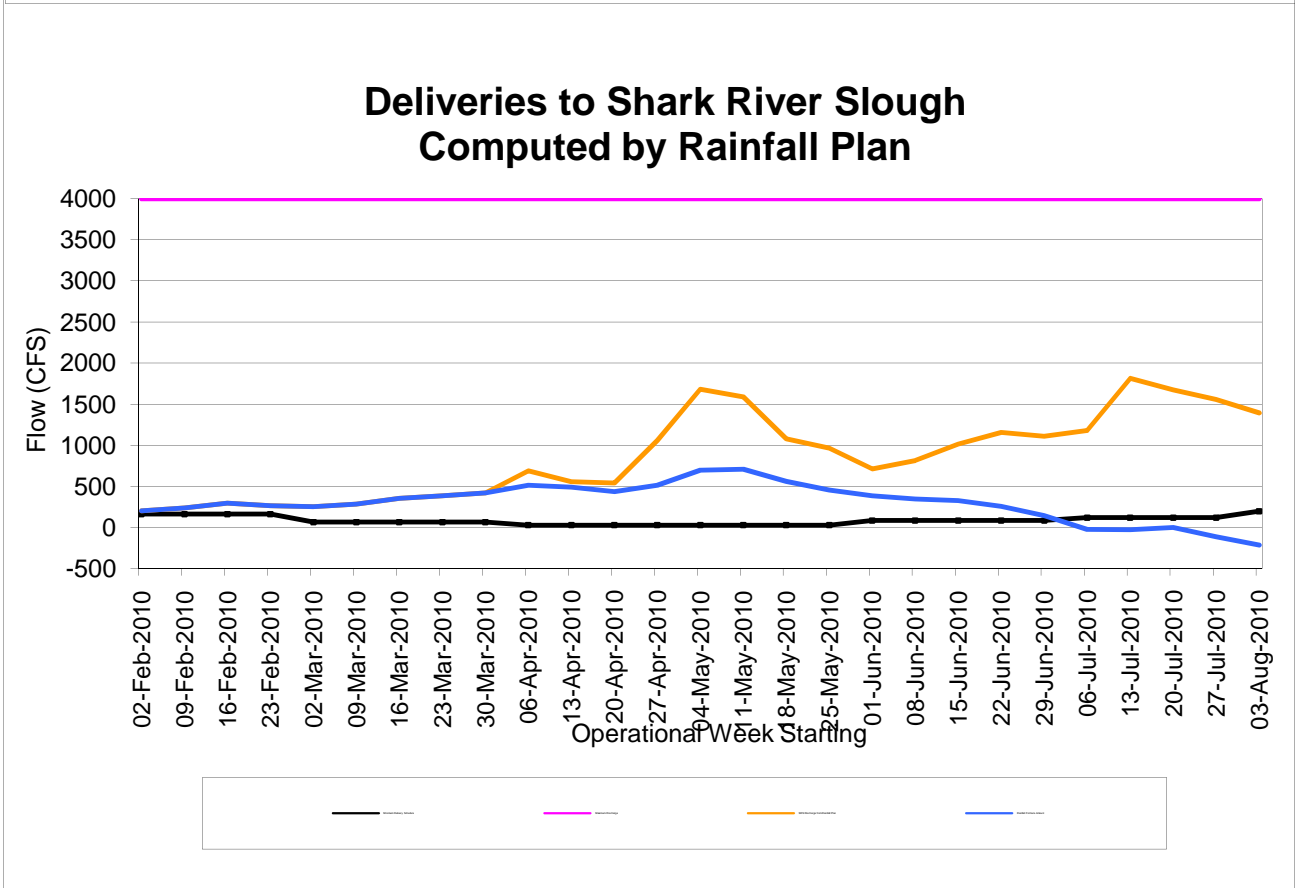
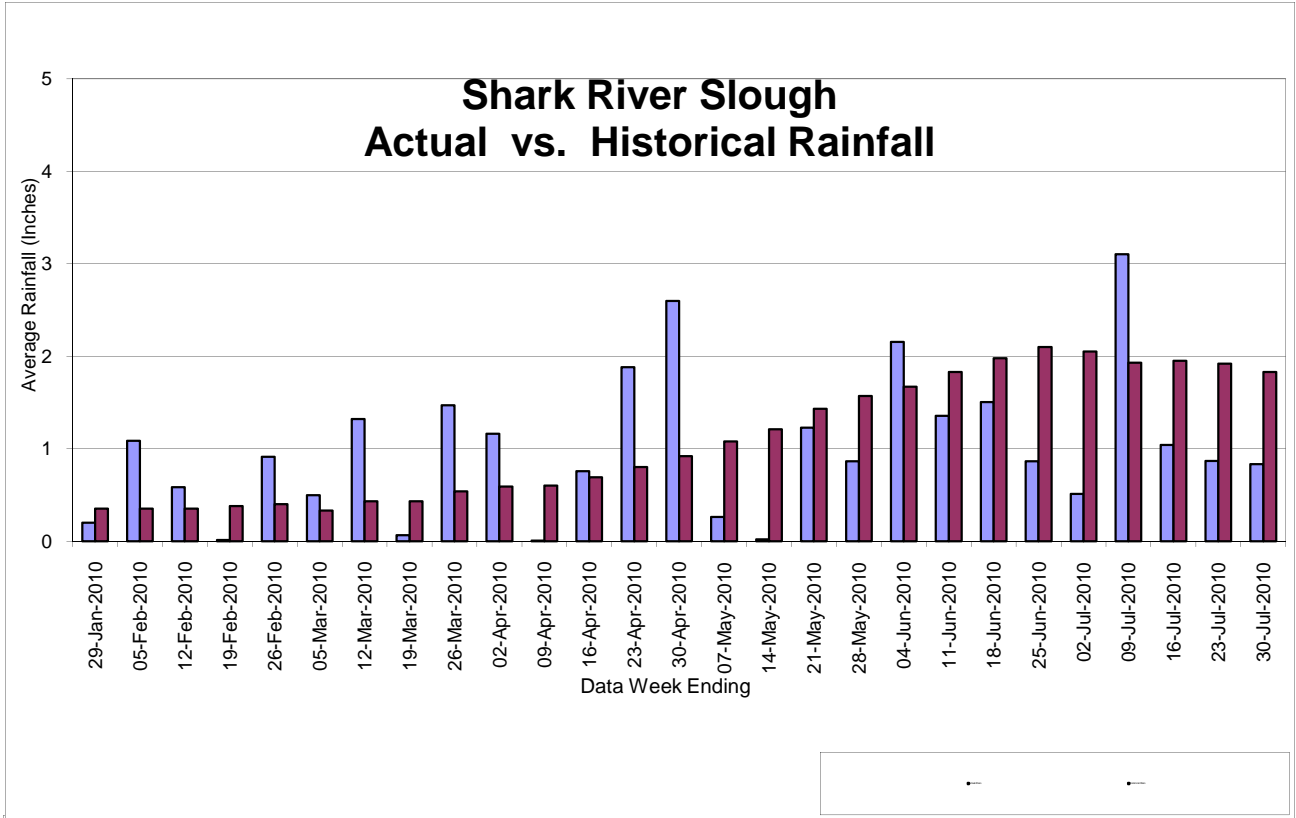
----- Statistical Parameters -----

Rainfall Formula Amount -215 cfs
 Last Week's Rainfall Formula -113 cfs
 Pre-Project Mean Discharge 175 cfs

Rainfall Excess Terms
RL1 -2.69 RL2 -3.56 RL3 -2.18

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 27, 2010 to August 2, 2010 1559 cfs

S-12 Discharge 702 cfs
 S-333 Discharge 857 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) July 16, 2010 to July 23, 2010
 Angel's 9.97 ft. msl
 G3273 5.76 ft. msl
6.50 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.61	1.87
S-8	0.86	
S-9	0.59	
S-140	0.79	1.84
S-12D	1.17	
S-336	M	
ENP	1.18	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
<hr/>		
This Week's Avg	0.87	1.86
Pre-Project Avg	1.92	1.42

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

WCA-3A is in Zone B

Supplemental discharge is 1559 cfs
 Distance to Bottom of Transition Zone -0.62 feet
 Distance to Bottom of Regulatory Zone 0.38 feet

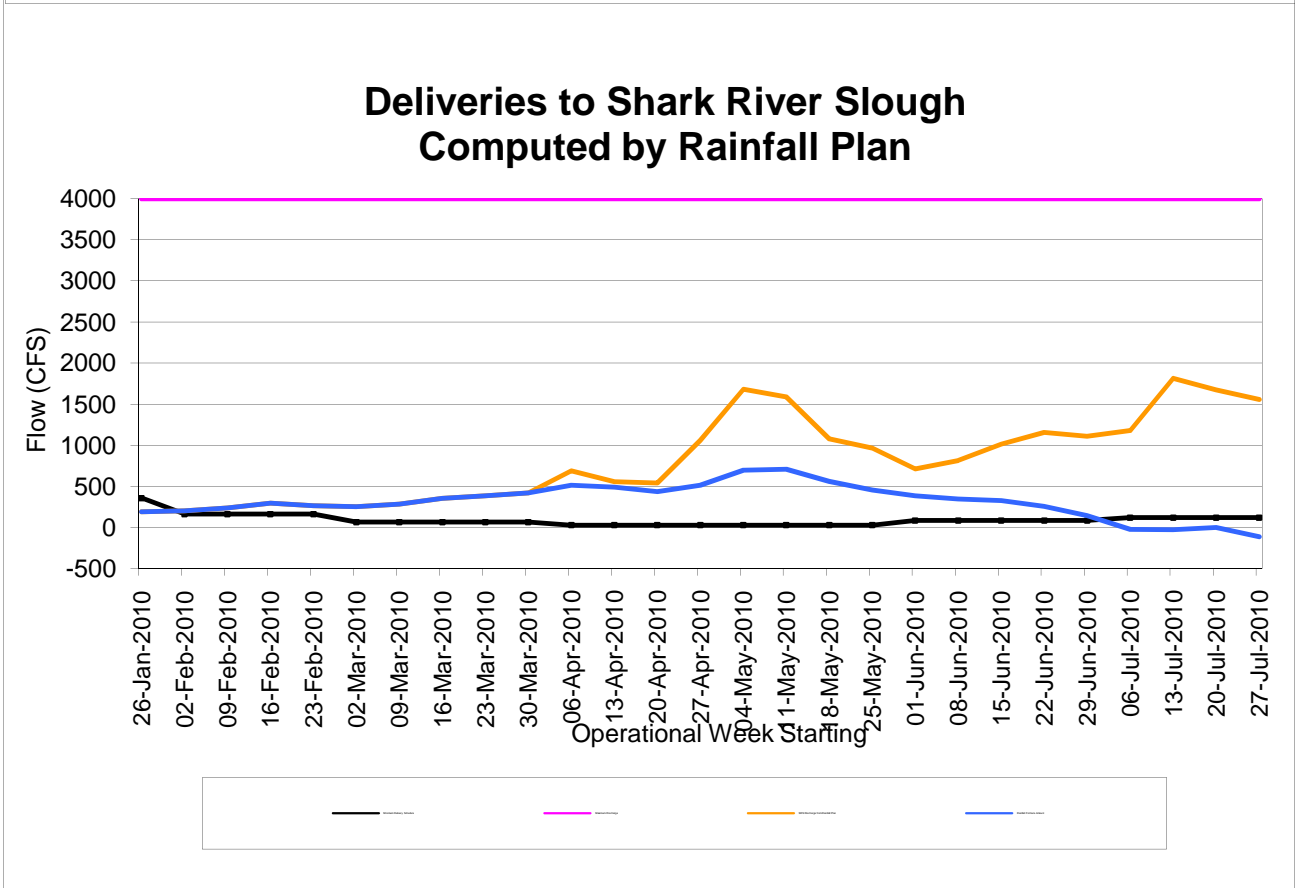
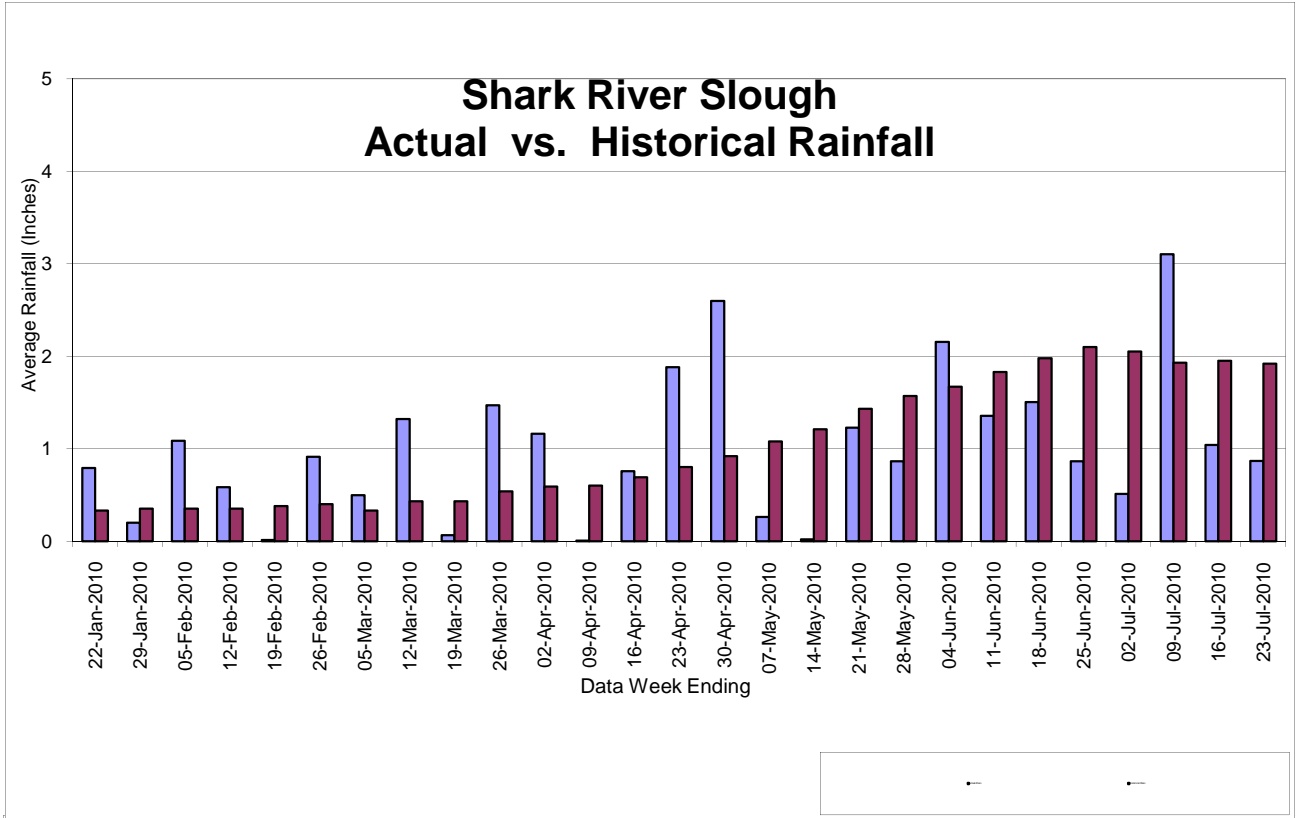
----- Statistical Parameters -----

Rainfall Formula Amount -113 cfs
 Last Week's Rainfall Formula -1 cfs
 Pre-Project Mean Discharge 162 cfs

Rainfall Excess Terms
RL1 -2.68 RL2 -3.02 RL3 -1.56

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 20, 2010 to July 26, 2010 1673 cfs

S-12 Discharge 753 cfs
 S-333 Discharge 920 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) July 9, 2010 to July 16, 2010
 Angel's 9.97 ft. msl
 G3273 5.95 ft. msl
6.64 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.81	1.98
S-8	M	
S-9	0.88	
S-140	M	1.79
S-12D	M	
S-336	1.68	
ENP	0.74	M
Gage 63	M	
Gage 64	1.17	
Gage 65	0.96	
This Week's Avg	1.04	1.89
Pre-Project Avg	1.95	1.43

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

WCA-3A is in Zone B

Supplemental discharge is 1673 cfs
 Distance to Bottom of Transition Zone -0.67 feet
 Distance to Bottom of Regulatory Zone 0.33 feet

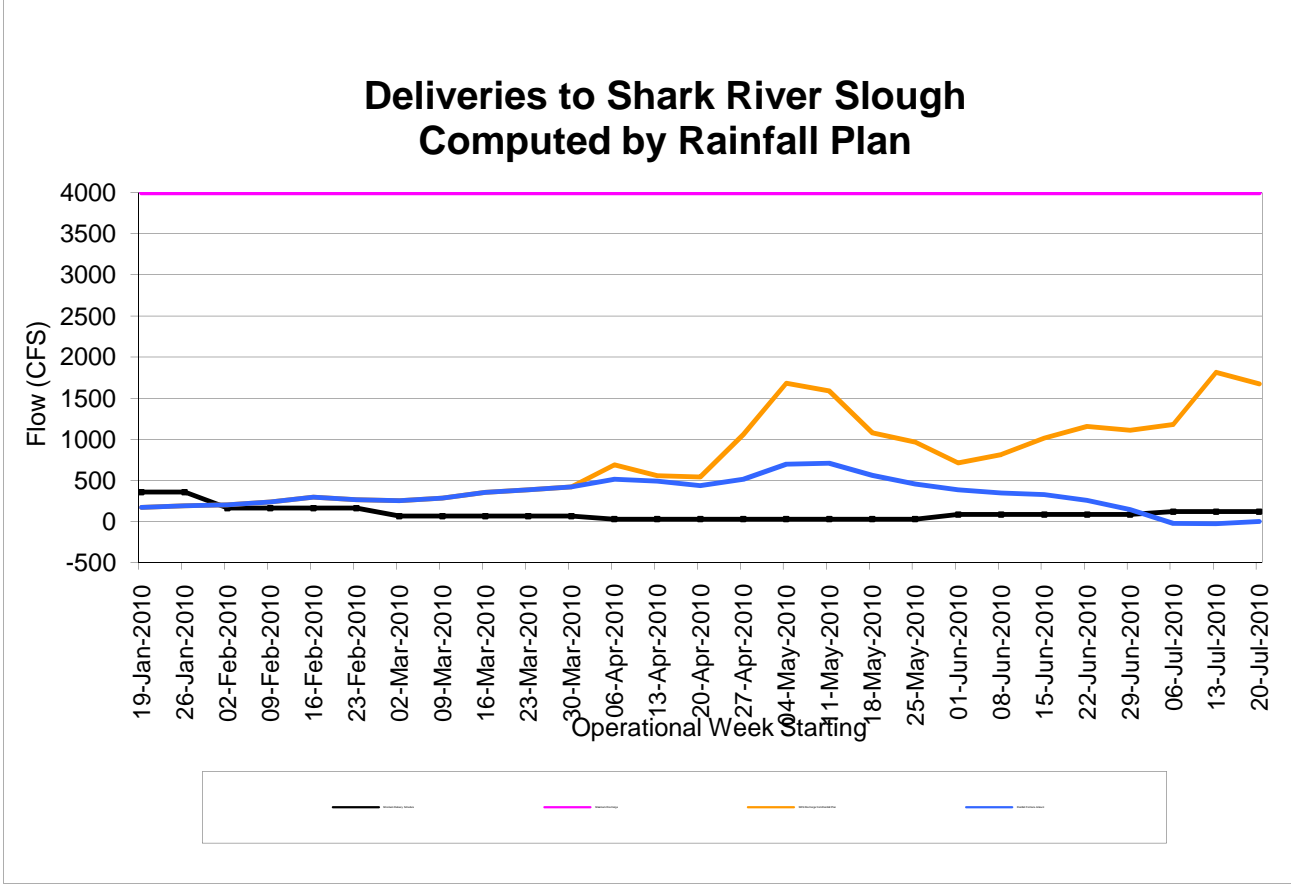
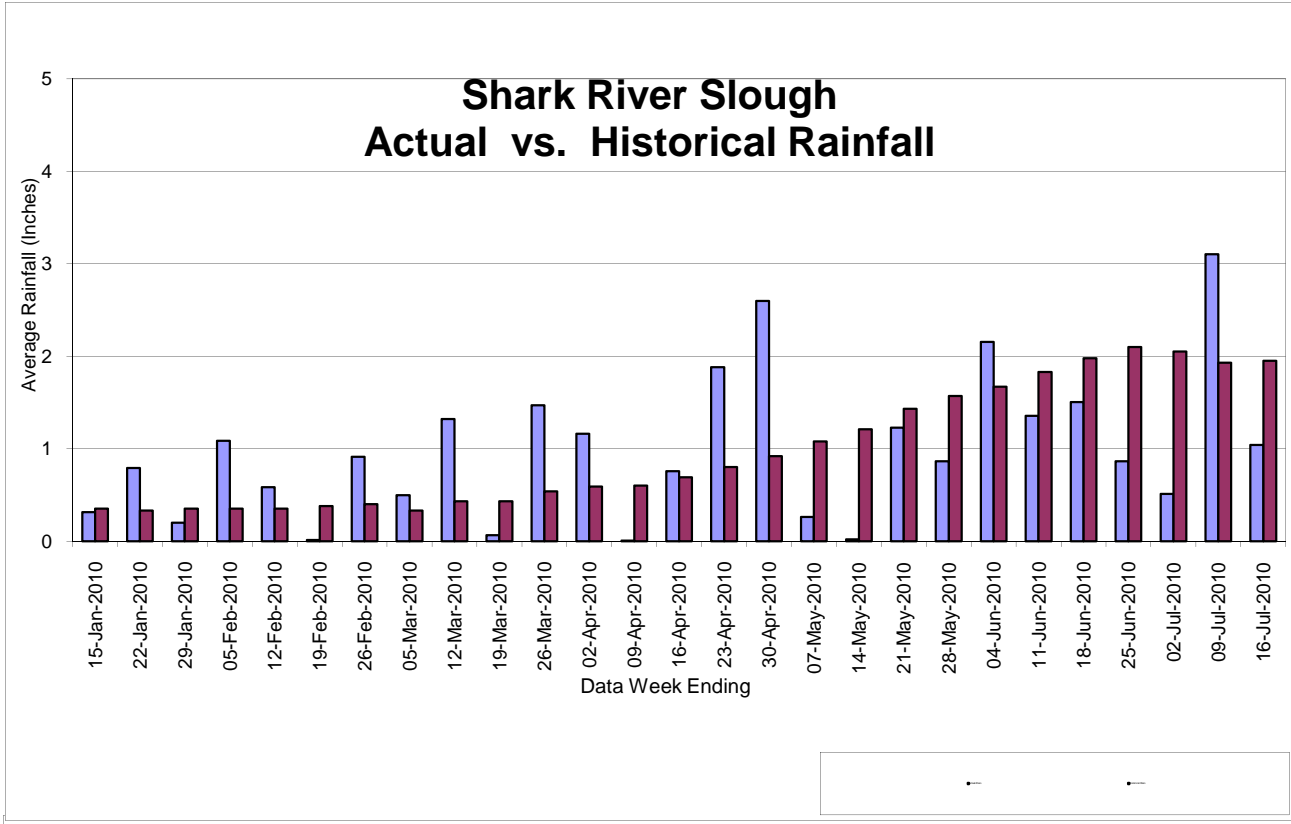
----- Statistical Parameters -----

Rainfall Formula Amount -1 cfs
 Last Week's Rainfall Formula -29 cfs
 Pre-Project Mean Discharge 148 cfs

Rainfall Excess Terms
RL1 -0.12 RL2 -5.08 RL3 -2.13

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 July 13, 2010 to July 19, 2010 1813 cfs

S-12 Discharge 816 cfs
 S-333 Discharge 997 cfs

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

July 2, 2010 to July 9, 2010

WCA-3A Stage (end of week) 9.98 ft. msl
 Angel's 6.10 ft. msl
 G3273 6.74 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.84	1.61
S-8	2.47	
S-9	M	
S-140	M	1.32
S-12D	3.41	
S-336	M	
ENP	2.53	M
Gage 63	M	
Gage 64	M	
Gage 65	4.27	
This Week's Avg	3.10	1.47
Pre-Project Avg	1.93	1.45

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

WCA-3A is in Zone B

Supplemental discharge is 1813 cfs
 Distance to Bottom of Transition Zone -0.73 feet
 Distance to Bottom of Regulatory Zone 0.27 feet

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

Rainfall Formula Amount -29 cfs
 Last Week's Rainfall Formula -22 cfs
 Pre-Project Mean Discharge 128 cfs

Rainfall Excess Terms

RL1 -0.70

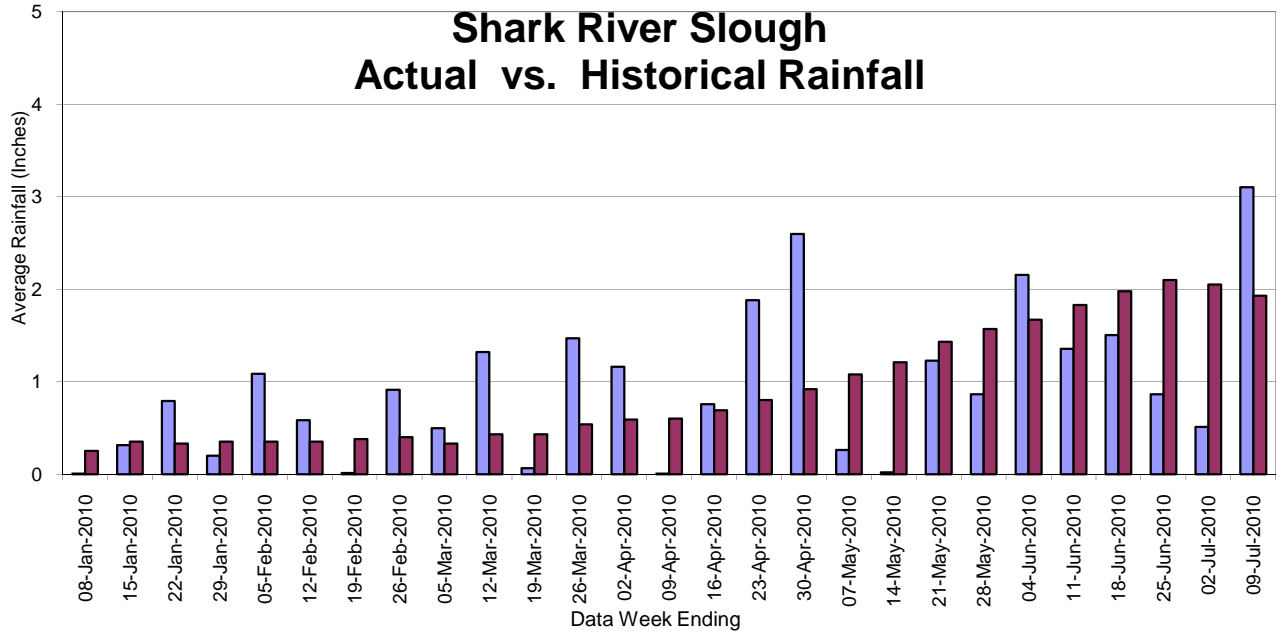
RL2 -2.83

RL3 -3.43

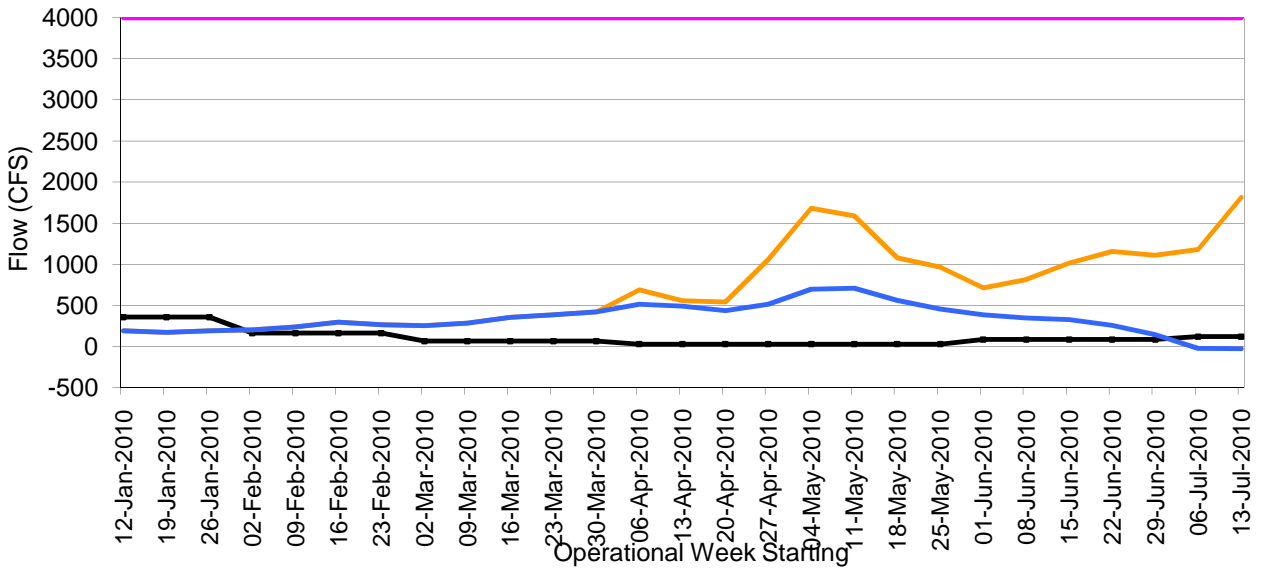
COMMENT: S7 estimated evap data and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 6, 2010 to July 12, 2010 1180 cfs

S-12 Discharge 531 cfs
 S-333 Discharge 649 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) June 25, 2010 to July 2, 2010
 Angel's 9.76 ft. msl
 G3273 5.44 ft. msl
6.29 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.15	1.95
S-8	M	
S-9	0.00	
S-140	0.62	1.76
S-12D	M	
S-336	0.59	
ENP	0.73	M
Gage 63	M	
Gage 64	M	
Gage 65	0.97	
This Week's Avg	0.51	1.85
Pre-Project Avg	2.05	1.45

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

WCA-3A is in Zone B

Supplemental discharge is 1180 cfs
 Distance to Bottom of Transition Zone -0.47 feet
 Distance to Bottom of Regulatory Zone 0.45 feet

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

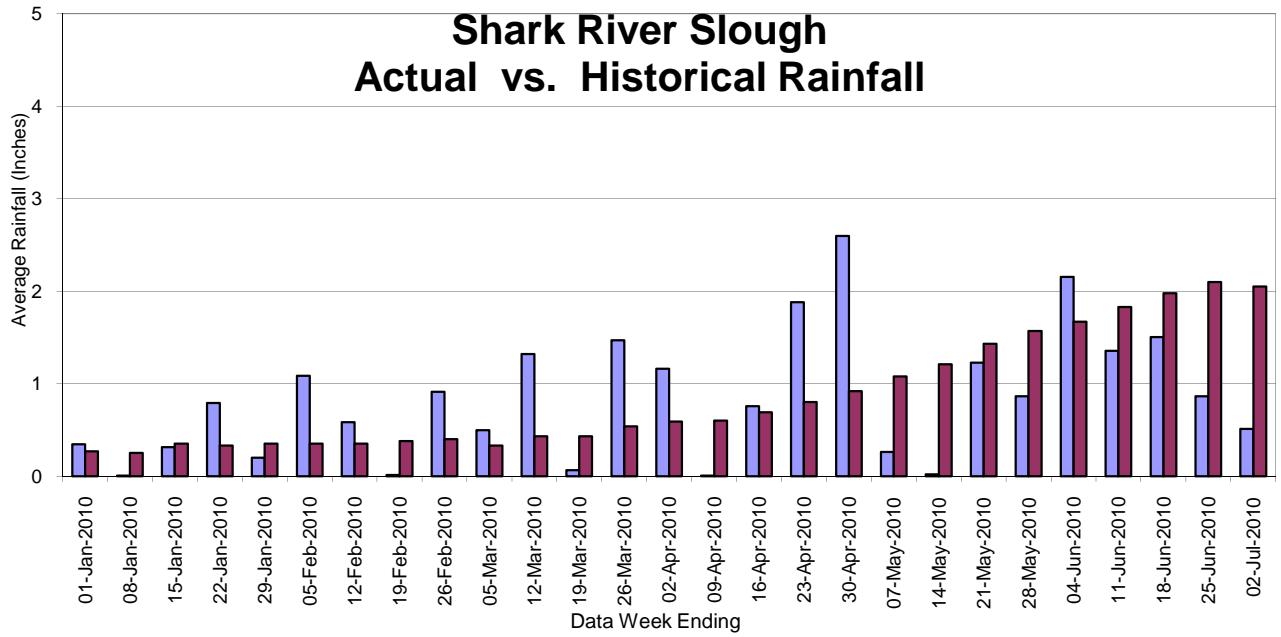
Rainfall Formula Amount -22 cfs
 Last Week's Rainfall Formula 145 cfs
 Pre-Project Mean Discharge 111 cfs

Rainfall Excess Terms
RL1 -3.44 RL2 -2.18 RL3 -0.88

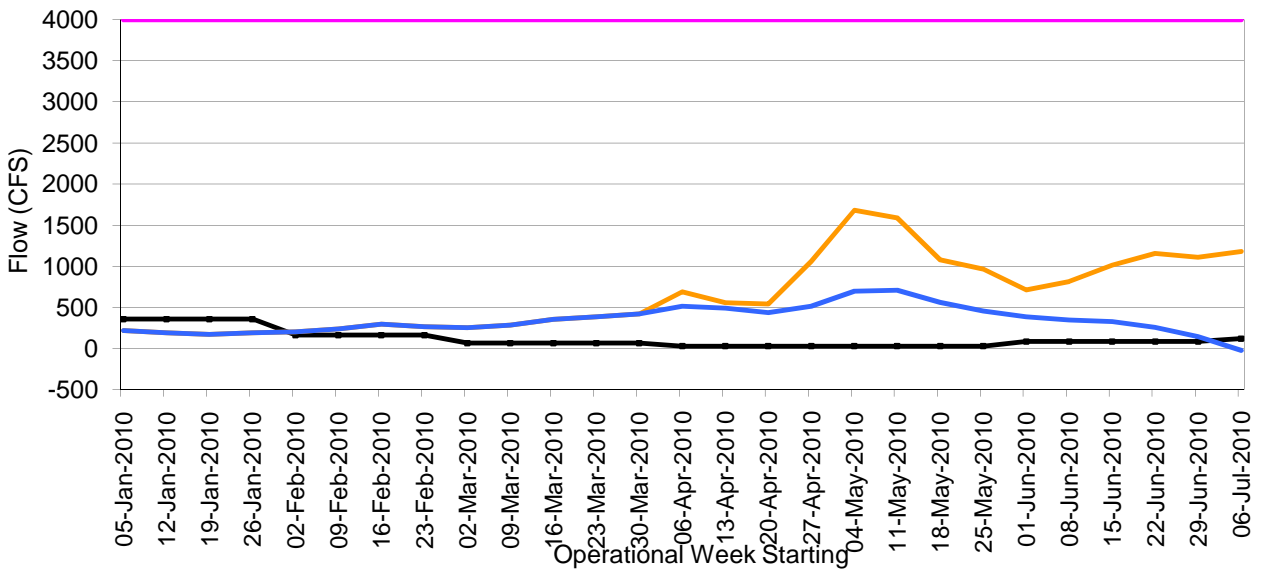
COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 29, 2010 to July 5, 2010 1109 cfs

S-12 Discharge 499 cfs
 S-333 Discharge 610 cfs

----- Data Summary -----
 June 18, 2010 to June 25, 2010
 WCA-3A Stage (end of week) 9.72 ft. msl
 Angel's 5.73 ft. msl
 G3273 6.53 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	1.89
S-8	1.62	
S-9	M	
S-140	1.53	1.96
S-12D	M	
S-336	1.13	
ENP	0.03	M
Gage 63	M	
Gage 64	M	
Gage 65	0.01	
This Week's Avg	0.86	1.92
Pre-Project Avg	2.10	1.49

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

WCA-3A is in Zone B

Supplemental discharge is 964 cfs
 Distance to Bottom of Transition Zone -0.39 feet
 Distance to Bottom of Regulatory Zone 0.44 feet

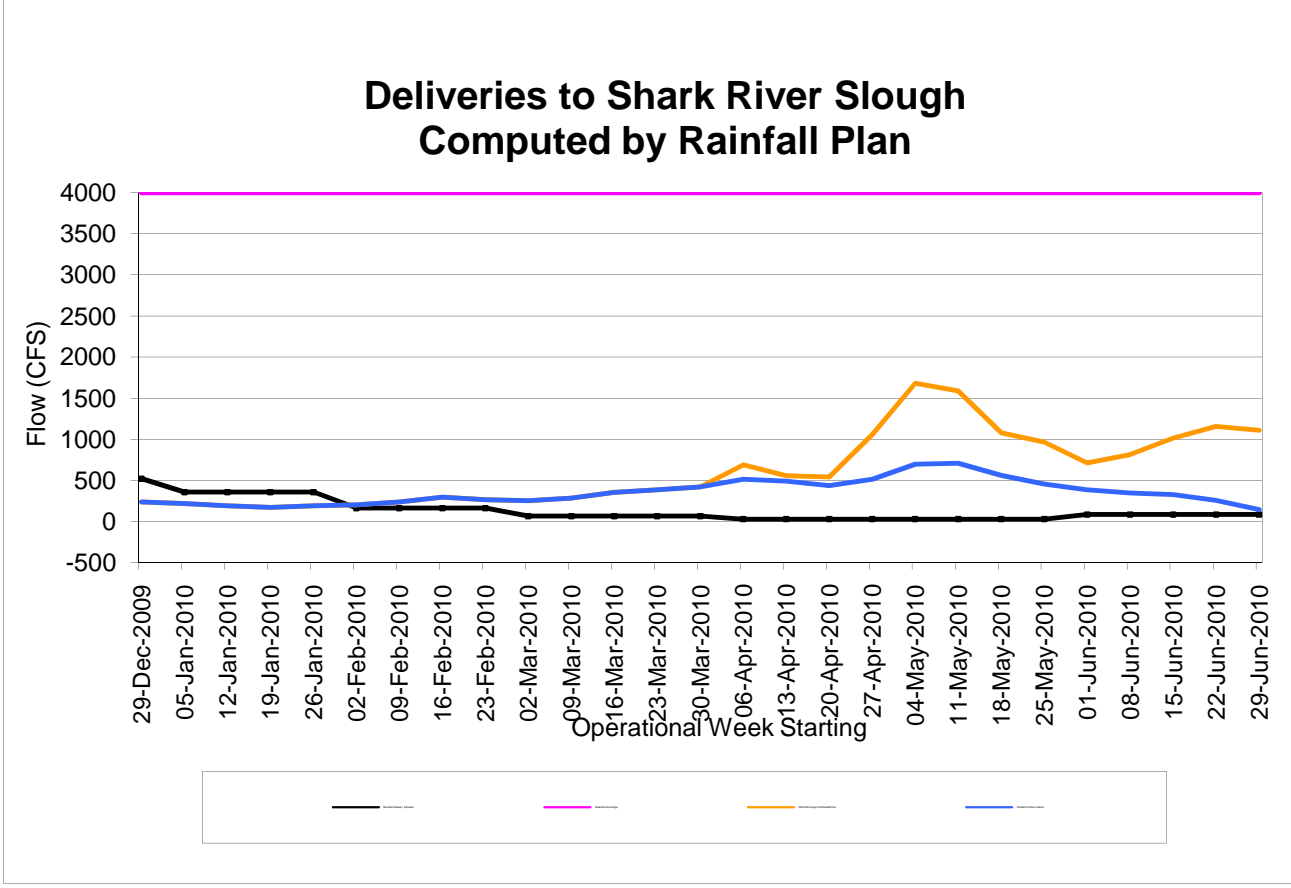
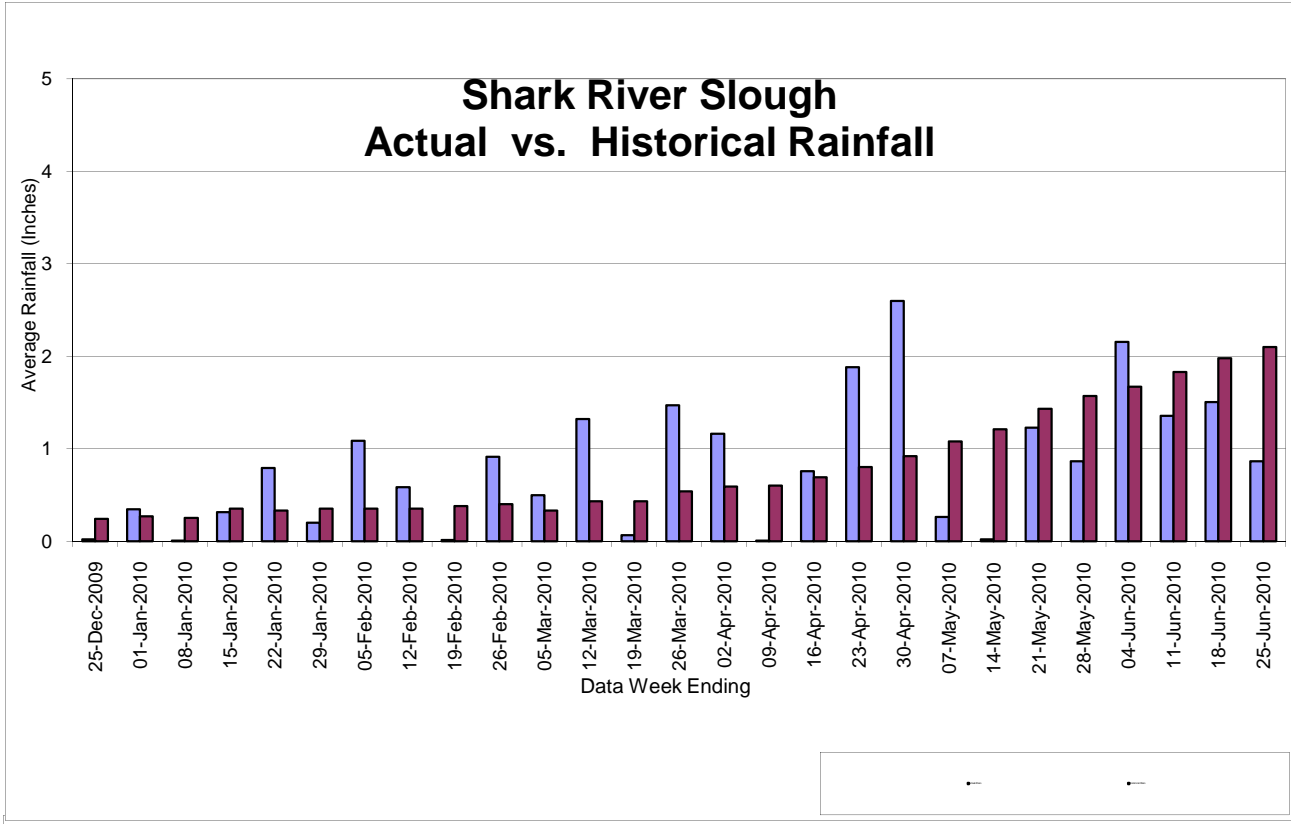
----- Statistical Parameters -----

Rainfall Formula Amount 145 cfs
 Last Week's Rainfall Formula 259 cfs
 Pre-Project Mean Discharge 94 cfs

Rainfall Excess Terms
 RL1 -2.31 RL2 -1.56 RL3 0.67

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 22, 2010 to June 28, 2010 1157 cfs

S-12 Discharge 521 cfs
 S-333 Discharge 636 cfs

----- Data Summary -----
 June 11, 2010 to June 18, 2010
 WCA-3A Stage (end of week) 9.74 ft. msl
 Angel's 6.35 ft. msl
 G3273 6.81 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.57	1.56
S-8	1.13	
S-9	2.43	
S-140	1.08	2.11
S-12D	2.01	
S-336	M	
ENP	0.71	M
Gage 63	M	
Gage 64	M	
Gage 65	0.61	
This Week's Avg	1.51	1.83
Pre-Project Avg	1.98	1.51

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

WCA-3A is in Zone B

Supplemental discharge is 898 cfs
 Distance to Bottom of Transition Zone -0.36 feet
 Distance to Bottom of Regulatory Zone 0.38 feet

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

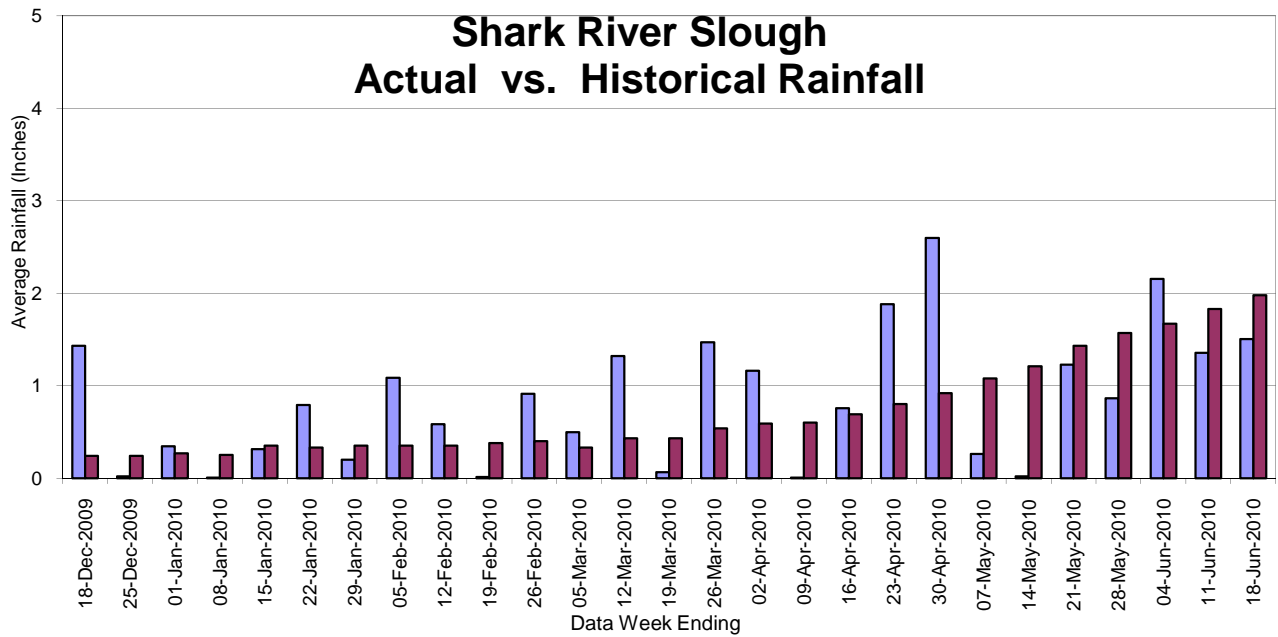
Rainfall Formula Amount 259 cfs
 Last Week's Rainfall Formula 329 cfs
 Pre-Project Mean Discharge 75 cfs

Rainfall Excess Terms
RL1 -1.63
RL2 -2.13
RL3 2.14

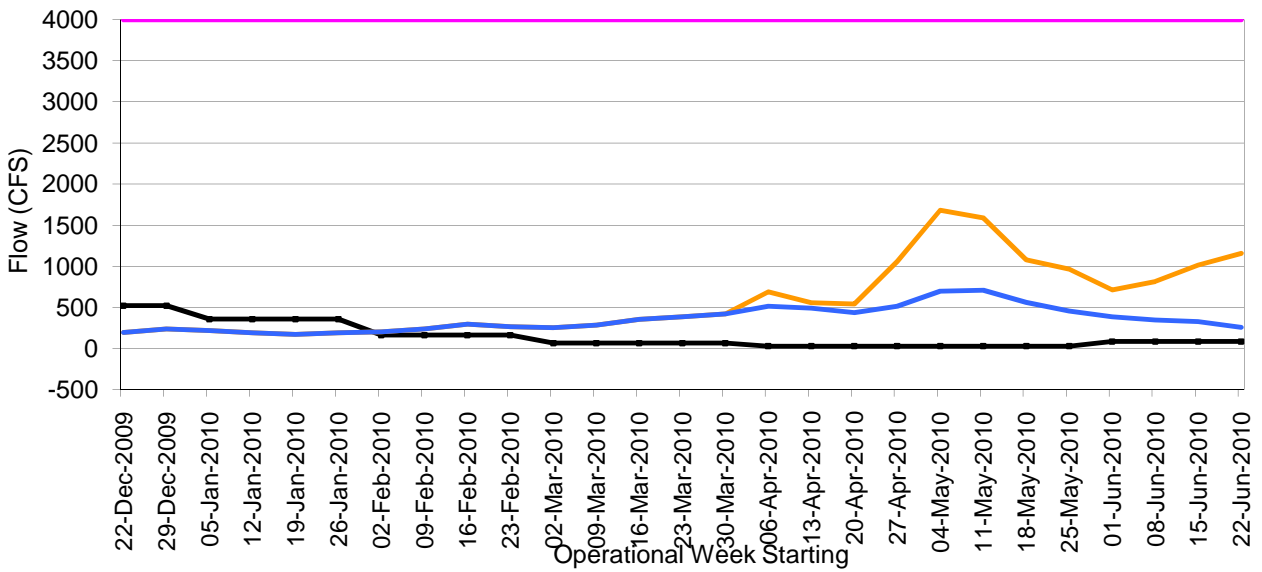
COMMENT: S7 estimated evap data and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 15, 2010 to June 21, 2010 1011 cfs

S-12 Discharge 455 cfs
 S-333 Discharge 556 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) June 4, 2010 to June 11, 2010
 Angel's 9.70 ft. msl
 G3273 7.01 ft. msl
6.99 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	2.07
S-8	0.07	
S-9	1.60	
S-140	0.19	2.09
S-12D	1.66	
S-336	1.47	
ENP	3.96	M
Gage 63	M	
Gage 64	M	
Gage 65	0.53	
This Week's Avg	1.35	2.08
Pre-Project Avg	1.83	1.55

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

WCA-3A is in Zone B

Supplemental discharge is 682 cfs
 Distance to Bottom of Transition Zone -0.27 feet
 Distance to Bottom of Regulatory Zone 0.37 feet

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

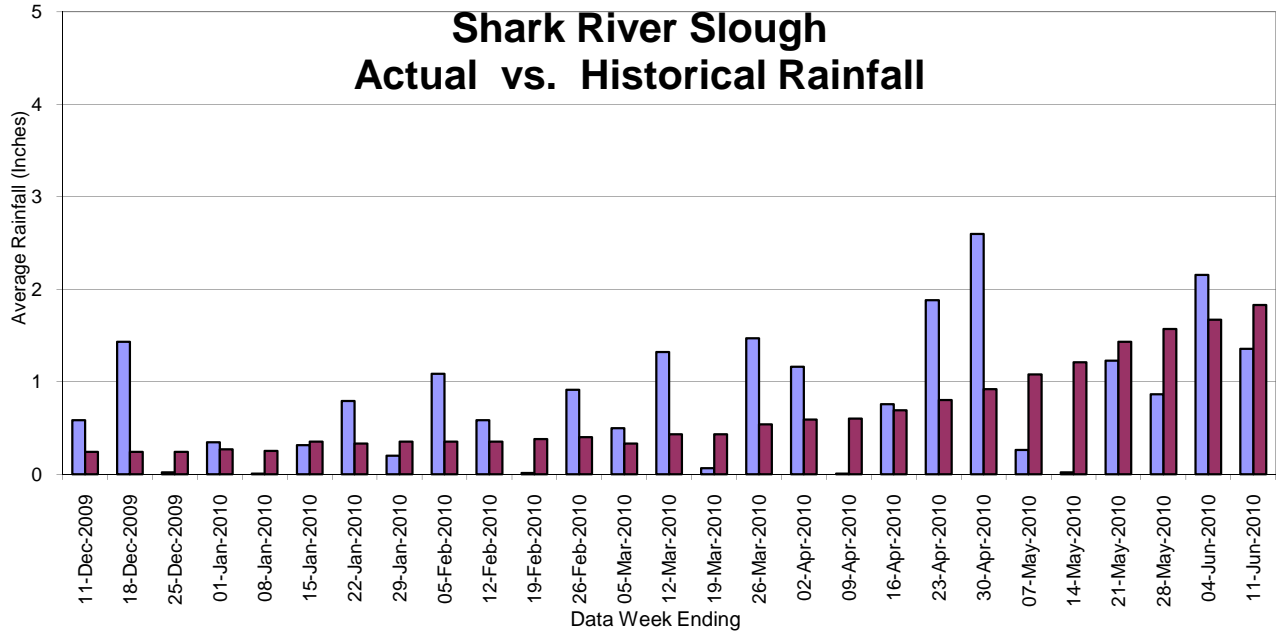
Rainfall Formula Amount 329 cfs
 Last Week's Rainfall Formula 348 cfs
 Pre-Project Mean Discharge 54 cfs

Rainfall Excess Terms
RL1 -0.51 RL2 -3.43 RL3 2.35

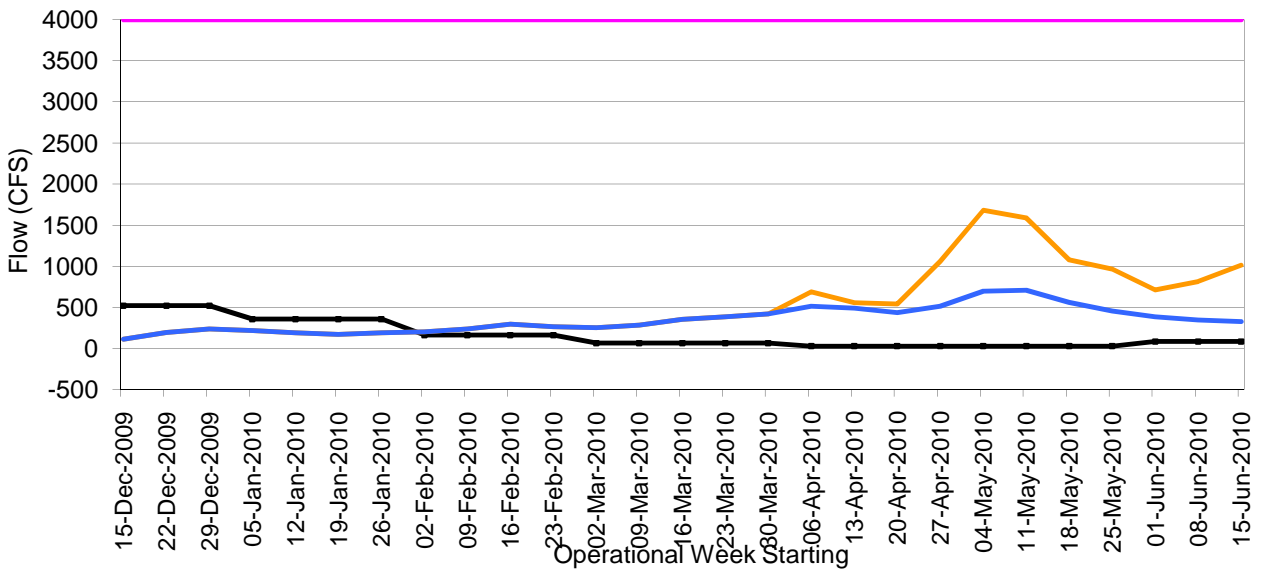
COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 8, 2010 to June 14, 2010 815 cfs

S-12 Discharge 367 cfs
 S-333 Discharge 448 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) May 28, 2010 to June 4, 2010
 Angel's 9.66 ft. msl
 G3273 6.41 ft. msl
6.73 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	1.66
S-8	1.86	
S-9	M	
S-140	2.18	1.77
S-12D	1.41	
S-336	M	
ENP	3.17	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	2.16	1.71
Pre-Project Avg	1.67	1.59

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

WCA-3A is in Zone B

Supplemental discharge is 466 cfs
 Distance to Bottom of Transition Zone -0.19 feet
 Distance to Bottom of Regulatory Zone 0.37 feet

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

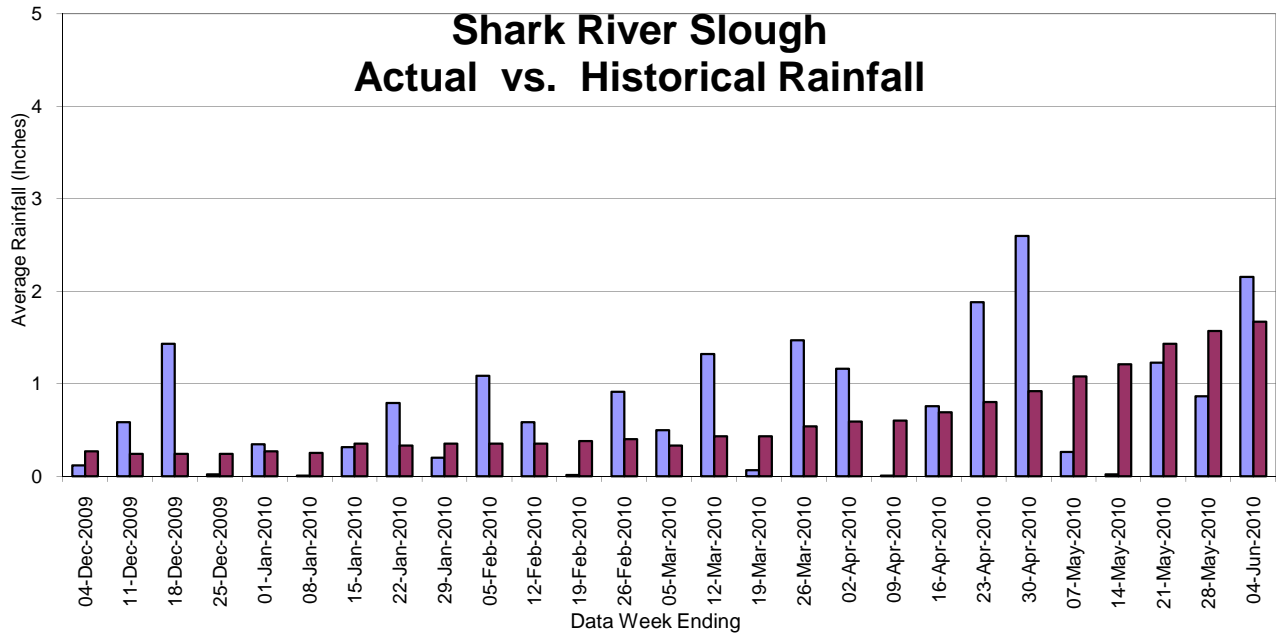
Rainfall Formula Amount 348 cfs
 Last Week's Rainfall Formula 385 cfs
 Pre-Project Mean Discharge 40 cfs

Rainfall Excess Terms
RL1 -0.55 RL2 -0.88 RL3 1.32

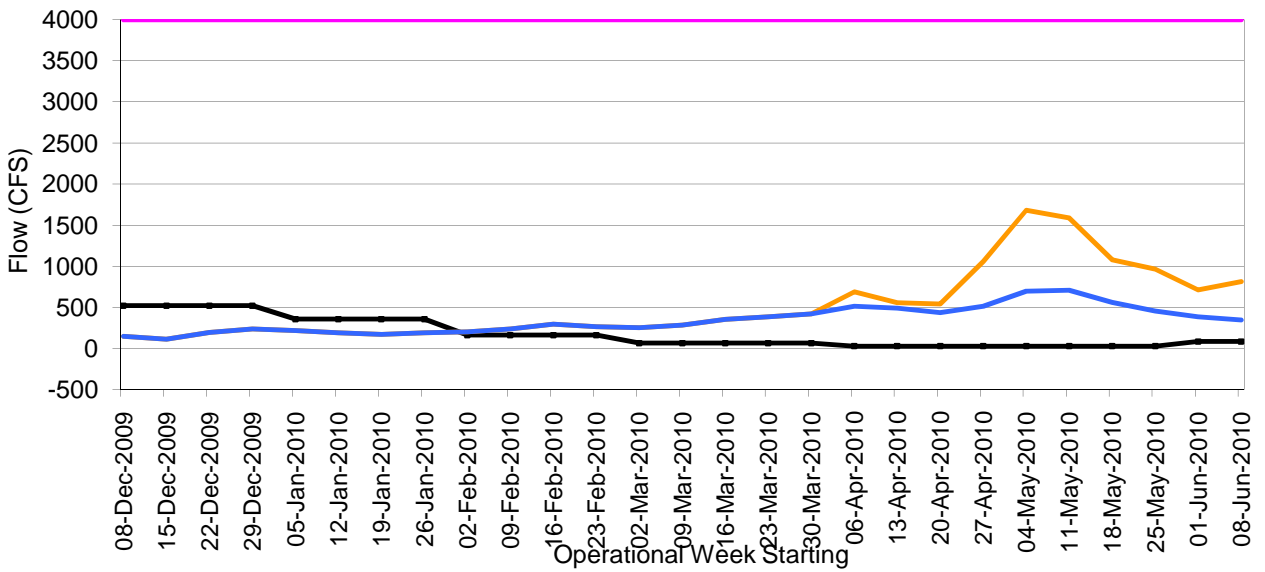
COMMENT: S7 and S140 estimated evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 1, 2010 to June 7, 2010 711 cfs

S-12 Discharge 320 cfs
 S-333 Discharge 391 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) May 21, 2010 to May 28, 2010
 Angel's 9.65 ft. msl
 G3273 6.39 ft. msl
6.62 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.63	1.92
S-8	M	
S-9	0.30	
S-140	1.06	1.87
S-12D	M	
S-336	0.86	
ENP	1.47	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.86	1.90
Pre-Project Avg	1.57	1.61

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

WCA-3A is in Zone C

Supplemental discharge is 326 cfs
 Distance to Bottom of Transition Zone -0.13 feet
 Distance to Bottom of Regulatory Zone 0.37 feet

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

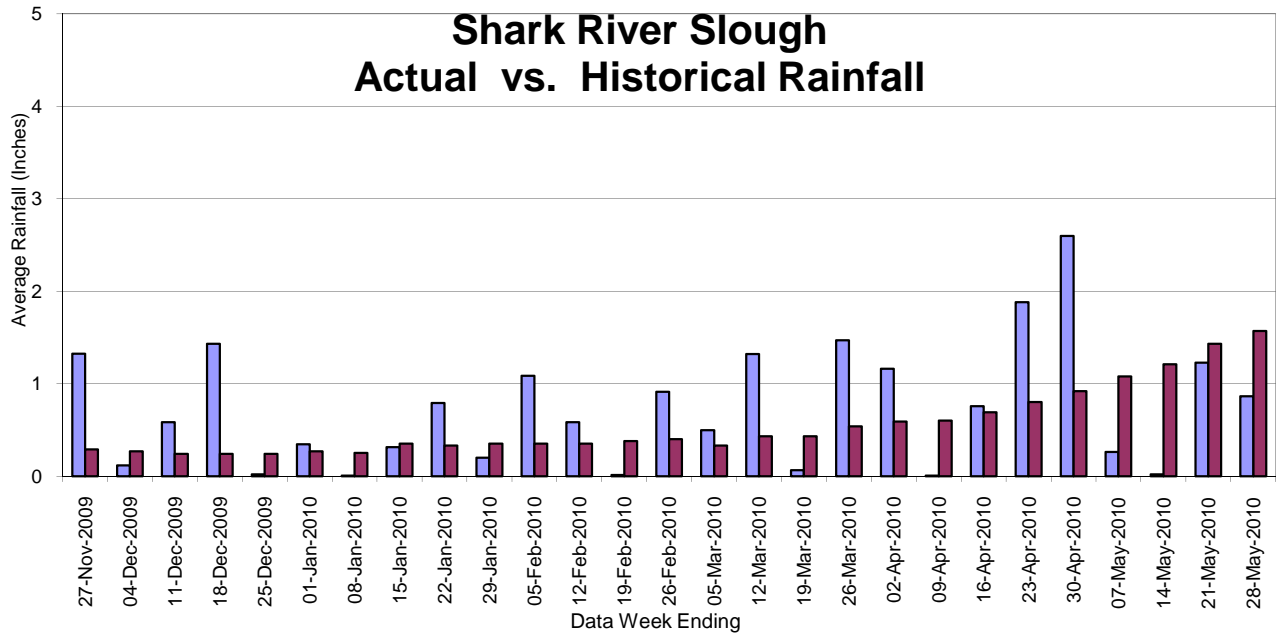
Rainfall Formula Amount 385 cfs
 Last Week's Rainfall Formula 457 cfs
 Pre-Project Mean Discharge 27 cfs

Rainfall Excess Terms
RL1 -1.05 RL2 0.67 RL3 0.89

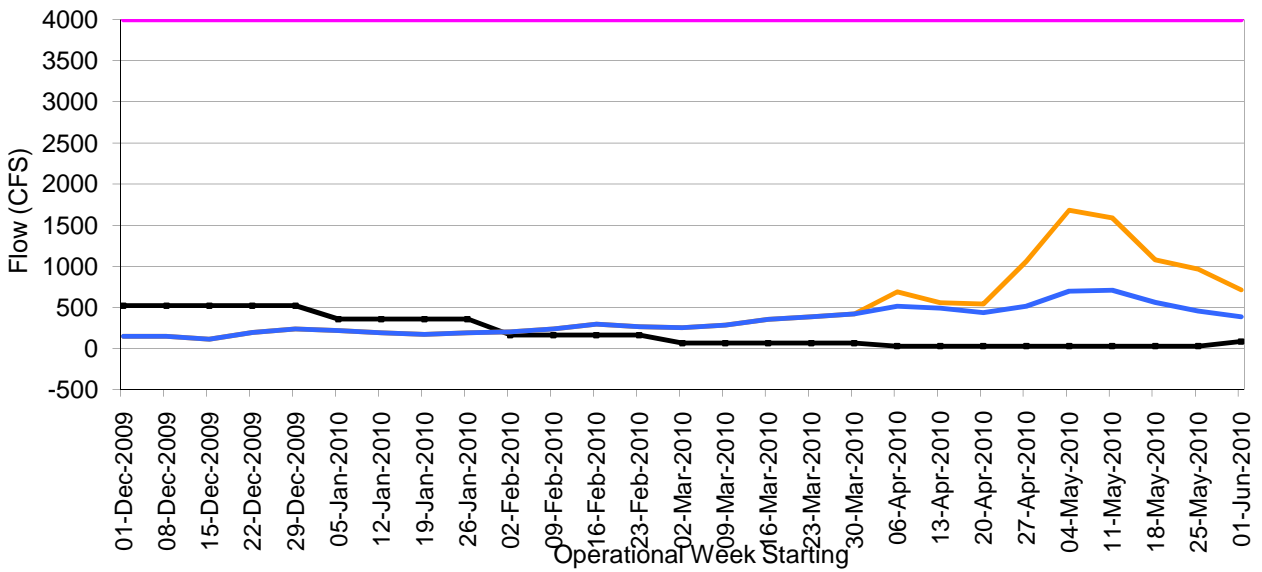
COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **May 25, 2010** to **May 31, 2010** **967 cfs**

S-12 Discharge 435 cfs
 S-333 Discharge 532 cfs

----- **Data Summary** ----- **May 14, 2010** to **May 21, 2010**
 WCA-3A Stage (end of week) 9.77 ft. msl
 Angel's 5.73 ft. msl
 G3273 6.27 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.08	1.59
S-8	1.11	
S-9	0.60	
S-140	M	1.41
S-12D	2.66	
S-336	M	
ENP	1.68	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
<hr/>		
This Week's Avg	1.23	1.50
Pre-Project Avg	1.43	1.61

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

WCA-3A is in Zone C

Supplemental discharge is 510 cfs
 Distance to Bottom of Transition Zone -0.20 feet
 Distance to Bottom of Regulatory Zone 0.30 feet

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

Rainfall Formula Amount 457 cfs
 Last Week's Rainfall Formula 561 cfs
 Pre-Project Mean Discharge 17 cfs

Rainfall Excess Terms

RL1 -1.58

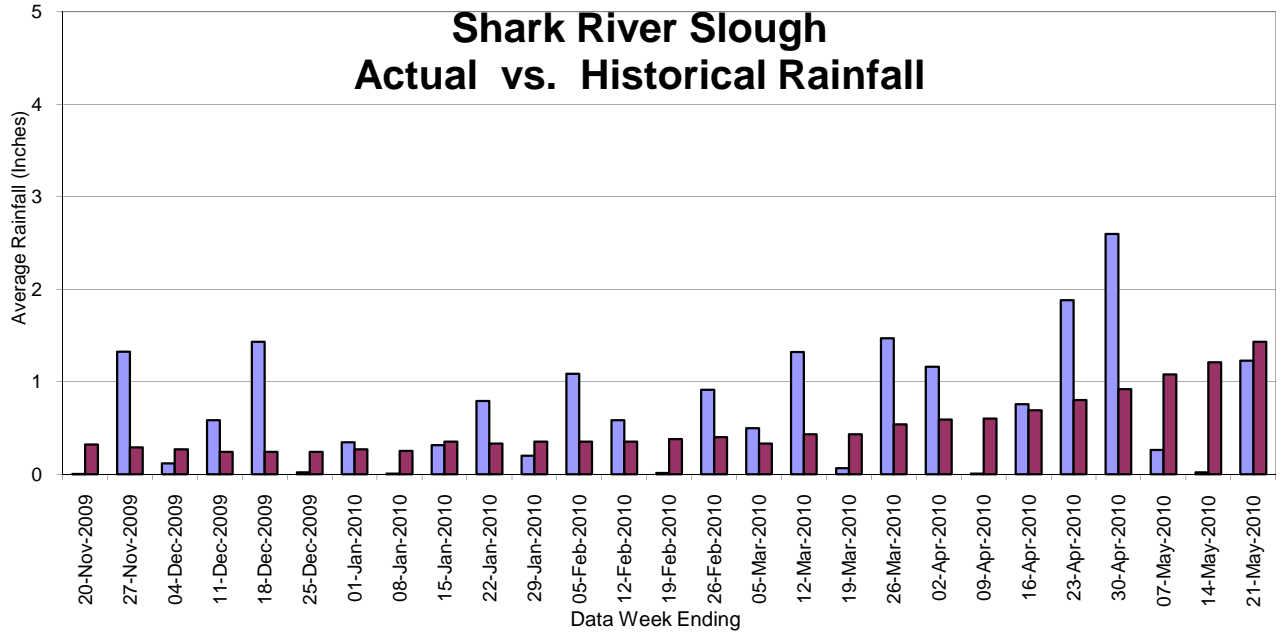
RL2 2.14

RL3 0.41

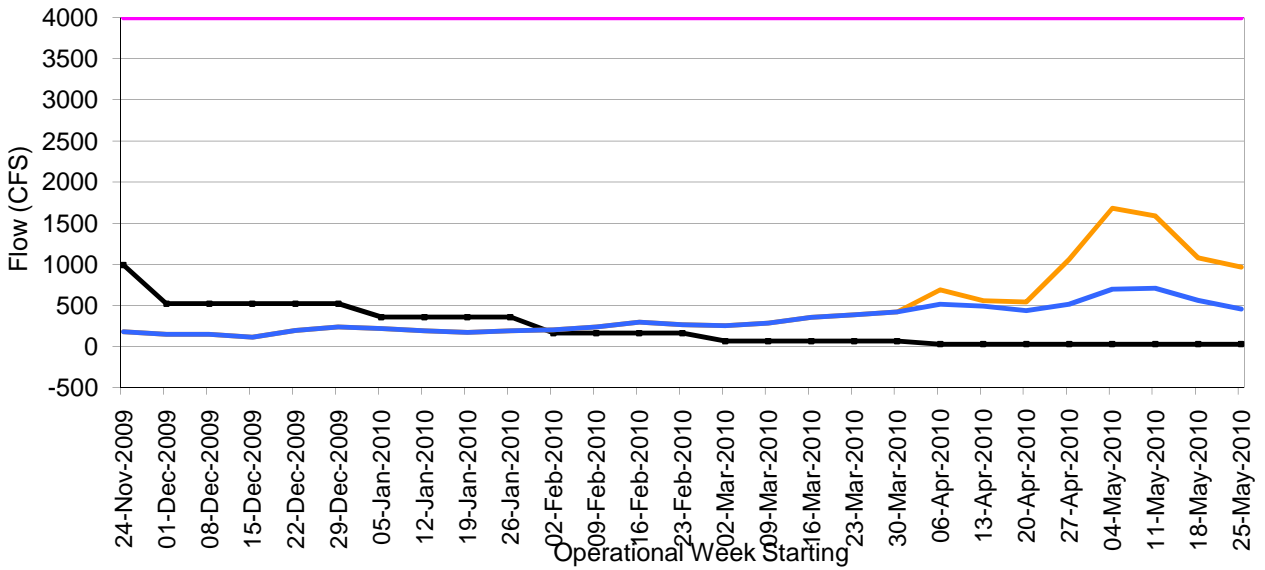
COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 18, 2010 to May 24, 2010 1080 cfs

S-12 Discharge 486 cfs
 S-333 Discharge 594 cfs

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

May 7, 2010 to May 14, 2010

WCA-3A Stage (end of week) 9.82 ft. msl
 Angel's 5.38 ft. msl
 G3273 6.10 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.02	1.90
S-8	0.01	
S-9	0.00	
S-140	0.01	2.02
S-12D	0.00	
S-336	0.00	
ENP	0.10	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.02	1.96
Pre-Project Avg	1.21	1.62

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

WCA-3A is in Zone C

Supplemental discharge is 519 cfs
 Distance to Bottom of Transition Zone -0.21 feet
 Distance to Bottom of Regulatory Zone 0.29 feet

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

Rainfall Formula Amount 561 cfs
 Last Week's Rainfall Formula 709 cfs
 Pre-Project Mean Discharge 12 cfs

Rainfall Excess Terms

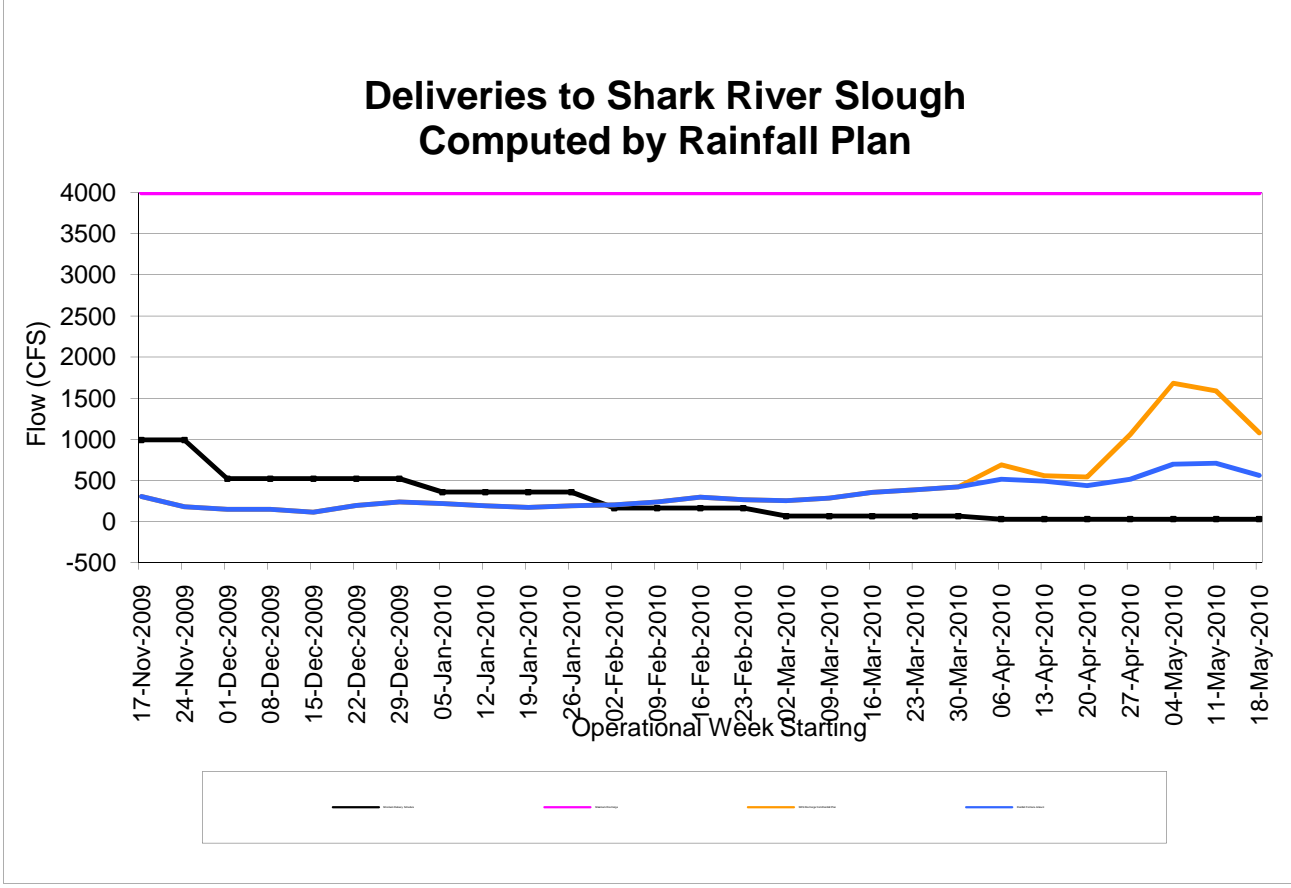
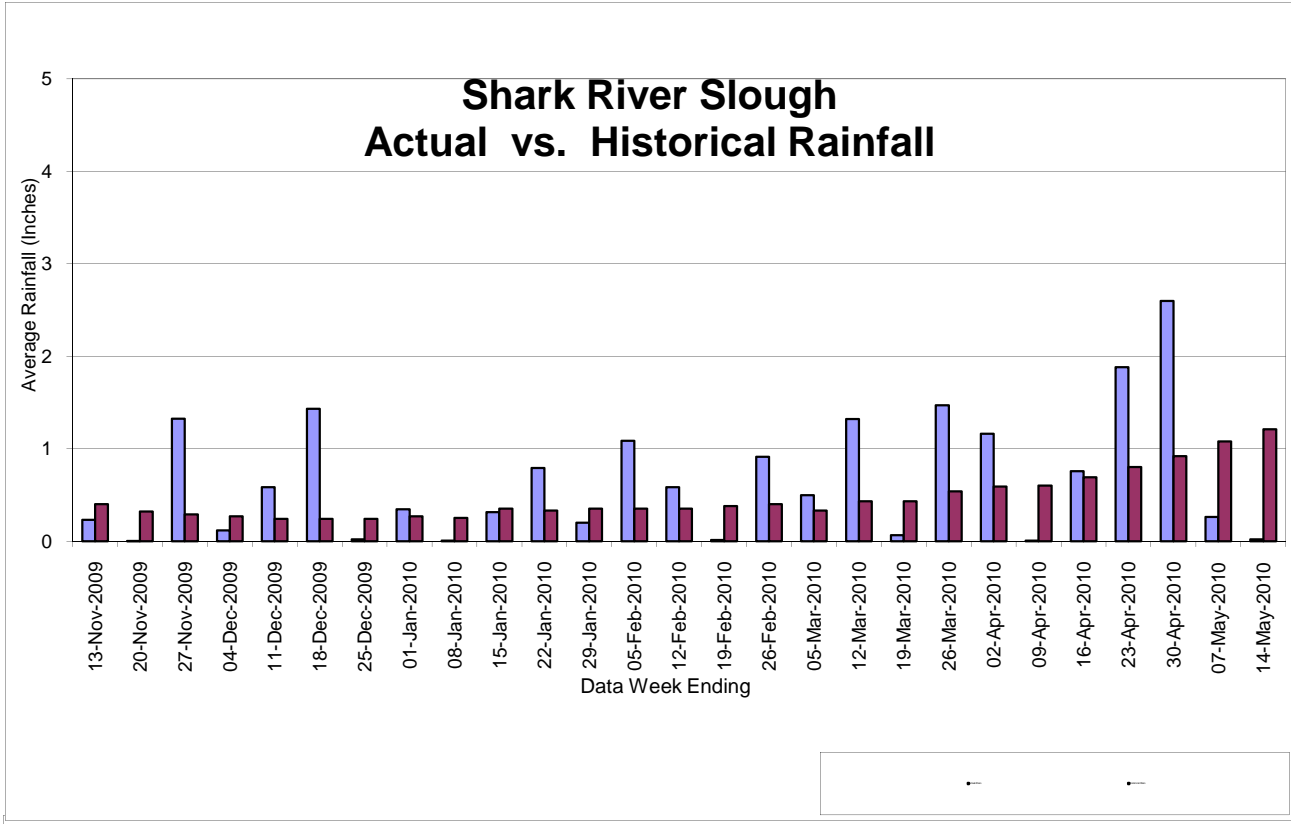
RL1 -2.38

RL2 2.35

RL3 2.18

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 **May 11, 2010** to **May 17, 2010** **1587 cfs**

S-12 Discharge **714 cfs**
 S-333 Discharge **873 cfs**

----- **Data Summary** ----- **April 30, 2010 to May 7, 2010**
 WCA-3A Stage (end of week) **10.01** ft. msl
 Angel's **5.62** ft. msl
 G3273 **6.34** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.48	1.84
S-8	M	
S-9	0.52	
S-140	0.52	1.61
S-12D	0.01	
S-336	0.01	
ENP	0.02	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.26	1.72
Pre-Project Avg	1.08	1.61

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

WCA-3A is in Zone C

Supplemental discharge is **878 cfs**
 Distance to Bottom of Transition Zone **-0.35 feet**
 Distance to Bottom of Regulatory Zone **0.15 feet**

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

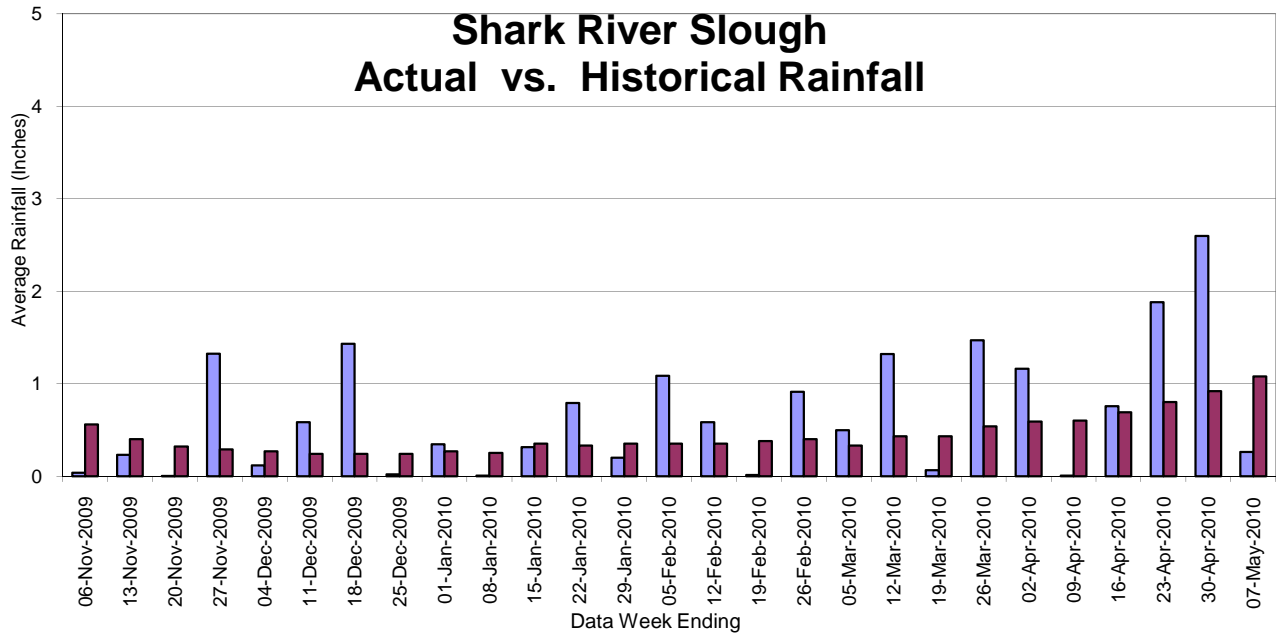
Rainfall Formula Amount **709 cfs**
 Last Week's Rainfall Formula **697 cfs**
 Pre-Project Mean Discharge **13 cfs**

Rainfall Excess Terms
RL1 **0.70** RL2 **1.32** RL3 **1.83**

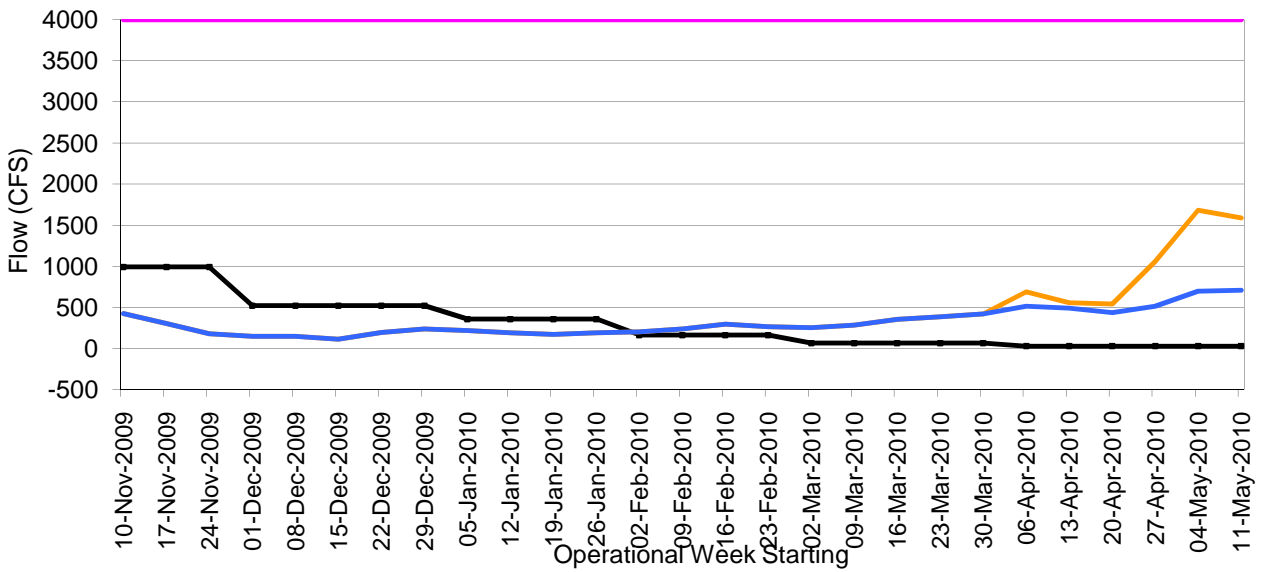
COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 4, 2010 to May 10, 2010 1684 cfs

S-12 Discharge 758 cfs
 S-333 Discharge 926 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) April 23, 2010 to April 30, 2010
 Angel's 10.10 ft. msl
 G3273 5.97 ft. msl
6.43 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.69	1.71
S-8	2.73	
S-9	1.89	
S-140	2.67	1.65
S-12D	M	
S-336	2.75	
ENP	2.85	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	2.60	1.68
Pre-Project Avg	0.92	1.60

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

WCA-3A is in Zone C

Supplemental discharge is 987 cfs
 Distance to Bottom of Transition Zone -0.39 feet
 Distance to Bottom of Regulatory Zone 0.11 feet

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

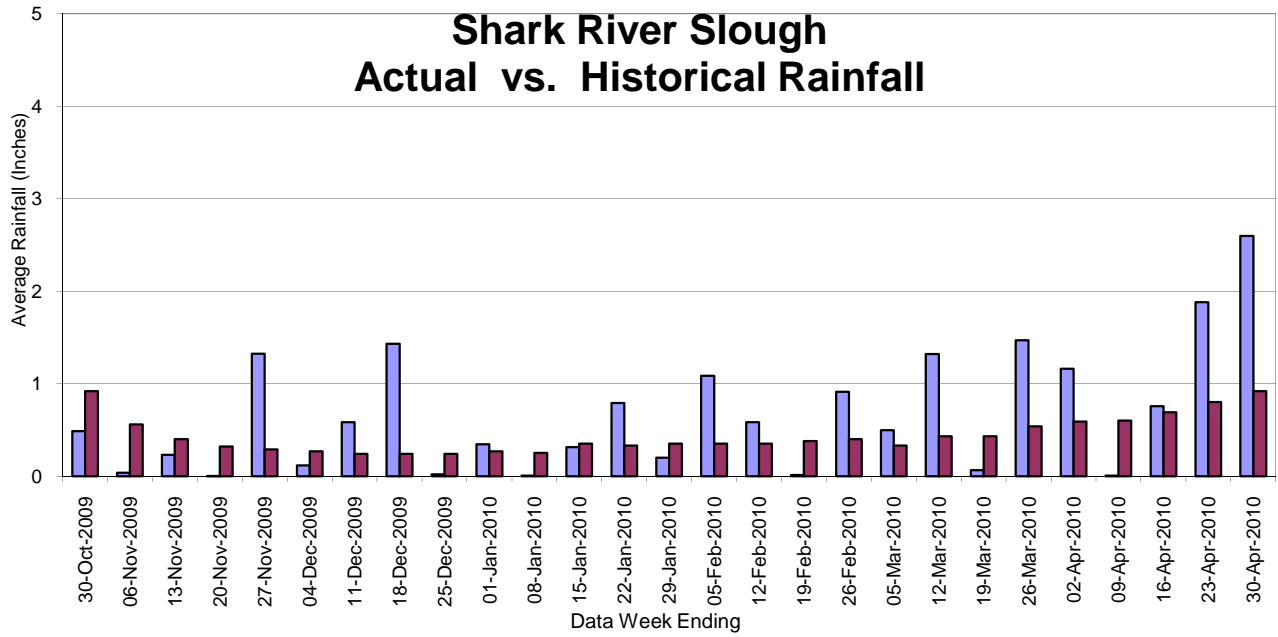
Rainfall Formula Amount 697 cfs
 Last Week's Rainfall Formula 514 cfs
 Pre-Project Mean Discharge 16 cfs

Rainfall Excess Terms
RL1 3.04 RL2 0.89 RL3 1.45

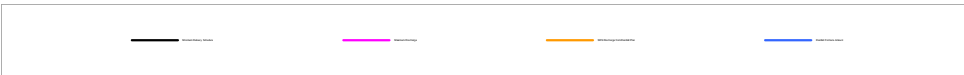
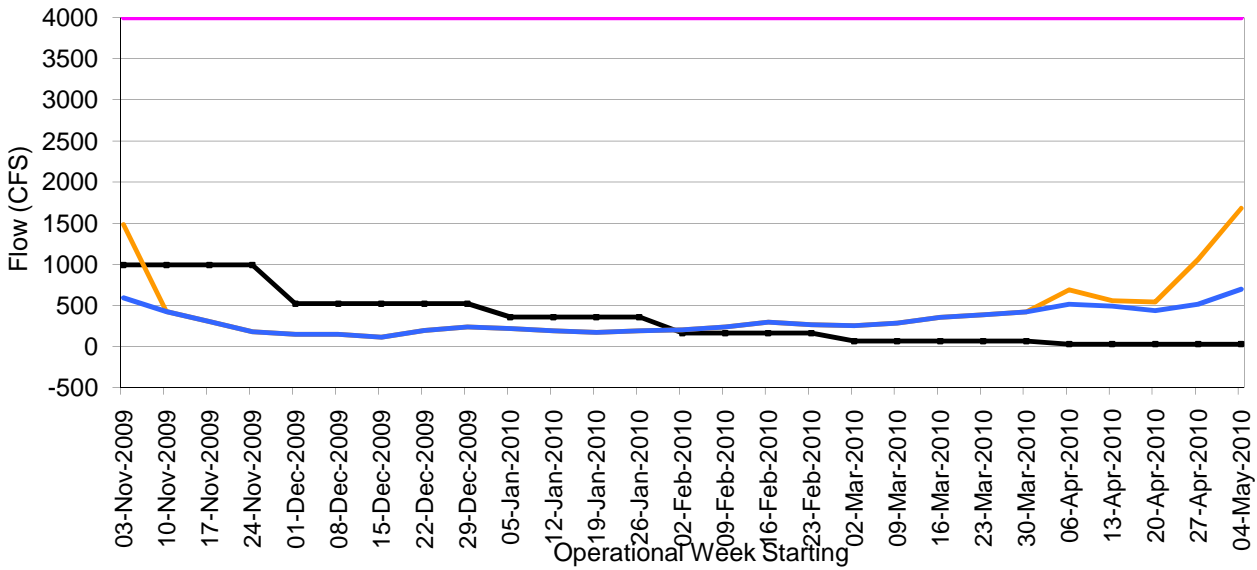
COMMENT: S7 and S140 estimated evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 27, 2010 to May 3, 2010 1060 cfs

S-12 Discharge 477 cfs
 S-333 Discharge 583 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) April 16, 2010 to April 23, 2010
 Angel's 9.97 ft. msl
 G3273 5.46 ft. msl
5.97 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.49	1.10
S-8	M	
S-9	2.61	
S-140	2.07	1.19
S-12D	1.87	
S-336	1.67	
ENP	1.57	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	1.88	1.14
Pre-Project Avg	0.80	1.58

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

WCA-3A is in Zone C

Supplemental discharge is 546 cfs
 Distance to Bottom of Transition Zone -0.22 feet
 Distance to Bottom of Regulatory Zone 0.28 feet

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

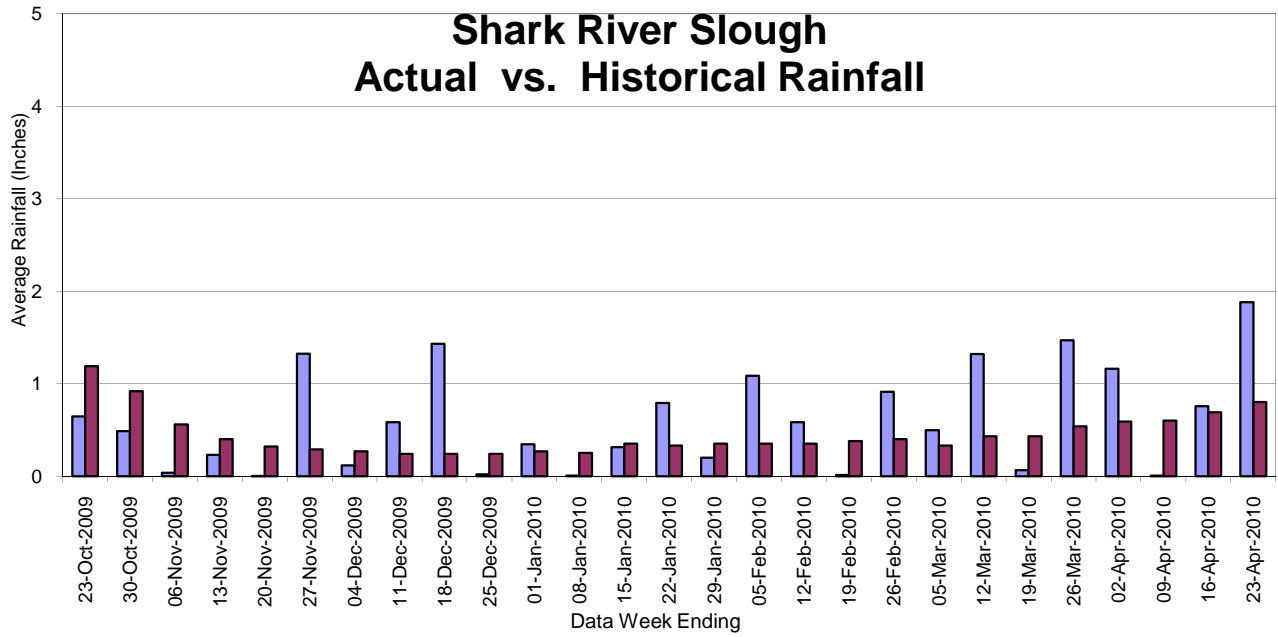
Rainfall Formula Amount 514 cfs
 Last Week's Rainfall Formula 437 cfs
 Pre-Project Mean Discharge 24 cfs

Rainfall Excess Terms
RL1 1.44 RL2 0.41 RL3 1.48

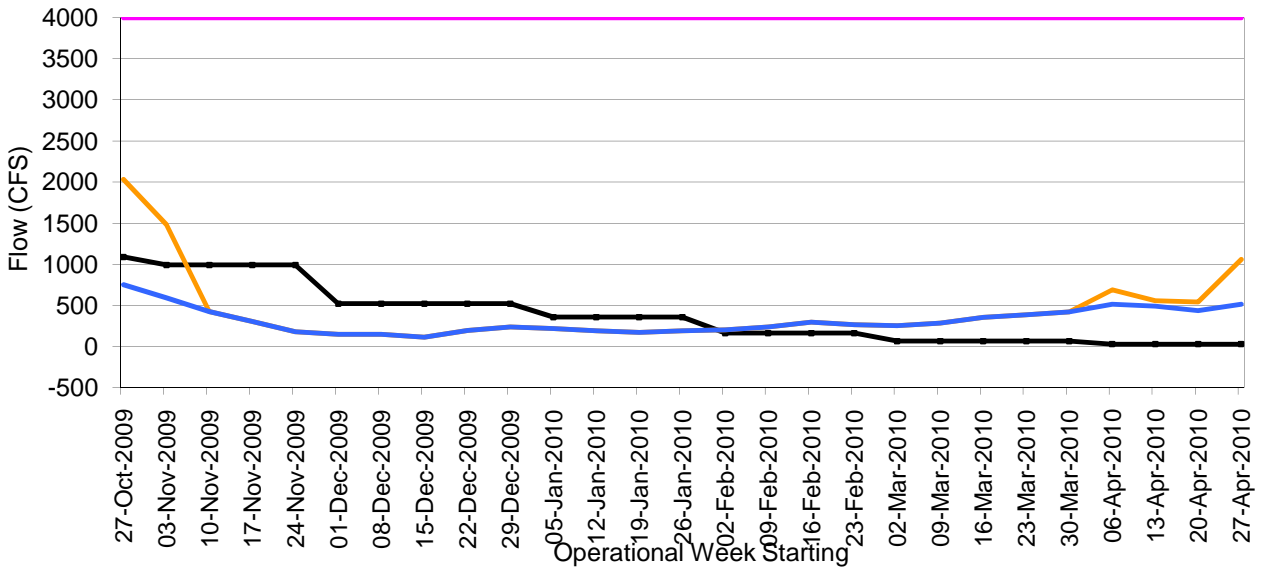
COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 20, 2010 to April 26, 2010 543 cfs

S-12 Discharge 244 cfs
 S-333 Discharge 298 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) April 9, 2010 to April 16, 2010
 Angel's 9.84 ft. msl
 G3273 5.35 ft. msl
5.79 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	1.69
S-8	0.83	
S-9	M	
S-140	0.99	1.52
S-12D	M	
S-336	0.65	
ENP	0.56	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.76	1.61
Pre-Project Avg	0.69	1.54

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

WCA-3A is in Zone C

Supplemental discharge is 105 cfs
 Distance to Bottom of Transition Zone -0.04 feet
 Distance to Bottom of Regulatory Zone 0.46 feet

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

Rainfall Formula Amount 437 cfs
 Last Week's Rainfall Formula 492 cfs
 Pre-Project Mean Discharge 29 cfs

Rainfall Excess Terms

RL1 -0.69

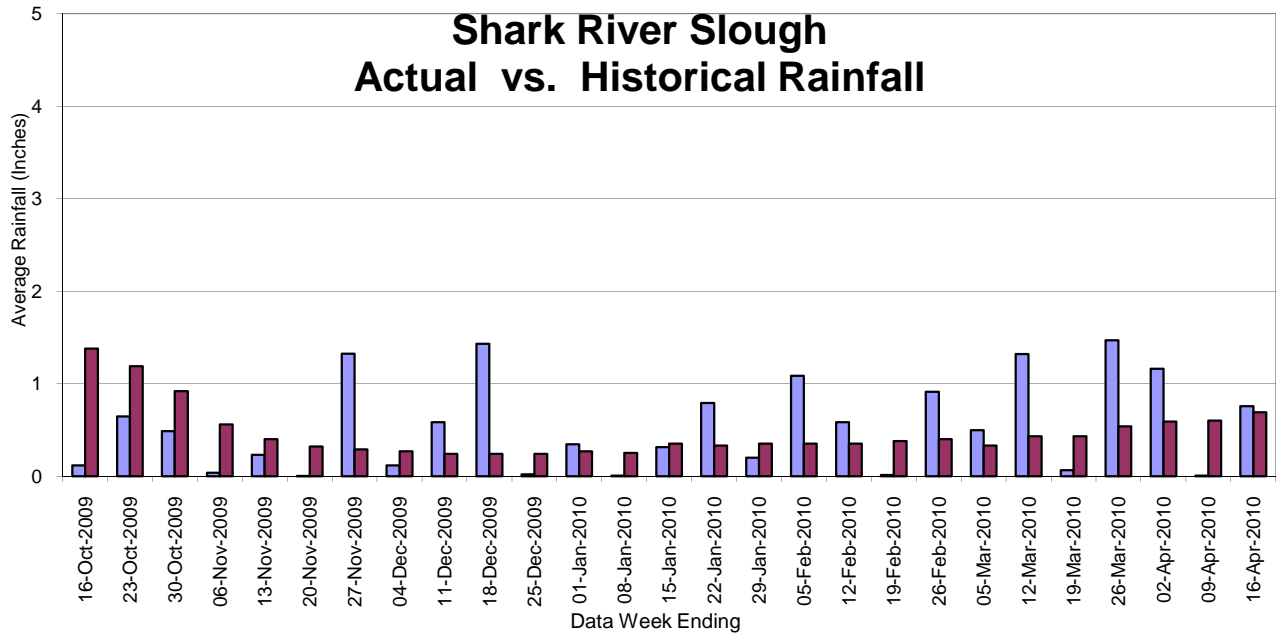
RL2 2.18

RL3 0.61

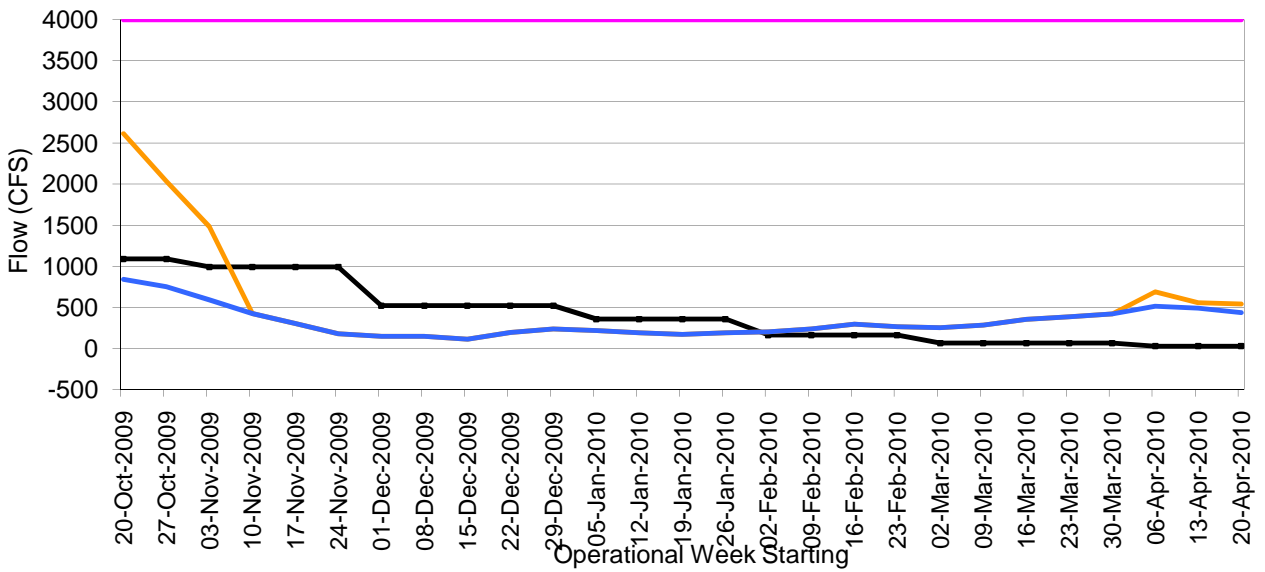
COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 13, 2010 to April 19, 2010 556 cfs

S-12 Discharge 250 cfs
 S-333 Discharge 306 cfs

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

April 2, 2010 to April 9, 2010

WCA-3A Stage (end of week) 9.87 ft. msl
 Angel's 5.36 ft. msl
 G3273 5.84 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.59
S-8	0.00	
S-9	0.00	
S-140	0.02	1.72
S-12D	0.01	
S-336	0.00	
ENP	0.00	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.00	1.65
Pre-Project Avg	0.60	1.51

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

WCA-3A is in Zone C

Supplemental discharge is 64 cfs
 Distance to Bottom of Transition Zone -0.03 feet
 Distance to Bottom of Regulatory Zone 0.47 feet

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

Rainfall Formula Amount 492 cfs
 Last Week's Rainfall Formula 515 cfs
 Pre-Project Mean Discharge 31 cfs

Rainfall Excess Terms

RL1 -0.12

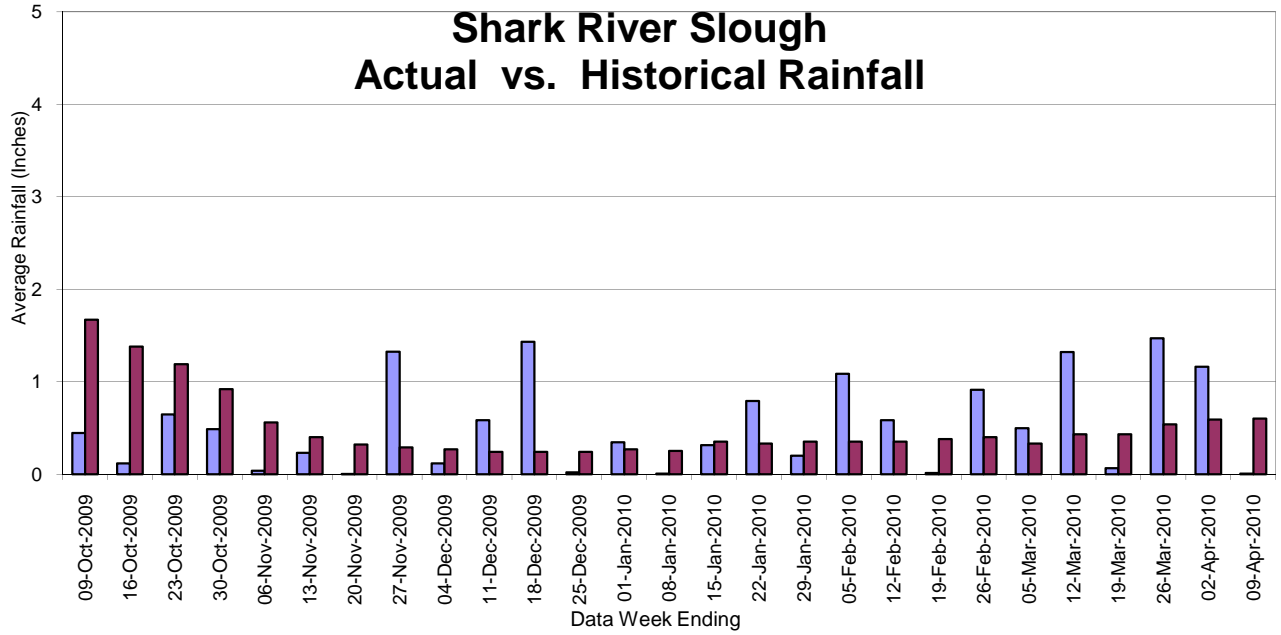
RL2 1.83

RL3 1.29

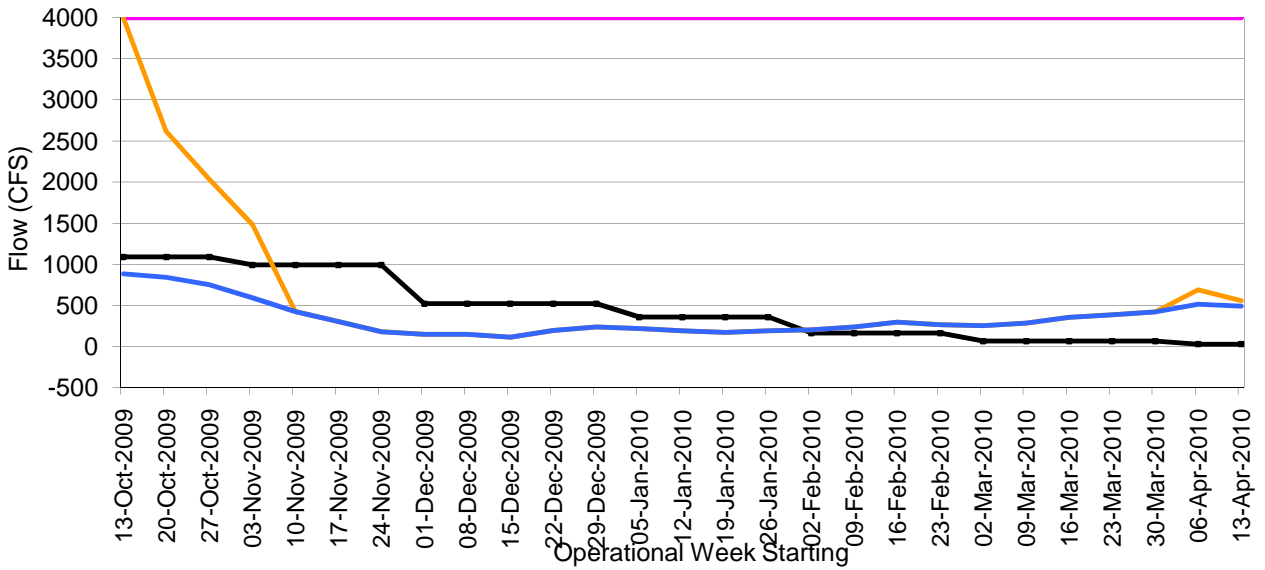
COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 6, 2010 to April 12, 2010 689 cfs

S-12 Discharge 310 cfs
 S-333 Discharge 379 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) March 26, 2010 to April 2, 2010
 Angel's 9.96 ft. msl
 G3273 5.47 ft. msl
5.99 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.57	1.45
S-8	1.01	
S-9	1.02	
S-140	1.85	1.46
S-12D	M	
S-336	M	
ENP	0.35	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	1.16	1.45
Pre-Project Avg	0.59	1.47

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

WCA-3A is in Zone C

Supplemental discharge is 173 cfs
 Distance to Bottom of Transition Zone -0.07 feet
 Distance to Bottom of Regulatory Zone 0.43 feet

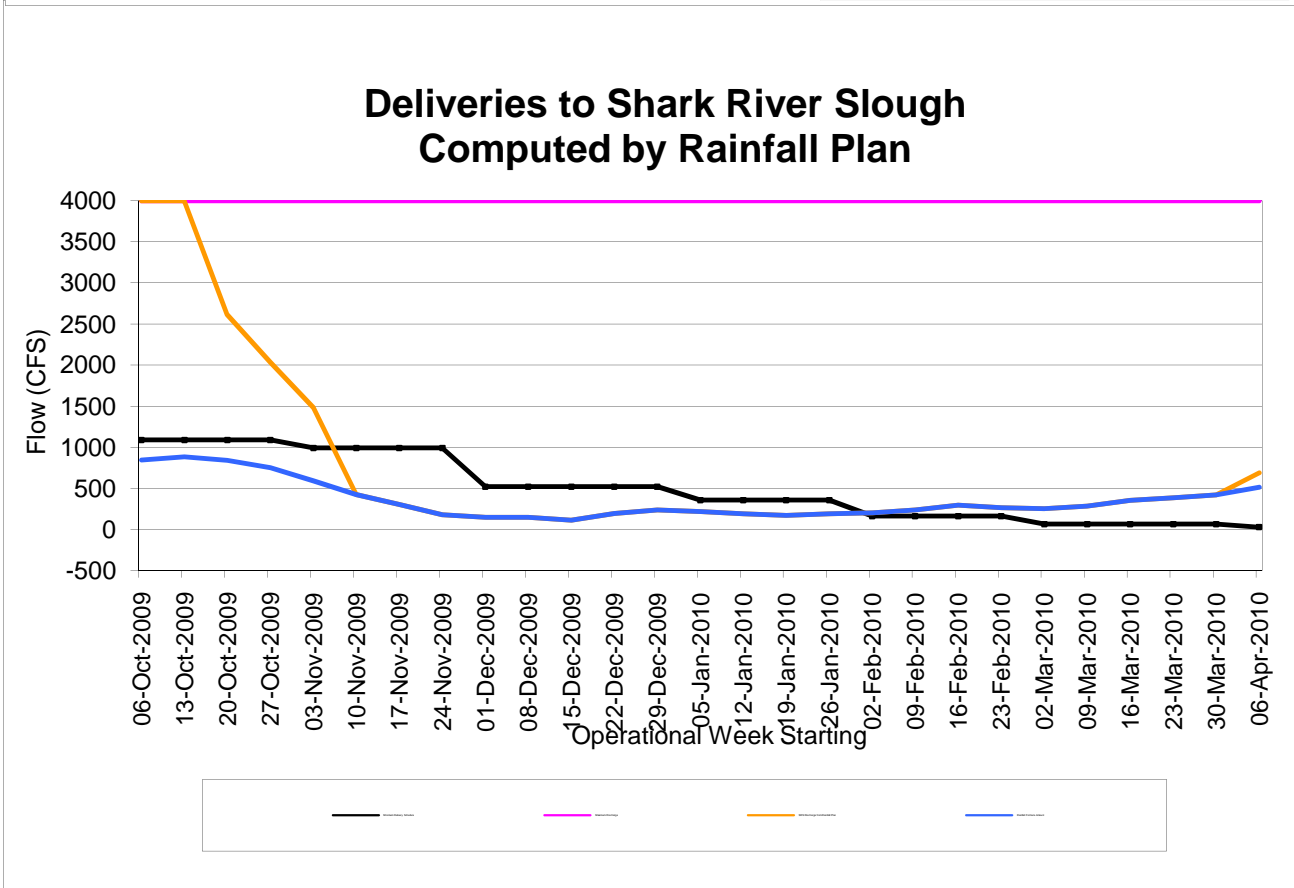
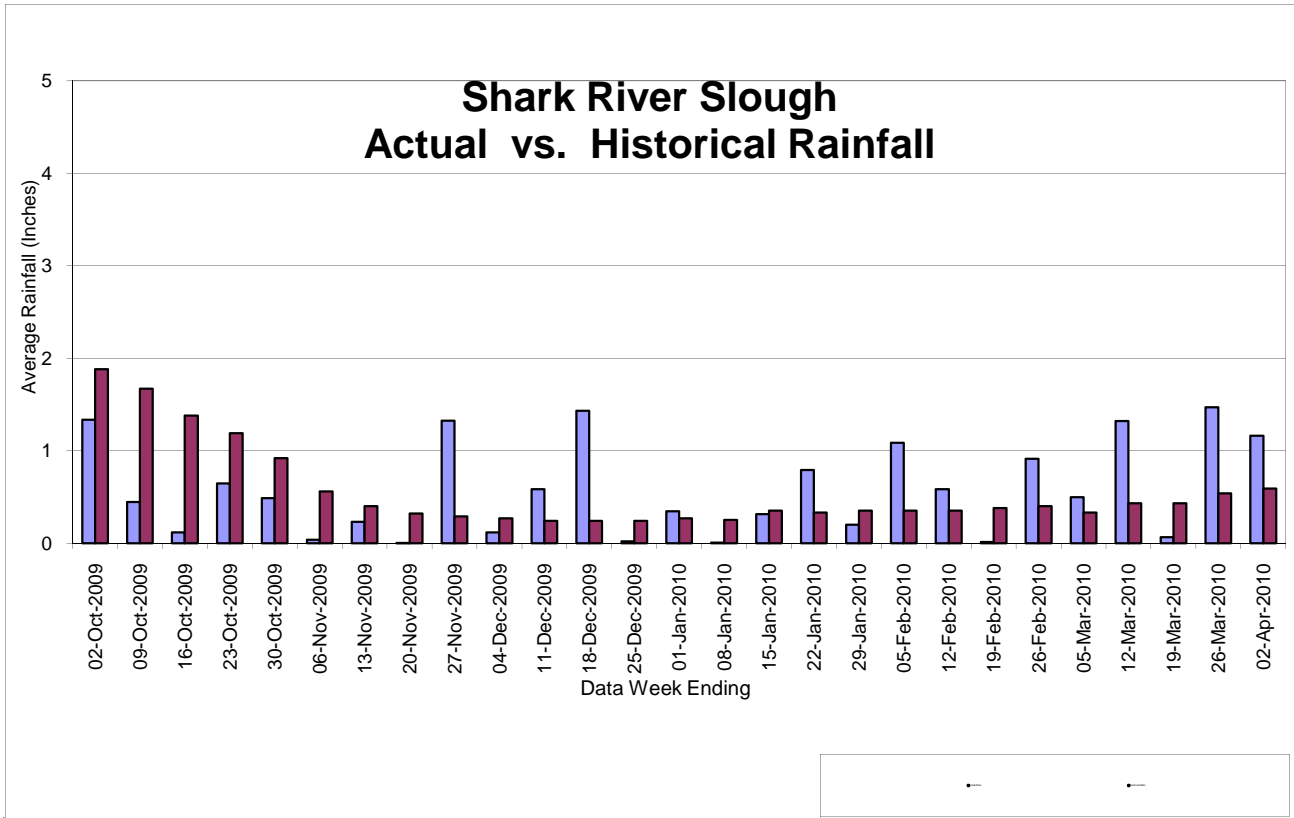
----- Statistical Parameters -----

Rainfall Formula Amount 515 cfs
 Last Week's Rainfall Formula 421 cfs
 Pre-Project Mean Discharge 32 cfs

Rainfall Excess Terms
RL1 1.59 RL2 1.45 RL3 0.44

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 March 30, 2010 to April 5, 2010 421 cfs

S-12 Discharge 189 cfs
 S-333 Discharge 232 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) March 19, 2010 to March 26, 2010
 Angel's 9.84 ft. msl
 G3273 5.43 ft. msl
5.91 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	1.30
S-8	M	
S-9	3.05	
S-140	0.68	1.34
S-12D	1.28	
S-336	0.83	
ENP	1.51	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	1.47	1.32
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 0.10 feet
 Distance to Bottom of Regulatory Zone 0.60 feet

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

Rainfall Formula Amount 421 cfs
 Last Week's Rainfall Formula 386 cfs
 Pre-Project Mean Discharge 31 cfs

Rainfall Excess Terms

RL1 0.53

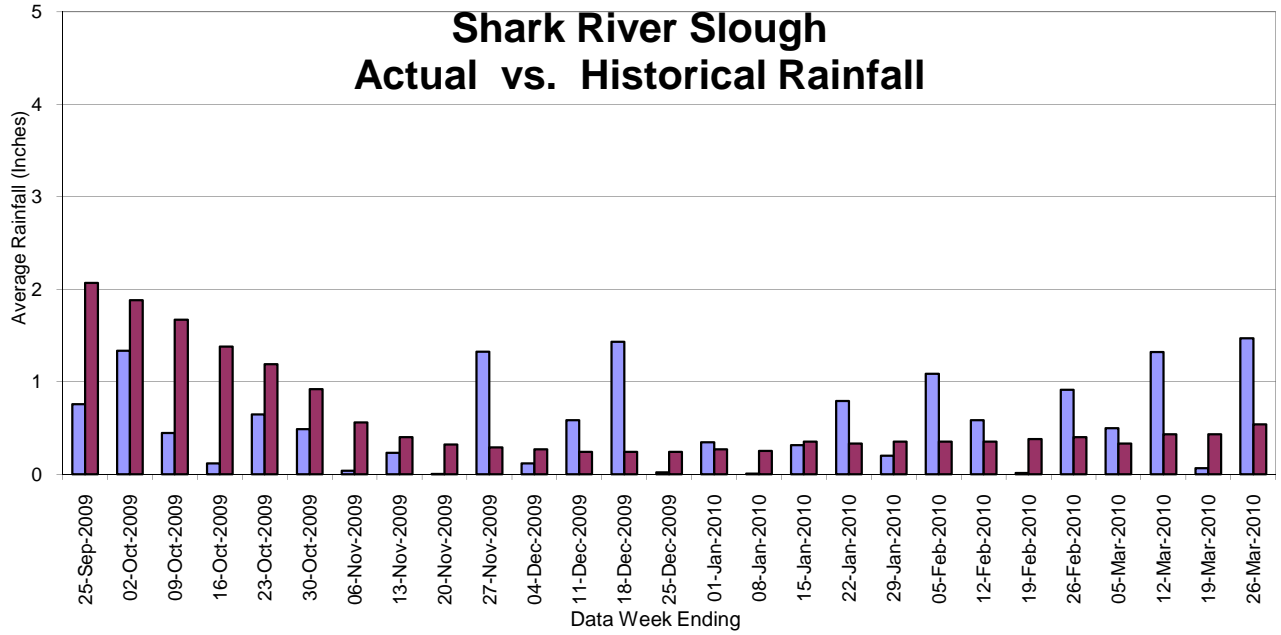
RL2 1.48

RL3 1.31

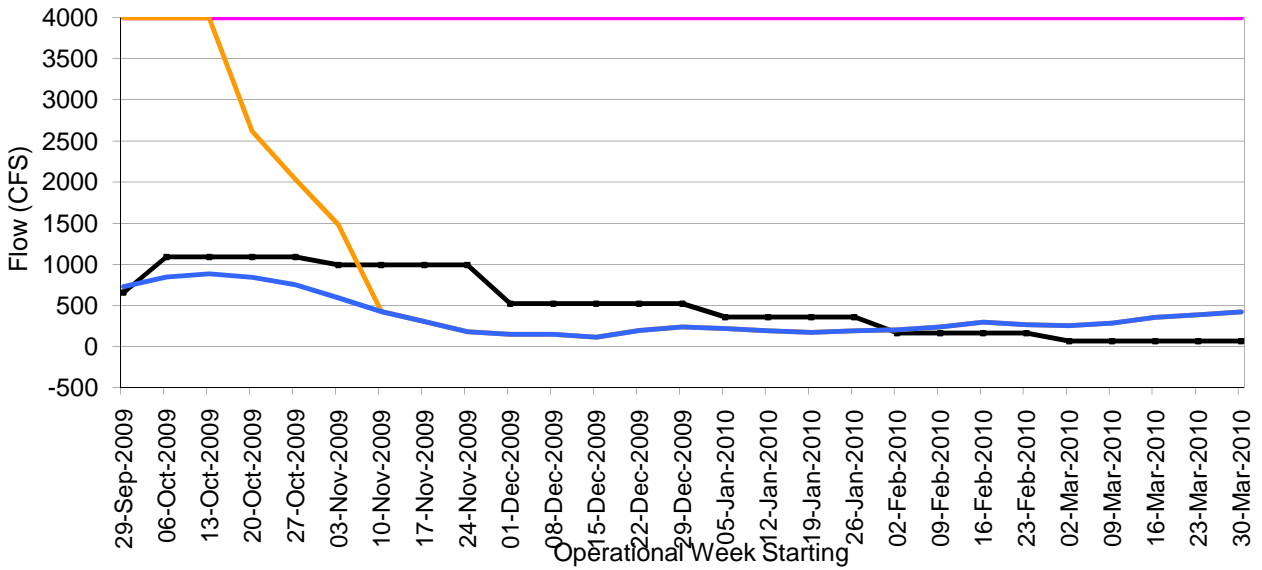
COMMENT: S7 evap data and S140 estimated evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 23, 2010 to March 29, 2010 386 cfs

S-12 Discharge 174 cfs
 S-333 Discharge 212 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) March 12, 2010 to March 19, 2010
 Angel's 9.74 ft. msl
 G3273 5.32 ft. msl
5.84 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.03	1.61
S-8	0.06	
S-9	0.04	
S-140	0.04	1.38
S-12D	0.09	
S-336	0.10	
ENP	0.10	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
<hr/>		
This Week's Avg	0.07	1.49
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 0.24 feet
 Distance to Bottom of Regulatory Zone 0.74 feet

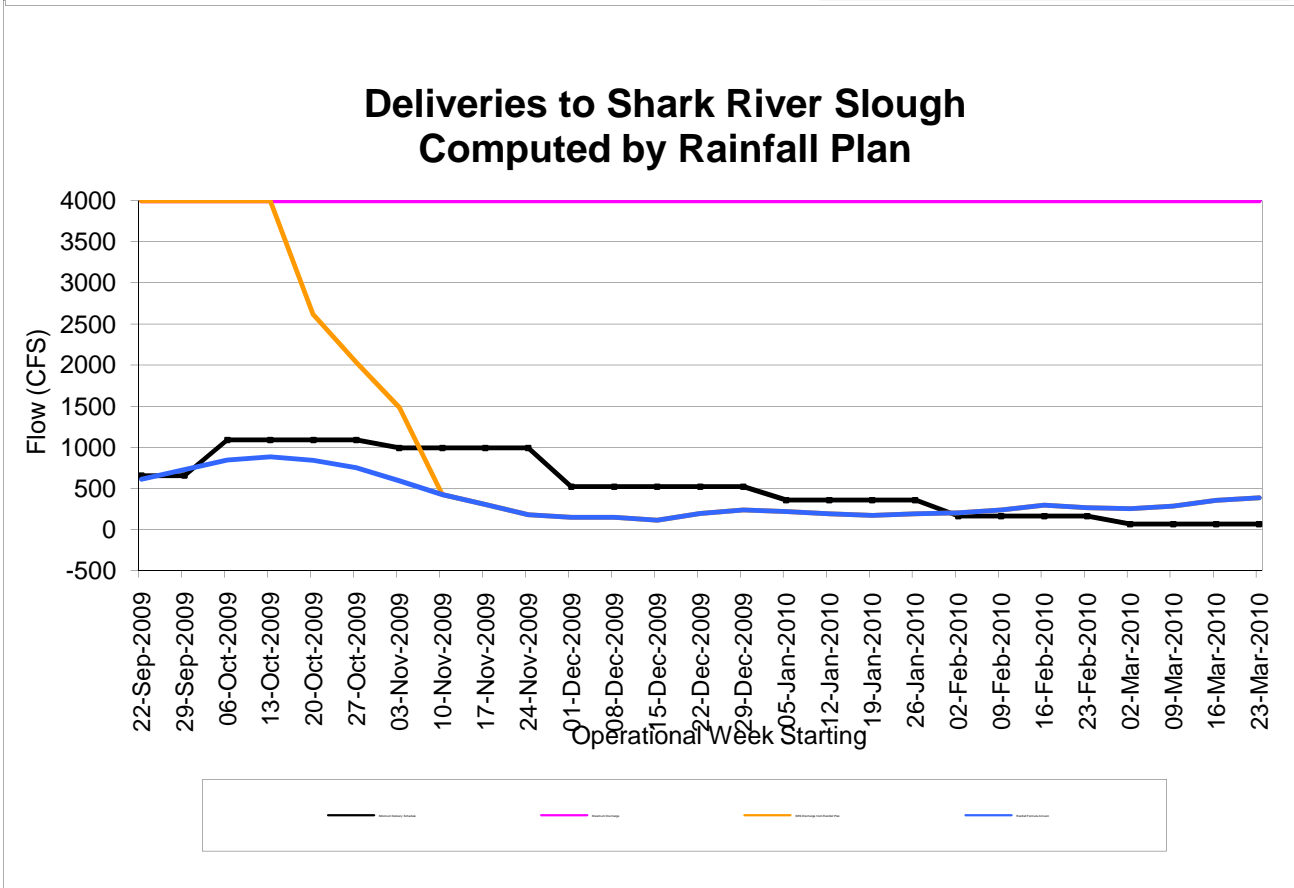
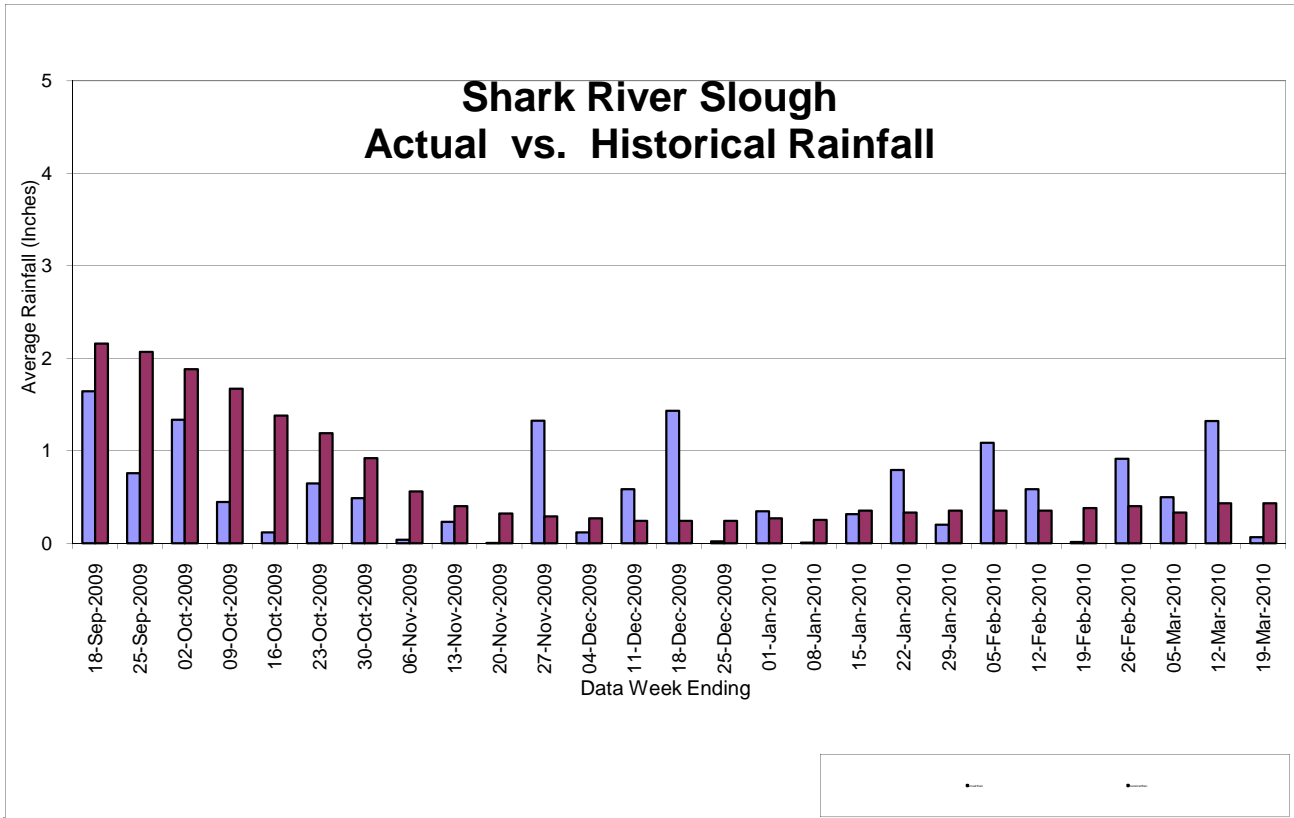
----- Statistical Parameters -----

Rainfall Formula Amount 386 cfs
 Last Week's Rainfall Formula 356 cfs
 Pre-Project Mean Discharge 26 cfs

Rainfall Excess Terms
RL1 0.60 RL2 0.61 RL3 1.23

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 16, 2010 to March 22, 2010 356 cfs

S-12 Discharge 160 cfs
 S-333 Discharge 196 cfs

----- Data Summary -----
 WCA-3A Stage (end of week) March 5, 2010 to March 12, 2010
 Angel's 9.83 ft. msl
 G3273 5.22 ft. msl
5.72 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.21	1.01
S-8	2.66	
S-9	0.65	
S-140	1.87	1.14
S-12D	0.61	
S-336	0.66	
ENP	0.58	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	1.32	1.07
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 0.20 feet
 Distance to Bottom of Regulatory Zone 0.70 feet

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

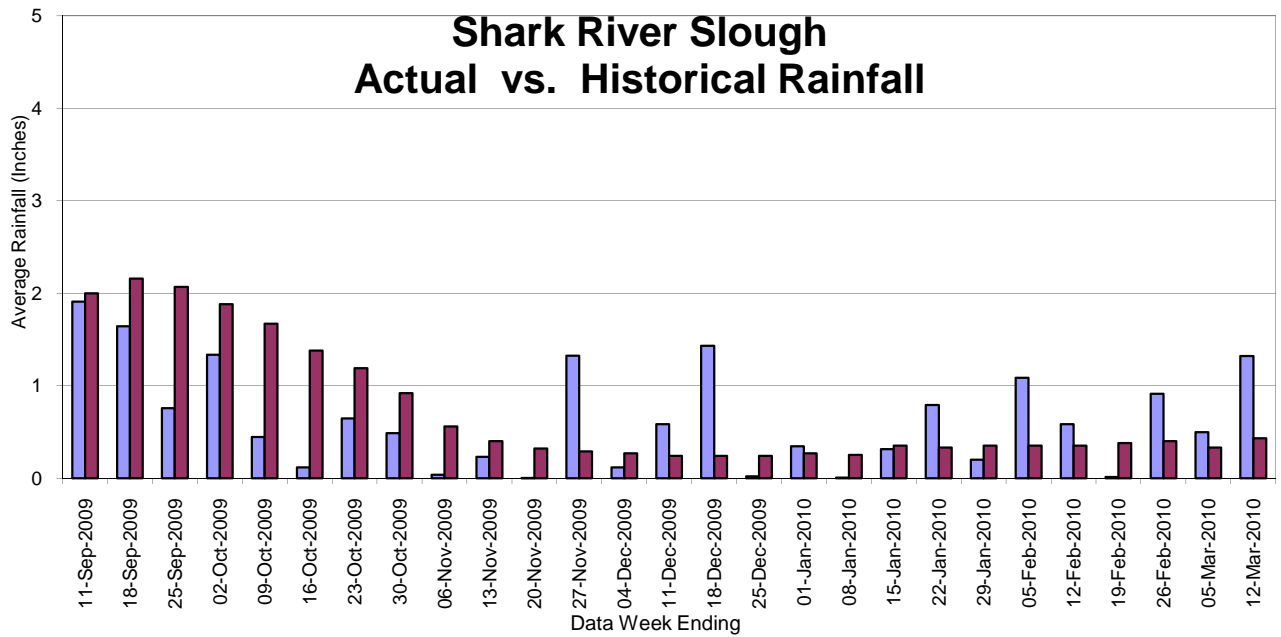
Rainfall Formula Amount 356 cfs
 Last Week's Rainfall Formula 285 cfs
 Pre-Project Mean Discharge 25 cfs

Rainfall Excess Terms
RL1 1.30 RL2 1.29 RL3 0.09

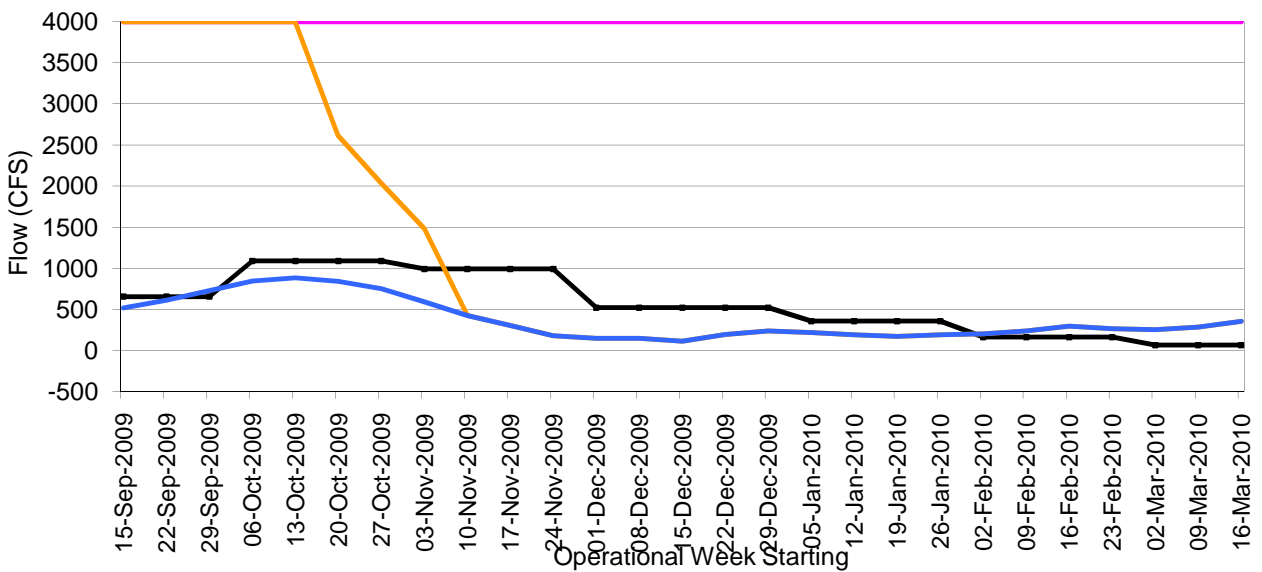
COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 9, 2010 to March 15, 2010 285 cfs

S-12 Discharge 128 cfs
 S-333 Discharge 157 cfs

----- Data Summary ----- February 26, 2010 to March 5, 2010
 WCA-3A Stage (end of week) 9.83 ft. msl
 Angel's 5.35 ft. msl
 G3273 5.86 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.81	1.15
S-8	0.58	
S-9	0.56	
S-140	M	1.14
S-12D	0.34	
S-336	0.20	
ENP	M	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
<hr/>		
This Week's Avg	0.50	1.14
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 0.25 feet
 Distance to Bottom of Regulatory Zone 0.75 feet

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

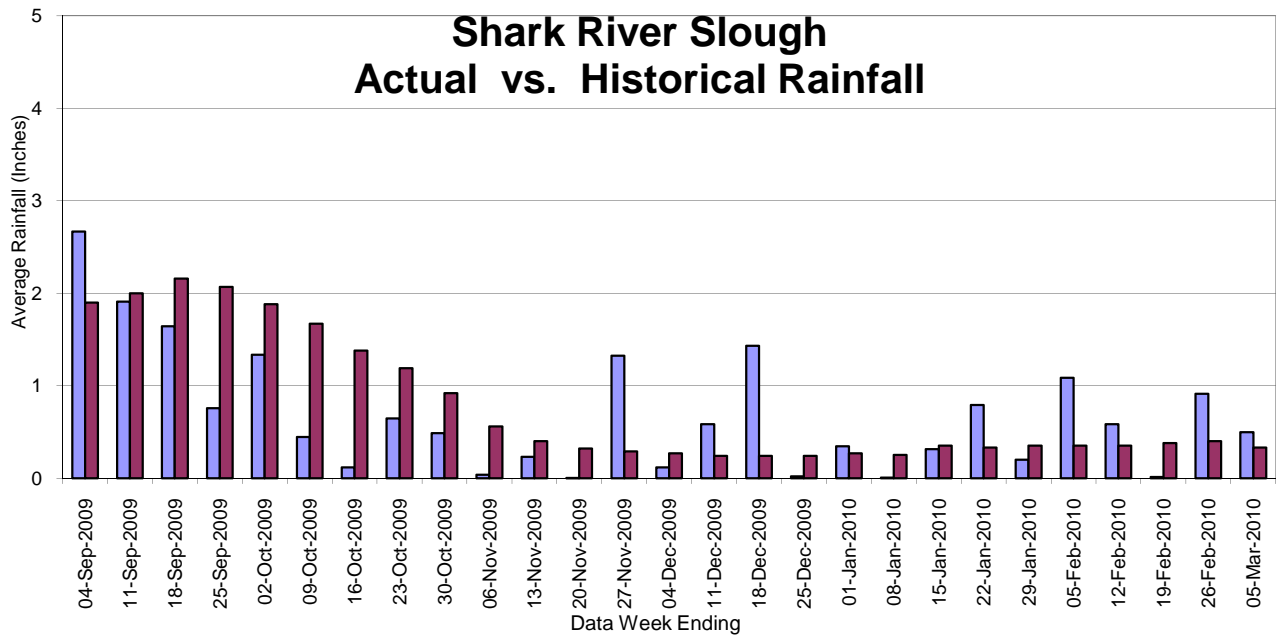
Rainfall Formula Amount 285 cfs
 Last Week's Rainfall Formula 252 cfs
 Pre-Project Mean Discharge 35 cfs

Rainfall Excess Terms
RL1 0.86
RL2 0.44
RL3 0.36

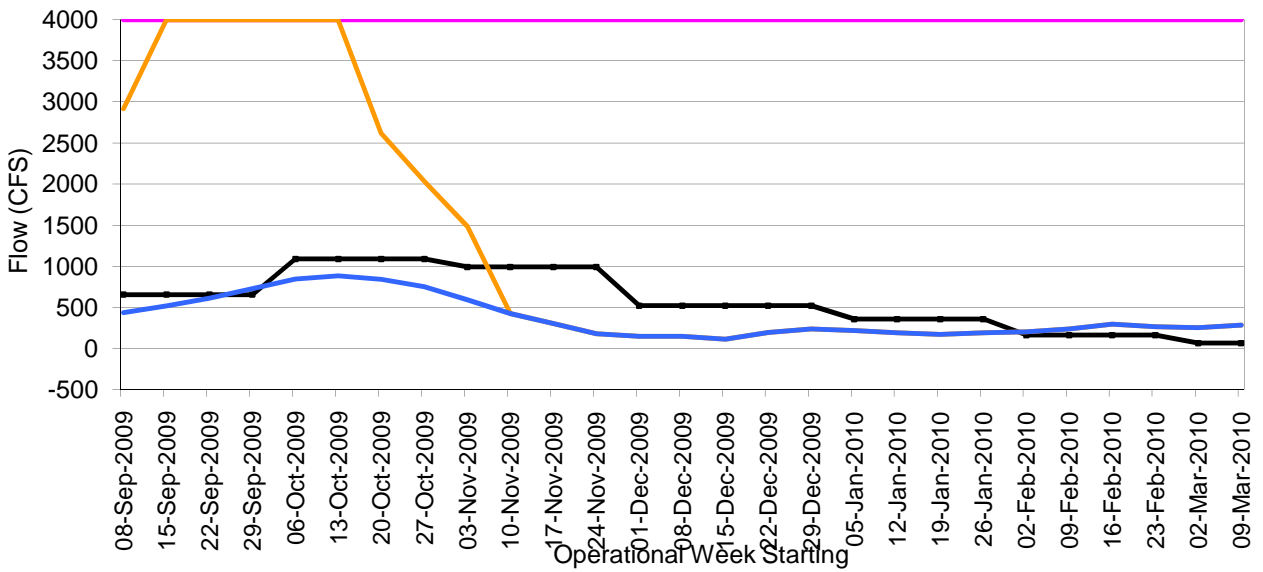
COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 2, 2010 to March 8, 2010 252 cfs

S-12 Discharge 113 cfs
 S-333 Discharge 139 cfs

----- Data Summary ----- February 19, 2010 to February 26, 2010
 WCA-3A Stage (end of week) 9.92 ft. msl
 Angel's 5.47 ft. msl
 G3273 5.96 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	1.03
S-8	1.27	
S-9	M	
S-140	0.75	0.99
S-12D	0.48	
S-336	0.99	
ENP	1.07	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.91	1.01
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 0.20 feet
 Distance to Bottom of Regulatory Zone 0.70 feet

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

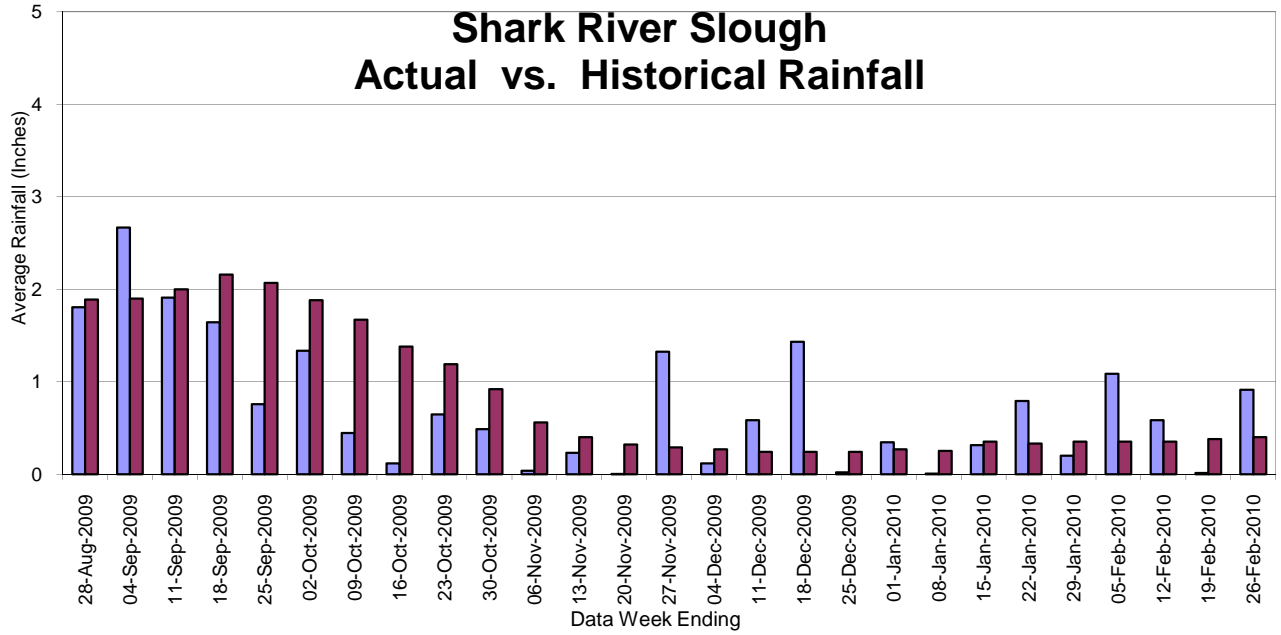
Rainfall Formula Amount 252 cfs
 Last Week's Rainfall Formula 263 cfs
 Pre-Project Mean Discharge 50 cfs

Rainfall Excess Terms
RL1 0.19 RL2 1.31 RL3 -0.37

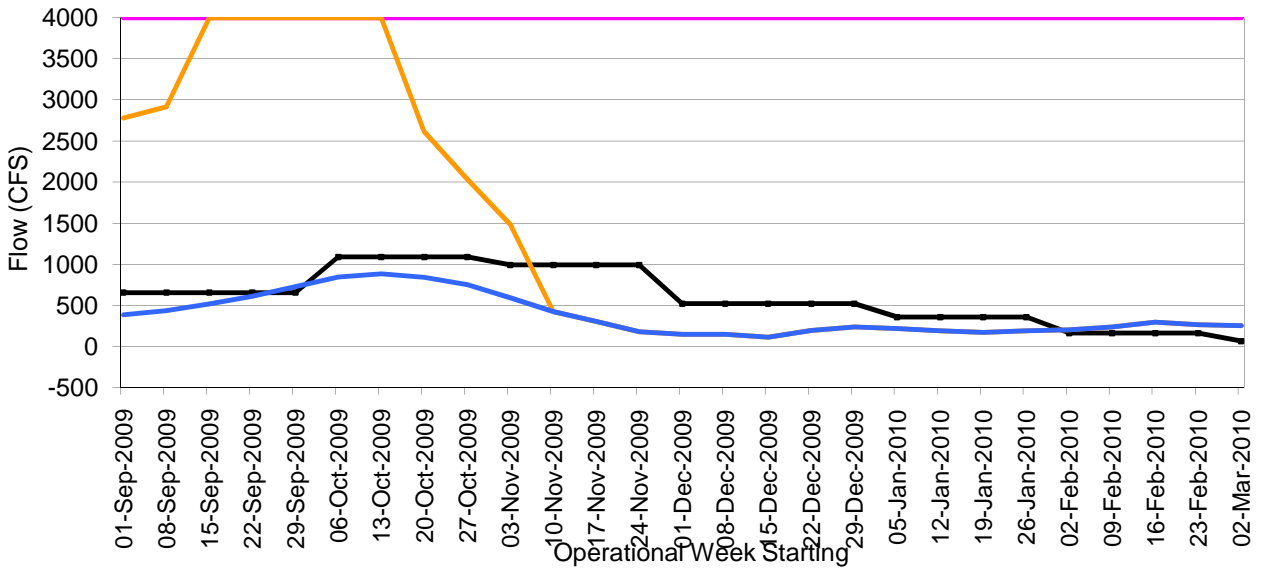
COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Shark River Slough Actual vs. Historical Rainfall



Deliveries to Shark River Slough Computed by Rainfall Plan



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 23, 2010 to March 1, 2010 263 cfs

S-12 Discharge 119 cfs
 S-333 Discharge 145 cfs

----- Data Summary ----- February 12, 2010 to February 19, 2010
 WCA-3A Stage (end of week) 9.94 ft. msl
 Angel's 5.31 ft. msl
 G3273 5.85 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.01	1.10
S-8	0.01	
S-9	0.00	
S-140	0.01	1.24
S-12D	0.03	
S-336	0.02	
ENP	0.01	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.01	1.17
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 0.23 feet
 Distance to Bottom of Regulatory Zone 0.73 feet

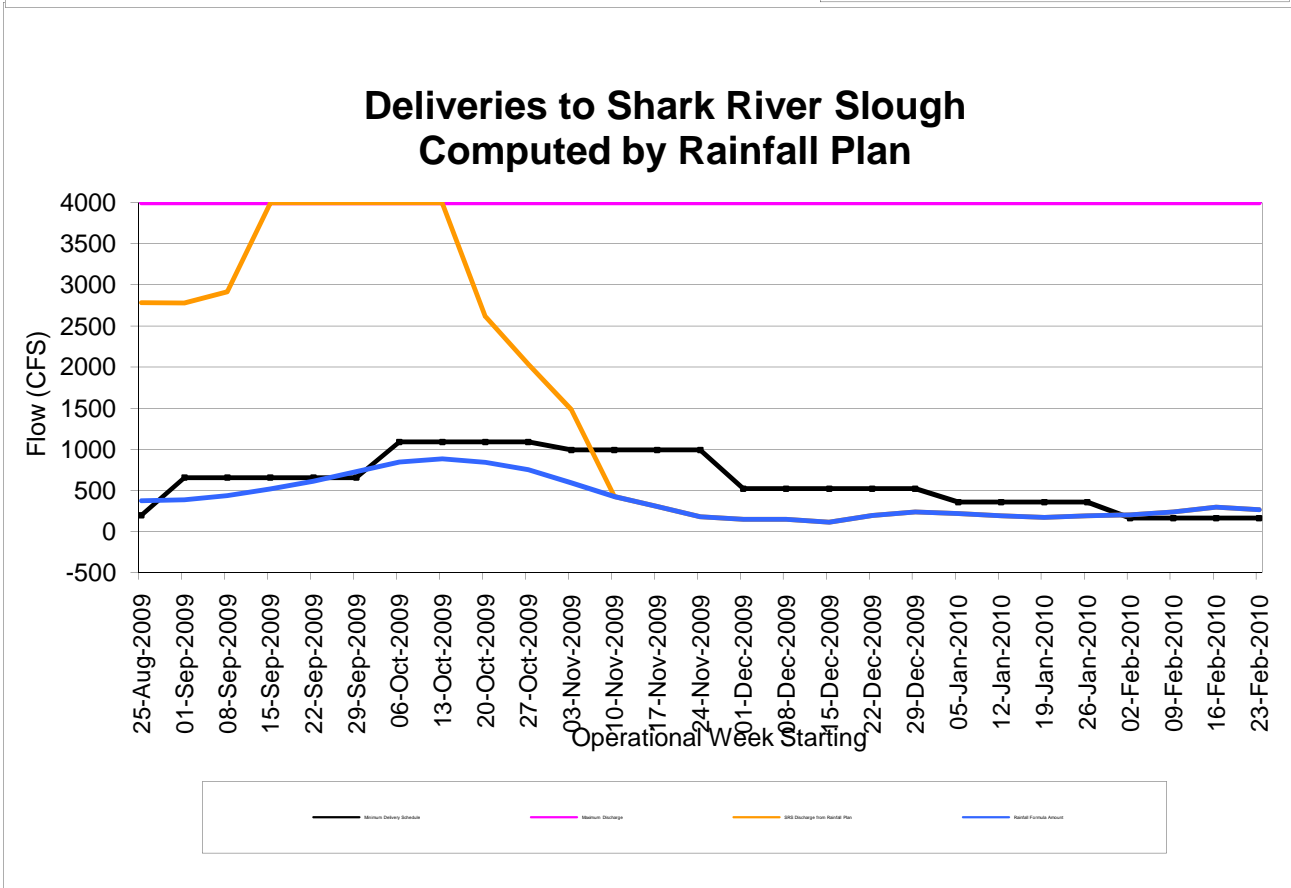
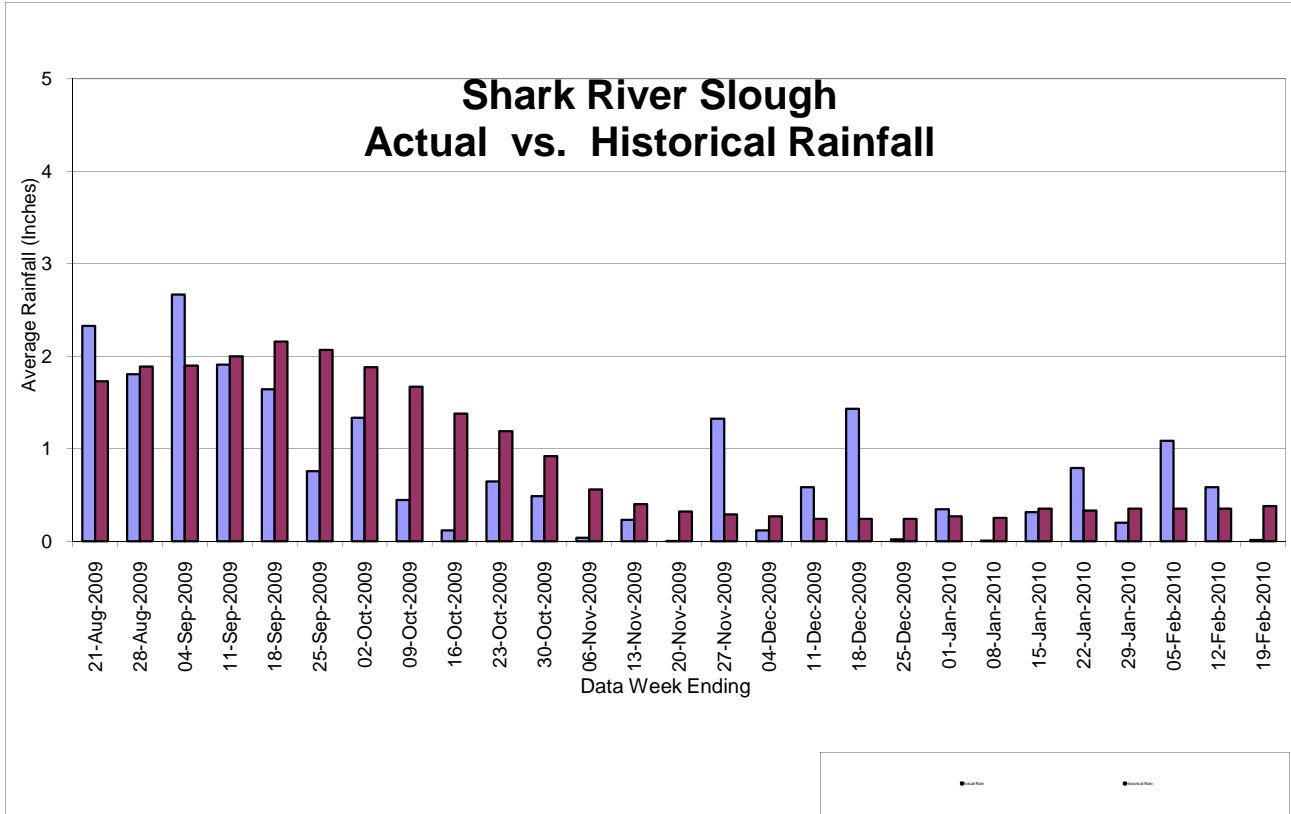
----- Statistical Parameters -----

Rainfall Formula Amount 263 cfs
 Last Week's Rainfall Formula 296 cfs
 Pre-Project Mean Discharge 69 cfs

Rainfall Excess Terms
RL1 -0.24 RL2 1.23 RL3 0.69

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 16, 2010 to February 22, 2010 296 cfs

S-12 Discharge 133 cfs
 S-333 Discharge 163 cfs

----- Data Summary ----- February 5, 2010 to February 12, 2010
 WCA-3A Stage (end of week) 10.06 ft. msl
 Angel's 5.34 ft. msl
 G3273 5.89 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.78	1.02
S-8	M	
S-9	0.61	
S-140	0.74	1.09
S-12D	0.41	
S-336	0.45	
ENP	0.51	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.58	1.06
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 0.16 feet
 Distance to Bottom of Regulatory Zone 0.66 feet

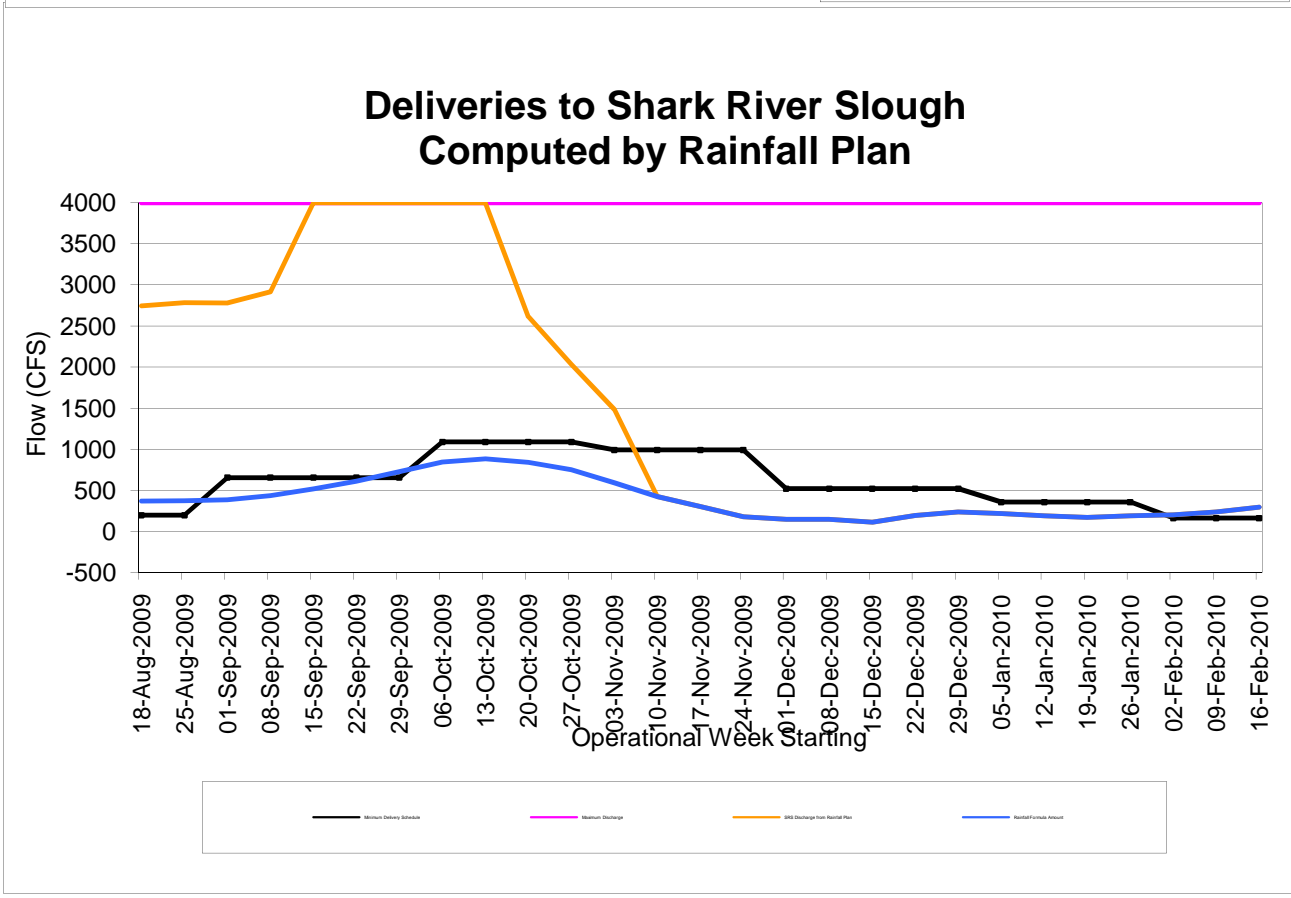
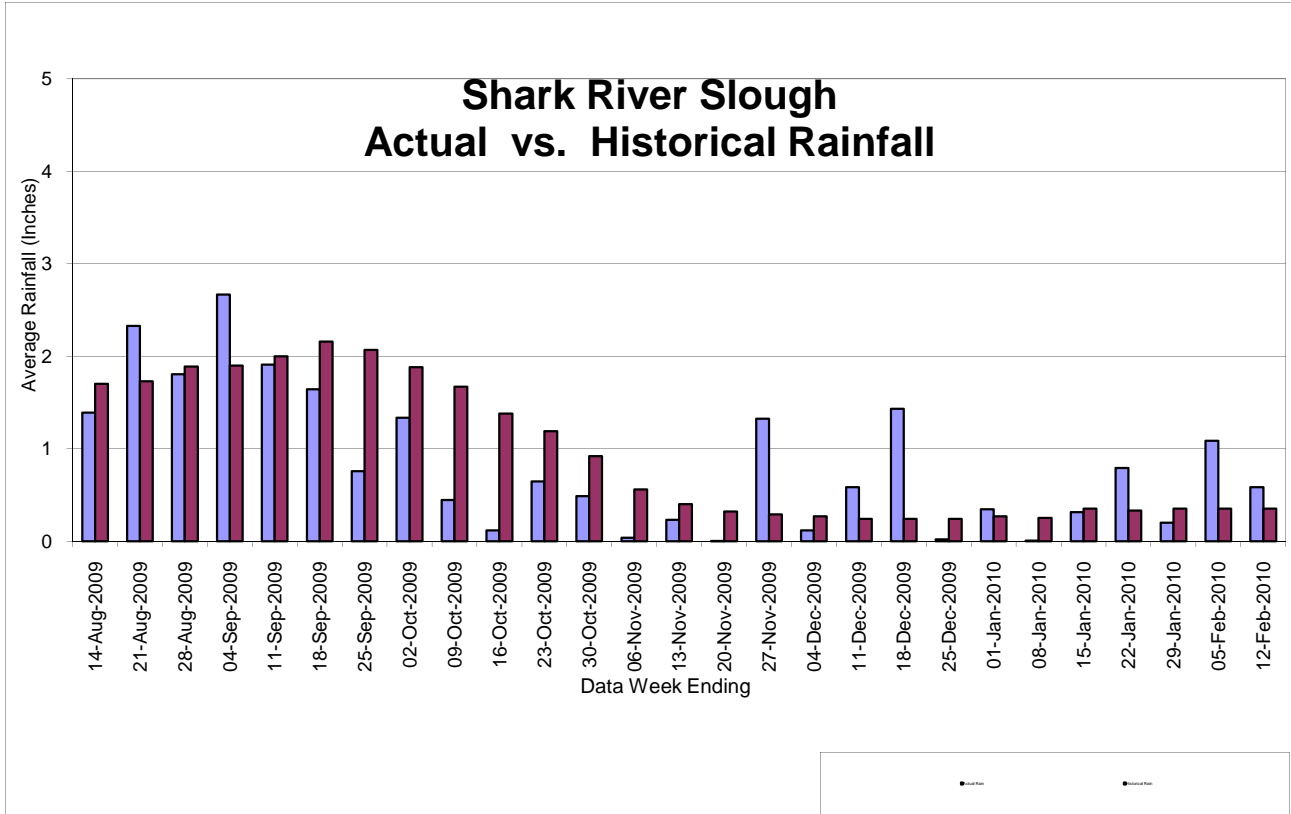
----- Statistical Parameters -----

Rainfall Formula Amount 296 cfs
 Last Week's Rainfall Formula 239 cfs
 Pre-Project Mean Discharge 88 cfs

Rainfall Excess Terms
RL1 1.10 RL2 0.09 RL3 1.32

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 9, 2010 to February 15, 2010 239 cfs

S-12 Discharge 108 cfs
 S-333 Discharge 131 cfs

----- Data Summary ----- January 29, 2010 to February 5, 2010
 WCA-3A Stage (end of week) 10.13 ft. msl
 Angel's 5.69 ft. msl
 G3273 6.13 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.02	0.76
S-8	1.15	
S-9	M	
S-140	0.35	0.70
S-12D	0.95	
S-336	M	
ENP	1.95	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	1.08	0.73
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 0.13 feet
 Distance to Bottom of Regulatory Zone 0.62 feet

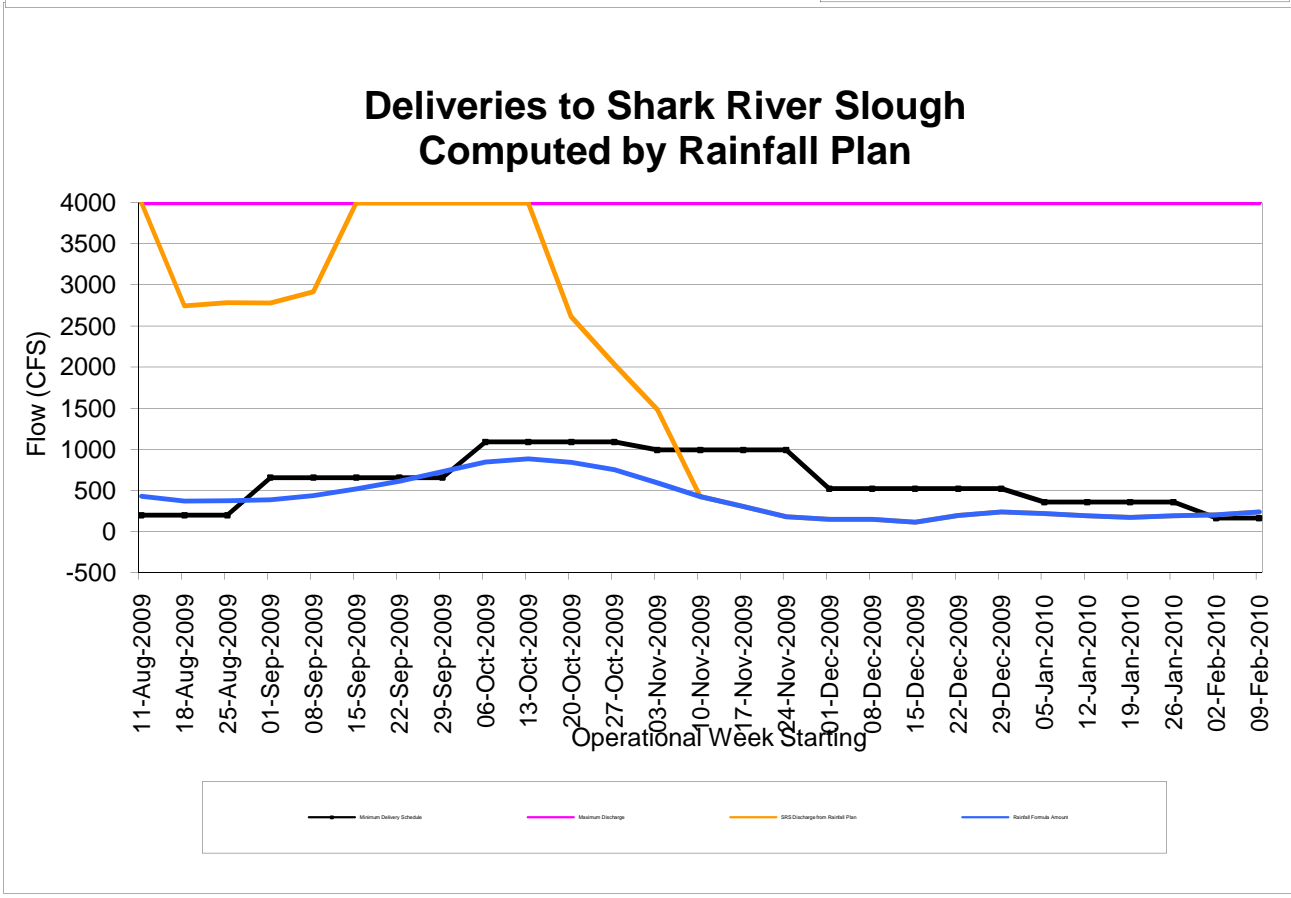
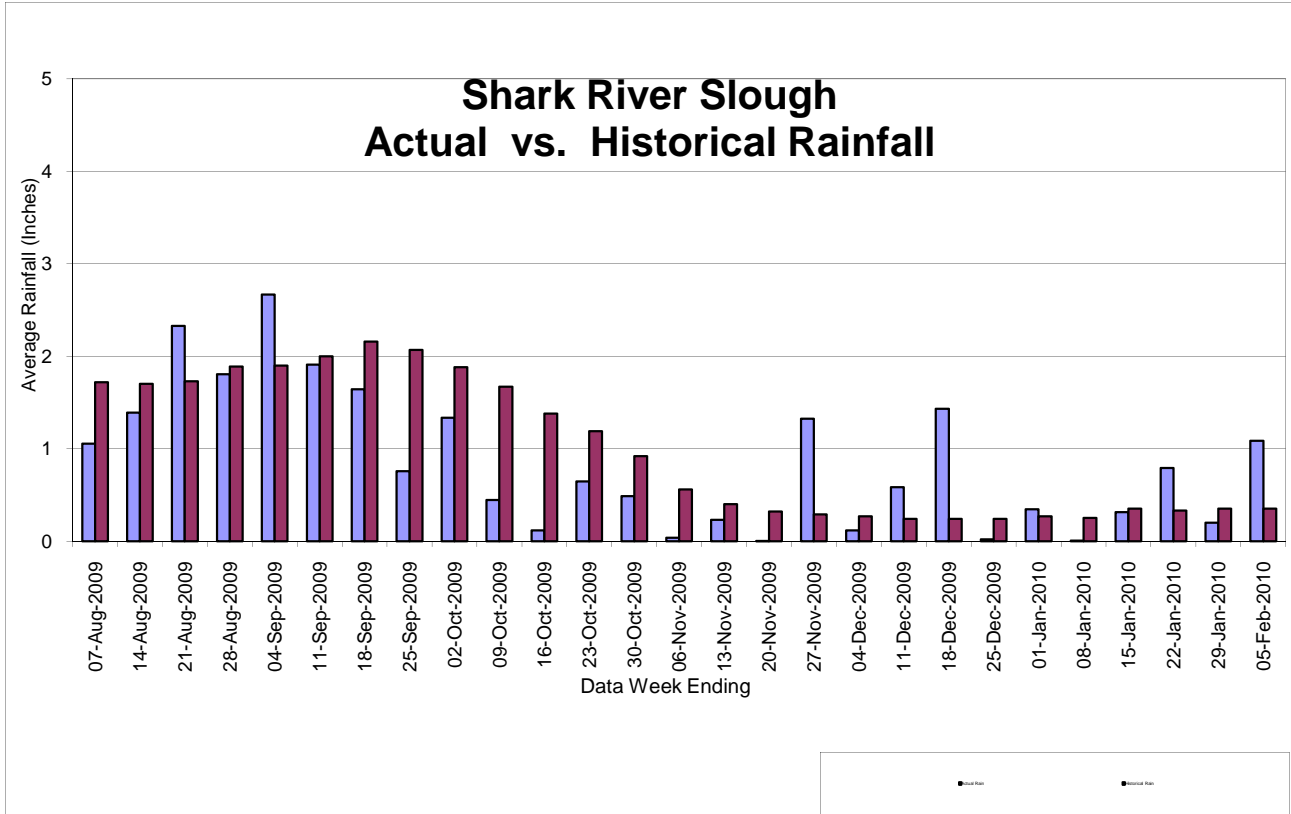
----- Statistical Parameters -----

Rainfall Formula Amount 239 cfs
 Last Week's Rainfall Formula 204 cfs
 Pre-Project Mean Discharge 110 cfs

Rainfall Excess Terms
RL1 0.68 RL2 0.36 RL3 1.17

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 2, 2010 to February 8, 2010 204 cfs

S-12 Discharge 92 cfs
 S-333 Discharge 112 cfs

----- Data Summary ----- January 22, 2010 to January 29, 2010
 WCA-3A Stage (end of week) 10.05 ft. msl
 Angel's 5.21 ft. msl
 G3273 5.75 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.02	0.90
S-8	0.26	
S-9	M	
S-140	0.06	1.04
S-12D	0.76	
S-336	0.06	
ENP	0.04	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
<hr/>		
This Week's Avg	0.20	0.97
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 0.26 feet
 Distance to Bottom of Regulatory Zone 0.70 feet

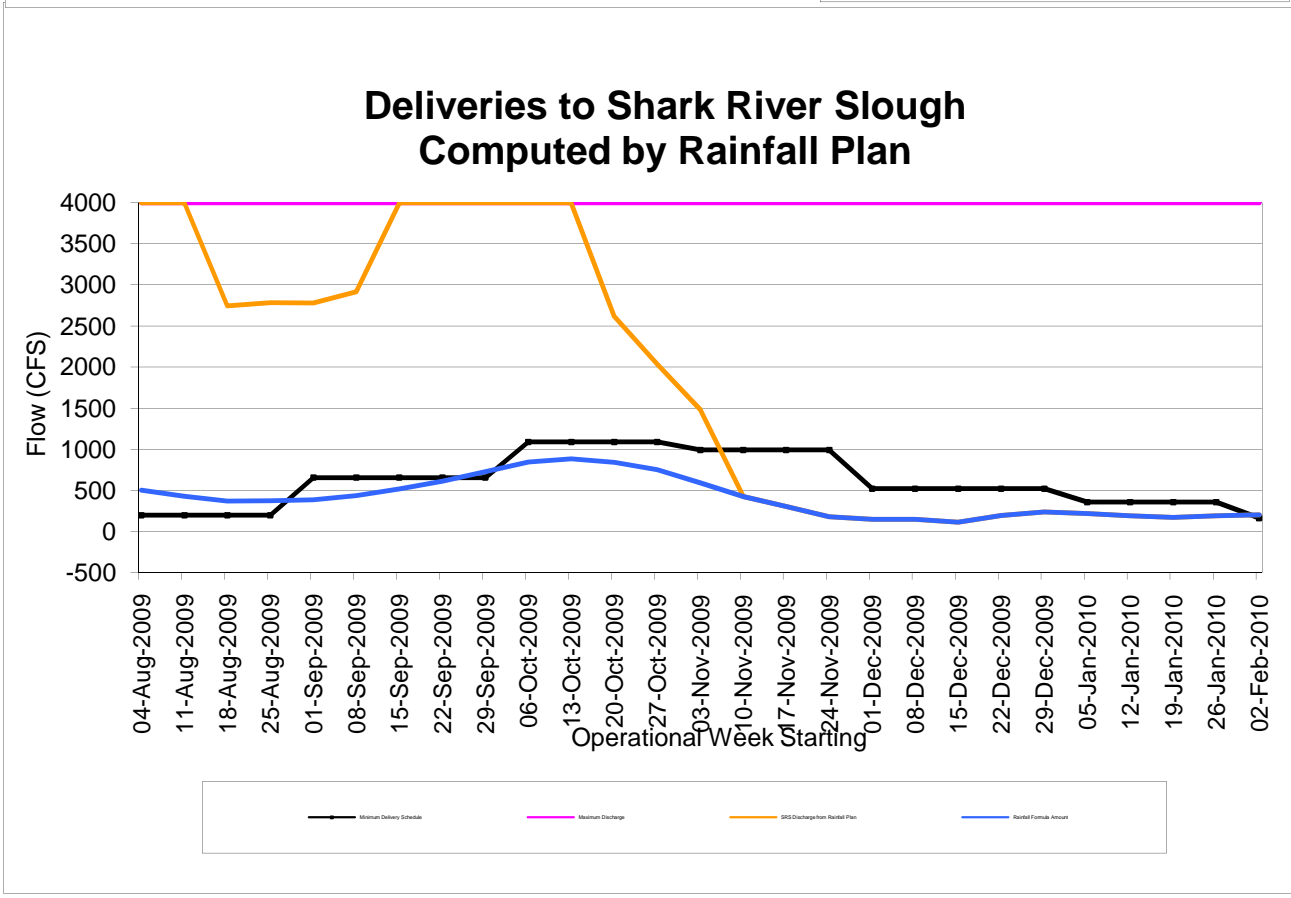
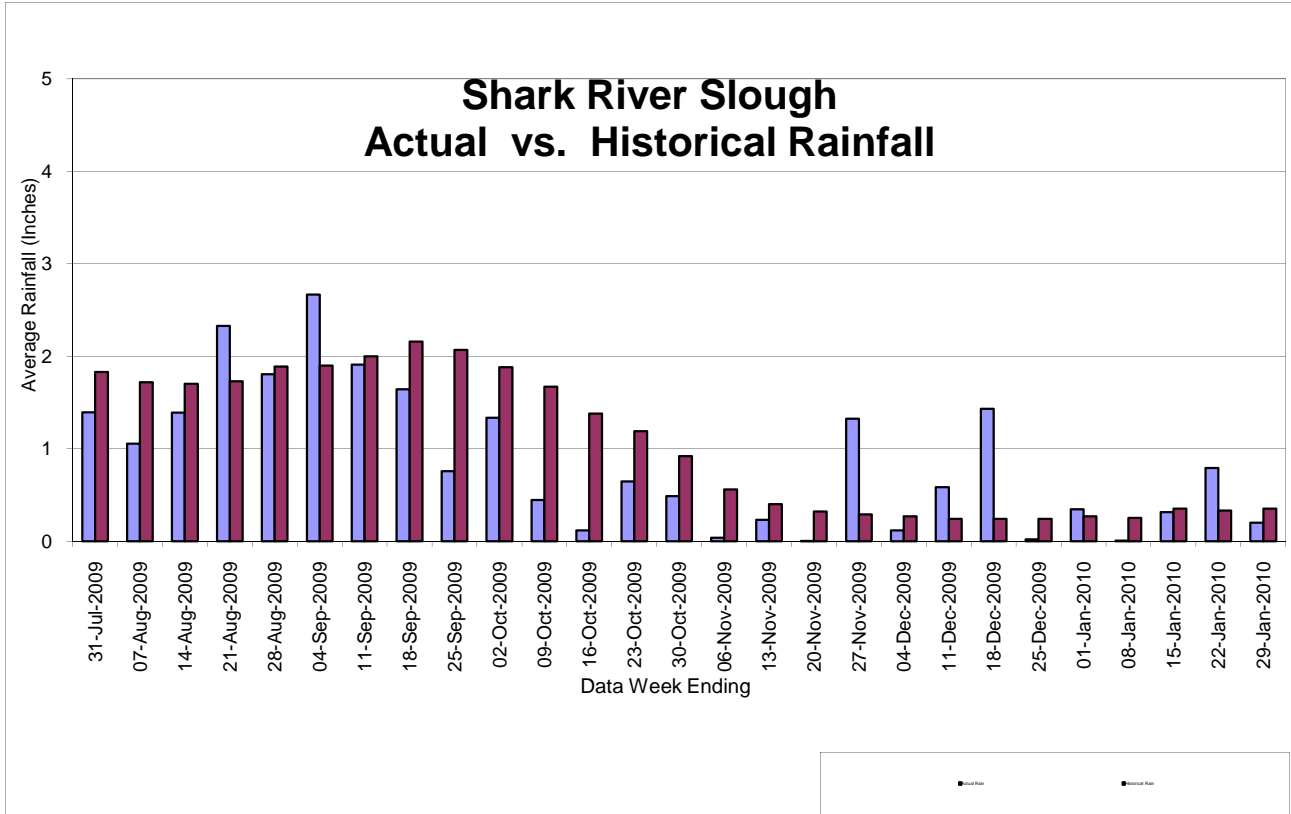
----- Statistical Parameters -----

Rainfall Formula Amount 204 cfs
 Last Week's Rainfall Formula 192 cfs
 Pre-Project Mean Discharge 130 cfs

Rainfall Excess Terms
RL1 0.21 RL2 -0.37 RL3 2.50

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 26, 2010 to February 1, 2010 192 cfs

S-12 Discharge 87 cfs
 S-333 Discharge 106 cfs

----- Data Summary ----- January 15, 2010 to January 22, 2010
 WCA-3A Stage (end of week) 10.15 ft. msl
 Angel's 5.39 ft. msl
 G3273 5.96 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.74	0.78
S-8	0.38	
S-9	2.11	
S-140	M	0.93
S-12D	0.44	
S-336	0.28	
ENP	M	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
<hr/>		
This Week's Avg	0.79	0.86
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 0.20 feet
 Distance to Bottom of Regulatory Zone 0.60 feet

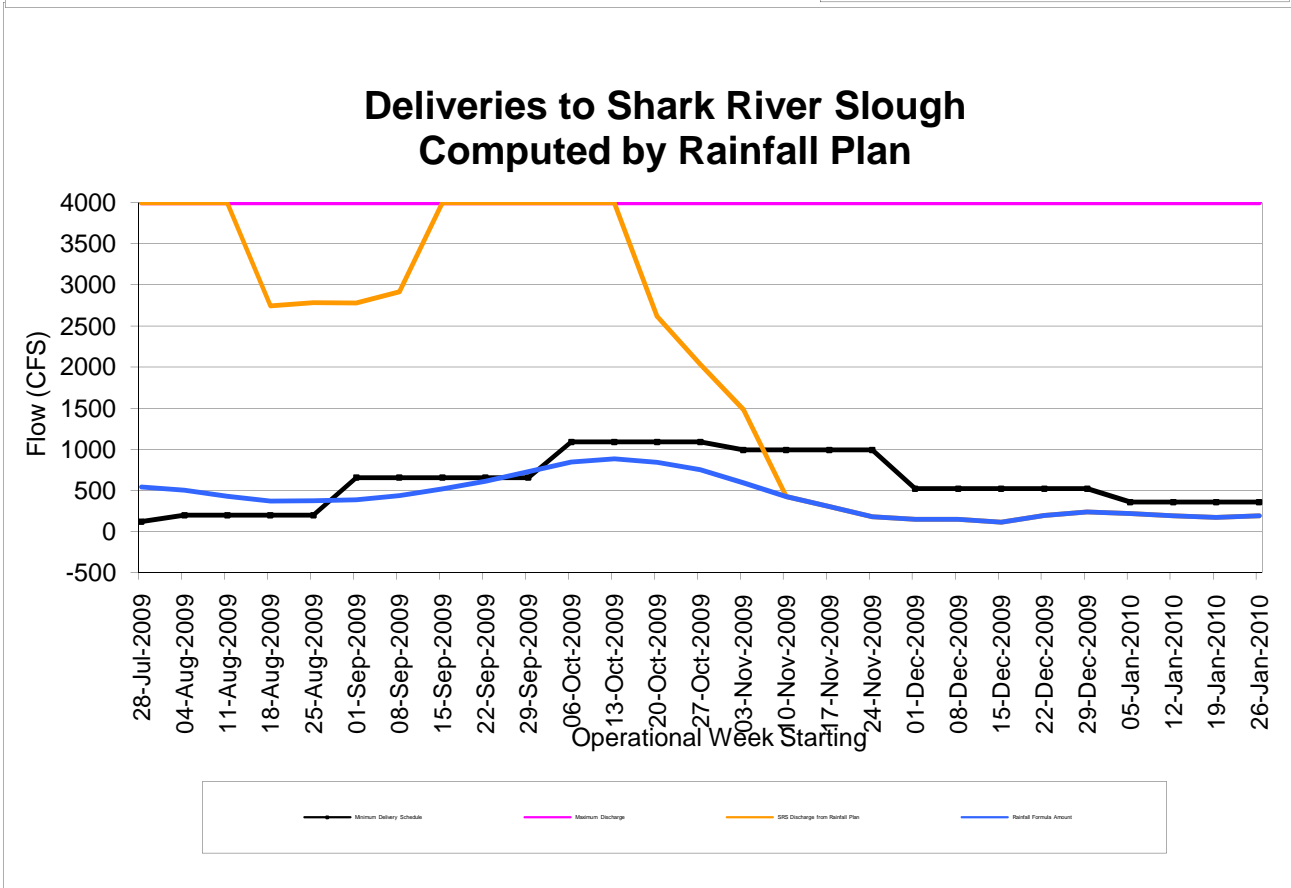
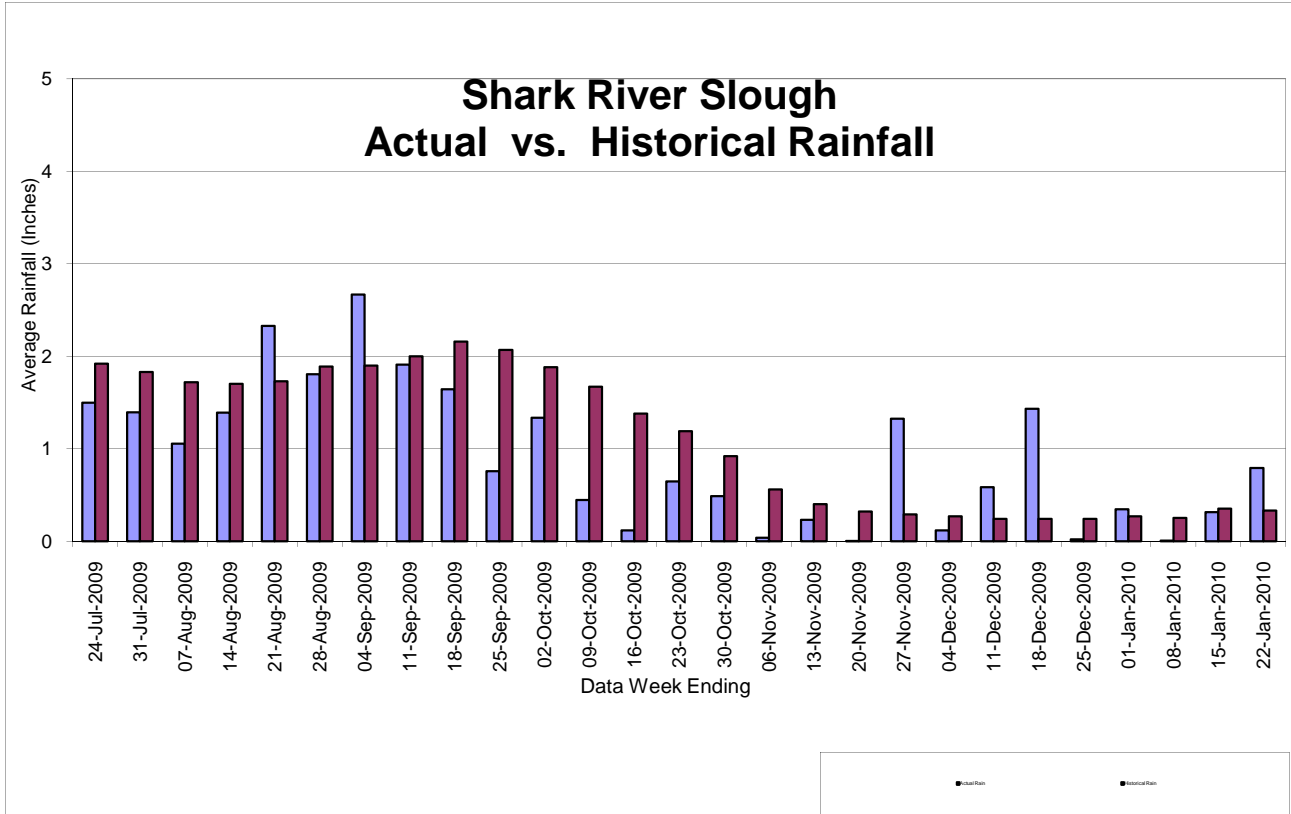
----- Statistical Parameters -----

Rainfall Formula Amount 192 cfs
 Last Week's Rainfall Formula 170 cfs
 Pre-Project Mean Discharge 153 cfs

Rainfall Excess Terms
RL1 0.56 RL2 0.69 RL3 0.92

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 19, 2010 to January 25, 2010 170 cfs

S-12 Discharge 76 cfs
 S-333 Discharge 93 cfs

----- Data Summary -----
 January 8, 2010 to January 15, 2010
 WCA-3A Stage (end of week) 10.08 ft. msl
 Angel's 5.42 ft. msl
 G3273 6.01 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.29	0.59
S-8	0.25	
S-9	0.44	
S-140	0.27	0.64
S-12D	M	
S-336	M	
ENP	0.31	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.31	0.62
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 0.32 feet
 Distance to Bottom of Regulatory Zone 0.67 feet

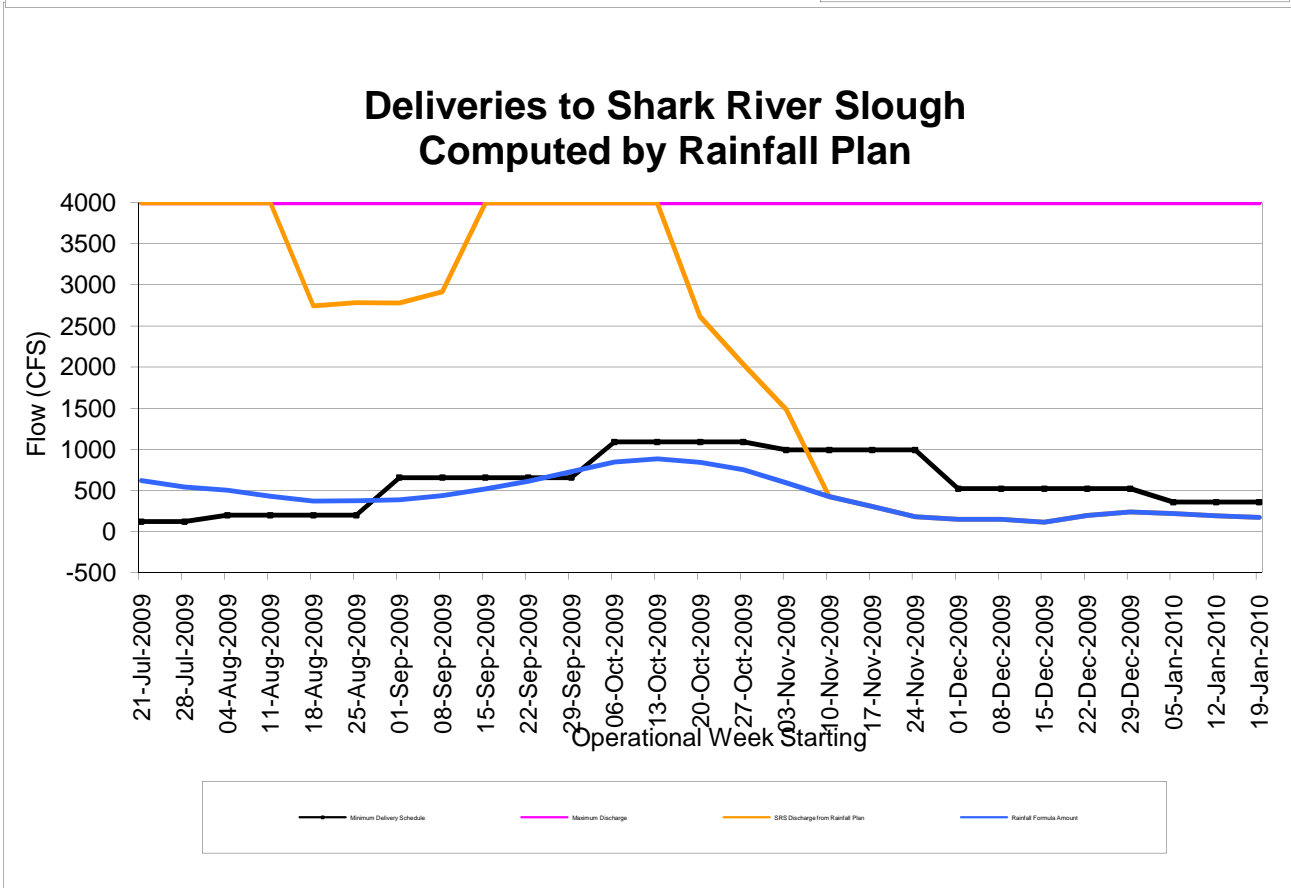
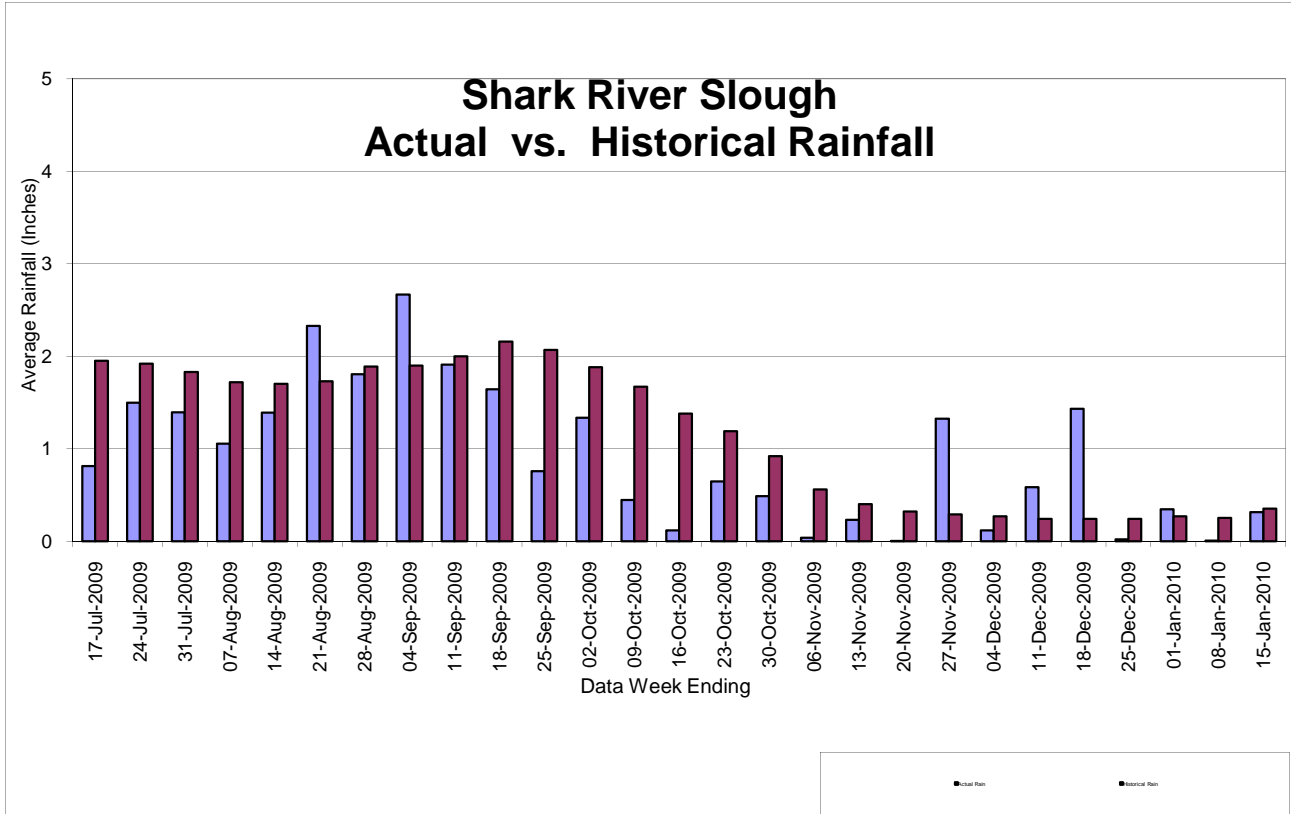
----- Statistical Parameters -----

Rainfall Formula Amount 170 cfs
 Last Week's Rainfall Formula 190 cfs
 Pre-Project Mean Discharge 186 cfs

Rainfall Excess Terms
RL1 -0.12 RL2 1.32 RL3 0.15

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 12, 2010 to January 18, 2010 190 cfs

S-12 Discharge 86 cfs
 S-333 Discharge 105 cfs

----- Data Summary -----
 January 1, 2010 to January 8, 2010
 WCA-3A Stage (end of week) 10.11 ft. msl
 Angel's 5.50 ft. msl
 G3273 6.10 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.01	0.80
S-8	0.00	
S-9	0.00	
S-140	0.01	0.71
S-12D	0.00	
S-336	0.01	
ENP	0.00	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
<hr/>		
This Week's Avg	0.00	0.76
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 0.34 feet
 Distance to Bottom of Regulatory Zone 0.64 feet

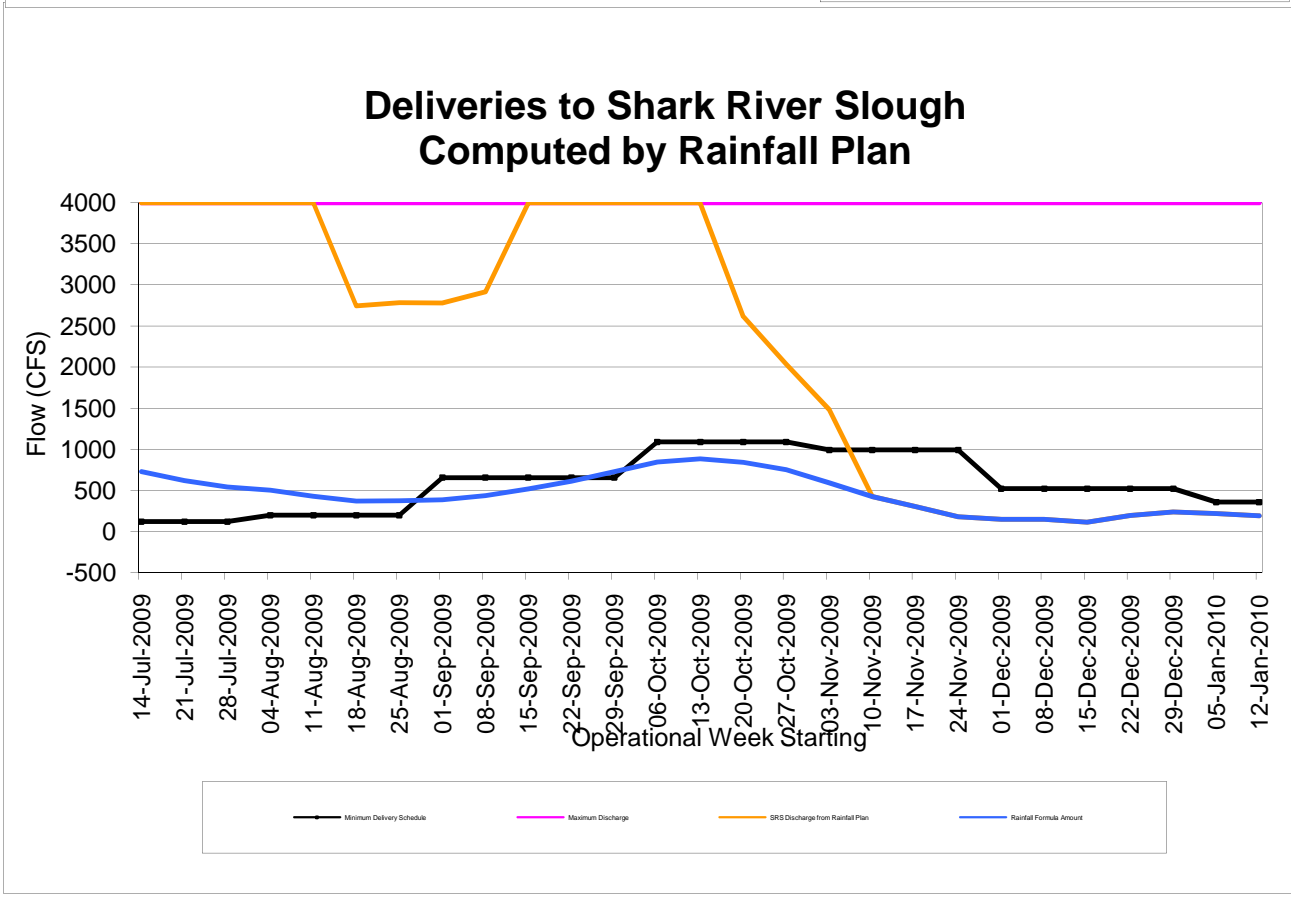
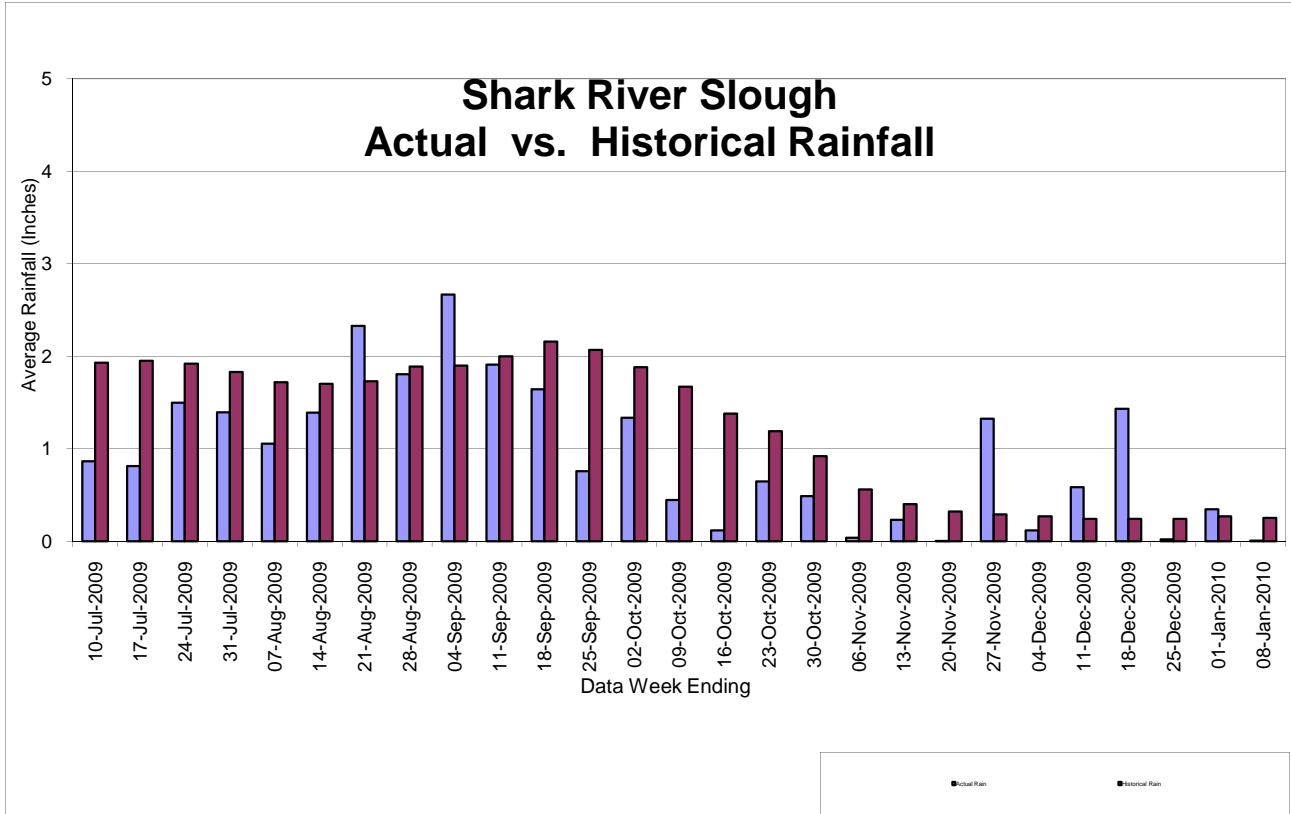
----- Statistical Parameters -----

Rainfall Formula Amount 190 cfs
 Last Week's Rainfall Formula 217 cfs
 Pre-Project Mean Discharge 216 cfs

Rainfall Excess Terms
RL1 -0.20
RL2 1.17
RL3 -0.41

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 5, 2010 to January 11, 2010 217 cfs

S-12 Discharge 98 cfs
 S-333 Discharge 119 cfs

----- Data Summary ----- December 25, 2009 to January 1, 2010
 WCA-3A Stage (end of week) 10.16 ft. msl
 Angel's 5.68 ft. msl
 G3273 6.28 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.33	0.71
S-8	0.45	
S-9	0.22	
S-140	0.29	0.88
S-12D	0.29	
S-336	0.20	
ENP	0.64	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
<hr/>		
This Week's Avg	0.35	0.80
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 0.33 feet
 Distance to Bottom of Regulatory Zone 0.59 feet

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

Rainfall Formula Amount 217 cfs
 Last Week's Rainfall Formula 237 cfs
 Pre-Project Mean Discharge 247 cfs

Rainfall Excess Terms
RL1 -0.25 RL2 2.50 RL3 -2.04

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.**

