

## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 6, 2004 to January 12, 2004 **201 cfs**

S-12 Discharge 91 cfs  
 S-333 Discharge 111 cfs

----- Data Summary ----- December 26, 2003 to **January 2, 2004**  
 WCA-3A Stage (end of week) 10.28 ft. msl  
 Angel's 5.87 ft. msl  
 G3273 6.76 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	0.92
S-8	0.00	
S-9	0.00	
S-140	0.00	1.30
S-12D	0.01	
S-336	0.00	
ENP	0.03	M
Gage 63	0.01	
Gage 64	0.06	
Gage 65	0.05	
This Week's Avg	0.02	1.11
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 0.21 feet  
 Distance to Bottom of Regulatory Zone 0.47 feet

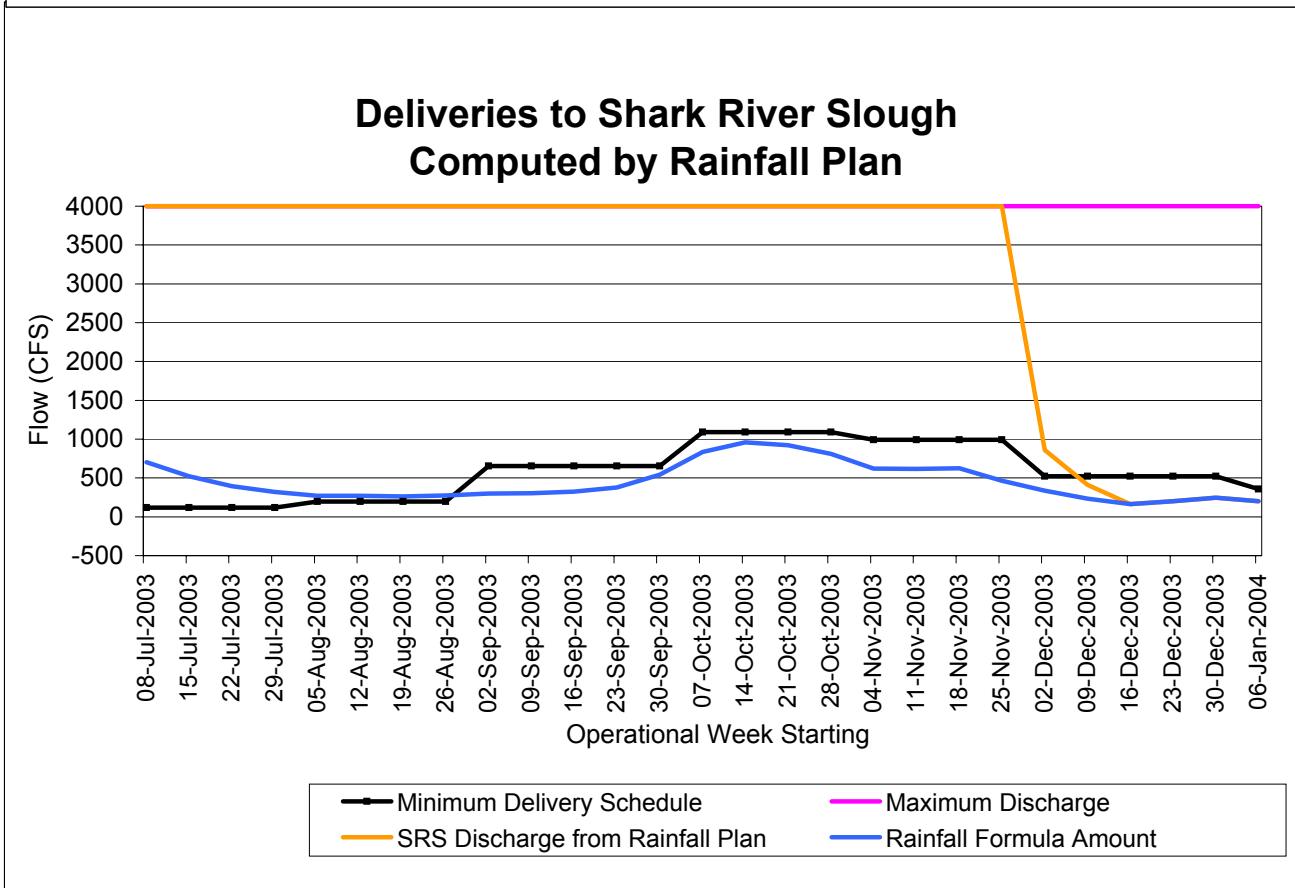
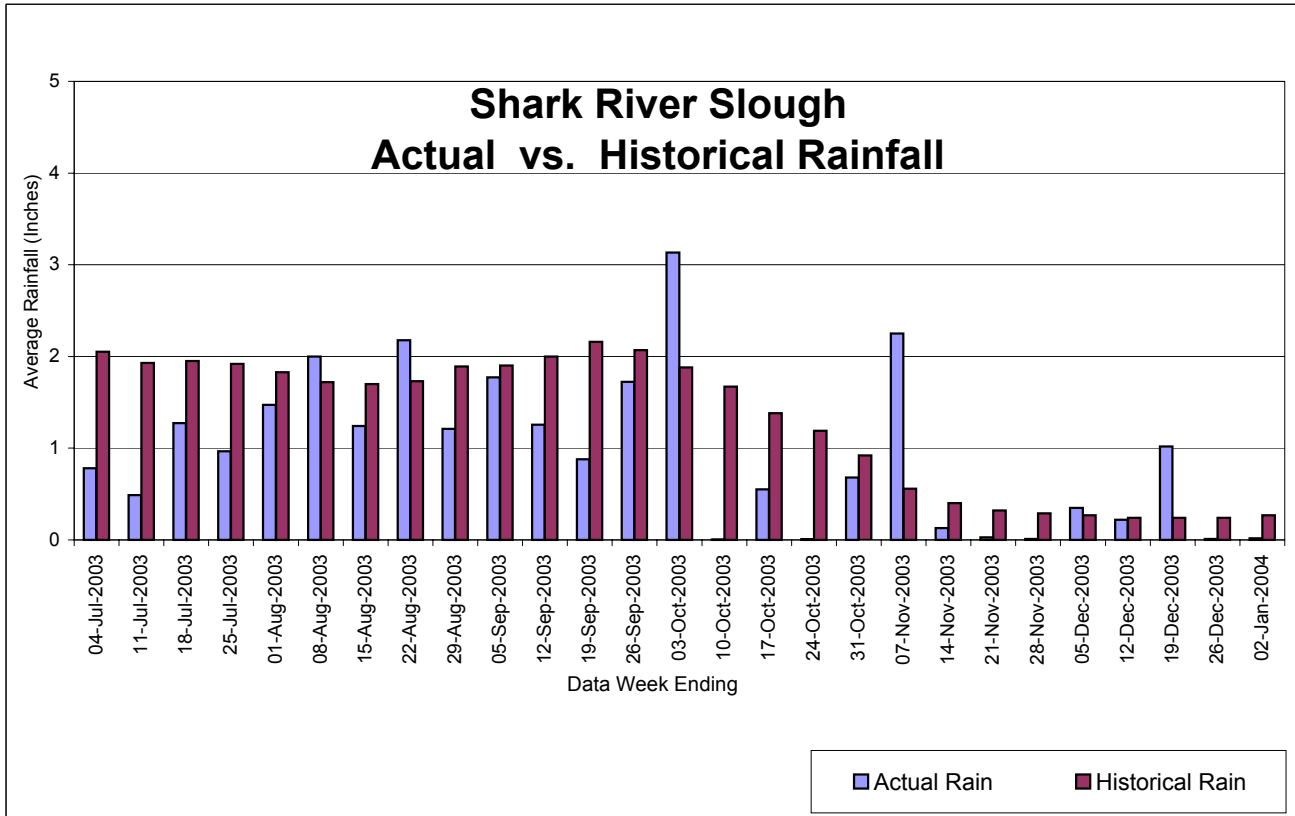
----- Statistical Parameters -----

Rainfall Formula Amount 201 cfs  
 Last Week's Rainfall Formula 246 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 **-0.43** RL2 **0.56** RL3 **0.53**

**COMMENT:** Enp pan evaporation is missing. S-7 and S-140 data used.

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 13, 2004 to January 19, 2004 154 cfs

S-12 Discharge 69 cfs  
 S-333 Discharge 85 cfs

----- Data Summary -----  
 January 2, 2004 to January 9, 2004  
 WCA-3A Stage (end of week) 10.16 ft. msl  
 Angel's 5.78 ft. msl  
 G3273 6.64 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.02	0.47
S-8	0.00	
S-9	0.00	
S-140	0.00	0.81
S-12D	0.00	
S-336	0.00	
ENP	0.01	0.51
Gage 63	0.01	
Gage 64	0.00	
Gage 65	0.00	
This Week's Avg	0.00	0.60
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 0.28 feet  
 Distance to Bottom of Regulatory Zone 0.59 feet

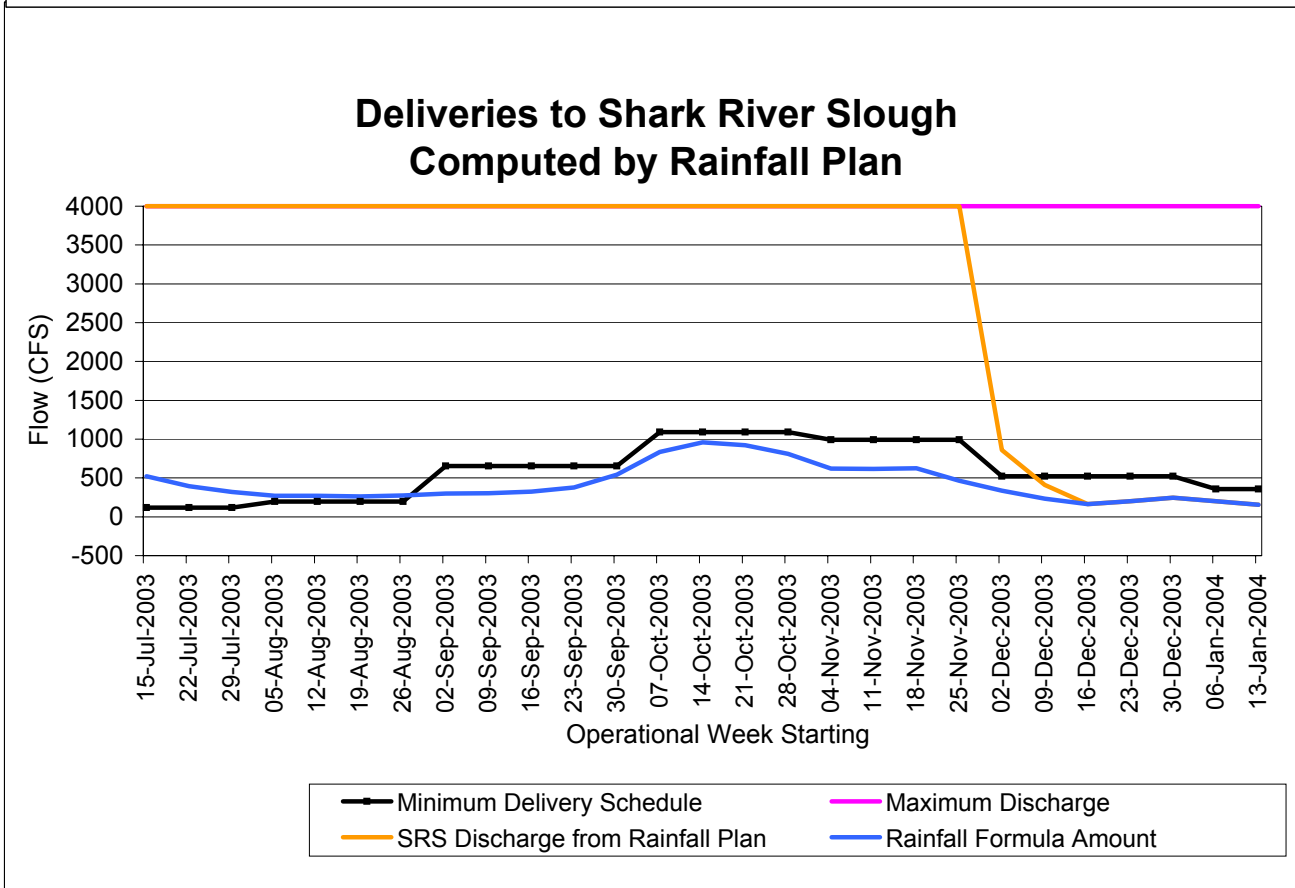
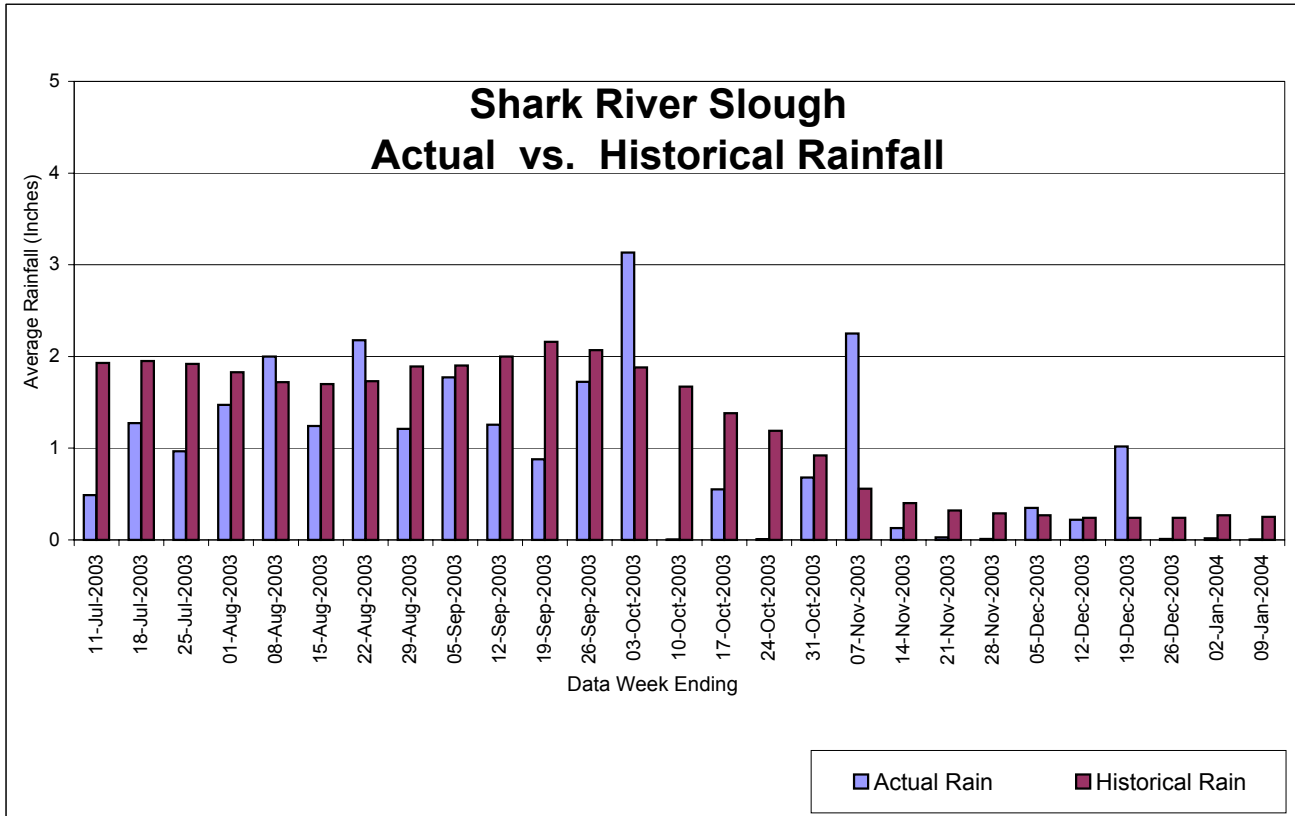
----- Statistical Parameters -----

Rainfall Formula Amount 154 cfs  
 Last Week's Rainfall Formula 201 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 -0.65 RL2 0.82 RL3 0.79

COMMENT:

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 20, 2004 to January 26, 2004 117 cfs

S-12 Discharge 52 cfs  
 S-333 Discharge 64 cfs

----- Data Summary -----  
 January 9, 2004 to January 16, 2004  
 WCA-3A Stage (end of week) 10.07 ft. msl  
 Angel's 5.63 ft. msl  
 G3273 6.48 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.04	0.69
S-8	0.00	
S-9	0.12	
S-140	0.00	0.74
S-12D	0.01	
S-336	0.00	
ENP	0.00	0.70
Gage 63	0.00	
Gage 64	0.00	
Gage 65	0.00	
This Week's Avg	0.02	0.71
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 0.68 feet

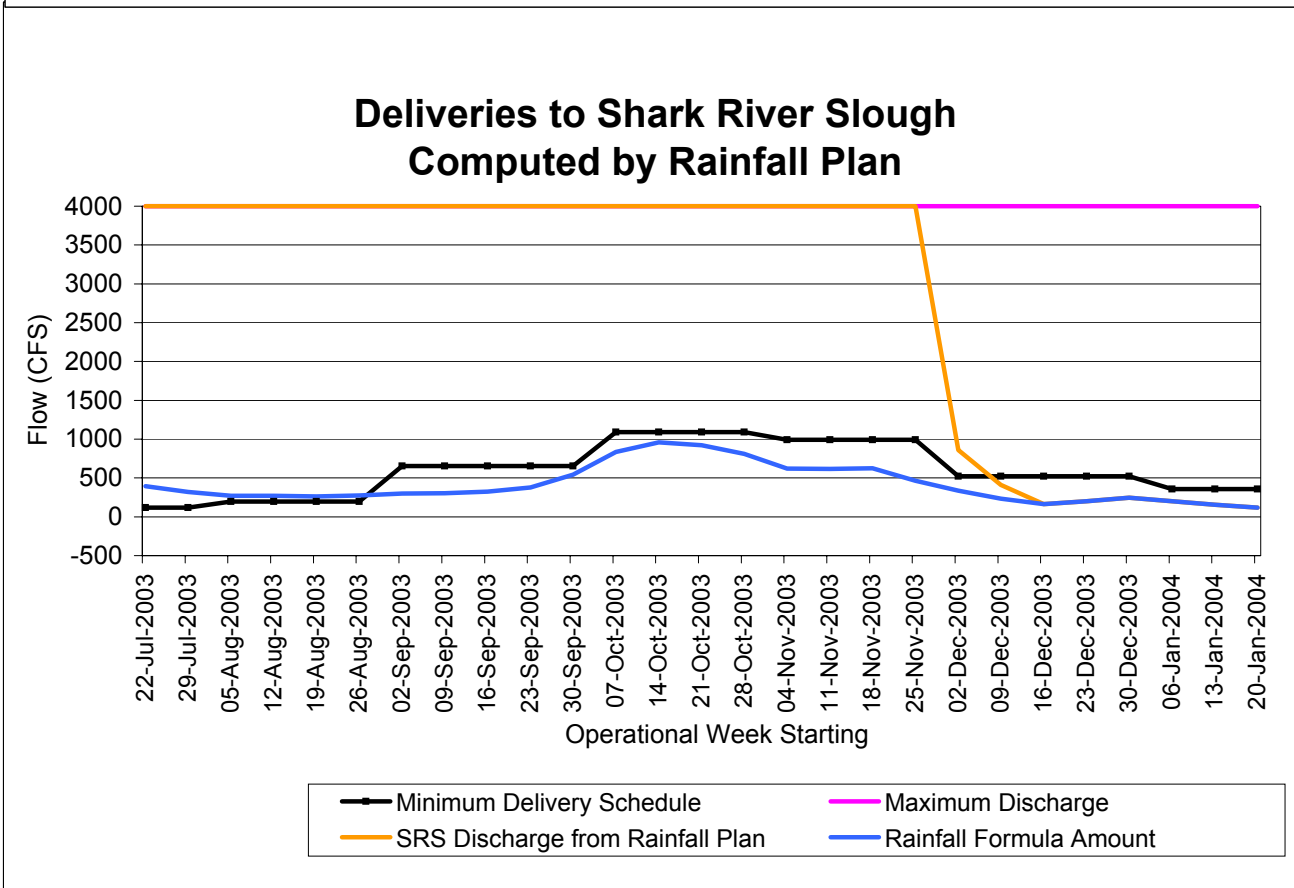
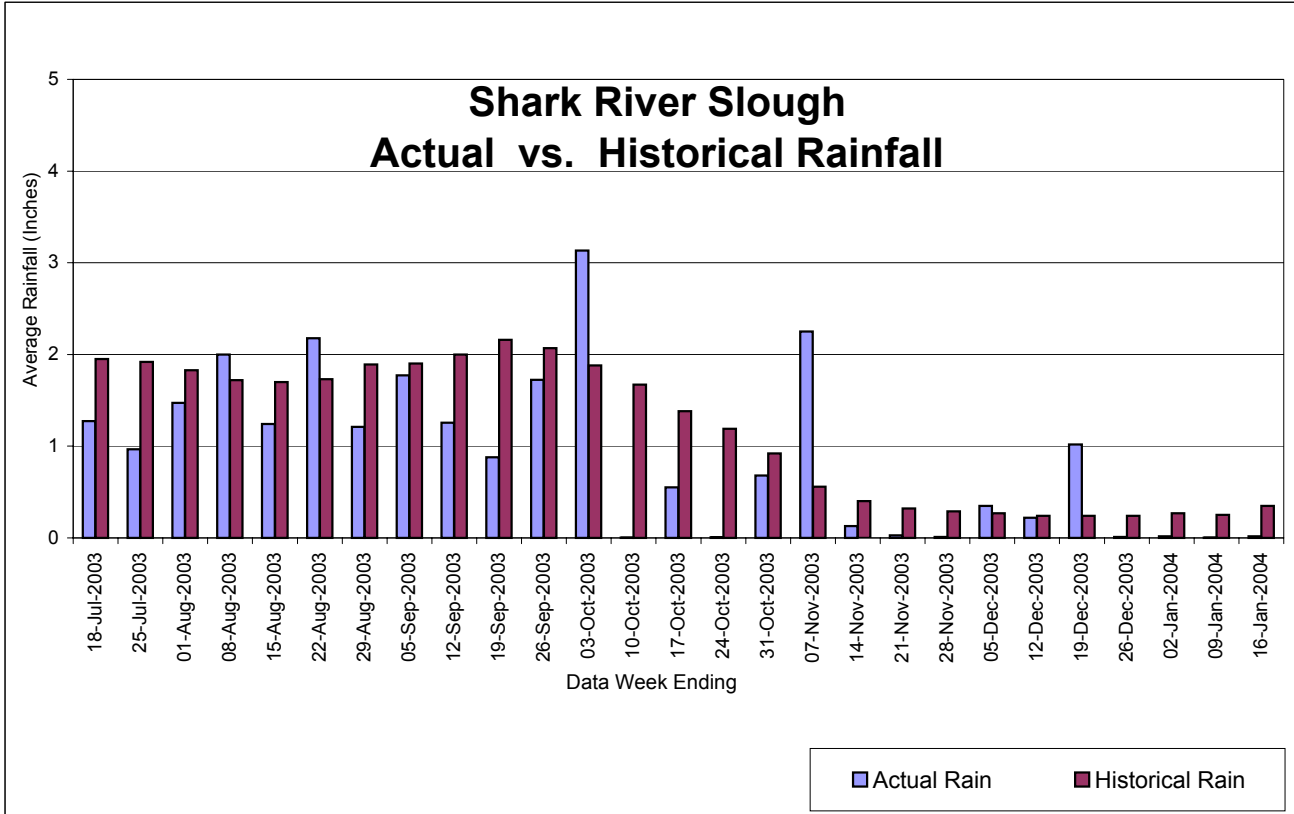
----- Statistical Parameters -----

Rainfall Formula Amount 117 cfs  
 Last Week's Rainfall Formula 154 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 -0.36 RL2 0.57 RL3 -1.35

COMMENT:

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 27, 2004 to February 2, 2004 127 cfs

S-12 Discharge 57 cfs  
 S-333 Discharge 70 cfs

----- Data Summary -----  
 January 16, 2004 to January 23, 2004  
 WCA-3A Stage (end of week) 10.06 ft. msl  
 Angel's 5.59 ft. msl  
 G3273 6.44 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.77	0.49
S-8	0.60	
S-9	0.39	
S-140	1.30	0.99
S-12D	1.01	
S-336	0.81	
ENP	M	M
Gage 63	0.70	
Gage 64	0.73	
Gage 65	1.66	
This Week's Avg	0.89	0.74
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 0.29 feet  
 Distance to Bottom of Regulatory Zone 0.69 feet

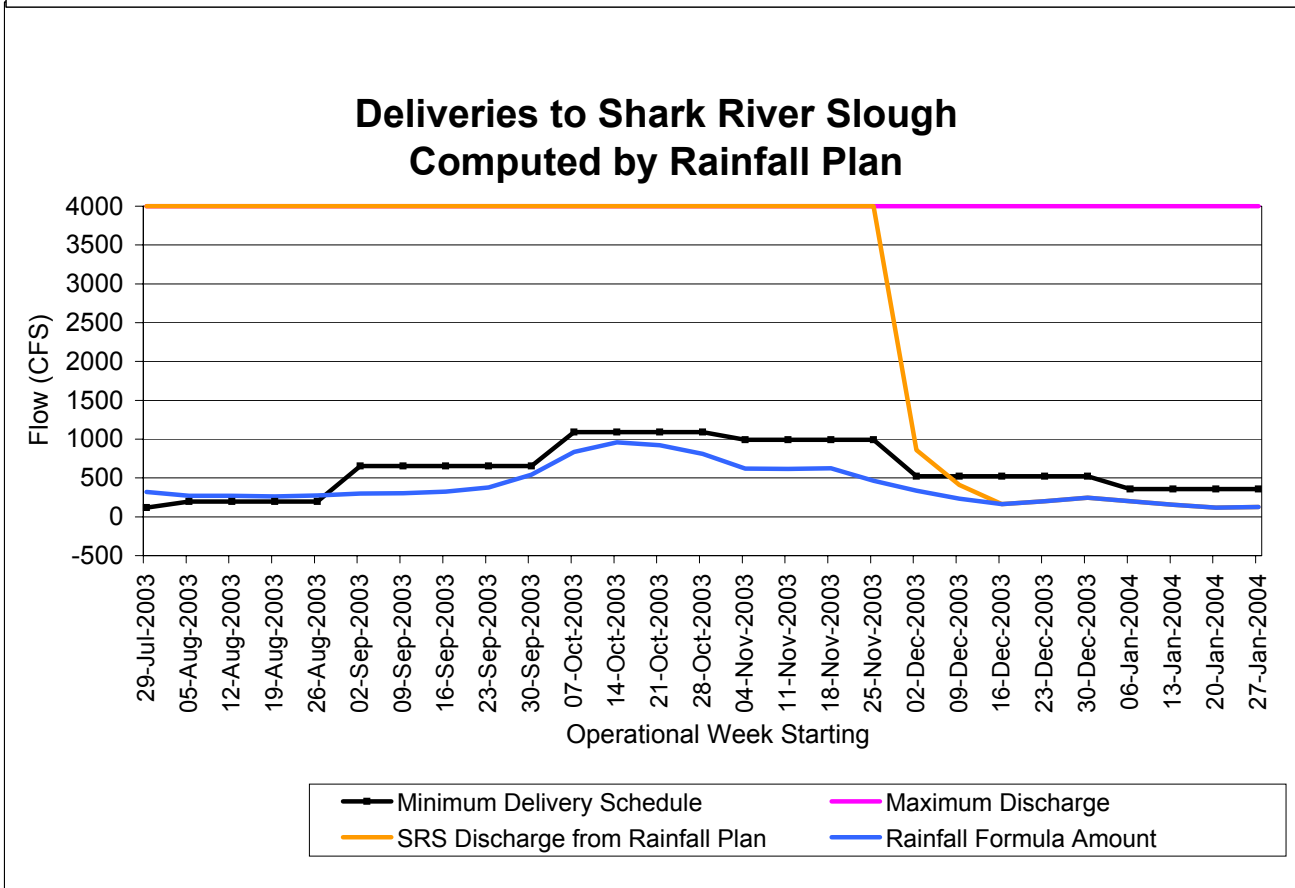
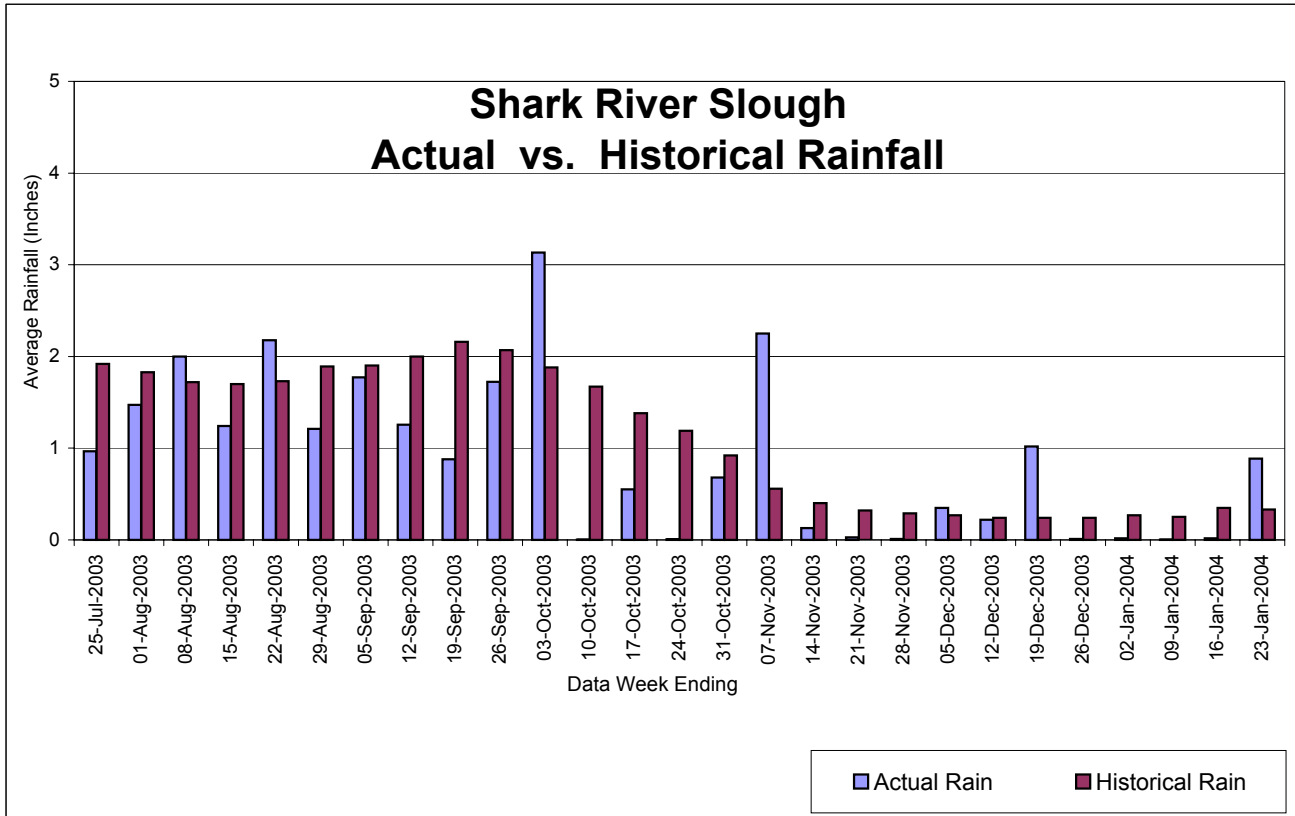
----- Statistical Parameters -----

Rainfall Formula Amount 127 cfs  
 Last Week's Rainfall Formula 117 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 0.37 RL2 0.42 RL3 -0.81

**COMMENT:** Enp pan evaporation is missing. S-7 and S-140 data used.

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





## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 3, 2004 to February 9, 2004 **191 cfs**

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

----- Data Summary ----- January 23, 2004 to **January 30, 2004**  
 WCA-3A Stage (end of week) 10.03 ft. msl  
 Angel's 5.46 ft. msl  
 G3273 6.34 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.91	M
S-8	1.07	
S-9	0.56	
S-140	0.09	0.87
S-12D	0.72	
S-336	0.84	
ENP	M	M
Gage 63	1.08	
Gage 64	1.22	
Gage 65	1.26	
This Week's Avg	0.86	0.87
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 0.27 feet  
 Distance to Bottom of Regulatory Zone 0.72 feet

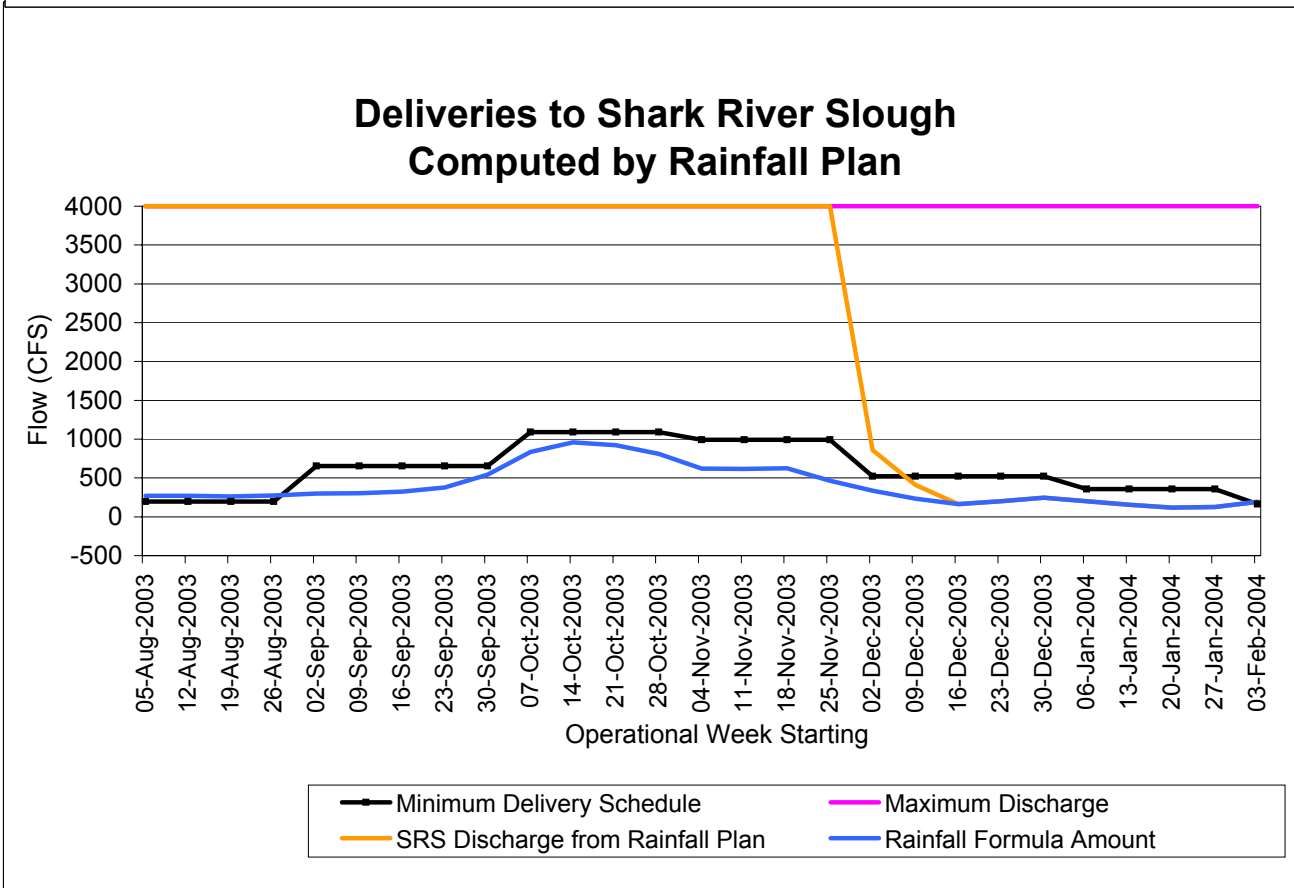
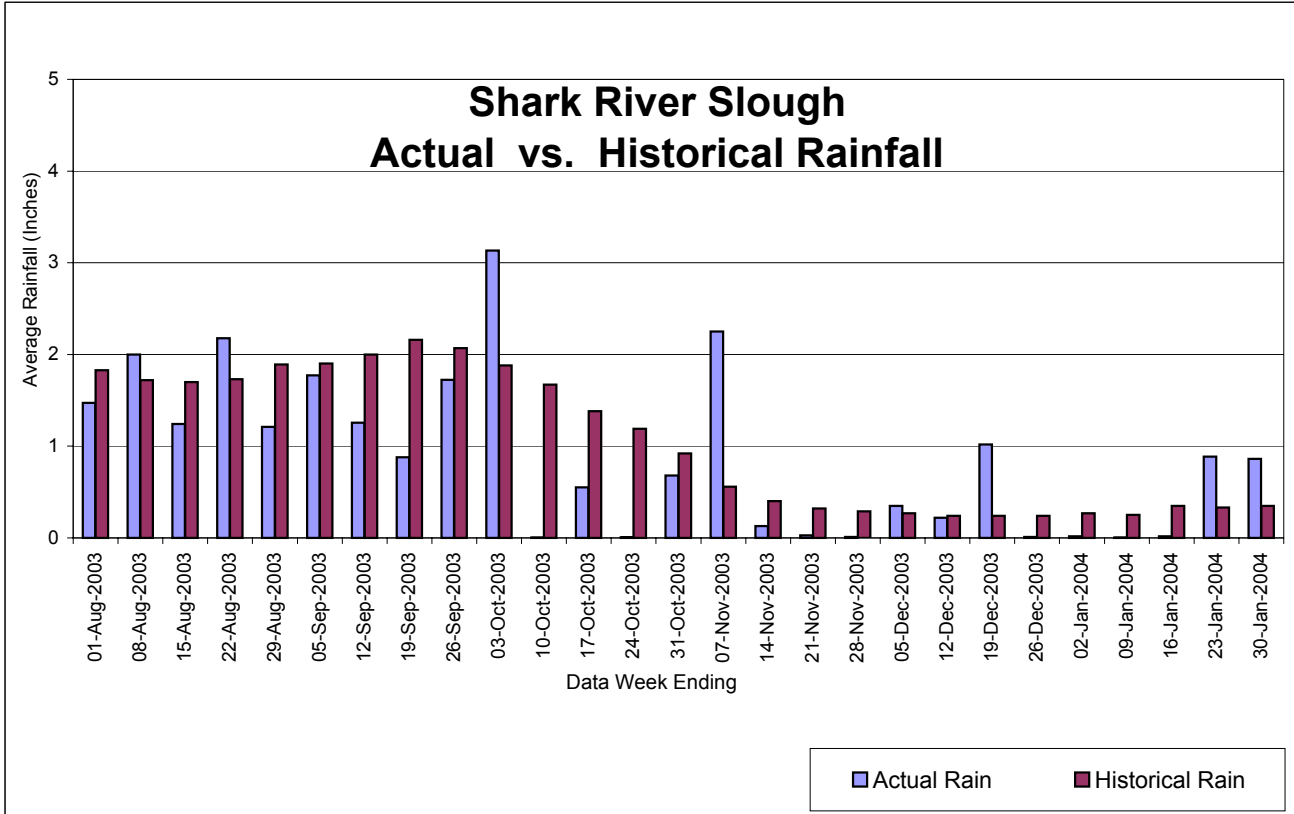
----- Statistical Parameters -----

Rainfall Formula Amount 191 cfs  
 Last Week's Rainfall Formula 127 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 **1.15** RL2 **-0.79** RL3 **0.56**

**COMMENT: S-7 and Enp pan evaporation is missing. Only S-140 data used.**

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 10, 2004 to February 16, 2004 297 cfs

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

----- Data Summary -----  
 January 30, 2004 to February 6, 2004  
 WCA-3A Stage (end of week) 10.18 ft. msl  
 Angel's 6.00 ft. msl  
 G3273 6.68 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.56	0.64
S-8	0.35	
S-9	1.86	
S-140	0.53	0.97
S-12D	M	
S-336	2.27	
ENP	2.46	0.69
Gage 63	1.09	
Gage 64	1.95	
Gage 65	2.14	
This Week's Avg	1.47	0.77
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 0.07 feet  
 Distance to Bottom of Regulatory Zone 0.57 feet

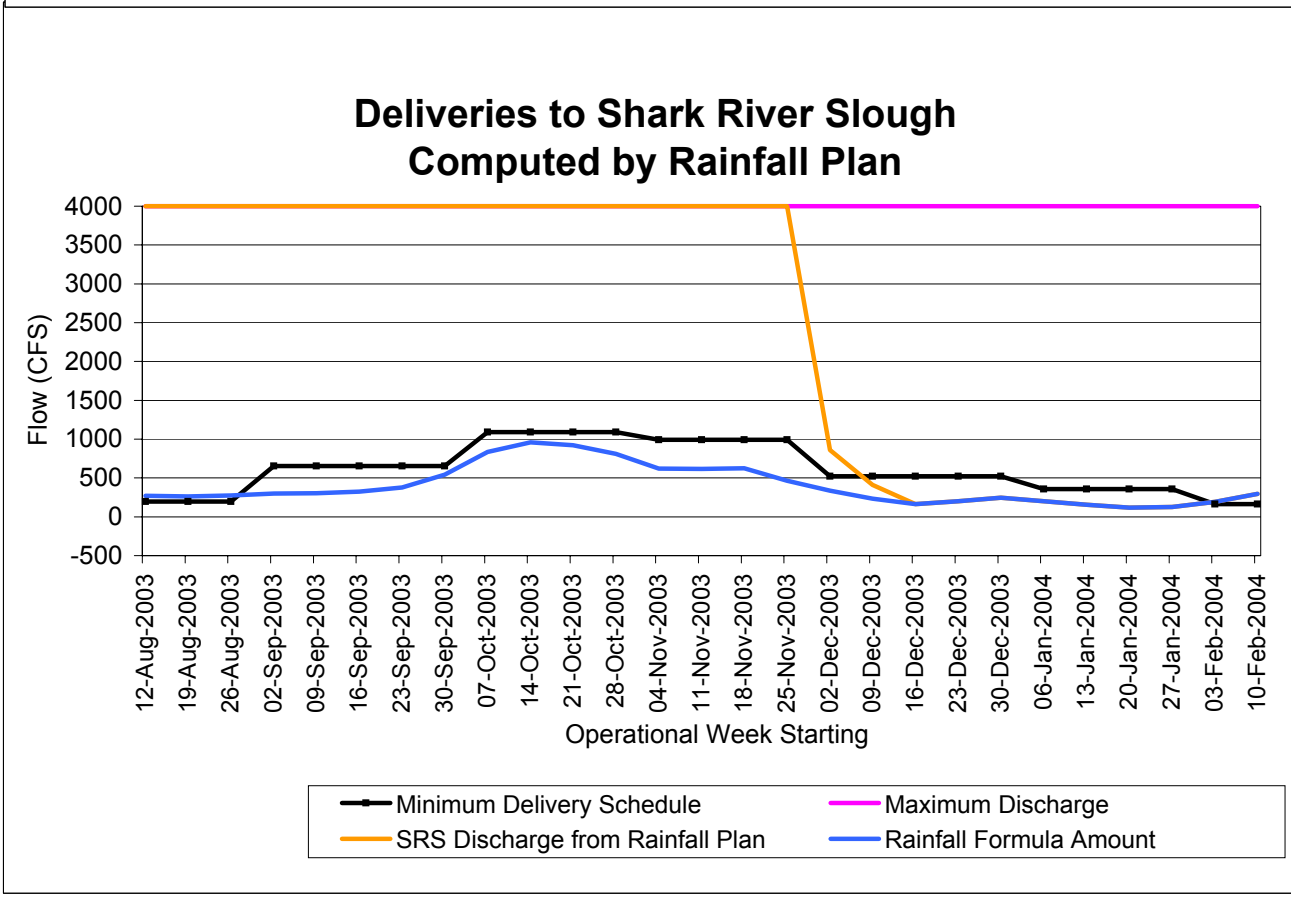
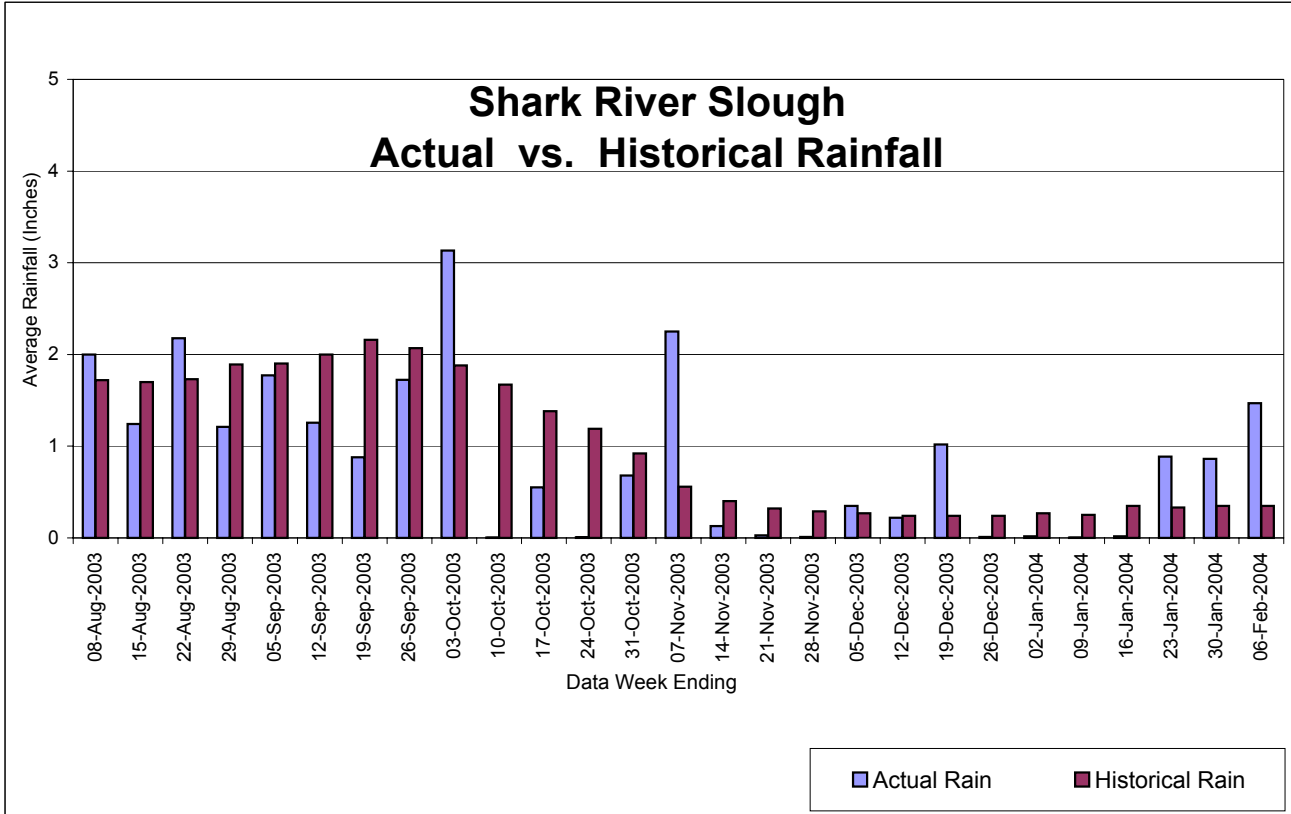
----- Statistical Parameters -----

Rainfall Formula Amount 297 cfs  
 Last Week's Rainfall Formula 191 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 1.78 RL2 -0.27 RL3 0.82

COMMENT:

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 17, 2004 to February 23, 2004 344 cfs

S-12 Discharge 155 cfs  
 S-333 Discharge 189 cfs

----- Data Summary -----  
 February 6, 2004 to February 13, 2004  
 WCA-3A Stage (end of week) 10.09 ft. msl  
 Angel's 5.69 ft. msl  
 G3273 6.56 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.05	0.85
S-8	0.01	
S-9	0.00	
S-140	0.00	1.23
S-12D	0.17	
S-336	0.02	
ENP	0.08	0.87
Gage 63	0.00	
Gage 64	0.13	
Gage 65	0.41	
This Week's Avg	0.09	0.98
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 0.12 feet  
 Distance to Bottom of Regulatory Zone 0.62 feet

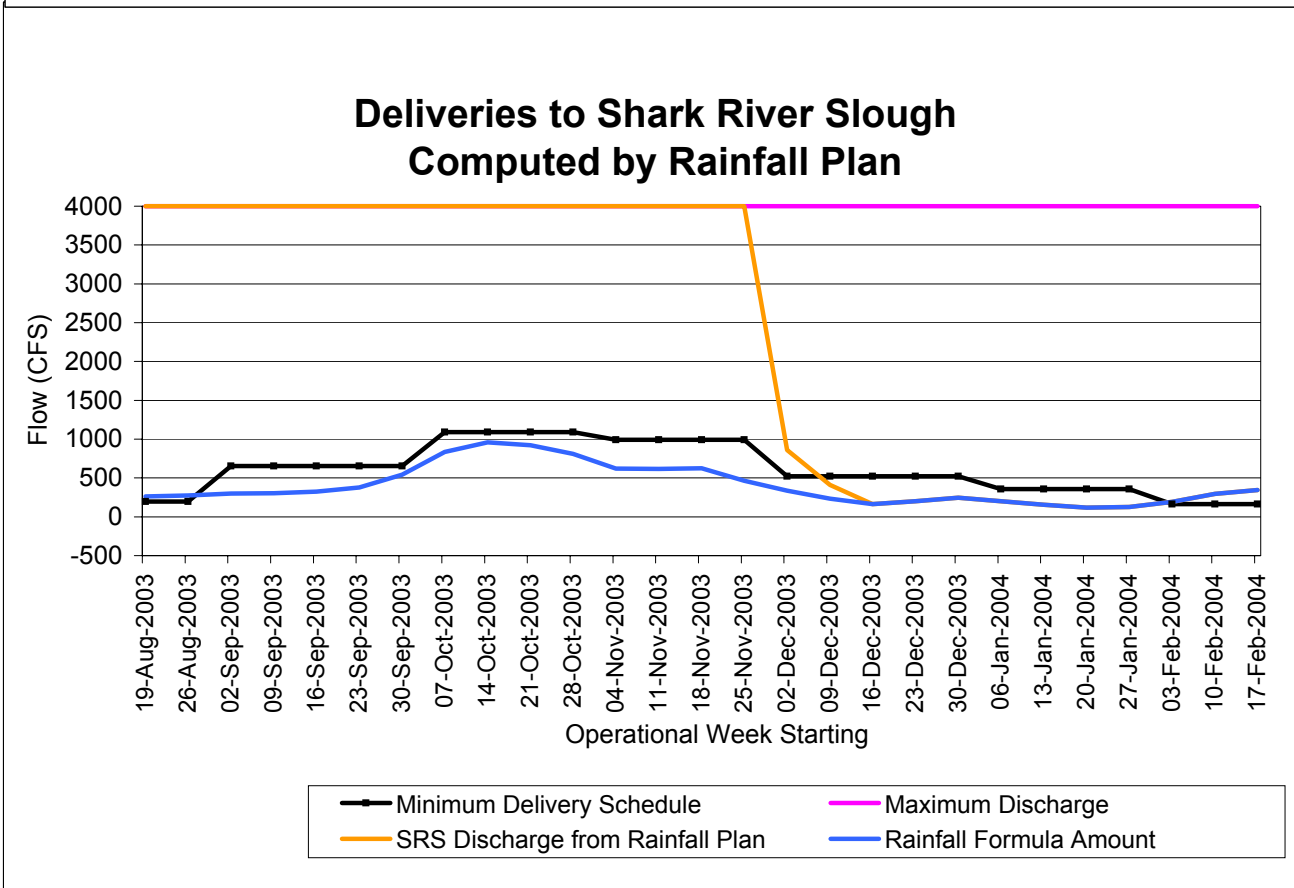
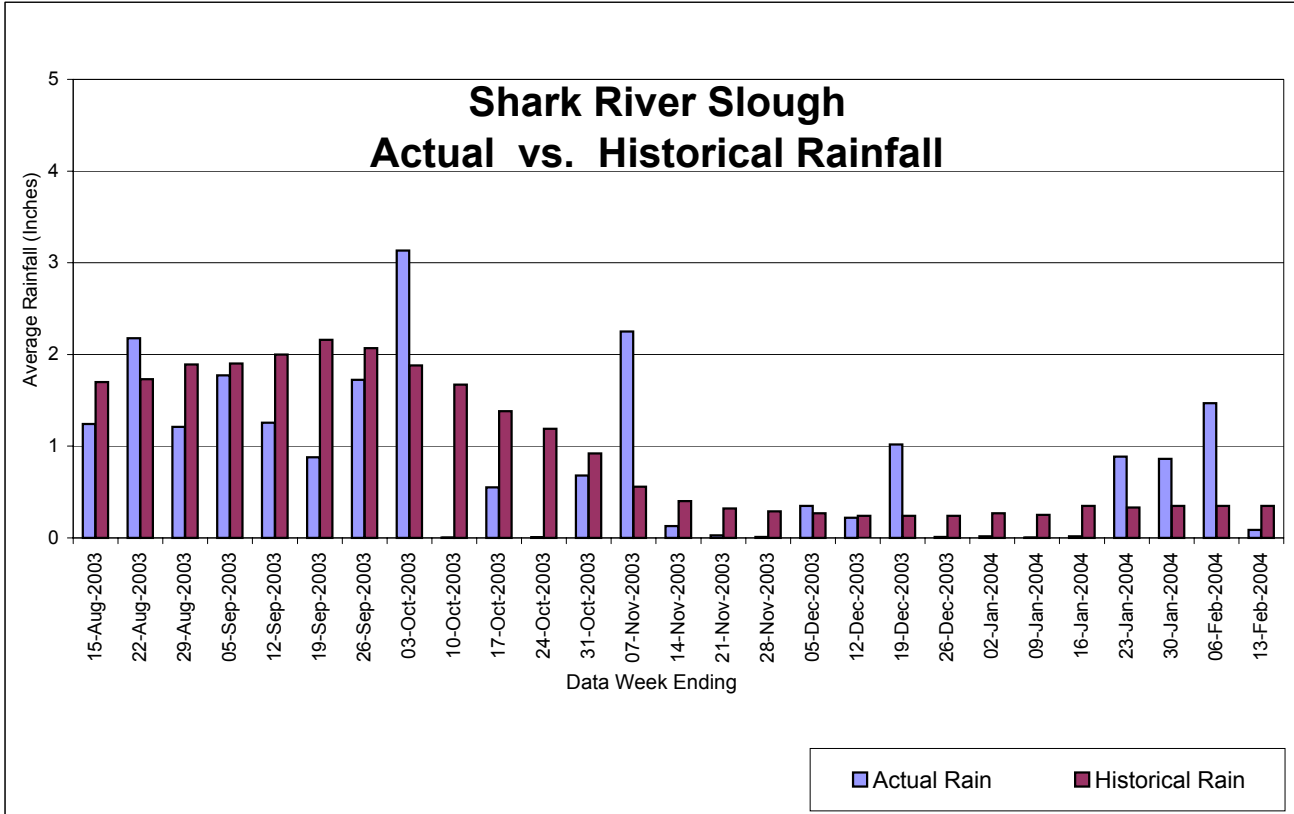
----- Statistical Parameters -----

Rainfall Formula Amount 344 cfs  
 Last Week's Rainfall Formula 297 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 1.01 RL2 0.79 RL3 0.57

COMMENT:

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 24, 2004 to March 1, 2004 319 cfs

S-12 Discharge 143 cfs  
 S-333 Discharge 175 cfs

----- Data Summary ----- February 13, 2004 to February 20, 2004  
 WCA-3A Stage (end of week) 9.98 ft. msl  
 Angel's 5.45 ft. msl  
 G3273 6.36 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.03	0.91
S-8	0.32	
S-9	0.18	
S-140	0.31	0.98
S-12D	0.14	
S-336	0.34	
ENP	0.25	0.82
Gage 63	0.21	
Gage 64	0.18	
Gage 65	1.40	
This Week's Avg	0.34	0.90
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 0.18 feet  
 Distance to Bottom of Regulatory Zone 0.68 feet

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

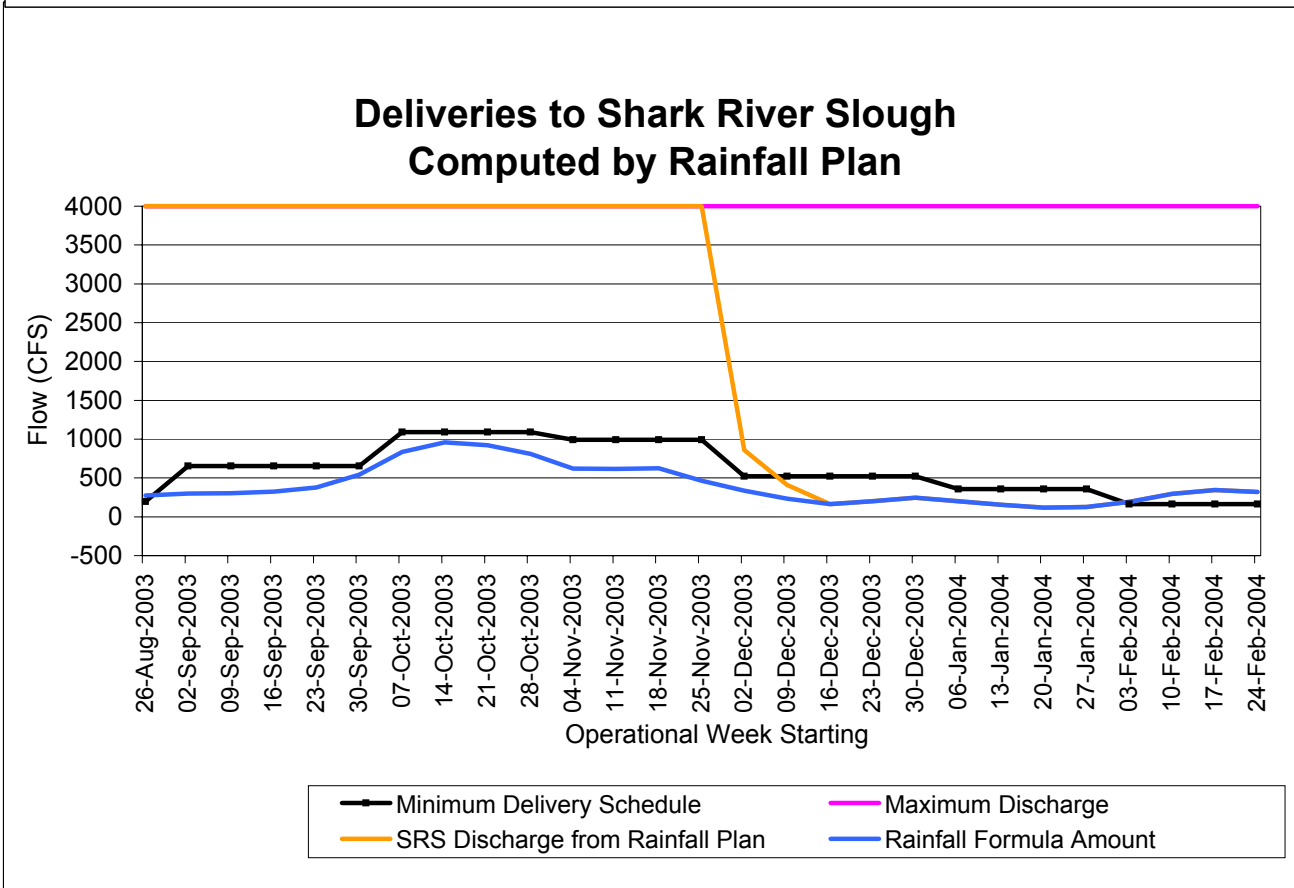
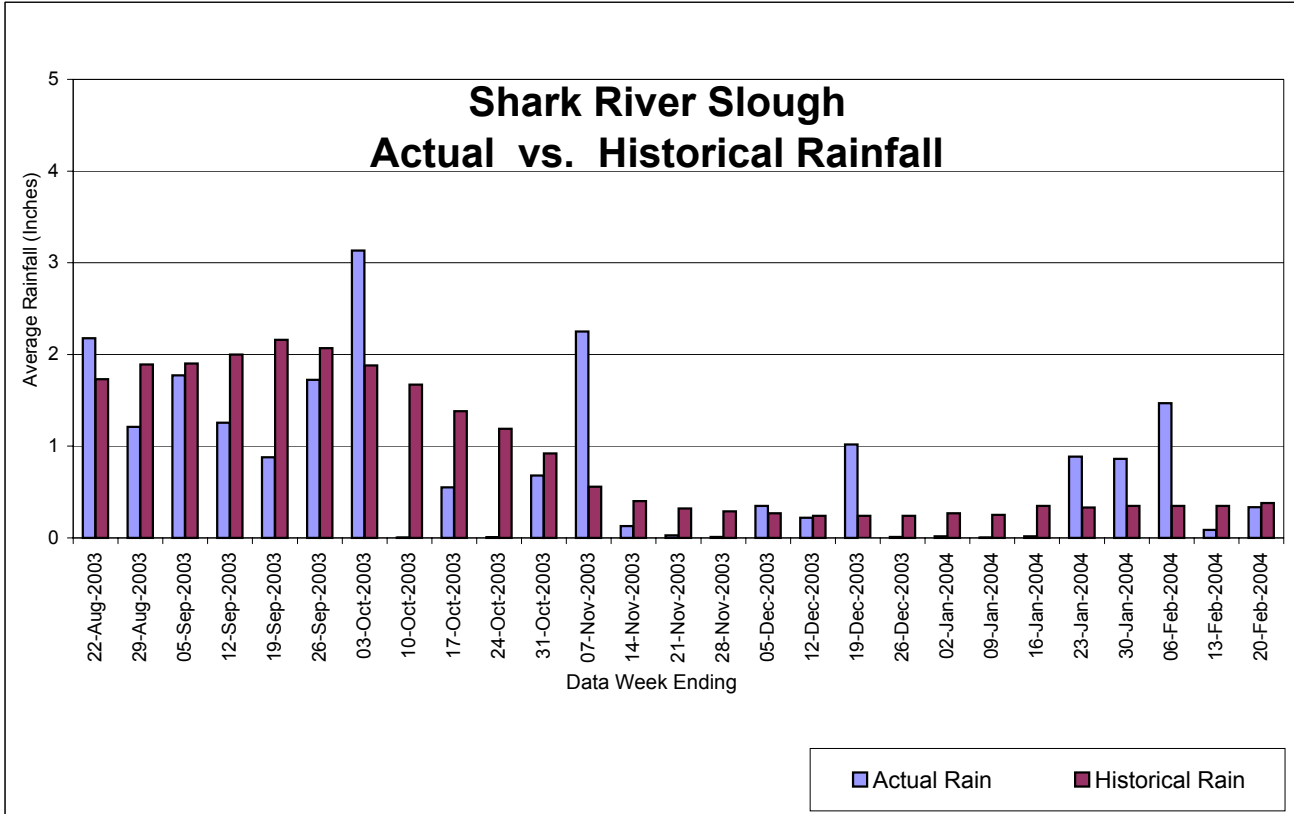
Rainfall Formula Amount 319 cfs  
 Last Week's Rainfall Formula 344 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms

RL1 -0.14	RL2 2.15	RL3 0.42
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COMMENT:

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





## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 2, 2004 to March 8, 2004 414 cfs

S-12 Discharge 186 cfs  
 S-333 Discharge 227 cfs

----- Data Summary ----- February 20, 2004 to February 27, 2004  
 WCA-3A Stage (end of week) 9.98 ft. msl  
 Angel's 6.33 ft. msl  
 G3273 6.51 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.83	M
S-8	1.44	
S-9	1.04	
S-140	2.78	1.27
S-12D	1.75	
S-336	1.88	
ENP	3.14	M
Gage 63	1.56	
Gage 64	2.68	
Gage 65	1.99	
This Week's Avg	2.01	1.27
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 0.14 feet  
 Distance to Bottom of Regulatory Zone 0.64 feet

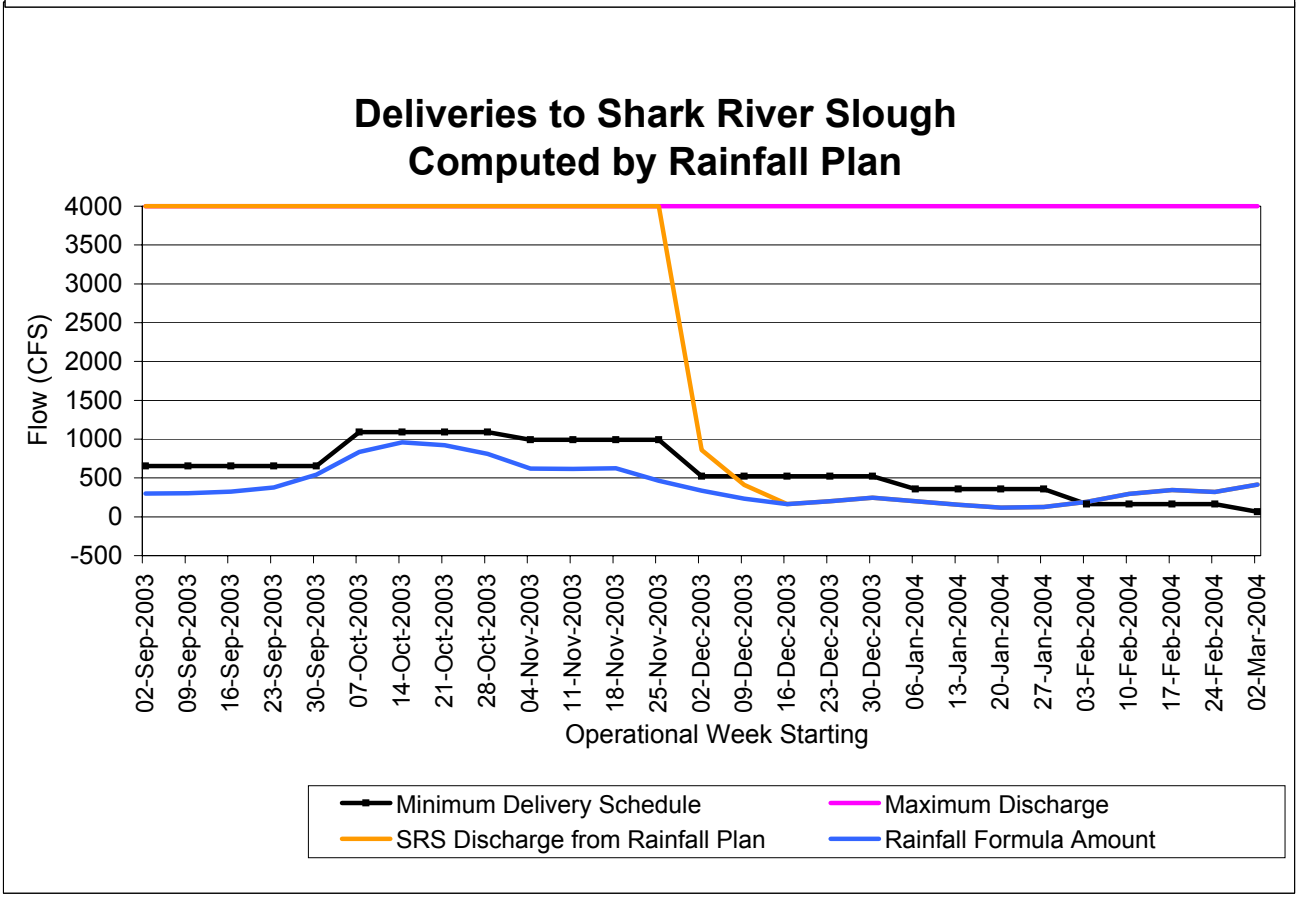
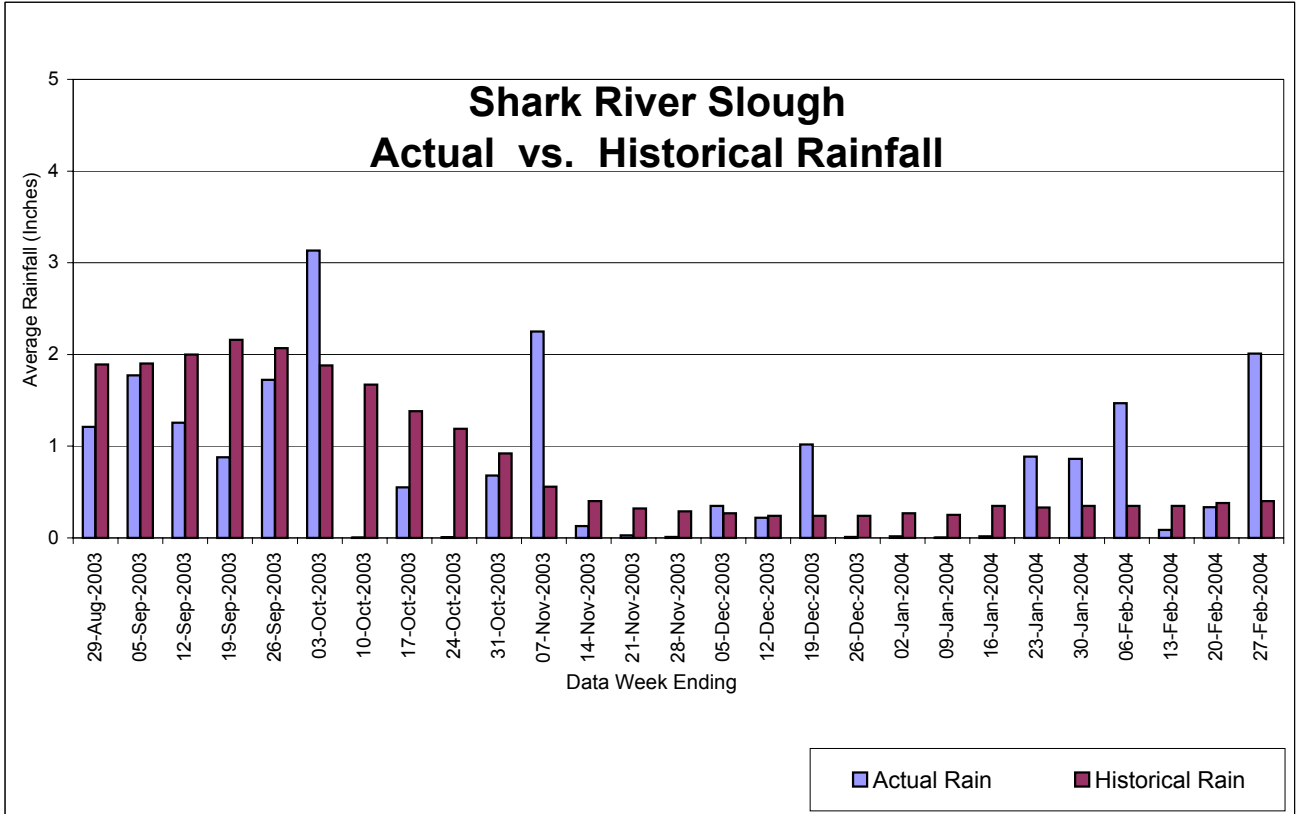
----- Statistical Parameters -----

Rainfall Formula Amount 414 cfs  
 Last Week's Rainfall Formula 319 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 1.61 RL2 2.16 RL3 -0.79

COMMENT: S-140 Data only used. S-7 and ENP Pan Evaporation is missing.

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 9, 2004 to March 15, 2004 487 cfs

S-12 Discharge 219 cfs  
 S-333 Discharge 268 cfs

----- Data Summary ----- February 27, 2004 to March 5, 2004  
 WCA-3A Stage (end of week) 9.86 ft. msl  
 Angel's 5.68 ft. msl  
 G3273 6.41 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	0.81
S-8	0.00	
S-9	0.67	
S-140	0.00	1.01
S-12D	0.00	
S-336	0.02	
ENP	M	M
Gage 63	0.00	
Gage 64	0.00	
Gage 65	0.00	
This Week's Avg	0.08	0.91
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 0.21 feet  
 Distance to Bottom of Regulatory Zone 0.71 feet

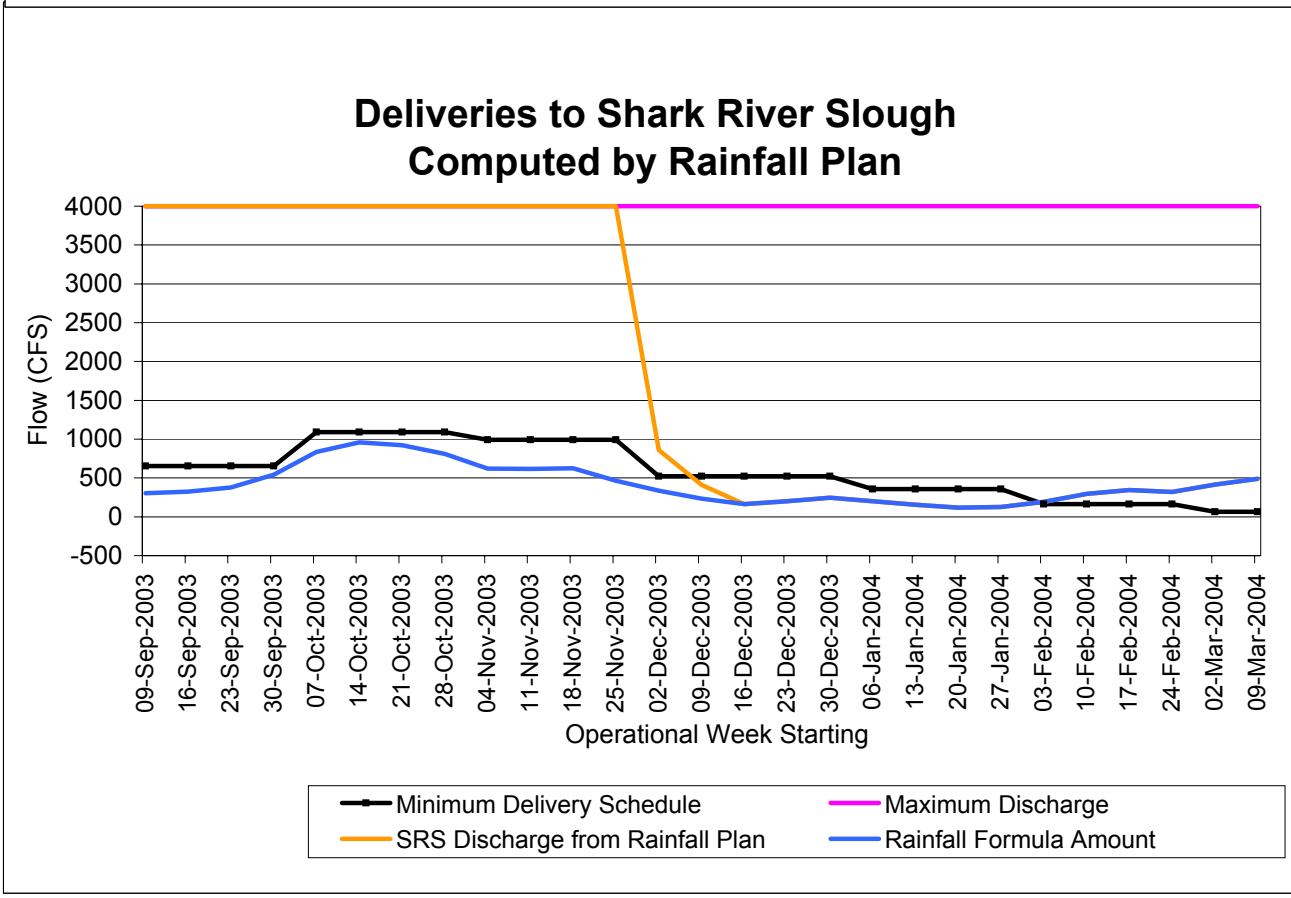
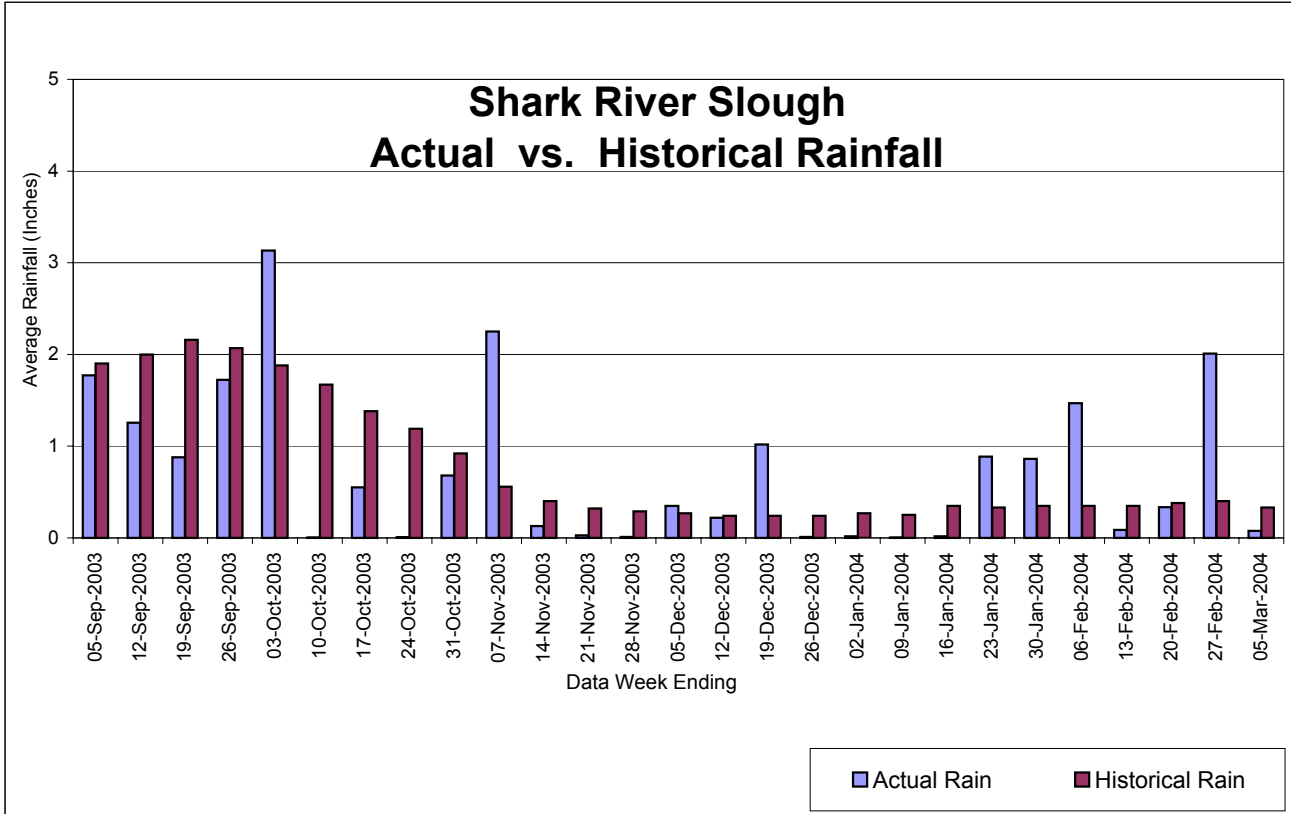
----- Statistical Parameters -----

Rainfall Formula Amount 487 cfs  
 Last Week's Rainfall Formula 414 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 1.51 RL2 1.63 RL3 -0.27

COMMENT: S-140 and S7 Data only used. ENP Pan Evaporation is missing.

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 16, 2004 to March 22, 2004 440 cfs

S-12 Discharge 198 cfs  
 S-333 Discharge 242 cfs

----- Data Summary -----  
 March 5, 2004 to March 12, 2004  
 WCA-3A Stage (end of week) 9.69 ft. msl  
 Angel's 5.47 ft. msl  
 G3273 6.24 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.41
S-8	0.00	
S-9	0.00	
S-140	0.00	1.45
S-12D	0.01	
S-336	0.00	
ENP	0.00	1.17
Gage 63	0.00	
Gage 64	0.00	
Gage 65	0.00	
This Week's Avg	0.00	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 0.33 feet  
 Distance to Bottom of Regulatory Zone 0.83 feet

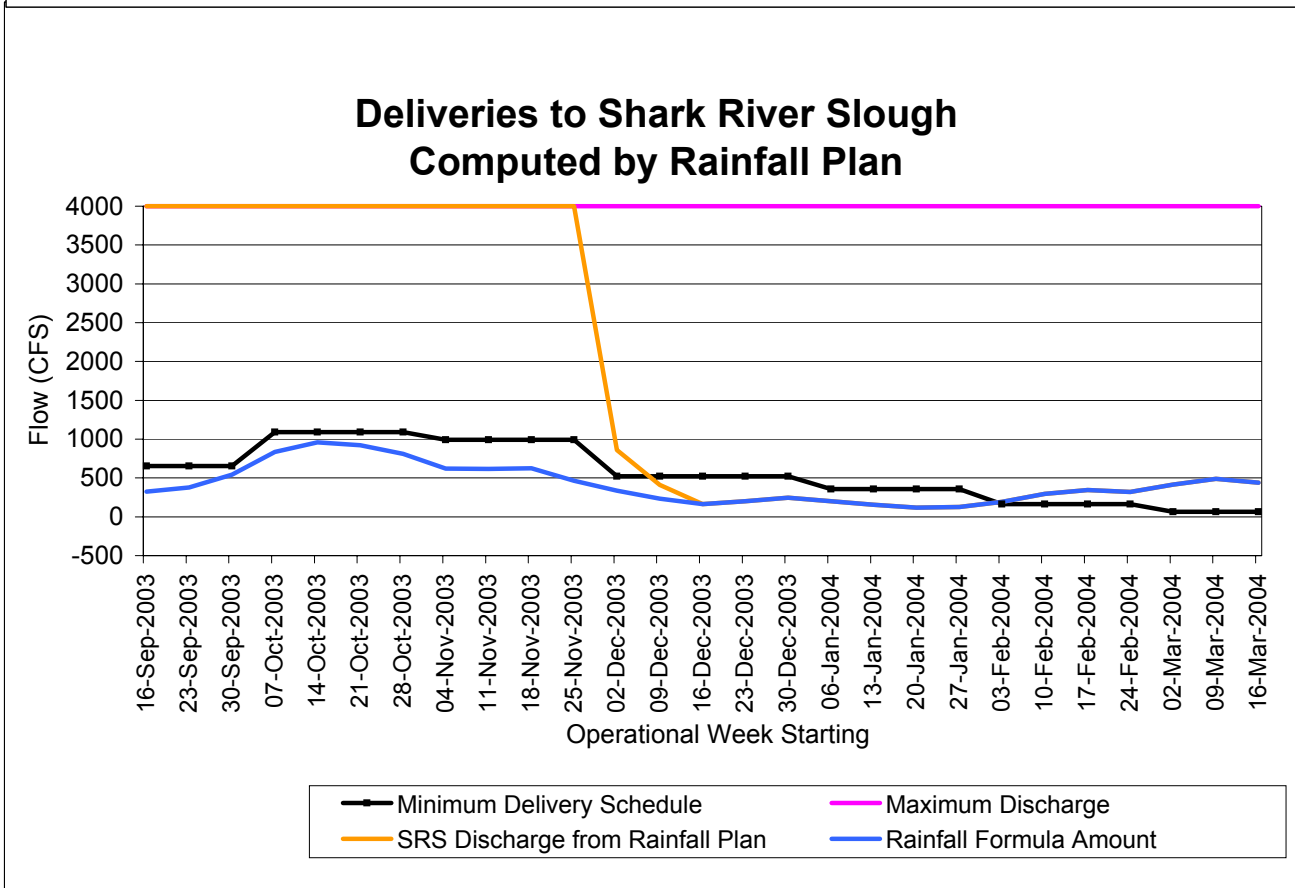
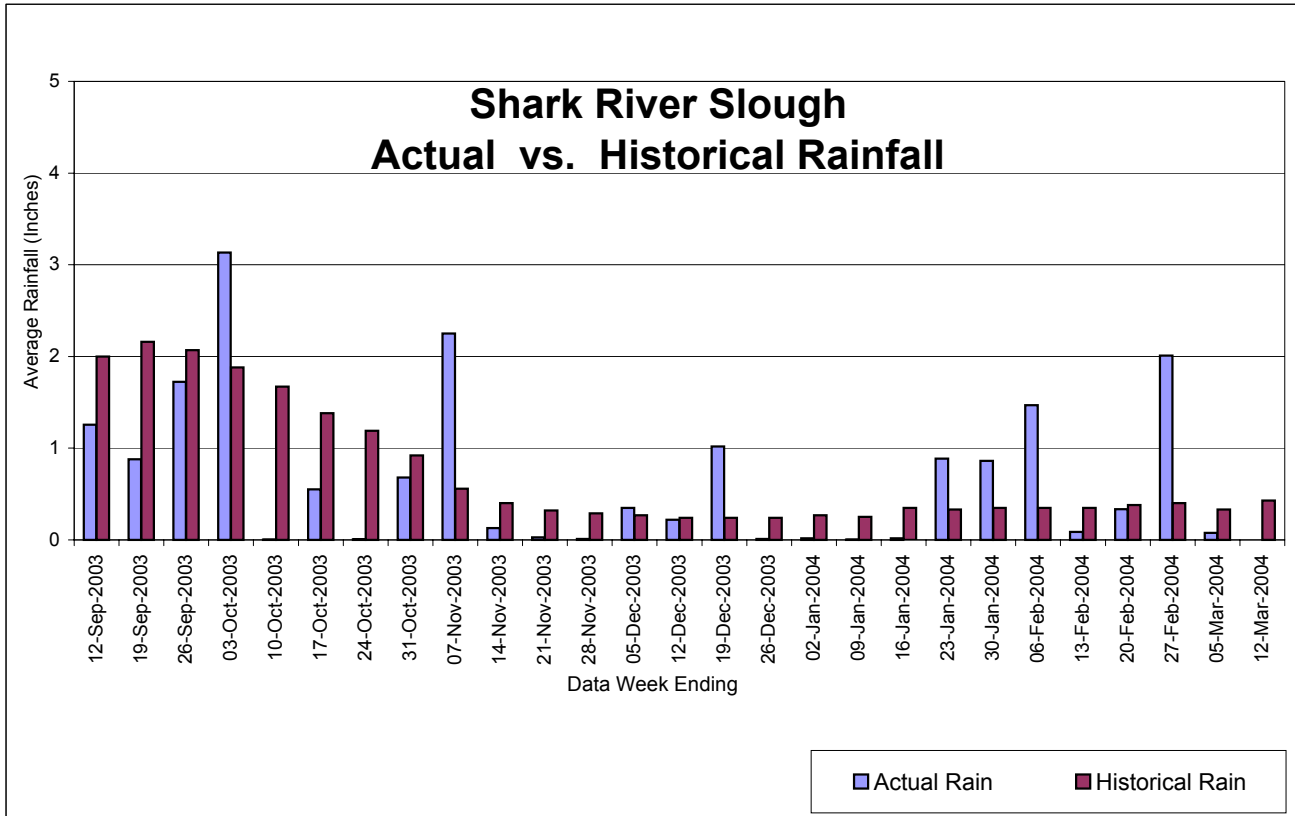
----- Statistical Parameters -----

Rainfall Formula Amount 440 cfs  
 Last Week's Rainfall Formula 487 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 -0.48 RL2 2.63 RL3 0.79

COMMENT:

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 23, 2004 to March 29, 2004 384 cfs

S-12 Discharge 173 cfs  
 S-333 Discharge 211 cfs

----- Data Summary -----  
 March 12, 2004 to March 19, 2004  
 WCA-3A Stage (end of week) 9.55 ft. msl  
 Angel's 5.40 ft. msl  
 G3273 6.09 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.60	1.24
S-8	0.13	
S-9	0.10	
S-140	0.26	1.47
S-12D	0.01	
S-336	0.04	
ENP	M	M
Gage 63	0.21	
Gage 64	0.04	
Gage 65	0.18	
This Week's Avg	0.17	1.36
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 0.43 feet  
 Distance to Bottom of Regulatory Zone 0.93 feet

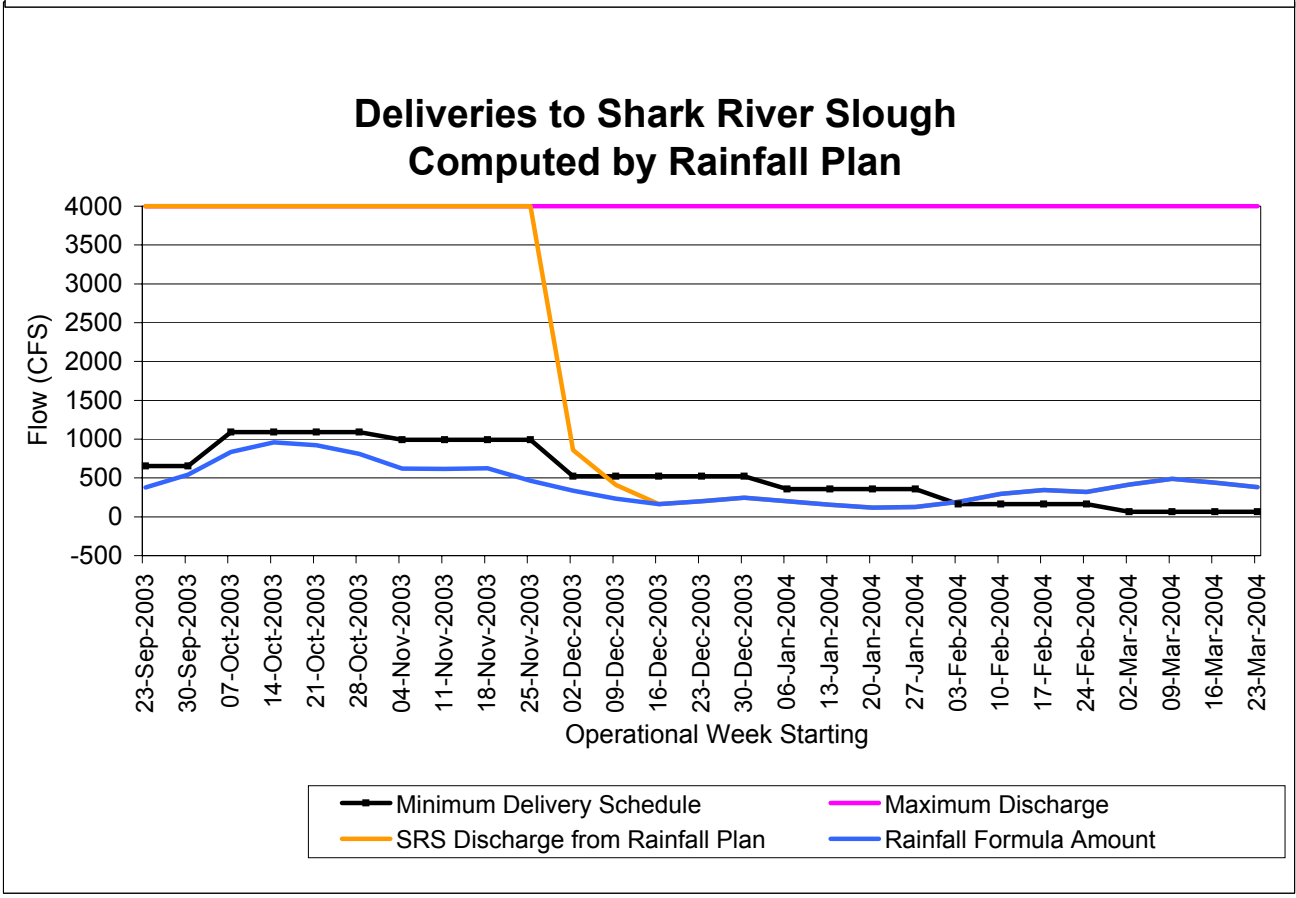
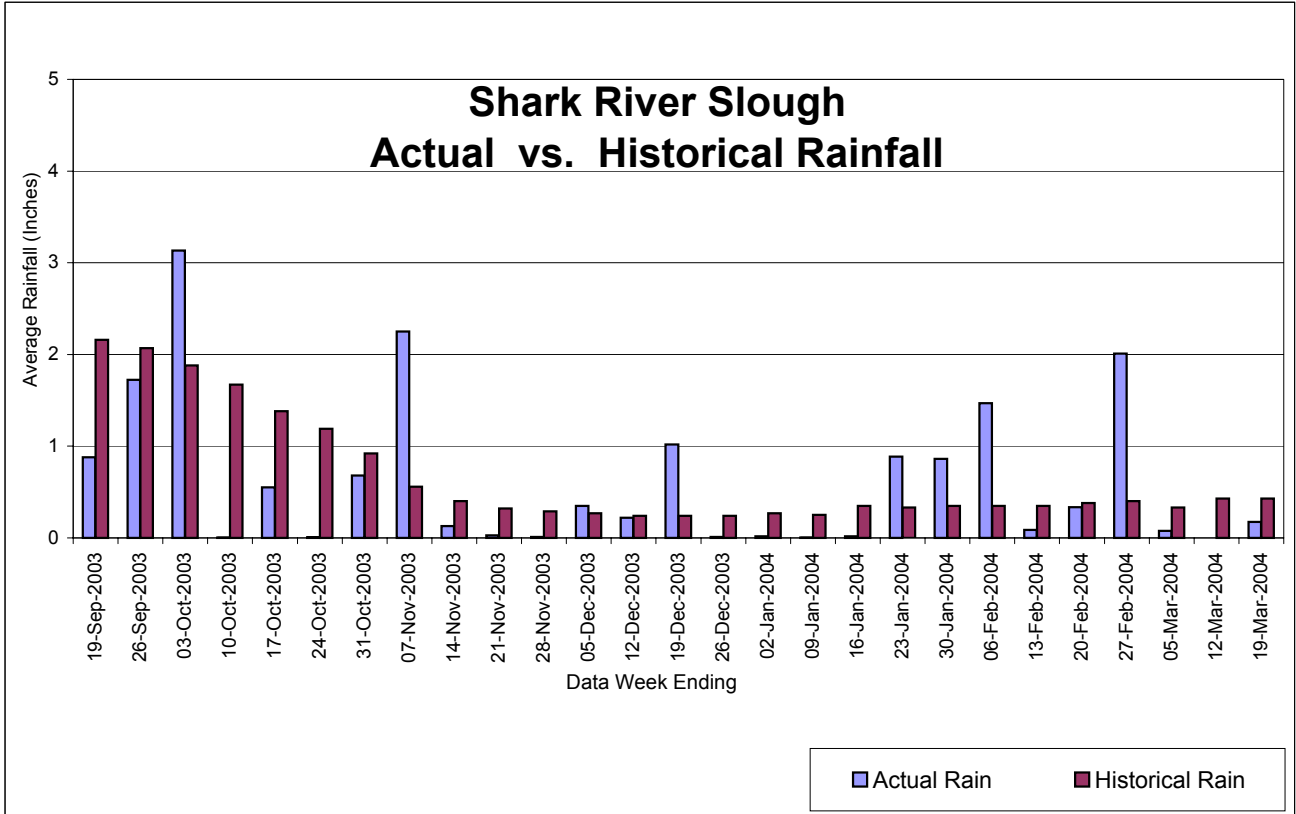
----- Statistical Parameters -----

Rainfall Formula Amount 384 cfs  
 Last Week's Rainfall Formula 440 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms  
 RL1 -0.72 RL2 1.36 RL3 2.15

COMMENT: ENP Pan Evaporation is missing. S-7 and S-140 data only used.

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





## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 30, 2004 to April 5, 2004 367 cfs

S-12 Discharge 165 cfs  
 S-333 Discharge 202 cfs

----- Data Summary -----  
 March 19, 2004 to March 26, 2004  
 WCA-3A Stage (end of week) 9.44 ft. msl  
 Angel's 5.19 ft. msl  
 G3273 5.89 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.46
S-8	0.00	
S-9	0.00	
S-140	0.03	1.55
S-12D	0.61	
S-336	0.59	
ENP	0.64	M
Gage 63	0.44	
Gage 64	0.23	
Gage 65	0.78	
This Week's Avg	0.33	1.51
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 0.49 feet  
 Distance to Bottom of Regulatory Zone 0.99 feet

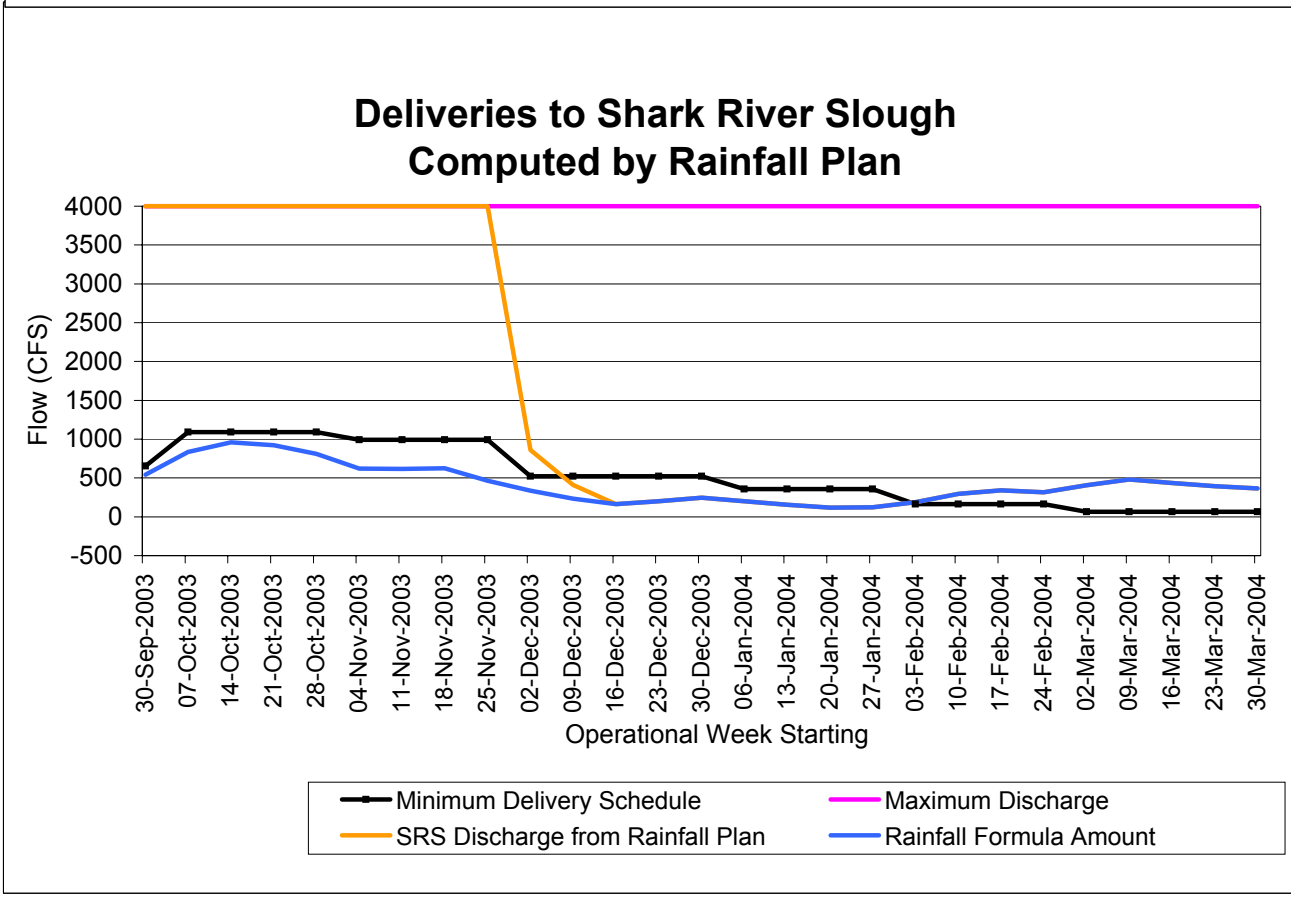
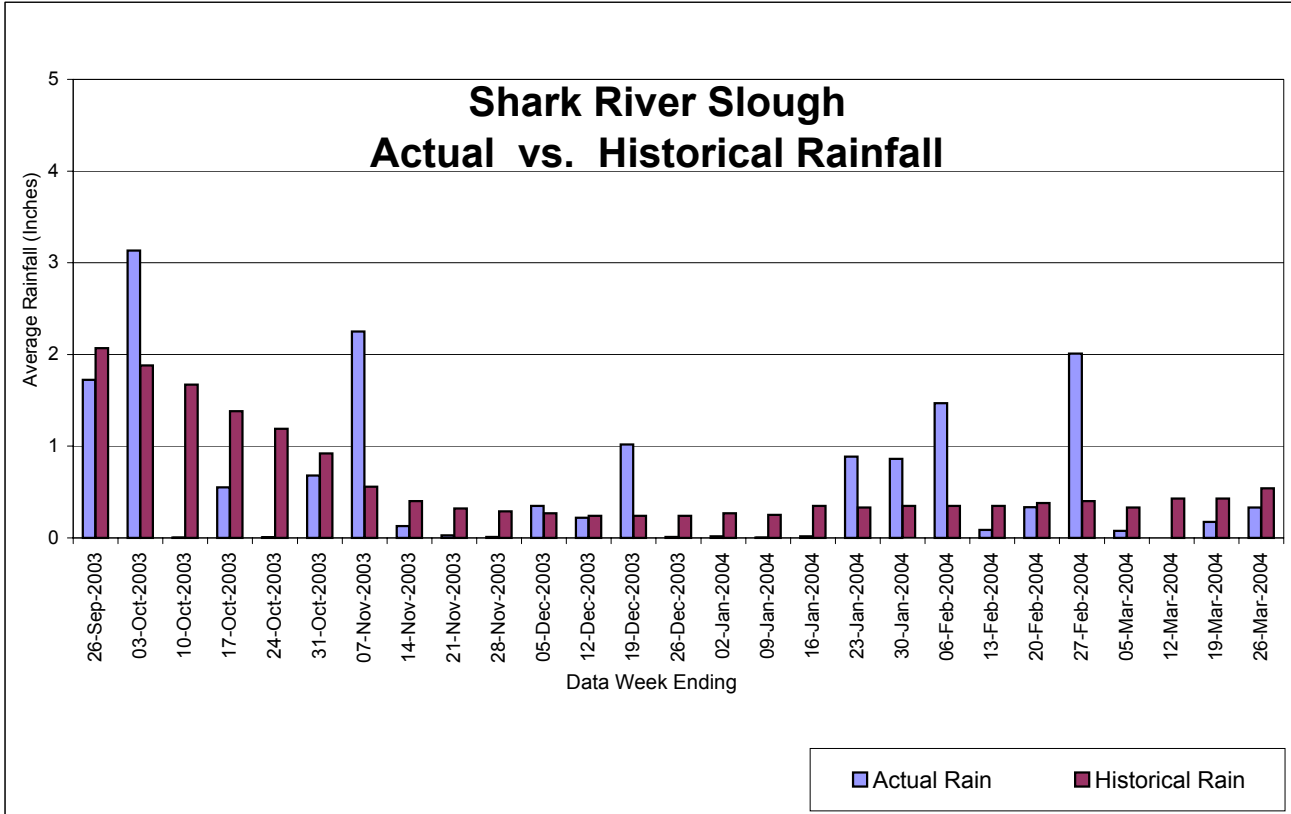
----- Statistical Parameters -----

Rainfall Formula Amount 367 cfs  
 Last Week's Rainfall Formula 394 cfs  
 Pre-Project Mean Discharge 31 cfs

Rainfall Excess Terms  
 RL1 -0.54 RL2 1.13 RL3 2.16

**COMMENT:** Enp pan evaporation is missing. S-7 and S-140 data used.

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 6, 2004 to April 12, 2004 311 cfs

S-12 Discharge 140 cfs  
 S-333 Discharge 171 cfs

----- Data Summary -----  
 March 26, 2004 to April 2, 2004  
 WCA-3A Stage (end of week) 9.31 ft. msl  
 Angel's 4.99 ft. msl  
 G3273 5.69 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.70
S-8	0.08	
S-9	0.00	
S-140	0.03	1.84
S-12D	0.00	
S-336	0.01	
ENP	0.01	1.16
Gage 63	0.01	
Gage 64	0.04	
Gage 65	0.00	
This Week's Avg	0.02	1.57
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 0.57 feet  
 Distance to Bottom of Regulatory Zone 1.07 feet

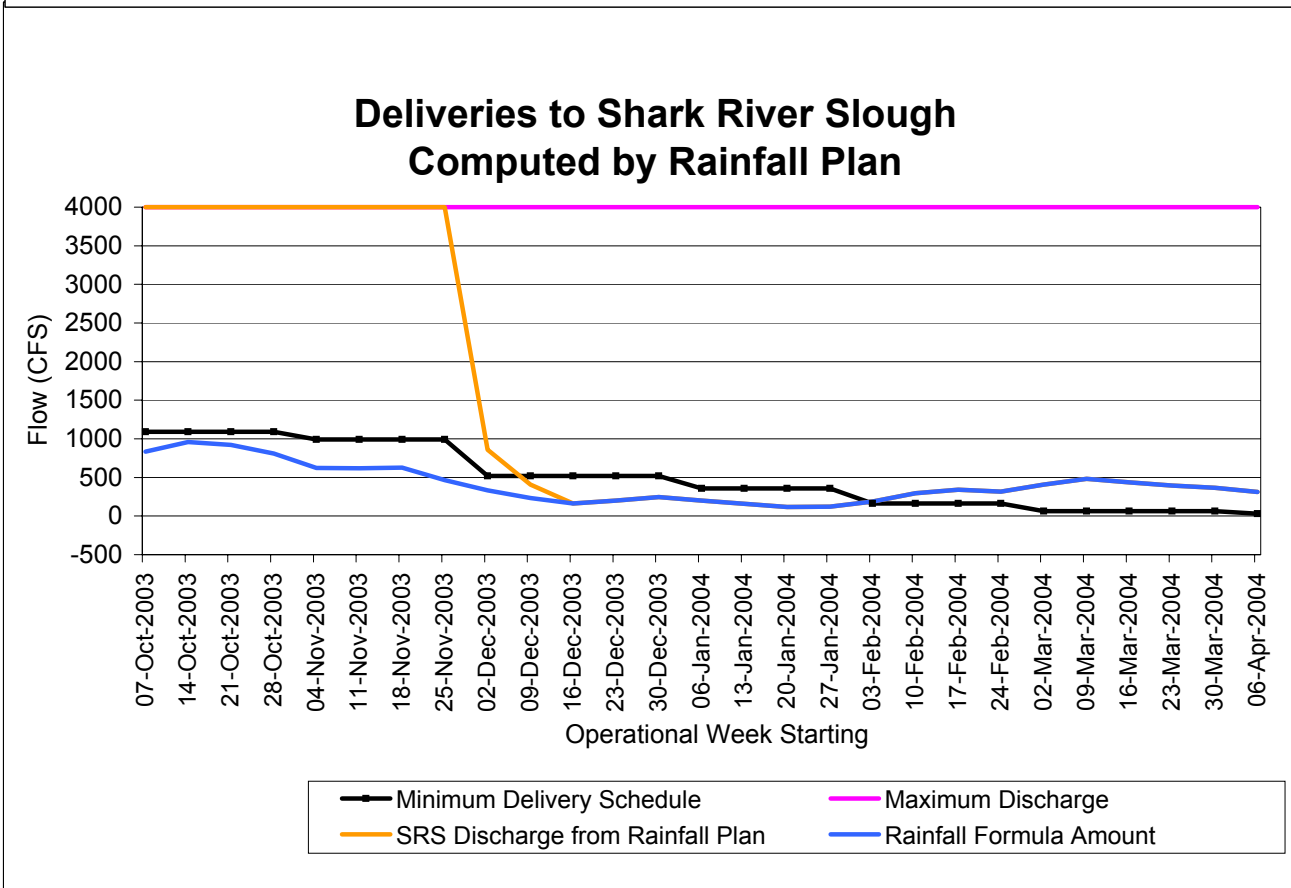
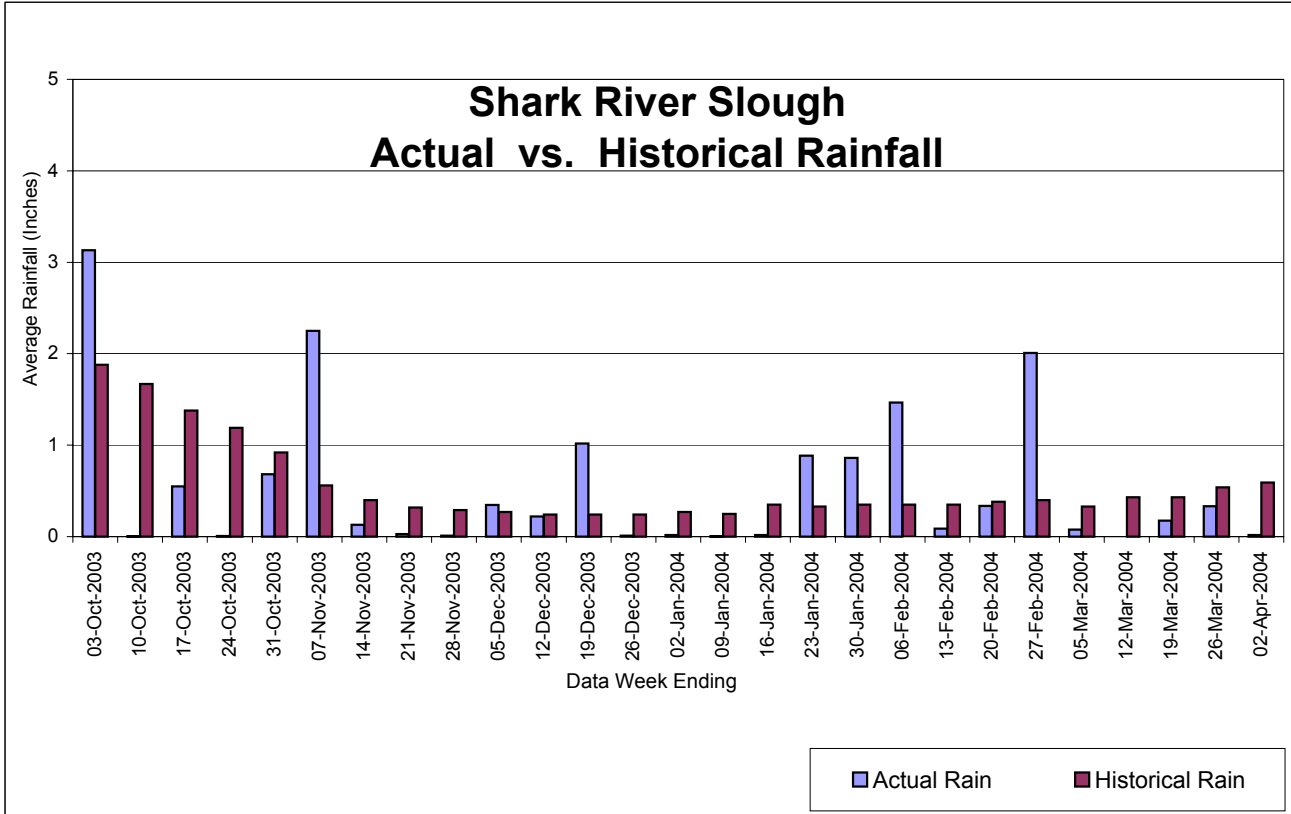
----- Statistical Parameters -----

Rainfall Formula Amount 311 cfs  
 Last Week's Rainfall Formula 367 cfs  
 Pre-Project Mean Discharge 32 cfs

Rainfall Excess Terms  
 RL1 -0.93 RL2 0.78 RL3 1.63

COMMENT:

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 13, 2004 to April 19, 2004 230 cfs

S-12 Discharge 104 cfs  
 S-333 Discharge 127 cfs

----- Data Summary -----  
 WCA-3A Stage (end of week) April 2, 2004 to April 9, 2004  
 Angel's 9.19 ft. msl  
 G3273 4.67 ft. msl  
5.36 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.81
S-8	0.00	
S-9	0.54	
S-140	0.00	1.99
S-12D	0.00	
S-336	0.00	
ENP	0.10	M
Gage 63	0.00	
Gage 64	0.15	
Gage 65	0.00	
This Week's Avg	0.08	1.90
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 0.65 feet  
 Distance to Bottom of Regulatory Zone 1.15 feet

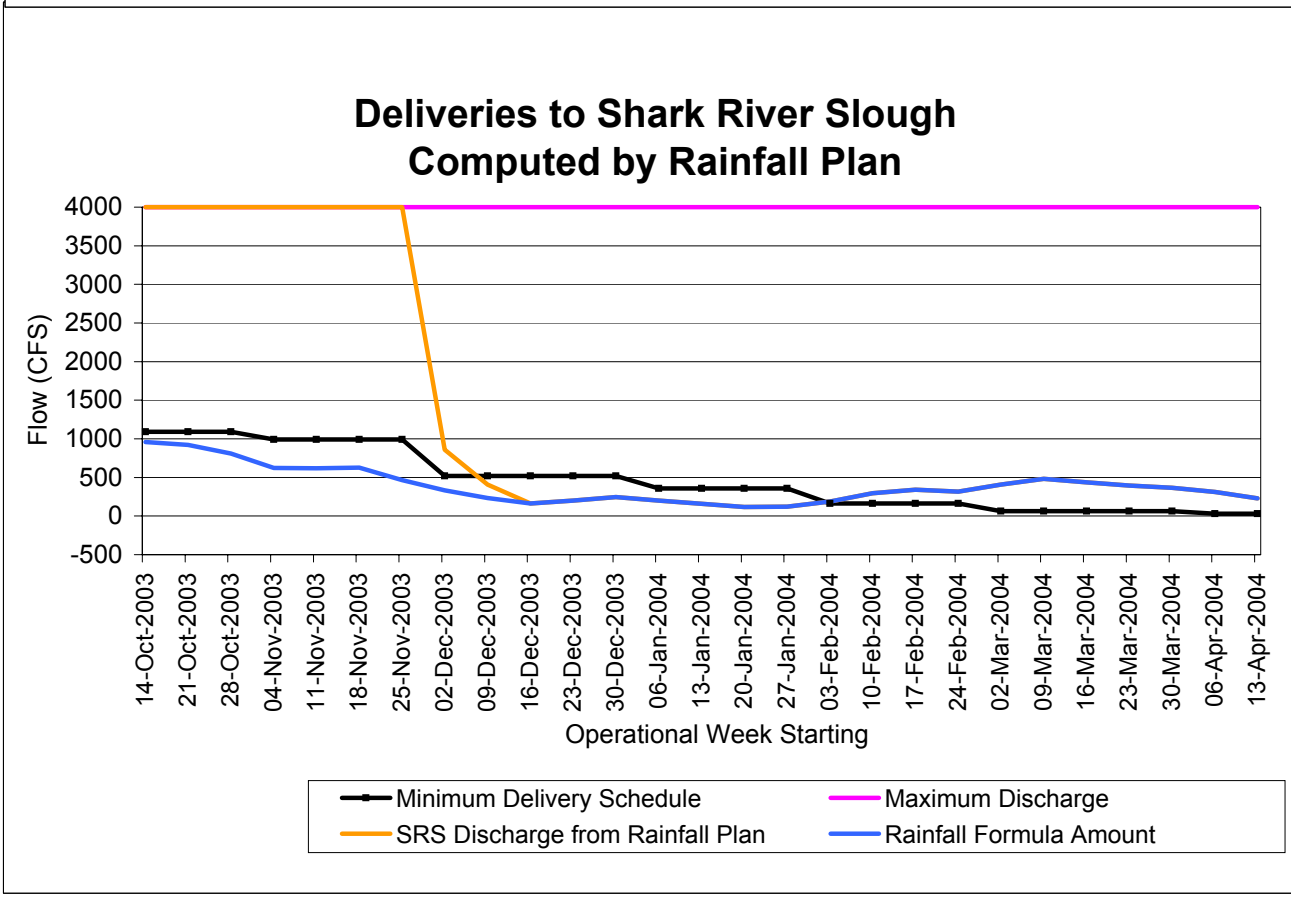
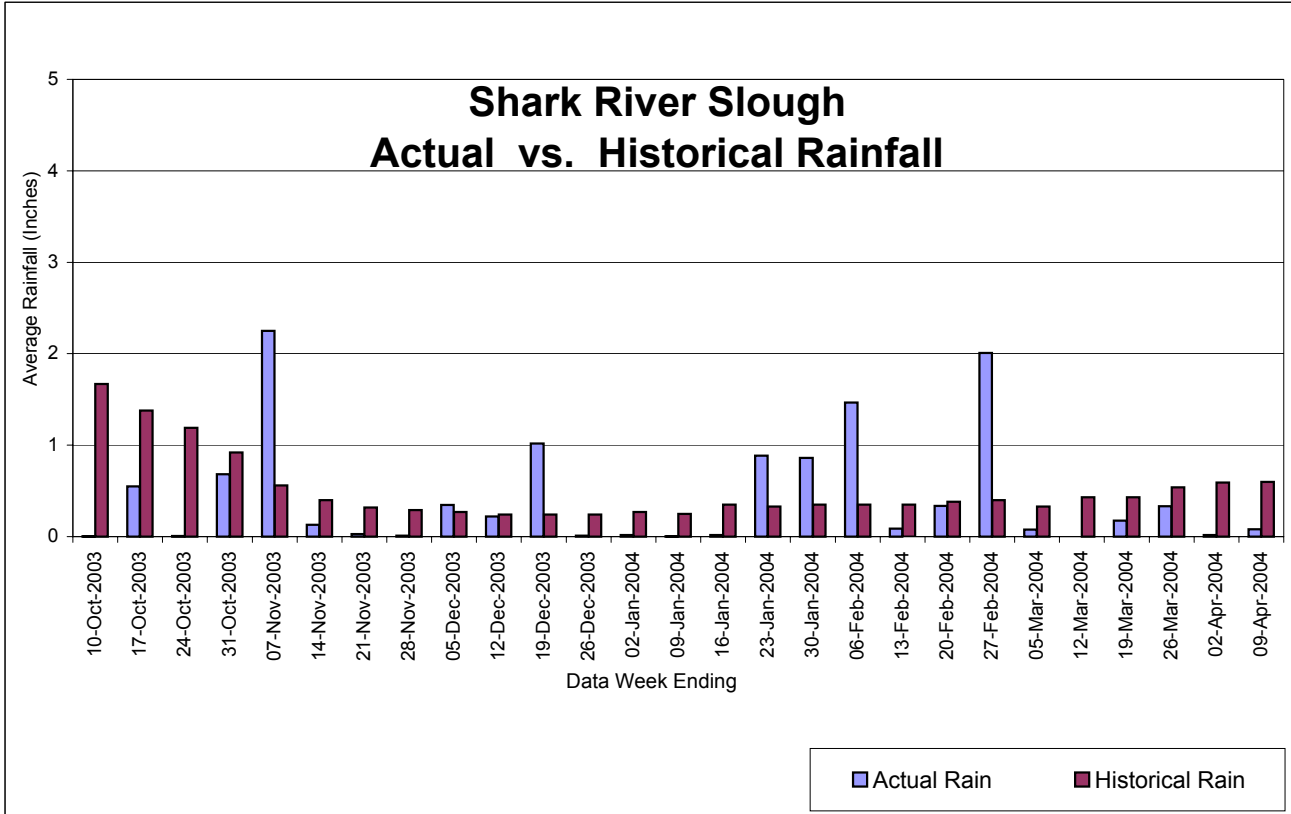
----- Statistical Parameters -----

Rainfall Formula Amount 230 cfs  
 Last Week's Rainfall Formula 311 cfs  
 Pre-Project Mean Discharge 31 cfs

Rainfall Excess Terms  
RL1 -1.48 RL2 -1.01 RL3 2.63

COMMENT: Enp Pan evaporation is missing. S-7 and S-140 data only used.

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 20, 2004 to April 26, 2004 223 cfs

S-12 Discharge 100 cfs  
 S-333 Discharge 122 cfs

----- Data Summary ----- April 9, 2004 to April 16, 2004  
 WCA-3A Stage (end of week) 9.32 ft. msl  
 Angel's 5.67 ft. msl  
 G3273 6.20 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.55	M
S-8	1.13	
S-9	1.51	
S-140	1.83	1.93
S-12D	2.28	
S-336	2.25	
ENP	3.28	M
Gage 63	2.43	
Gage 64	1.79	
Gage 65	1.31	
This Week's Avg	1.84	1.93
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 0.47 feet  
 Distance to Bottom of Regulatory Zone 0.97 feet

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

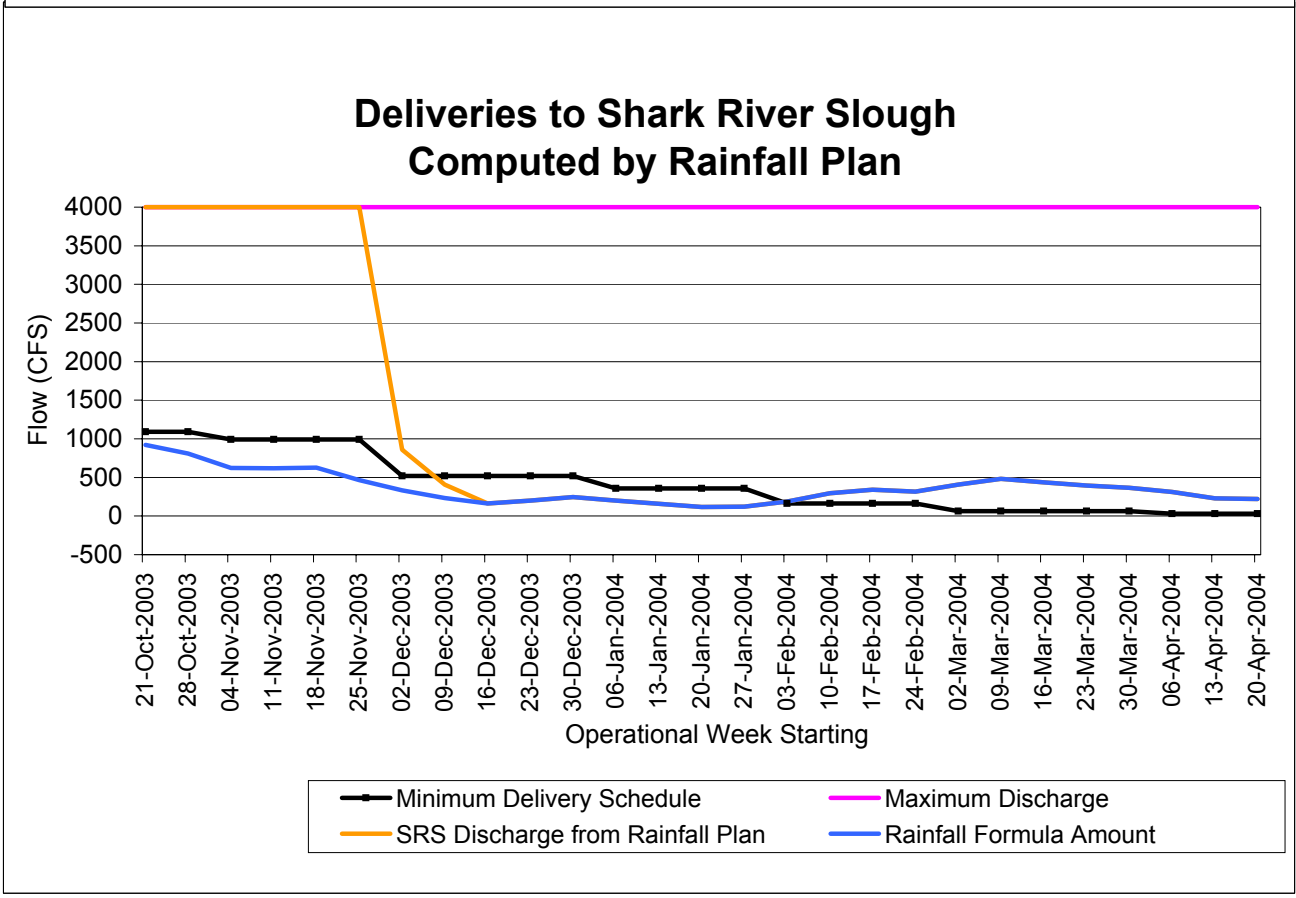
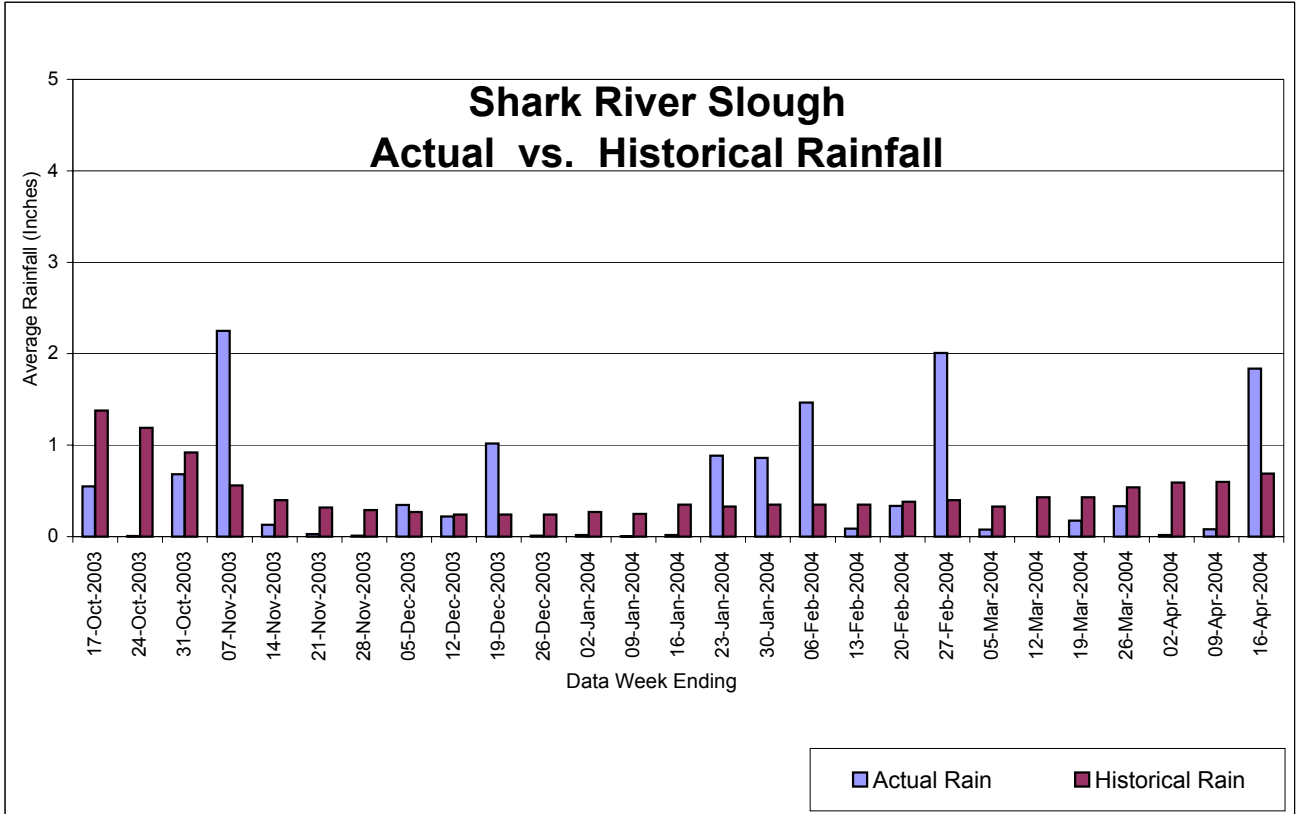
Rainfall Formula Amount 223 cfs  
 Last Week's Rainfall Formula 230 cfs  
 Pre-Project Mean Discharge 29 cfs

Rainfall Excess Terms

RL1	0.00	RL2	-1.66	RL3	1.36
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COMMENT: S-7 and Enp Pan evaporation is missing. S-140 data only used.

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





## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 27, 2004

to May 3, 2004

207 cfs

S-12 Discharge  
S-333 Discharge

93 cfs  
114 cfs

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

April 16, 2004 to April 23, 2004

WCA-3A Stage (end of week)  
Angel's  
G3273

9.20 ft. msl  
4.94 ft. msl  
5.77 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.70
S-8	0.00	
S-9	0.01	
S-140	0.00	1.93
S-12D	0.00	
S-336	0.00	
ENP	0.00	1.43
Gage 63	0.00	
Gage 64	0.01	
Gage 65	0.00	
This Week's Avg	0.00	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	0.54 feet
Distance to Bottom of Regulatory Zone	1.04 feet

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

Rainfall Formula Amount	207 cfs
Last Week's Rainfall Formula	223 cfs
Pre-Project Mean Discharge	24 cfs

Rainfall Excess Terms

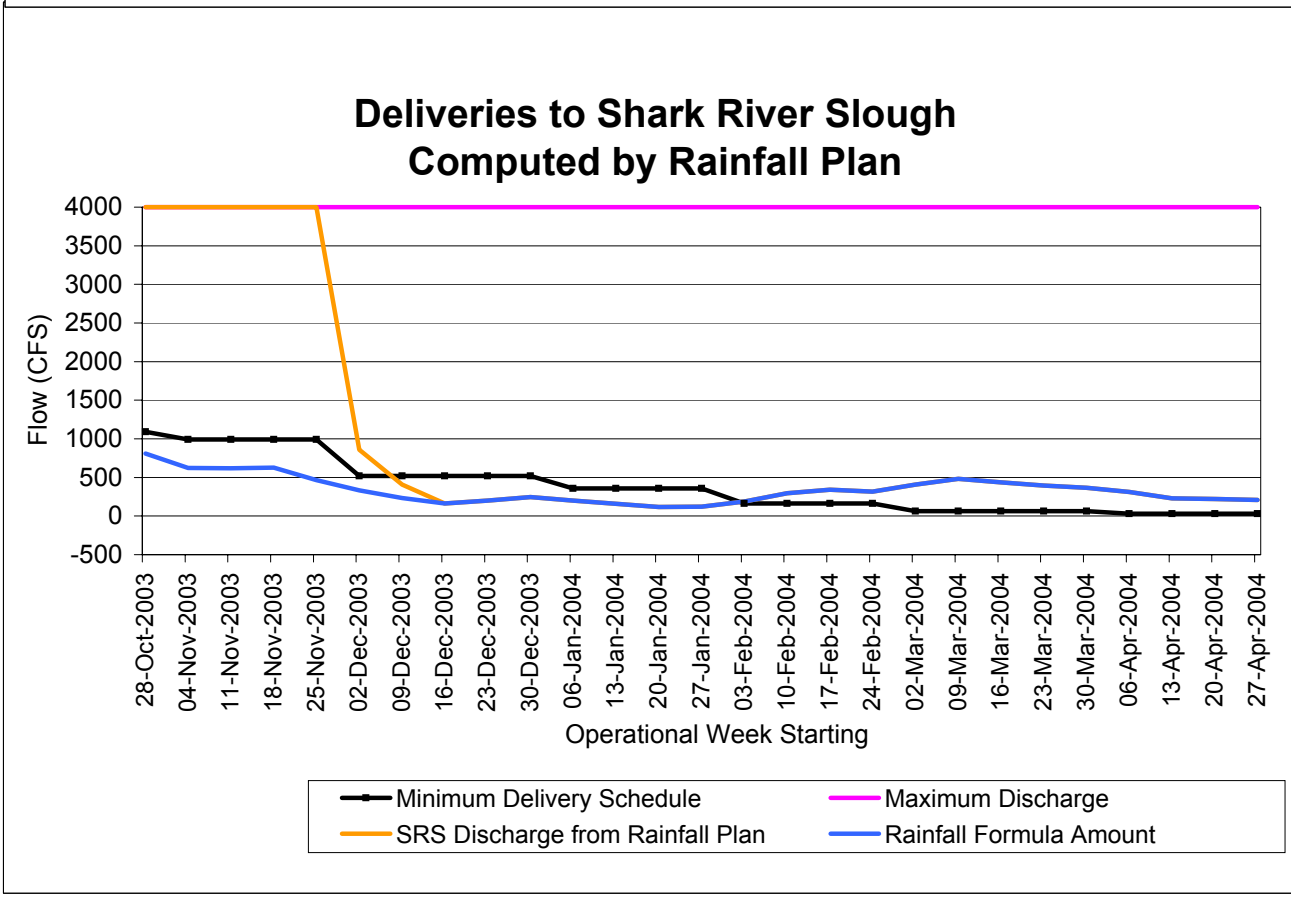
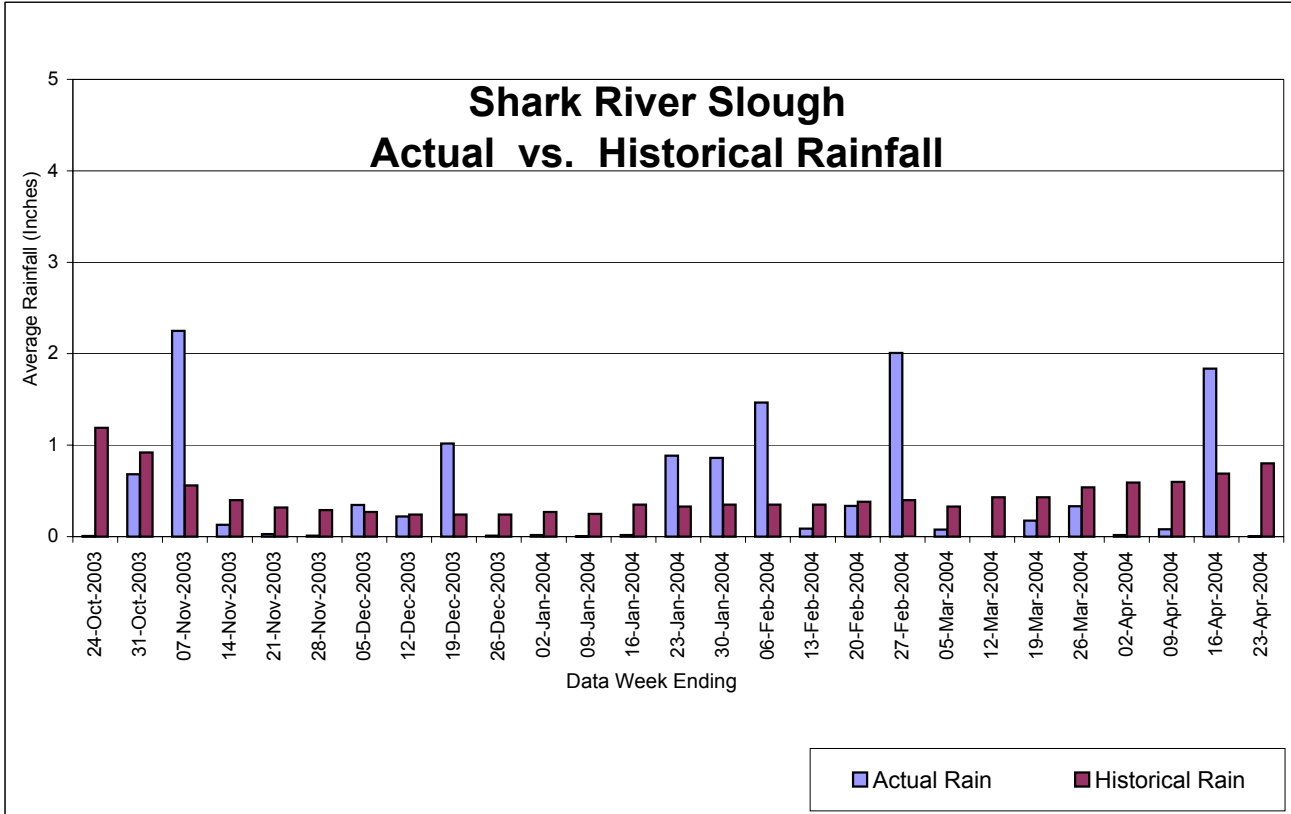
RL1 -0.05

RL2 -2.02

RL3 1.13

COMMENT:

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 4, 2004 to May 10, 2004 129 cfs

S-12 Discharge 58 cfs  
 S-333 Discharge 71 cfs

----- Data Summary -----  
 WCA-3A Stage (end of week) April 23, 2004 to April 30, 2004  
 Angel's 9.11 ft. msl  
 G3273 5.42 ft. msl  
5.58 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.12	1.41
S-8	0.00	
S-9	0.10	
S-140	0.00	1.53
S-12D	0.63	
S-336	3.01	
ENP	0.43	1.13
Gage 63	0.04	
Gage 64	0.01	
Gage 65	0.00	
This Week's Avg	0.43	1.36
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 0.59 feet  
 Distance to Bottom of Regulatory Zone 1.09 feet

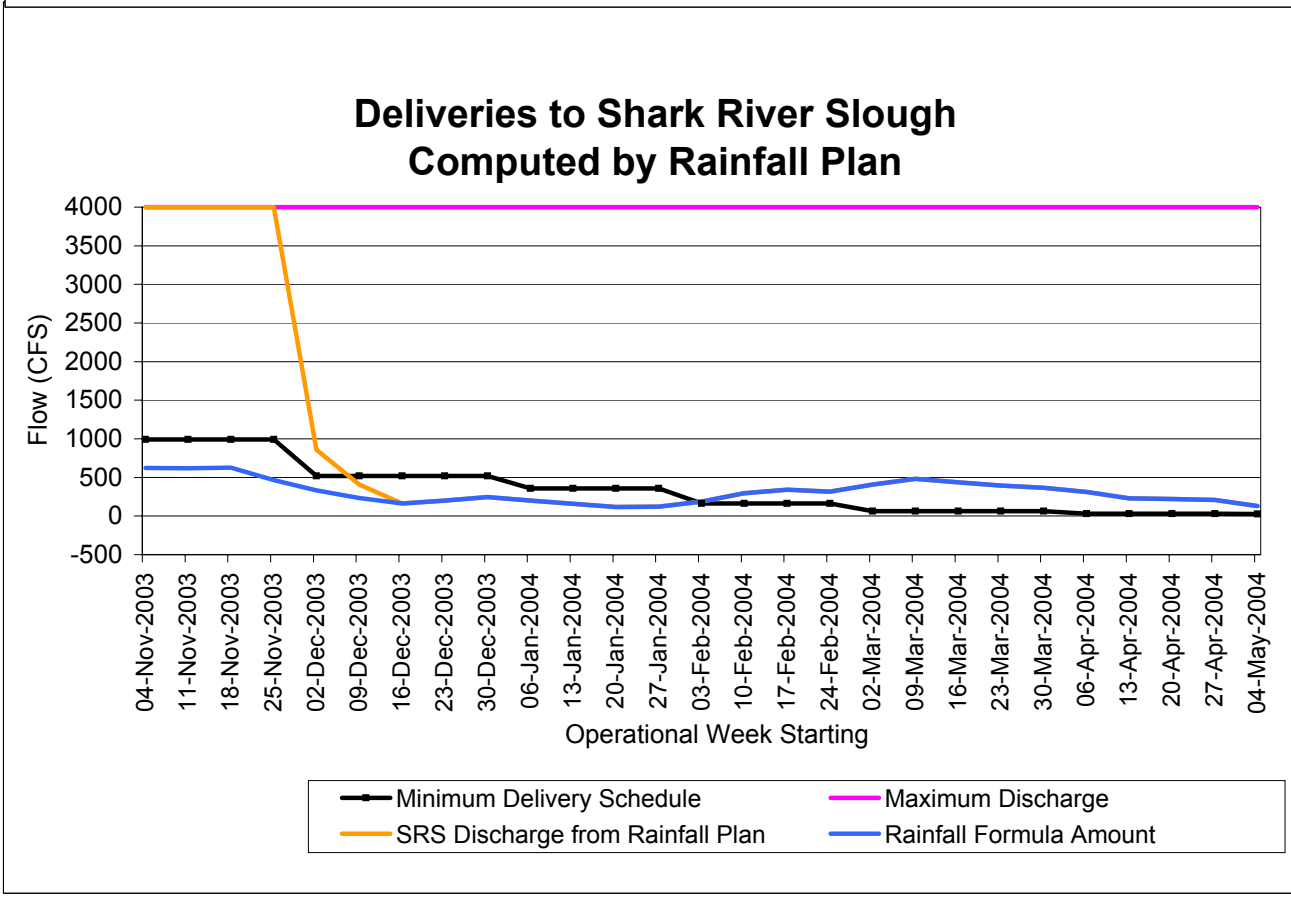
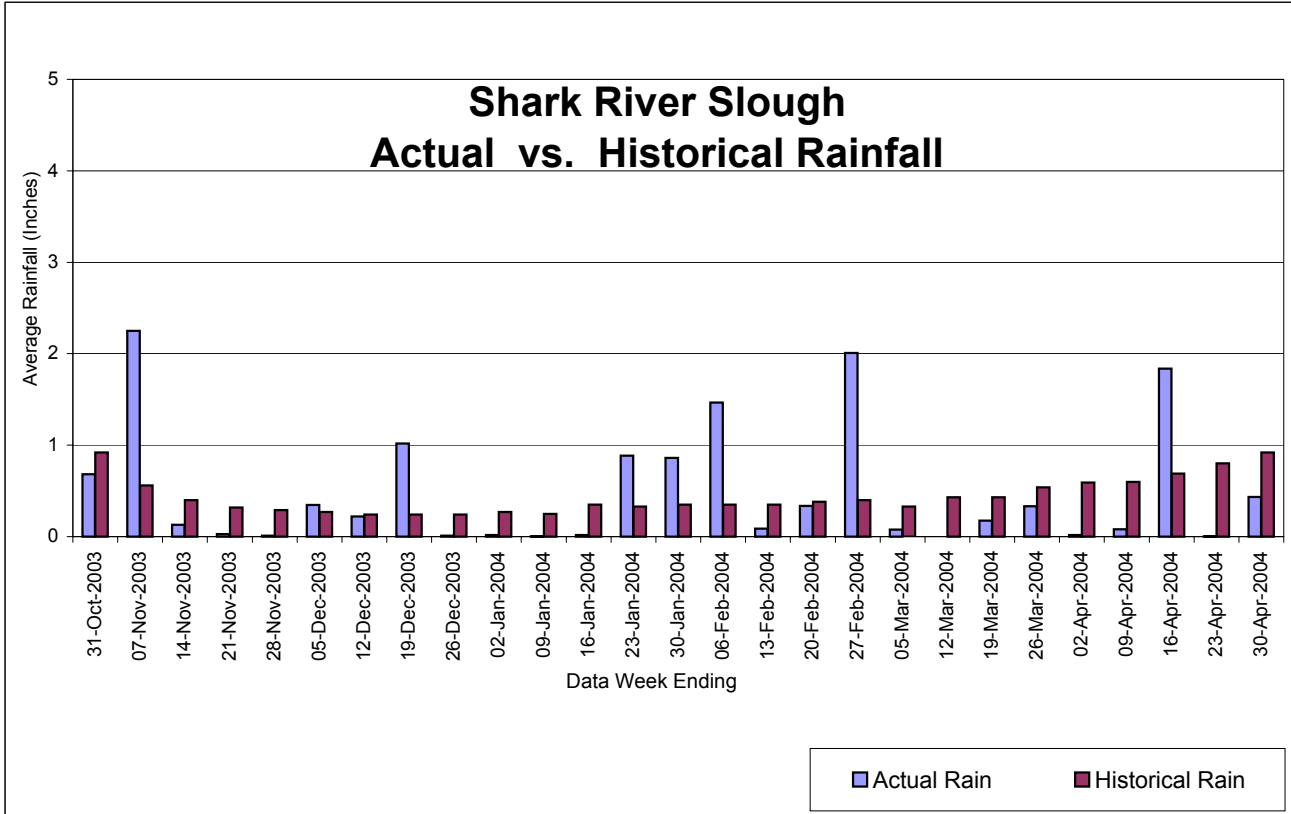
----- Statistical Parameters -----

Rainfall Formula Amount 129 cfs  
 Last Week's Rainfall Formula 207 cfs  
 Pre-Project Mean Discharge 16 cfs

Rainfall Excess Terms  
RL1 -1.17 RL2 -0.93 RL3 0.78

COMMENT:

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 11, 2004 to May 17, 2004 145 cfs

S-12 Discharge 65 cfs  
 S-333 Discharge 80 cfs

----- Data Summary -----  
 WCA-3A Stage (end of week) April 30, 2004 to May 7, 2004  
 Angel's 9.15 ft. msl  
 G3273 5.36 ft. msl  
5.84 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.83	1.75
S-8	0.09	
S-9	2.02	
S-140	1.89	2.02
S-12D	M	
S-336	3.47	
ENP	2.79	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	2.02	1.89
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 0.50 feet  
 Distance to Bottom of Regulatory Zone 1.00 feet

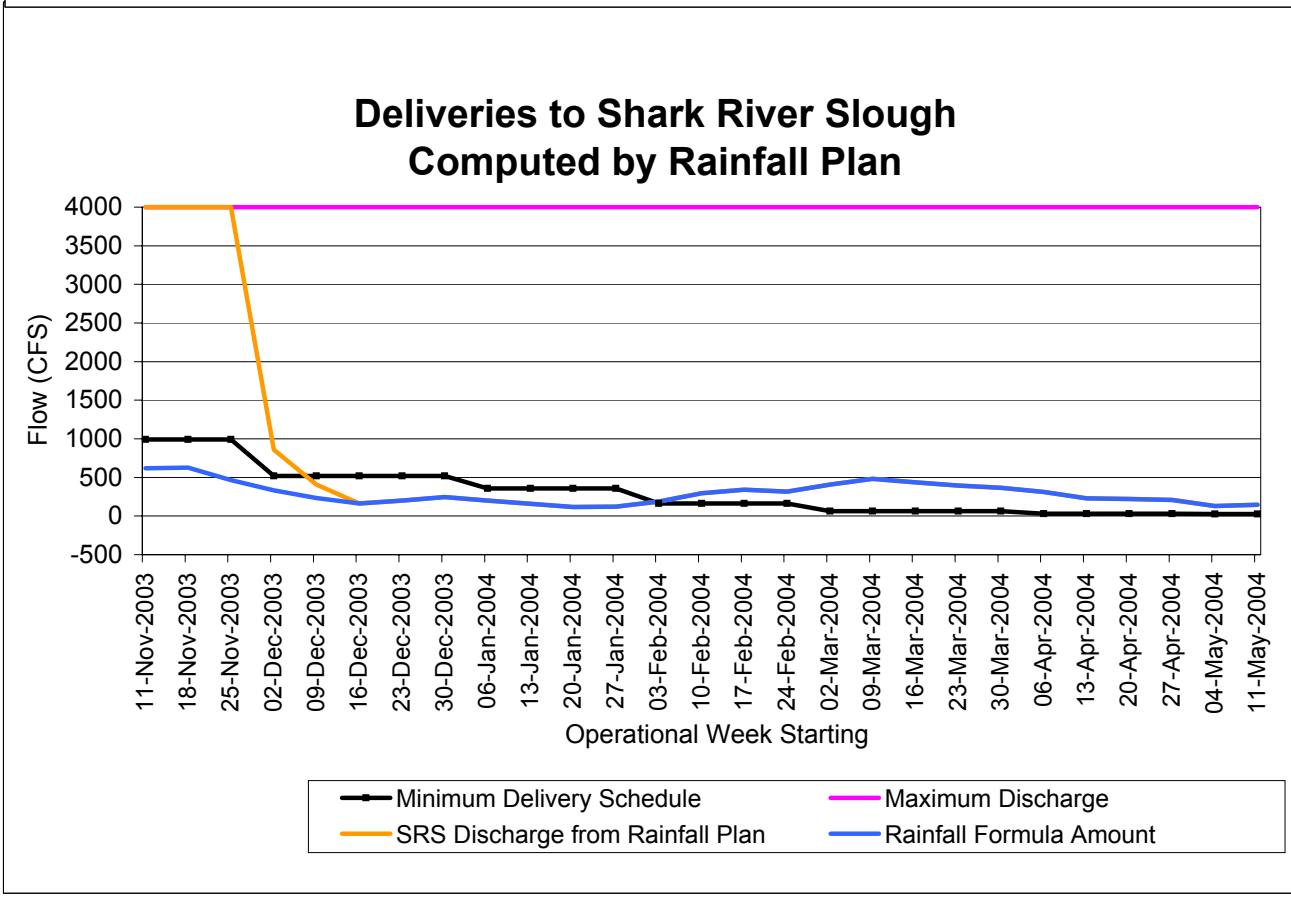
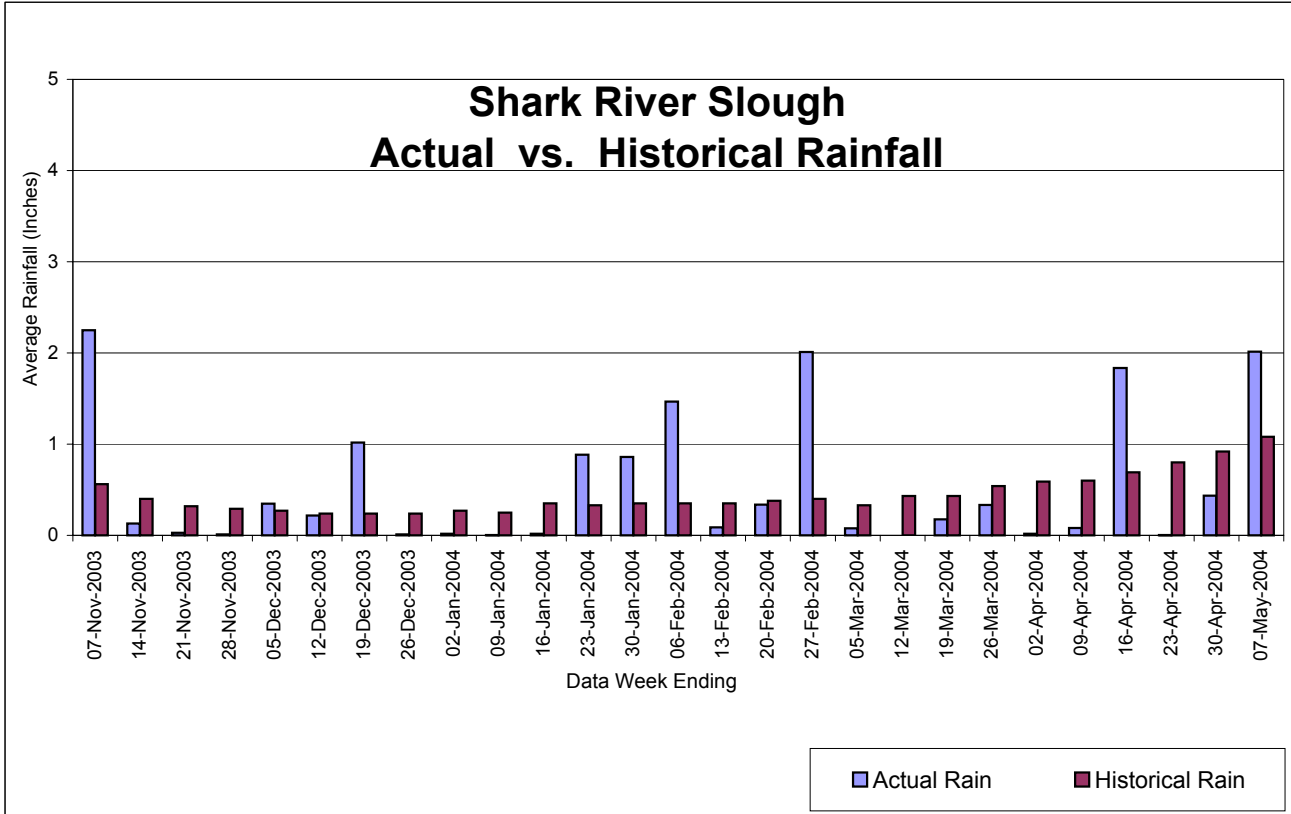
----- Statistical Parameters -----

Rainfall Formula Amount 145 cfs  
 Last Week's Rainfall Formula 129 cfs  
 Pre-Project Mean Discharge 13 cfs

Rainfall Excess Terms  
 RL1 0.42 RL2 -1.53 RL3 -1.01

COMMENT: ENP Pan Evaporation is missing. S-7 and S-140 data only used.

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **May 18, 2004** to **May 24, 2004** **111 cfs**

S-12 Discharge **50 cfs**  
 S-333 Discharge **61 cfs**

----- **Data Summary** ----- **May 7, 2004** to **May 14, 2004**  
 WCA-3A Stage (end of week) **9.01** ft. msl  
 Angel's **4.81** ft. msl  
 G3273 **5.40** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	<b>0.27</b>	<b>1.76</b>
S-8	<b>0.00</b>	
S-9	<b>0.00</b>	
S-140	<b>0.00</b>	<b>M</b>
S-12D	<b>0.00</b>	
S-336	<b>0.00</b>	
ENP	<b>0.02</b>	<b>1.25</b>
Gage 63	<b>0.00</b>	
Gage 64	<b>0.00</b>	
Gage 65	<b>0.00</b>	
This Week's Avg	<b>0.03</b>	<b>1.51</b>
Pre-Project Avg	<b>1.21</b>	<b>1.62</b>

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

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

Supplemental discharge is **0 cfs**  
 Distance to Bottom of Transition Zone **0.60 feet**  
 Distance to Bottom of Regulatory Zone **1.10 feet**

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

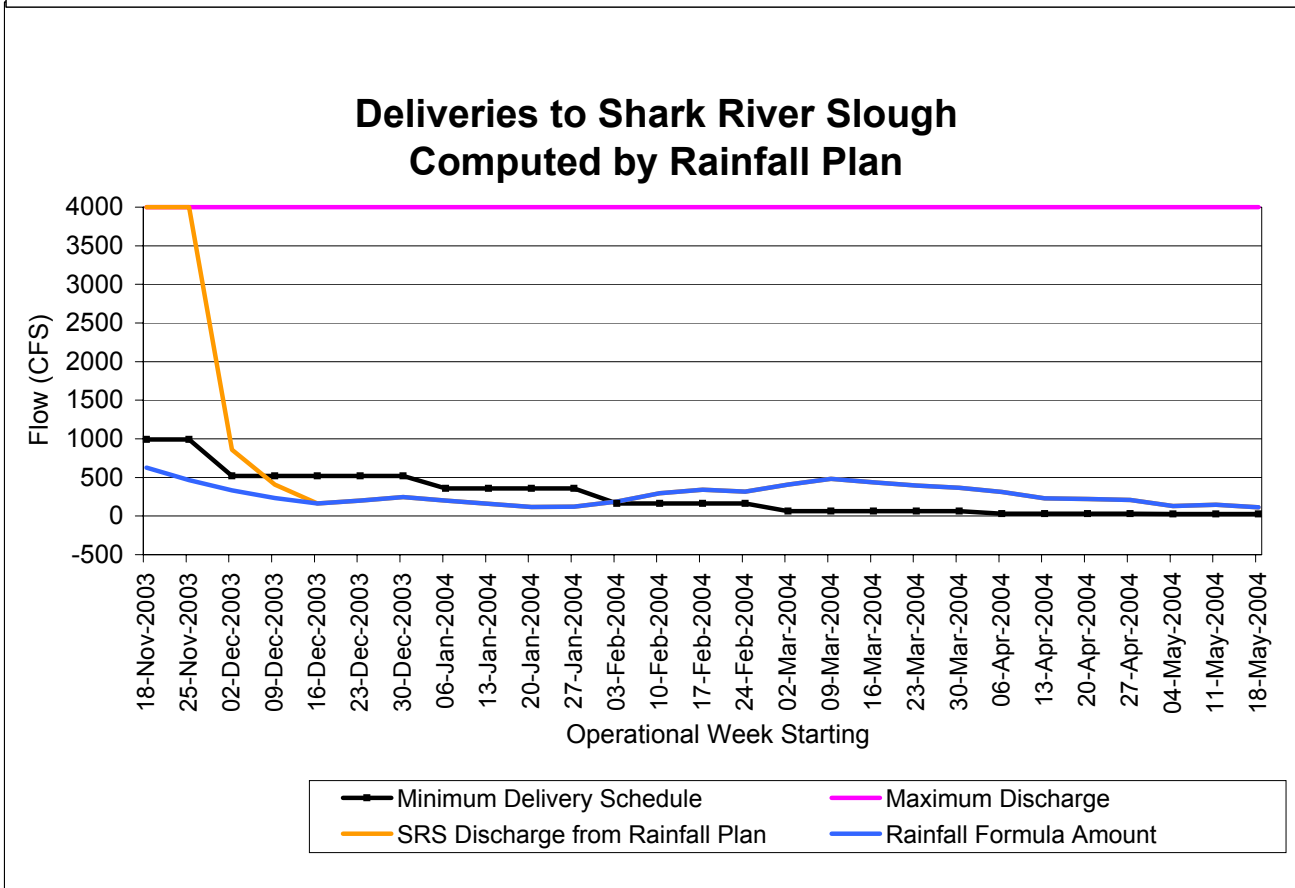
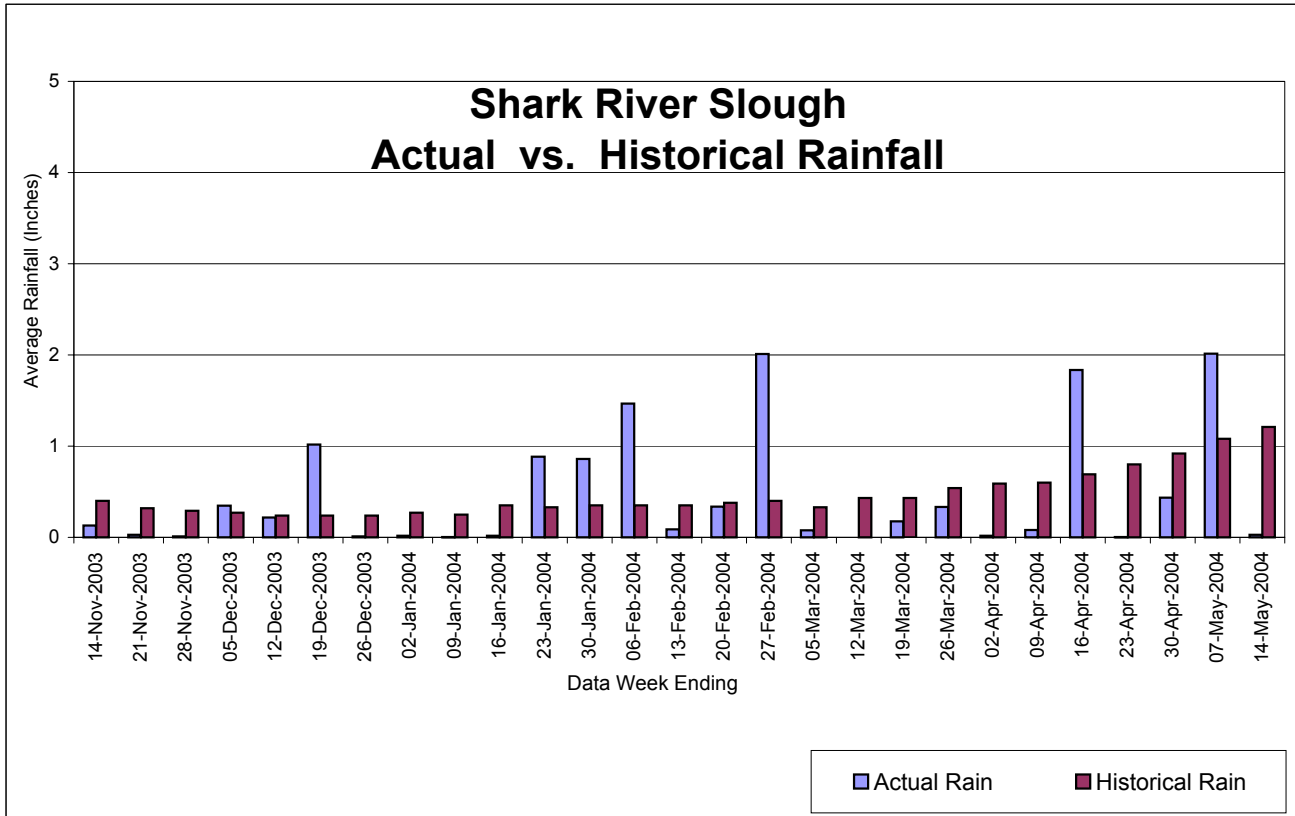
Rainfall Formula Amount **111 cfs**  
 Last Week's Rainfall Formula **145 cfs**  
 Pre-Project Mean Discharge **12 cfs**

Rainfall Excess Terms

RL1 **-0.37** RL2 **-1.17** RL3 **-1.66**

**COMMENT: S-140 Pan Evaporation is missing. S-7 and ENP data only used.**

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





## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **May 25, 2004** to **May 31, 2004** **0 cfs**

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

----- **Data Summary** ----- **May 14, 2004** to **May 21, 2004**

WCA-3A Stage (end of week)	<b>8.89</b>	ft. msl
Angel's	<b>4.46</b>	ft. msl
G3273	<b>4.98</b>	ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	<b>0.20</b>	<b>1.23</b>
S-8	<b>0.22</b>	
S-9	<b>0.24</b>	
S-140	<b>0.00</b>	<b>M</b>
S-12D	<b>0.04</b>	
S-336	<b>0.05</b>	
ENP	<b>0.00</b>	<b>1.38</b>
Gage 63	<b>0.44</b>	
Gage 64	<b>0.15</b>	
Gage 65	<b>0.00</b>	
This Week's Avg	<b>0.13</b>	<b>1.31</b>
Pre-Project Avg	<b>1.43</b>	<b>1.61</b>

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

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

Supplemental discharge is	<b>0 cfs</b>
Distance to Bottom of Transition Zone	<b>0.67 feet</b>
Distance to Bottom of Regulatory Zone	<b>1.17 feet</b>

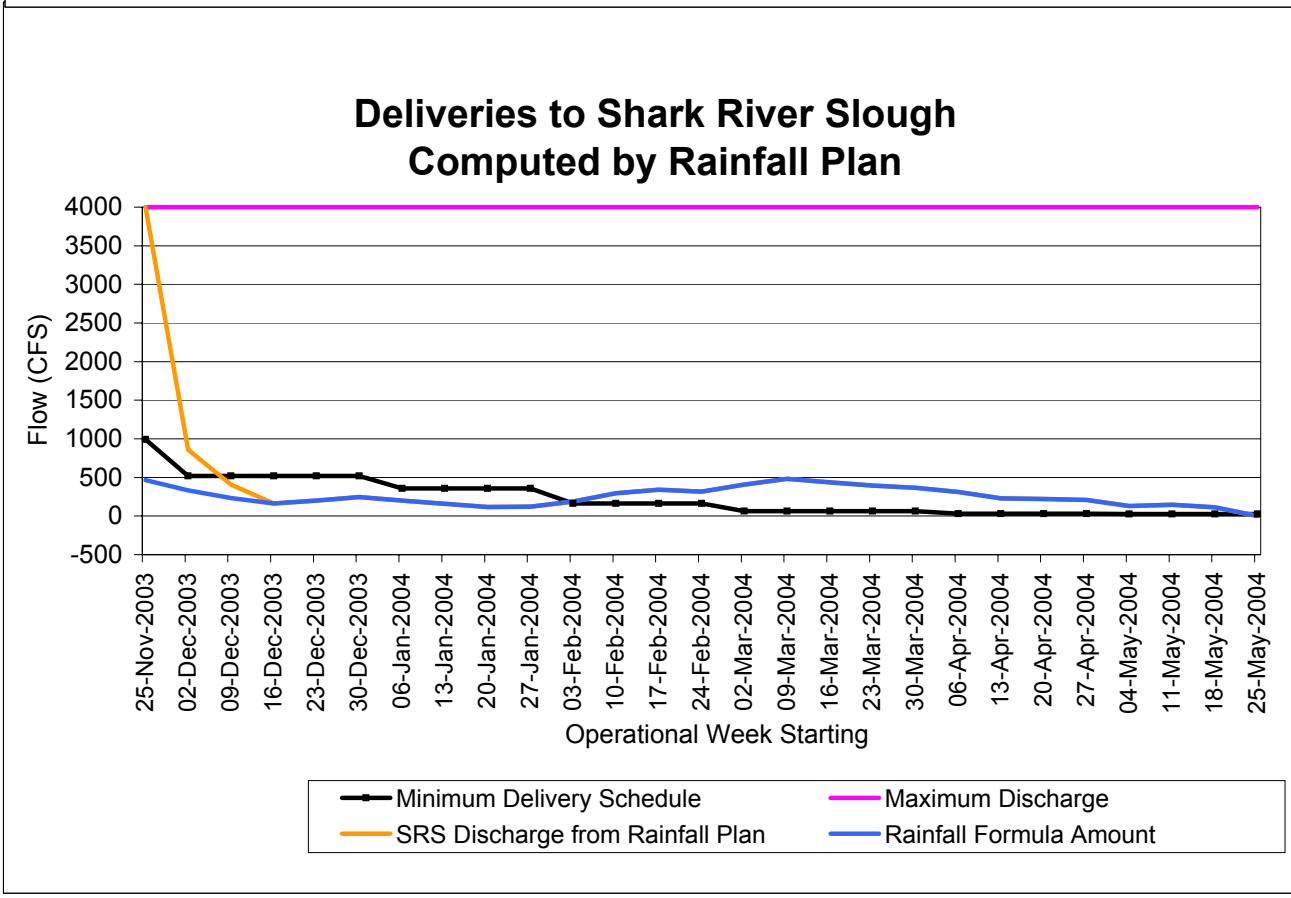
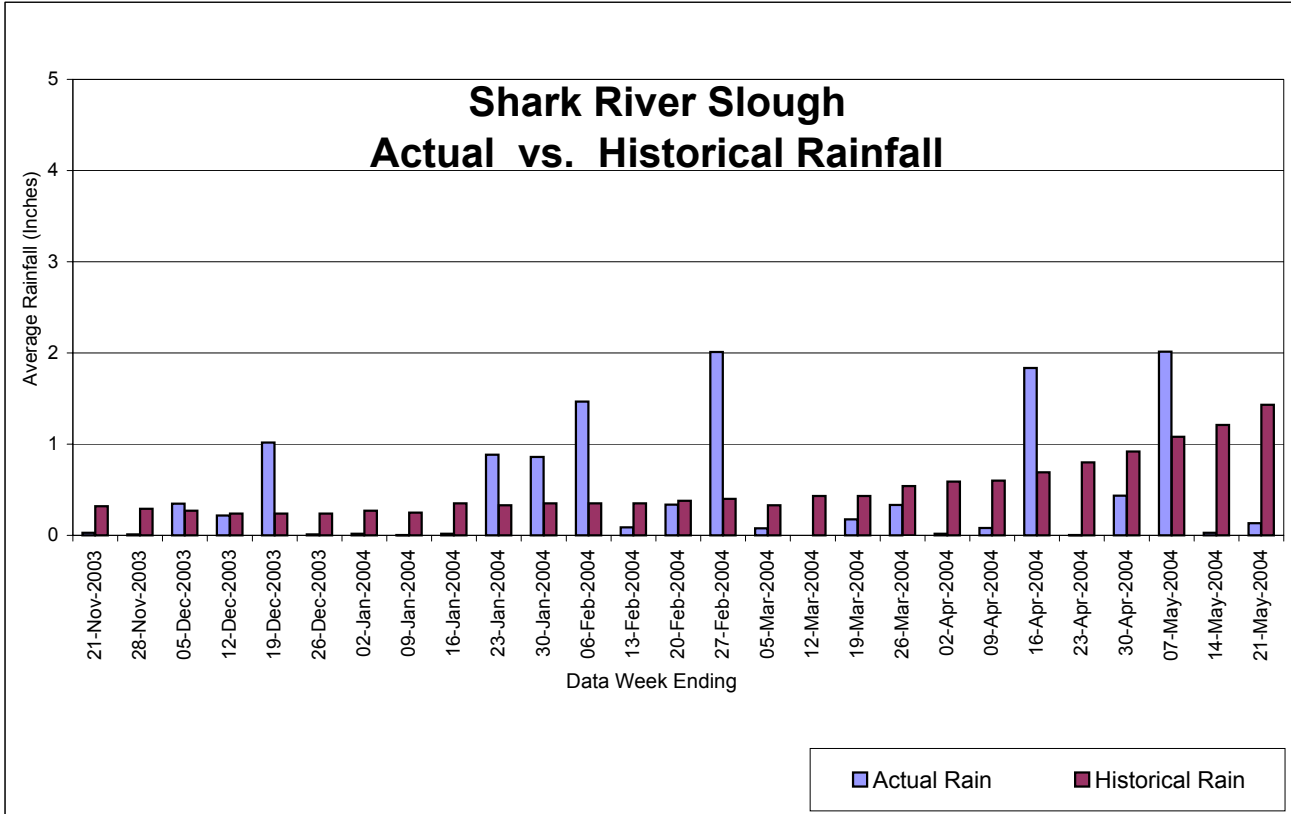
----- **Statistical Parameters** -----

Rainfall Formula Amount	<b>0 cfs</b>
Last Week's Rainfall Formula	<b>111 cfs</b>
Pre-Project Mean Discharge	<b>17 cfs</b>

Rainfall Excess Terms	RL1 <b>-2.14</b>	RL2 <b>0.37</b>	RL3 <b>-2.02</b>
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**COMMENT: S-140 Pan Evaporation is missing. S-7 and ENP data only used.**

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 1, 2004 to June 7, 2004 0 cfs

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

----- Data Summary -----  
 May 21, 2004 to May 28, 2004  
 WCA-3A Stage (end of week) 8.72 ft. msl  
 Angel's 4.09 ft. msl  
 G3273 4.62 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	M
S-8	0.00	
S-9	0.00	
S-140	0.00	2.40
S-12D	0.00	
S-336	0.00	
ENP	0.00	1.87
Gage 63	0.02	
Gage 64	0.00	
Gage 65	0.00	
This Week's Avg	0.00	2.14
Pre-Project Avg	1.57	1.61

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

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

Supplemental discharge is 0 cfs  
 Distance to Bottom of Transition Zone 0.79 feet  
 Distance to Bottom of Regulatory Zone 1.29 feet

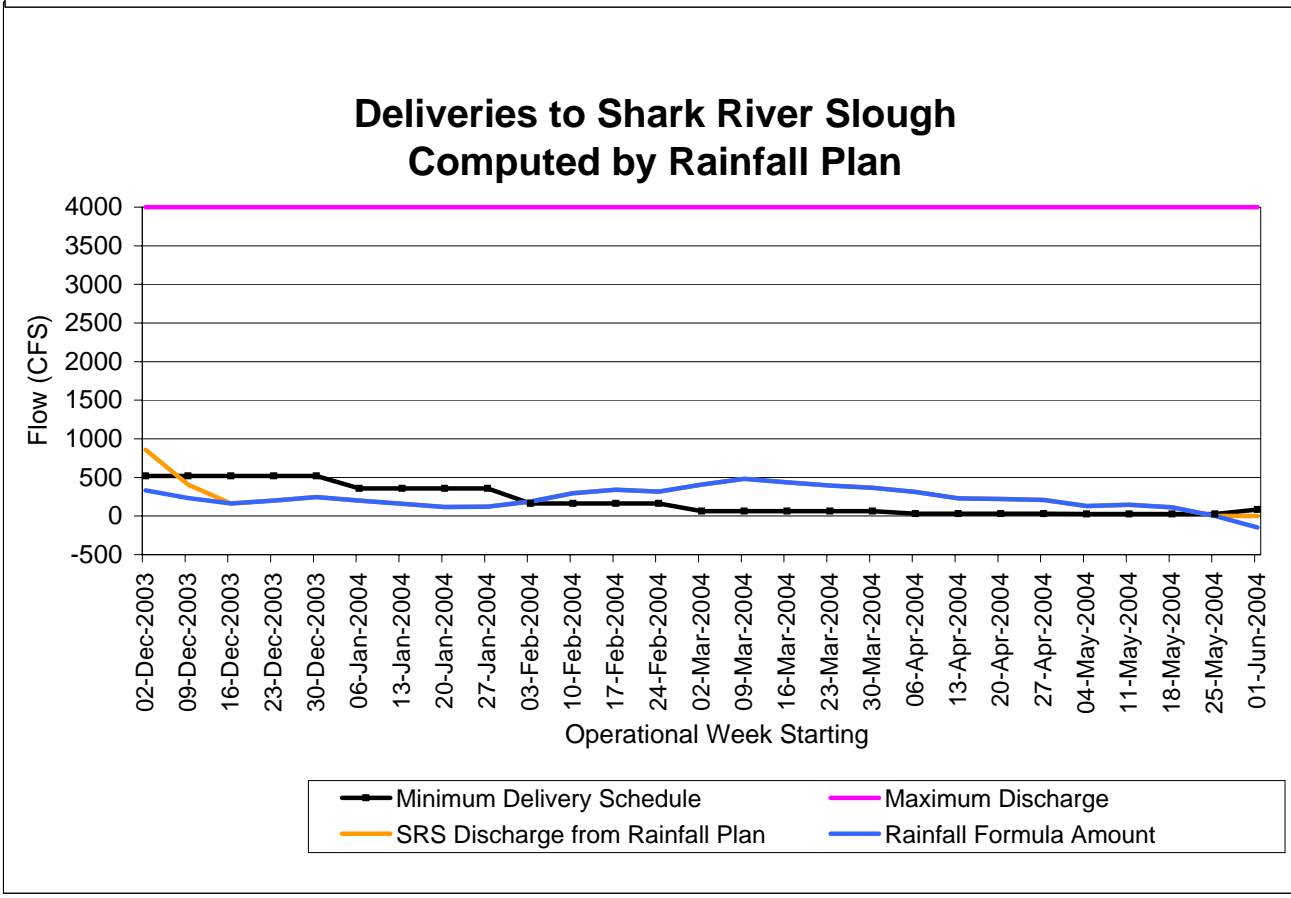
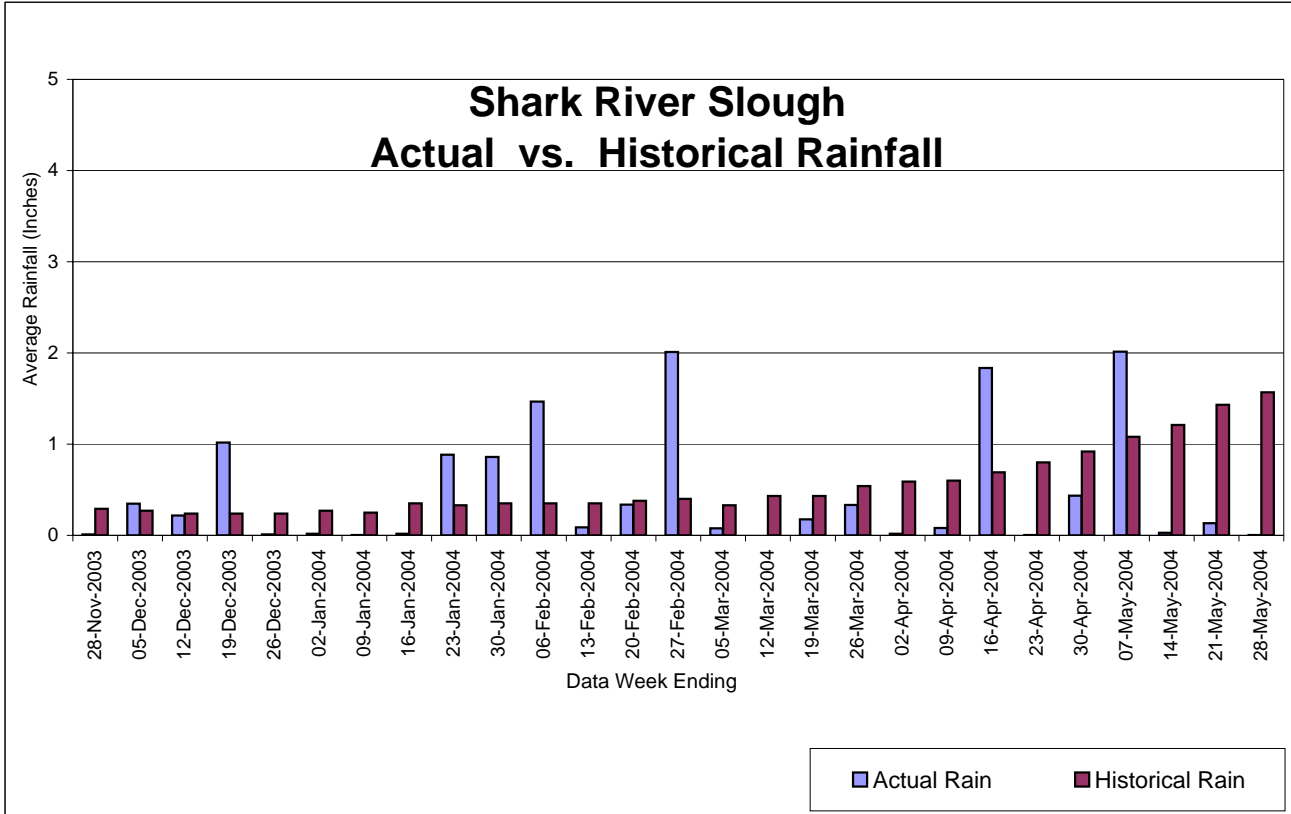
----- Statistical Parameters -----

Rainfall Formula Amount -148 cfs  
 Last Week's Rainfall Formula 0 cfs  
 Pre-Project Mean Discharge 27 cfs

Rainfall Excess Terms  
 RL1 -3.04 RL2 -1.55 RL3 -0.93

**COMMENT: S-7 Pan Evaporation is missing. S-140 and ENP data only used.**

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 8, 2004 to June 14, 2004 0 cfs

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

----- Data Summary -----  
 May 28, 2004 to June 4, 2004  
 WCA-3A Stage (end of week) 8.63 ft. msl  
 Angel's 3.80 ft. msl  
 G3273 4.24 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.61	2.35
S-8	2.44	
S-9	0.01	
S-140	3.07	M
S-12D	1.15	
S-336	0.00	
ENP	M	M
Gage 63	0.27	
Gage 64	1.98	
Gage 65	0.00	
This Week's Avg	1.06	2.35
Pre-Project Avg	1.67	1.59

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

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

Supplemental discharge is 0 cfs  
 Distance to Bottom of Transition Zone 0.84 feet  
 Distance to Bottom of Regulatory Zone 1.40 feet

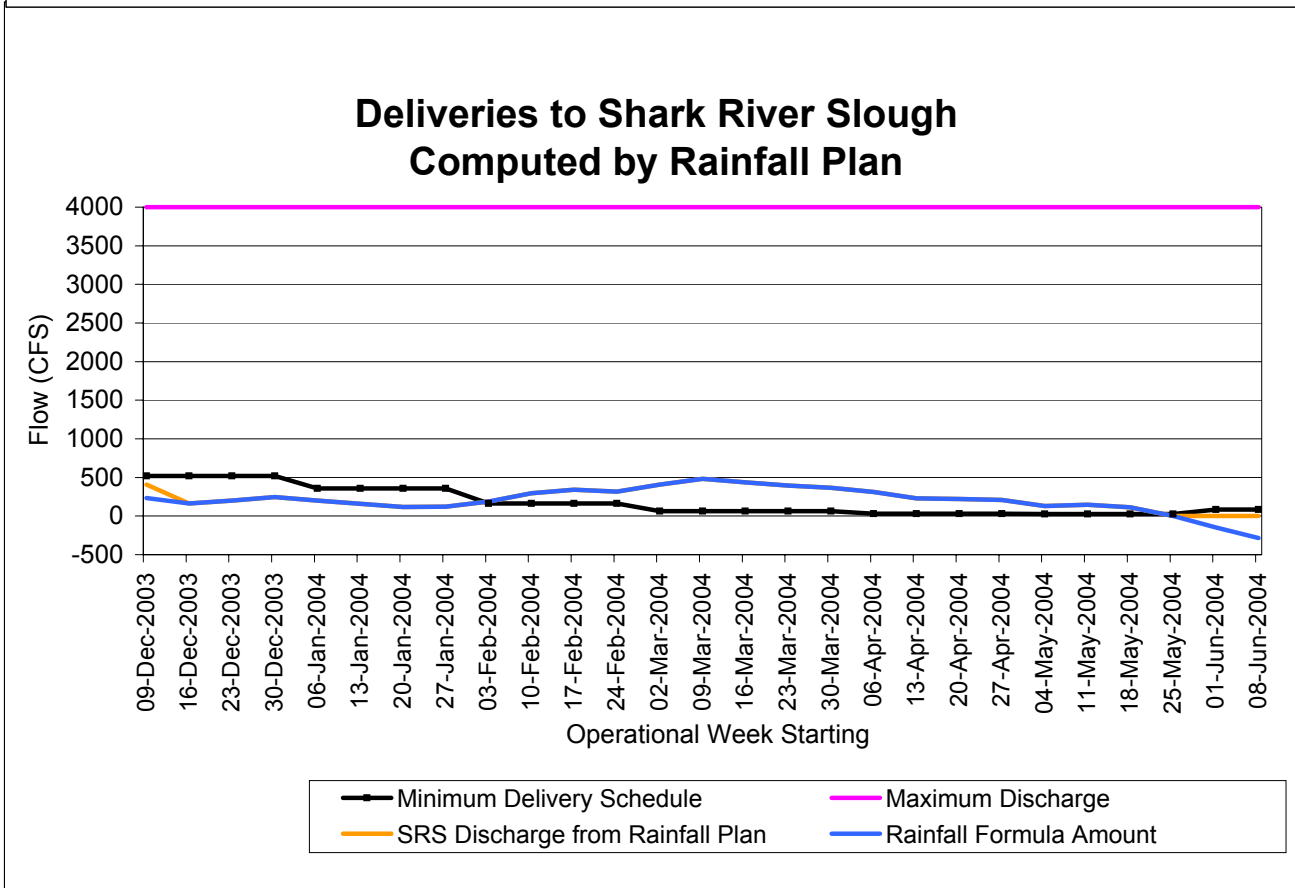
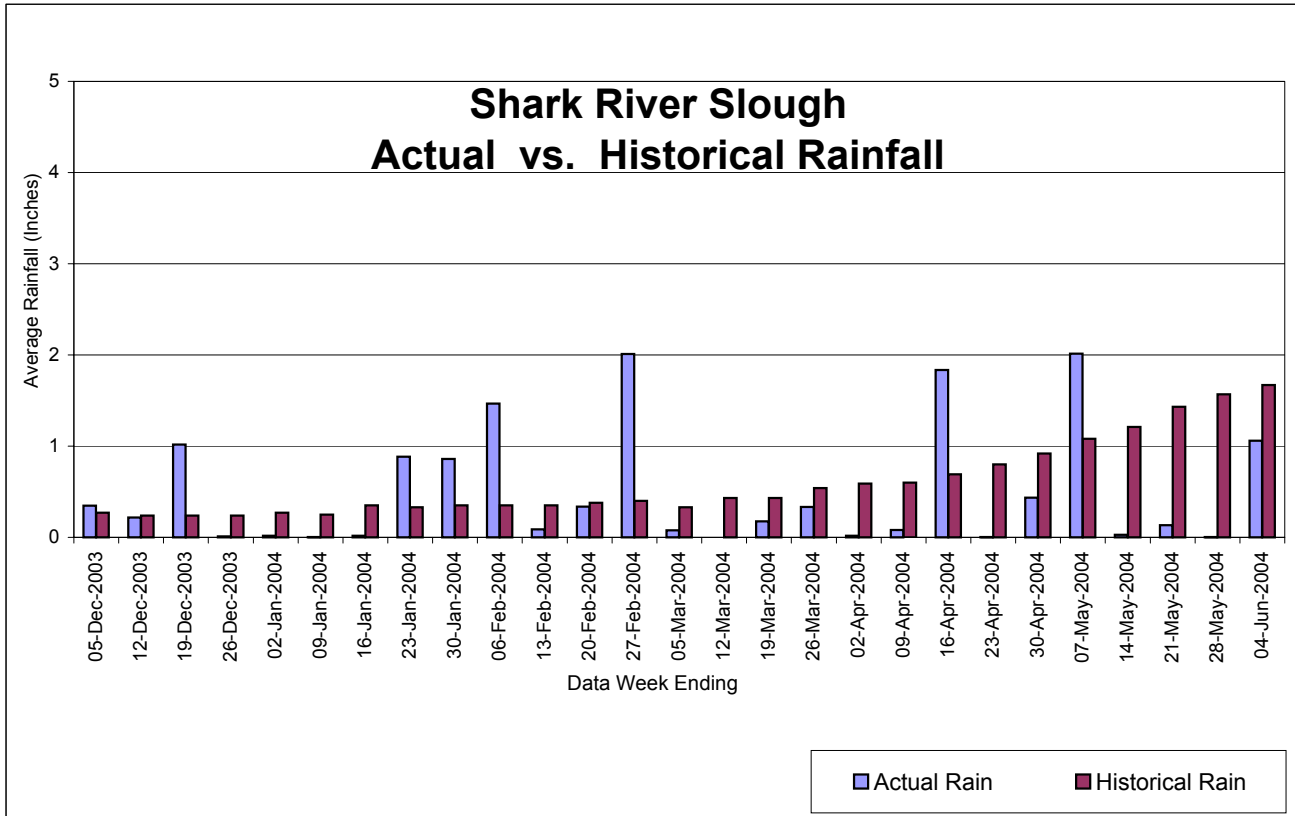
----- Statistical Parameters -----

Rainfall Formula Amount -286 cfs  
 Last Week's Rainfall Formula -148 cfs  
 Pre-Project Mean Discharge 40 cfs

Rainfall Excess Terms  
 RL1 -3.21 RL2 -1.72 RL3 -1.53

**COMMENT: ENP and S-140 Pan Evaporation data are missing. S-7 data only used.**

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 15, 2004 to June 21, 2004 0 cfs

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

----- Data Summary -----  
June 4, 2004 to June 11, 2004  
 WCA-3A Stage (end of week) 8.57 ft. msl  
 Angel's 4.64 ft. msl  
 G3273 5.11 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.14	1.17
S-8	2.00	
S-9	2.63	
S-140	3.40	1.37
S-12D	0.75	
S-336	0.00	
ENP	2.05	M
Gage 63	0.38	
Gage 64	0.42	
Gage 65	0.01	
This Week's Avg	1.18	1.27
Pre-Project Avg	1.83	1.55

----- 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 1.51 feet

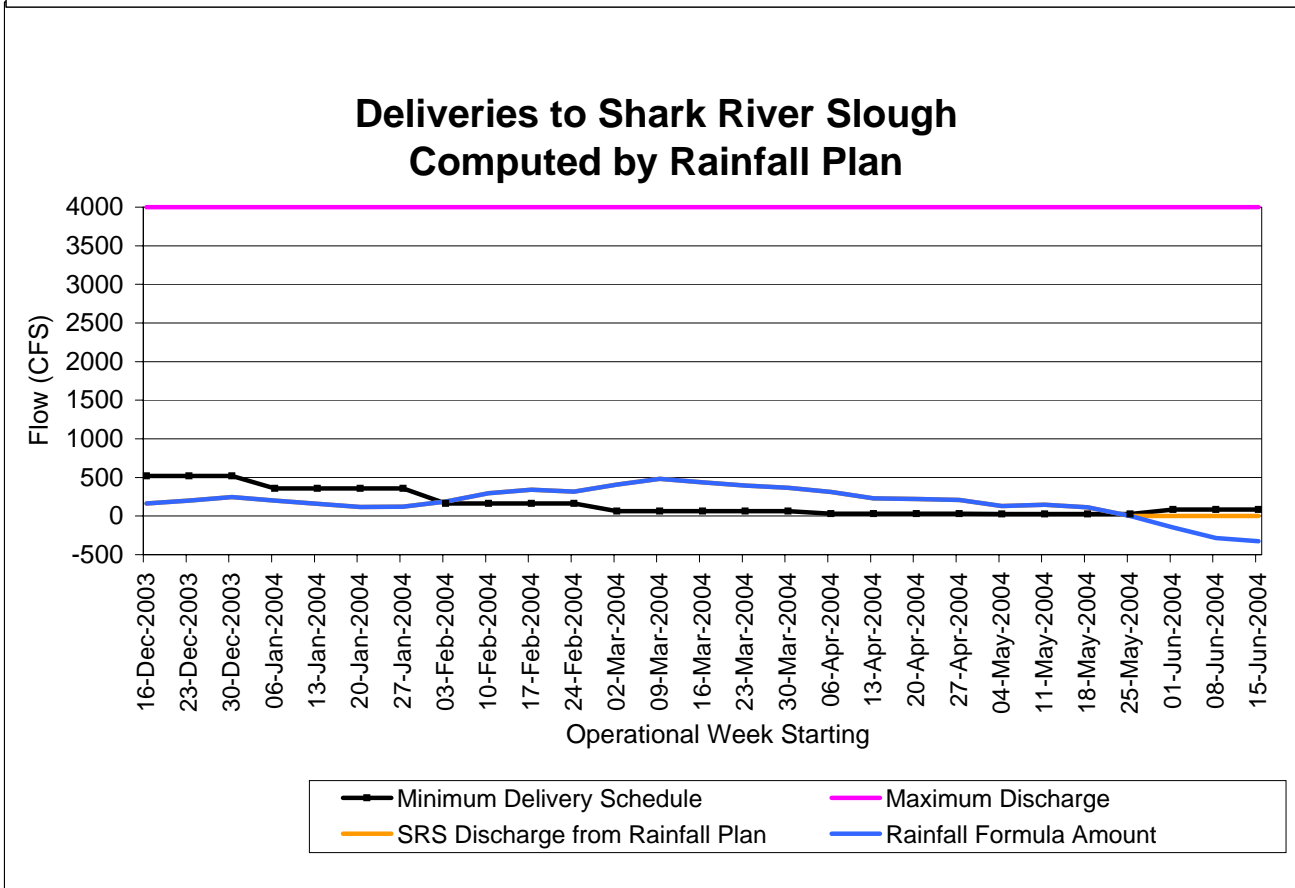
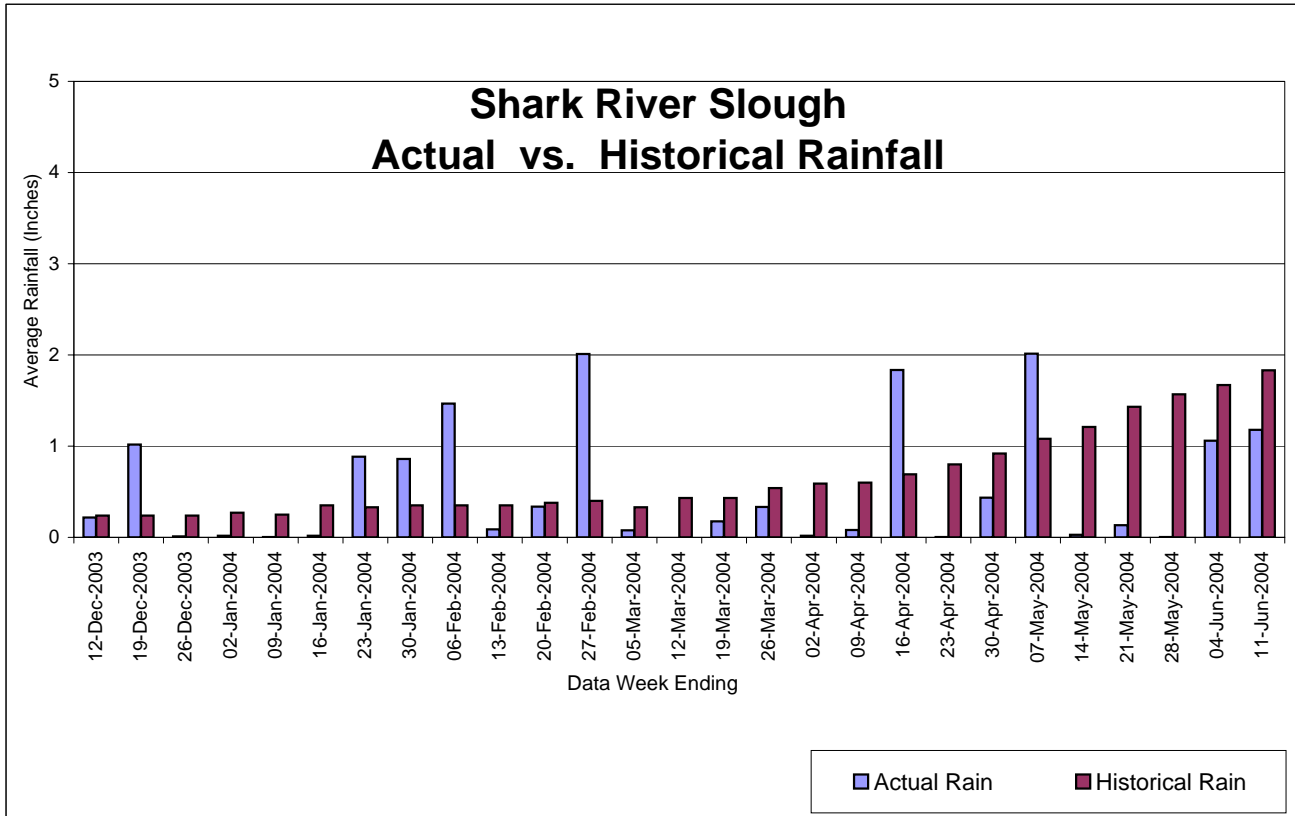
----- Statistical Parameters -----

Rainfall Formula Amount -328 cfs  
 Last Week's Rainfall Formula -286 cfs  
 Pre-Project Mean Discharge 54 cfs

Rainfall Excess Terms  
RL1 -1.65 RL2 -3.41 RL3 -1.17

**COMMENT: ENP Pan Evaporation data are missing. S-7 and S-140 data only used.**

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





## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 22, 2004 to June 28, 2004 0 cfs

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

----- Data Summary ----- June 11, 2004 to June 18, 2004

WCA-3A Stage (end of week)	8.76	ft. msl
Angel's	4.27	ft. msl
G3273	4.92	ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.46	1.56
S-8	1.56	
S-9	0.03	
S-140	1.46	1.73
S-12D	2.42	
S-336	0.01	
ENP	0.36	1.00
Gage 63	1.18	
Gage 64	2.24	
Gage 65	0.00	
<hr/>		
This Week's Avg	1.07	1.43
Pre-Project Avg	1.98	1.51

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

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

Supplemental discharge is	0 cfs
Distance to Bottom of Transition Zone	0.61 feet
Distance to Bottom of Regulatory Zone	1.36 feet

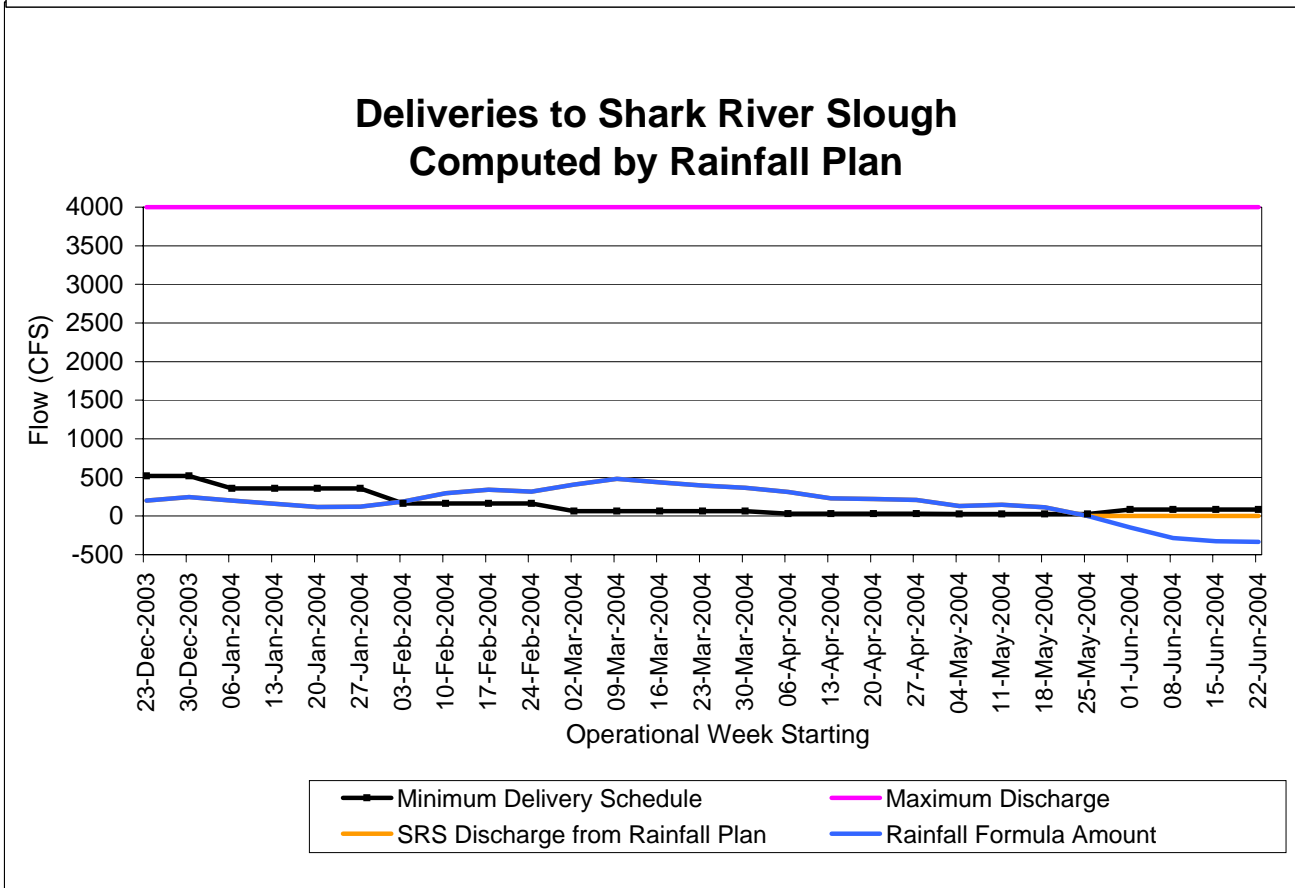
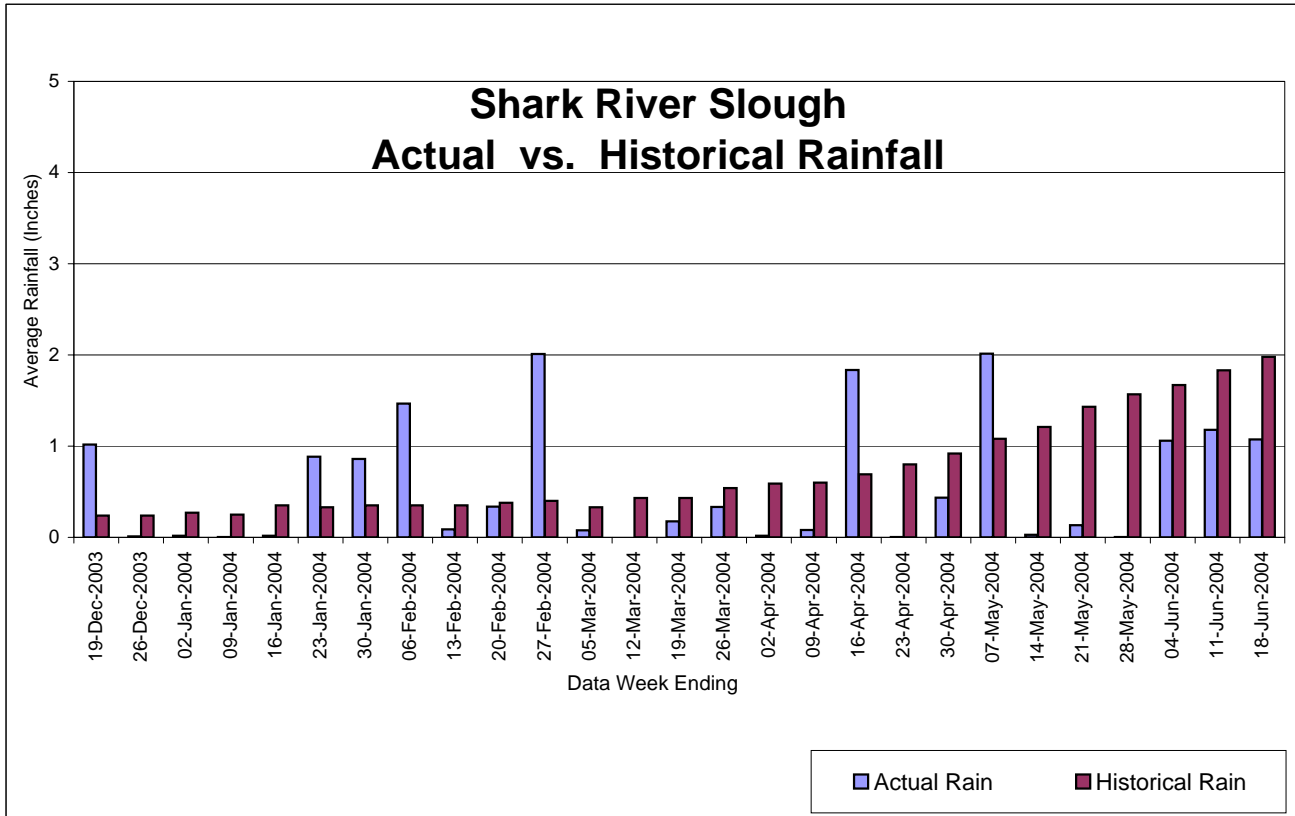
----- Statistical Parameters -----

Rainfall Formula Amount	-334 cfs
Last Week's Rainfall Formula	-328 cfs
Pre-Project Mean Discharge	75 cfs

Rainfall Excess Terms	RL1 -1.27	RL2 -5.35	RL3 0.37
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**COMMENT**

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 29, 2004 to July 5, 2004 0 cfs

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

----- Data Summary ----- June 18, 2004 to June 25, 2004  
 WCA-3A Stage (end of week) 8.62 ft. msl  
 Angel's 4.92 ft. msl  
 G3273 5.69 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.74	M
S-8	0.62	
S-9	0.67	
S-140	1.22	1.71
S-12D	0.00	
S-336	1.73	
ENP	0.00	1.40
Gage 63	0.53	
Gage 64	0.26	
Gage 65	0.00	
This Week's Avg	0.68	1.56
Pre-Project Avg	2.10	1.49

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

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

Supplemental discharge is 0 cfs  
 Distance to Bottom of Transition Zone 0.71 feet  
 Distance to Bottom of Regulatory Zone 1.55 feet

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

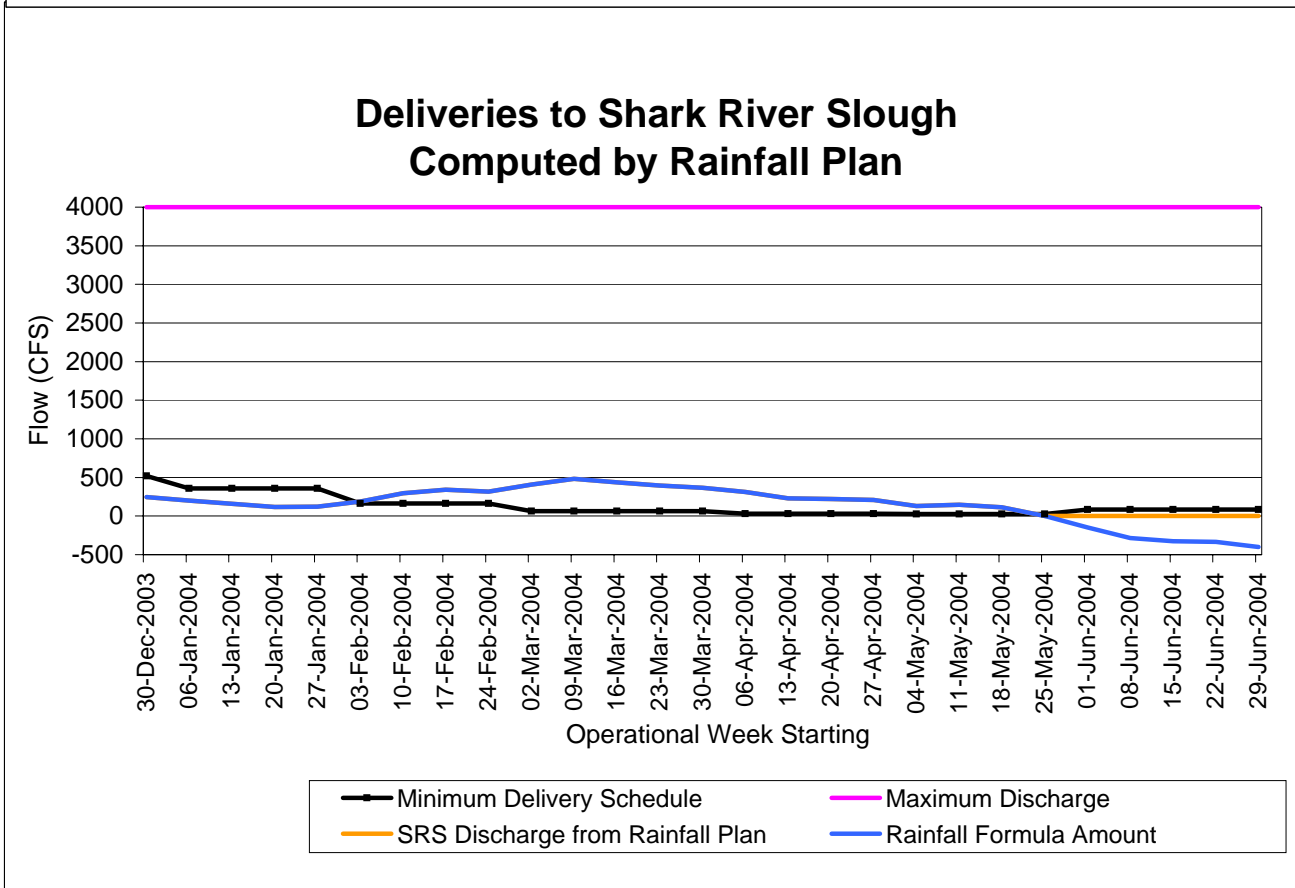
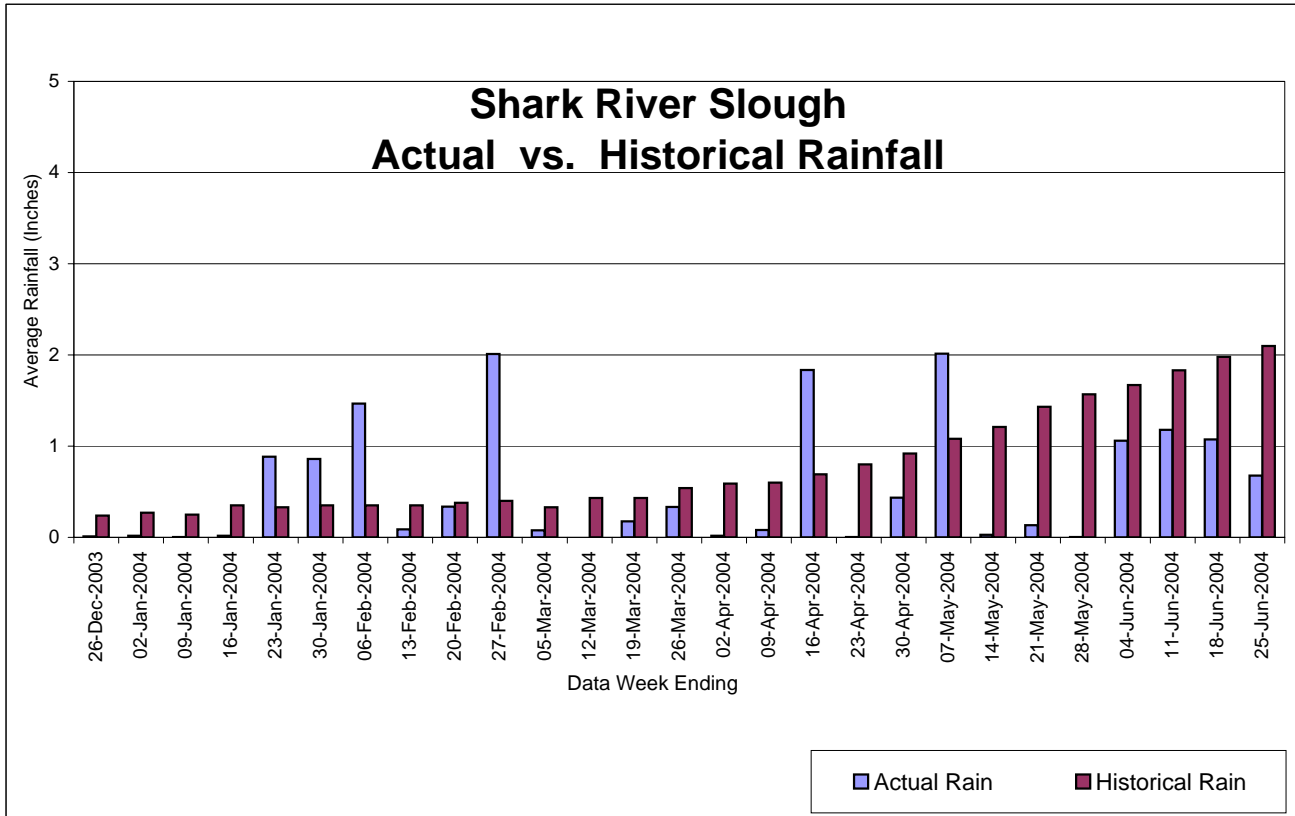
Rainfall Formula Amount -399 cfs  
 Last Week's Rainfall Formula -334 cfs  
 Pre-Project Mean Discharge 94 cfs

Rainfall Excess Terms

RL1 -2.32 RL2 -4.69 RL3 -1.55

**COMMENT: S-7 Pan Evaporation is missing, S-140 and ENP data used.**

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 6, 2004 to July 12, 2004 0 cfs

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

----- Data Summary -----  
 June 25, 2004 to July 2, 2004  
 WCA-3A Stage (end of week) 8.64 ft. msl  
 Angel's 4.40 ft. msl  
 G3273 4.99 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.62	M
S-8	0.31	
S-9	0.00	
S-140	2.99	1.76
S-12D	0.00	
S-336	1.30	
ENP	2.36	0.93
Gage 63	0.10	
Gage 64	1.38	
Gage 65	0.00	
This Week's Avg	1.11	1.35
Pre-Project Avg	2.05	1.45

----- 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 1.58 feet

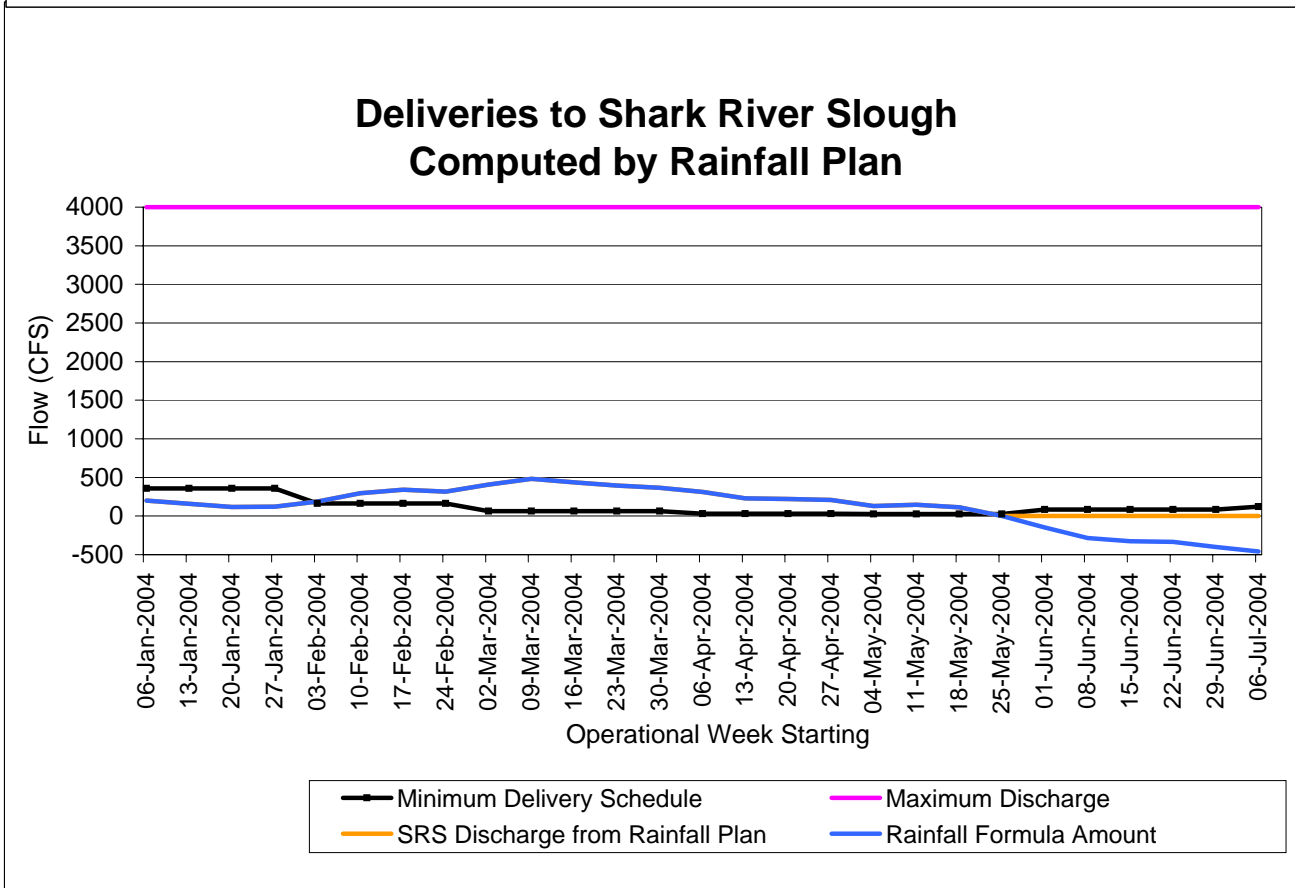
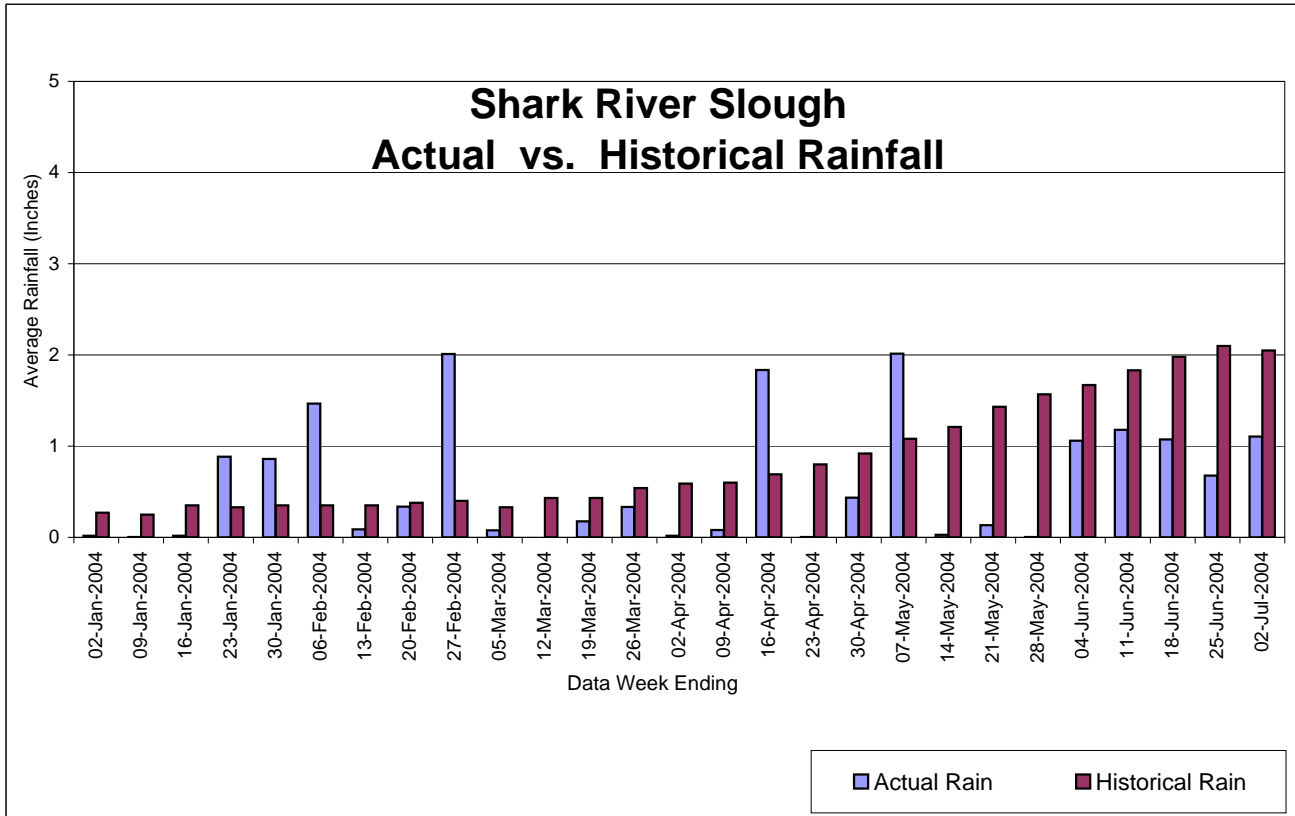
----- Statistical Parameters -----

Rainfall Formula Amount -457 cfs  
 Last Week's Rainfall Formula -399 cfs  
 Pre-Project Mean Discharge 111 cfs

Rainfall Excess Terms  
 RL1 -2.34 RL2 -4.48 RL3 -1.72

**COMMENT: S-7 Pan Evaporation is missing, S-140 and ENP data used.**

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 13, 2004 to July 19, 2004 0 cfs

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

----- Data Summary ----- July 2, 2004 to July 9, 2004  
 WCA-3A Stage (end of week) 8.92 ft. msl  
 Angel's 4.36 ft. msl  
 G3273 5.16 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.18	1.27
S-8	1.23	
S-9	0.41	
S-140	0.33	1.48
S-12D	0.00	
S-336	0.75	
ENP	0.50	1.02
Gage 63	0.00	
Gage 64	0.41	
Gage 65	0.03	
This Week's Avg	0.38	1.26
Pre-Project Avg	1.93	1.45

----- 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 1.34 feet

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

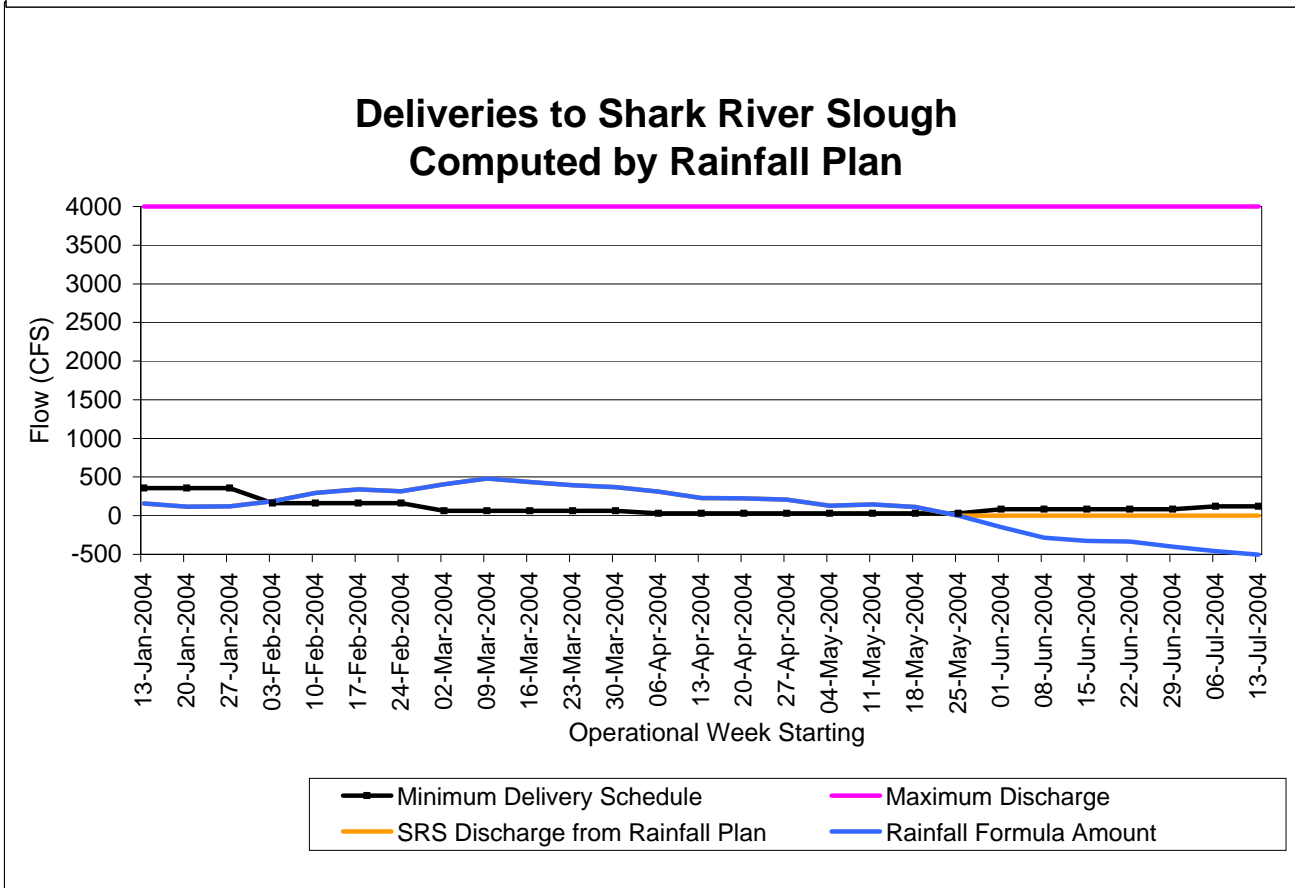
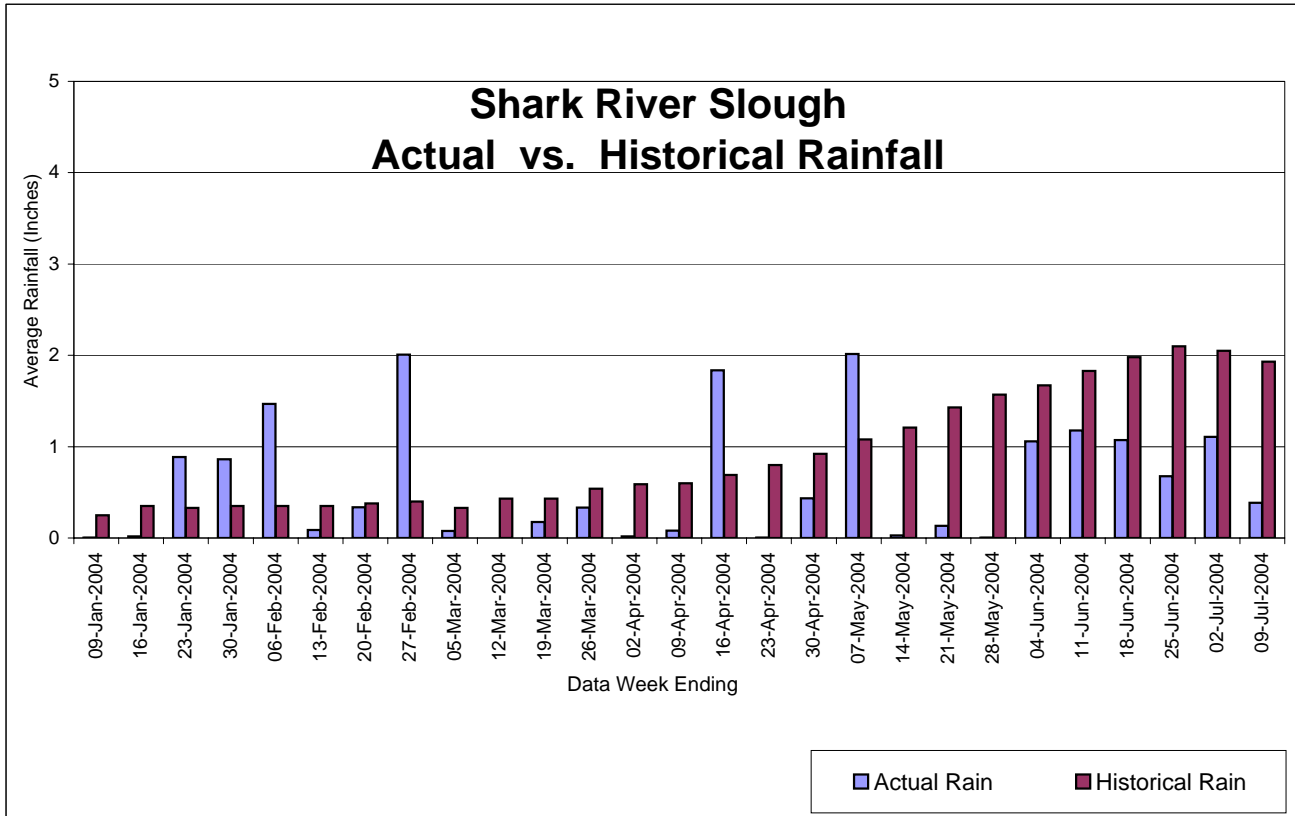
Rainfall Formula Amount -505 cfs  
 Last Week's Rainfall Formula -457 cfs  
 Pre-Project Mean Discharge 128 cfs

Rainfall Excess Terms

RL1 -2.25	RL2 -3.97	RL3 -3.41
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COMMENT:

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





## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 20, 2004 to July 26, 2004 0 cfs

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

----- Data Summary ----- July 9, 2004 to July 16, 2004  
 WCA-3A Stage (end of week) 9.05 ft. msl  
 Angel's 4.40 ft. msl  
 G3273 5.32 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.45	1.50
S-8	1.42	
S-9	1.72	
S-140	0.46	1.70
S-12D	0.36	
S-336	1.40	
ENP	4.22	M
Gage 63	0.00	
Gage 64	2.17	
Gage 65	1.05	
This Week's Avg	1.53	1.60
Pre-Project Avg	1.95	1.43

----- 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 1.26 feet

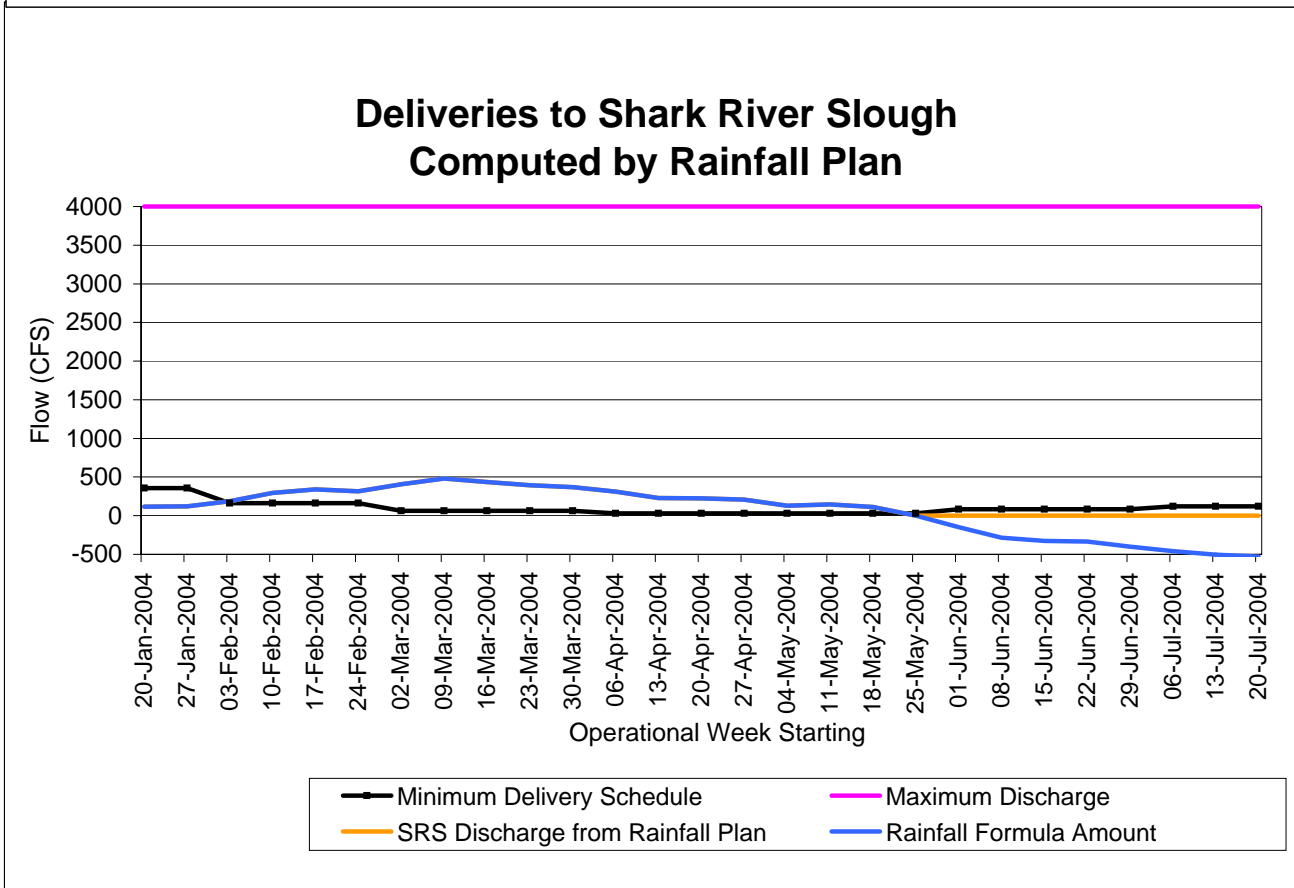
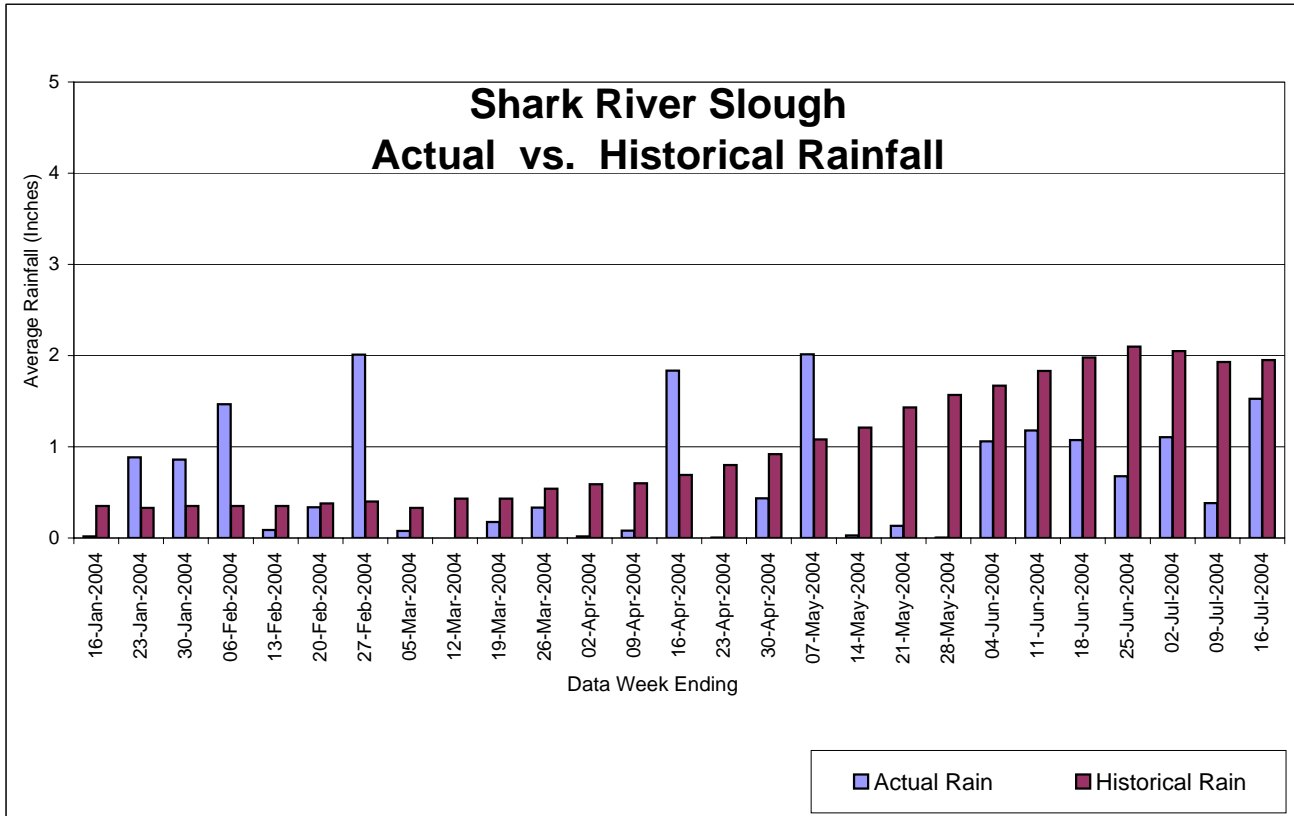
----- Statistical Parameters -----

Rainfall Formula Amount -528 cfs  
 Last Week's Rainfall Formula -505 cfs  
 Pre-Project Mean Discharge 148 cfs

Rainfall Excess Terms  
 RL1 -1.95 RL2 -3.61 RL3 -5.35

**COMMENT: S7 and S-140 evaporation data was used. ENP station evaporation data was missing.**

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 27, 2004 to August 2, 2004 0 cfs

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

----- Data Summary ----- July 16, 2004 to July 23, 2004  
 WCA-3A Stage (end of week) 9.06 ft. msl  
 Angel's 4.81 ft. msl  
 G3273 5.30 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	1.01
S-8	M	
S-9	M	
S-140	1.67	1.55
S-12D	1.16	
S-336	0.48	
ENP	1.61	M
Gage 63	0.00	
Gage 64	0.28	
Gage 65	1.15	
This Week's Avg	0.91	1.28
Pre-Project Avg	1.92	1.42

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

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

Supplemental discharge is 0 cfs  
 Distance to Bottom of Transition Zone 0.29 feet  
 Distance to Bottom of Regulatory Zone 1.29 feet

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

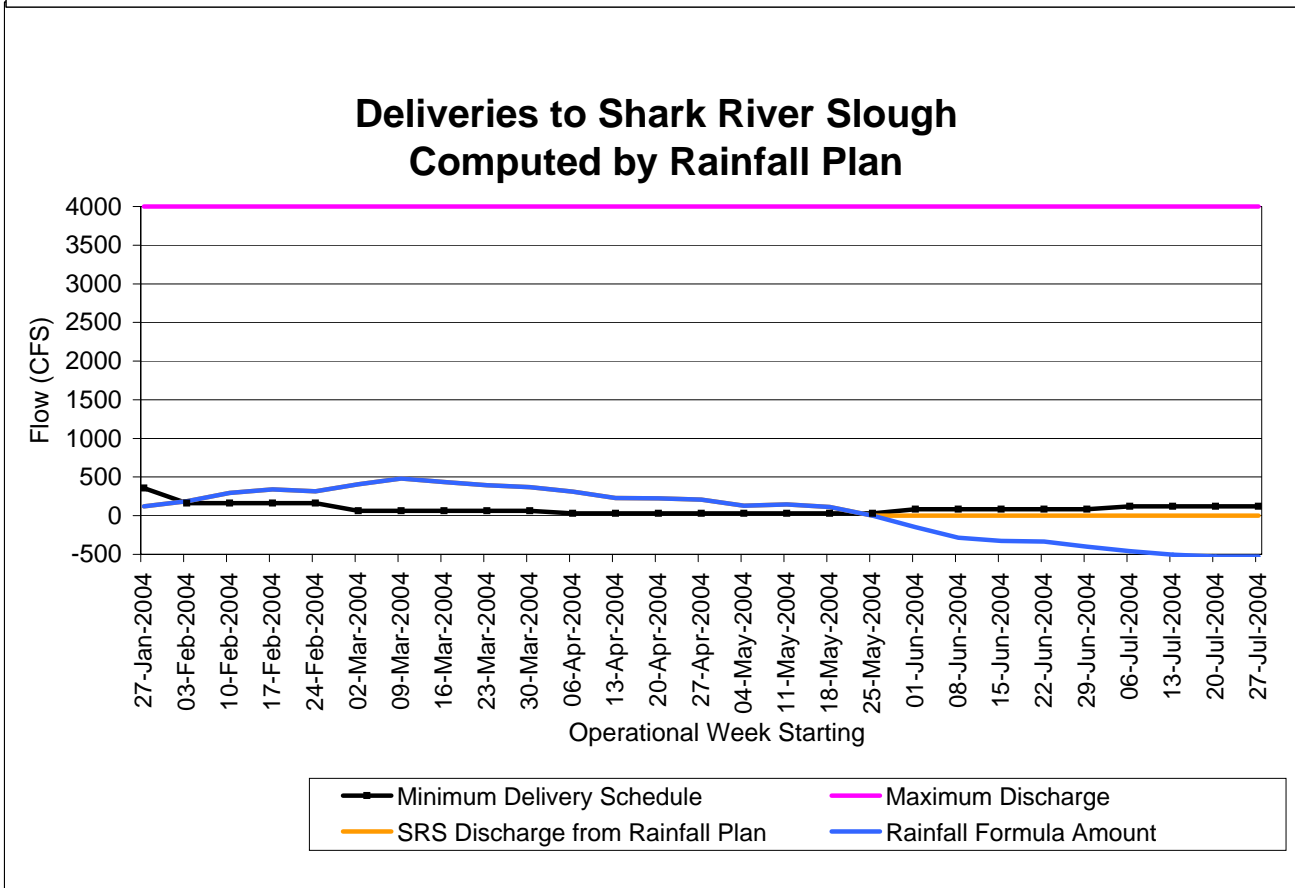
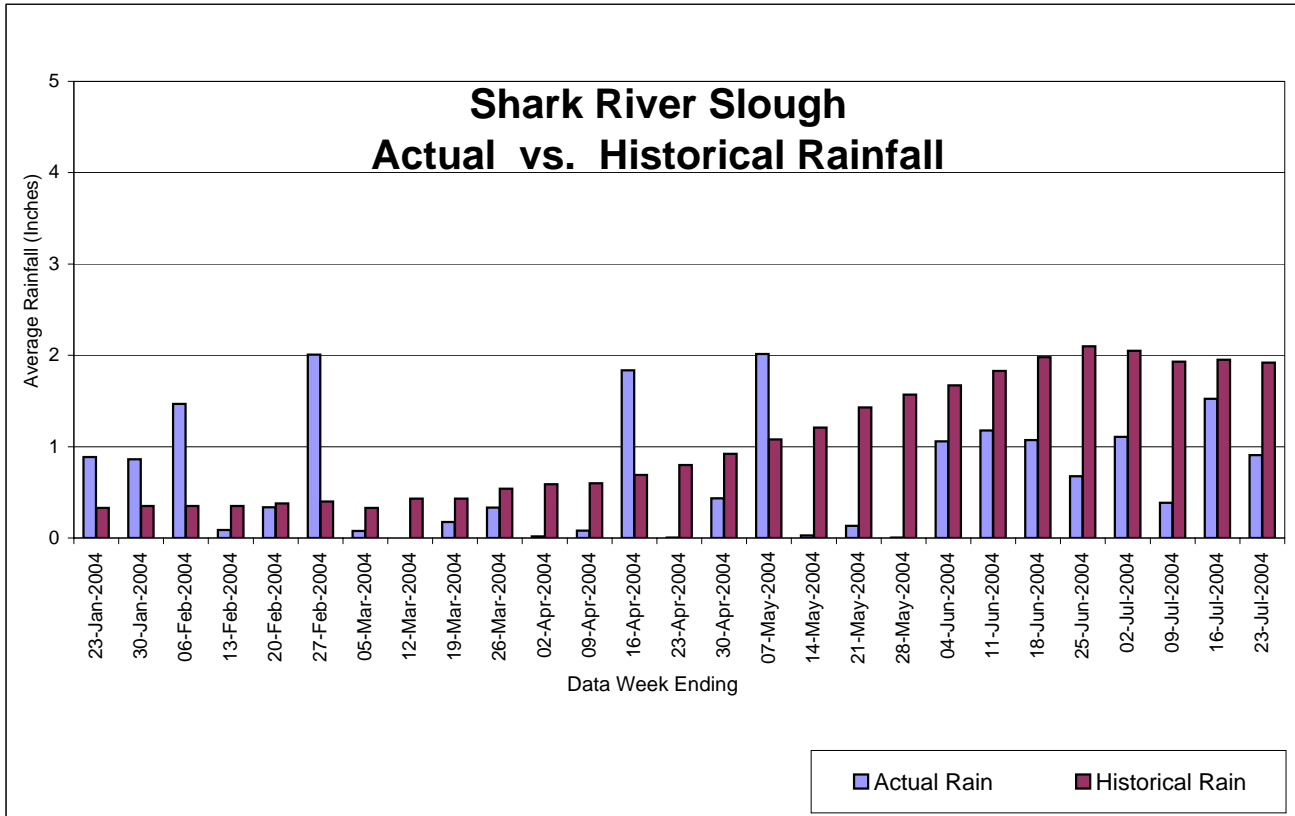
Rainfall Formula Amount -527 cfs  
 Last Week's Rainfall Formula -528 cfs  
 Pre-Project Mean Discharge 162 cfs

Rainfall Excess Terms

RL1 -1.46	RL2 -4.57	RL3 -4.69
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COMMENT:

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow August 3, 2004 to August 9, 2004 0 cfs

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

----- Data Summary ----- July 23, 2004 to July 30, 2004  
 WCA-3A Stage (end of week) 9.30 ft. msl  
 Angel's 5.55 ft. msl  
 G3273 5.42 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.02	1.33
S-8	1.79	
S-9	0.97	
S-140	6.23	M
S-12D	0.90	
S-336	5.11	
ENP	3.06	M
Gage 63	M	
Gage 64	0.35	
Gage 65	0.83	
This Week's Avg	2.36	1.33
Pre-Project Avg	1.83	1.42

----- 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 1.10 feet

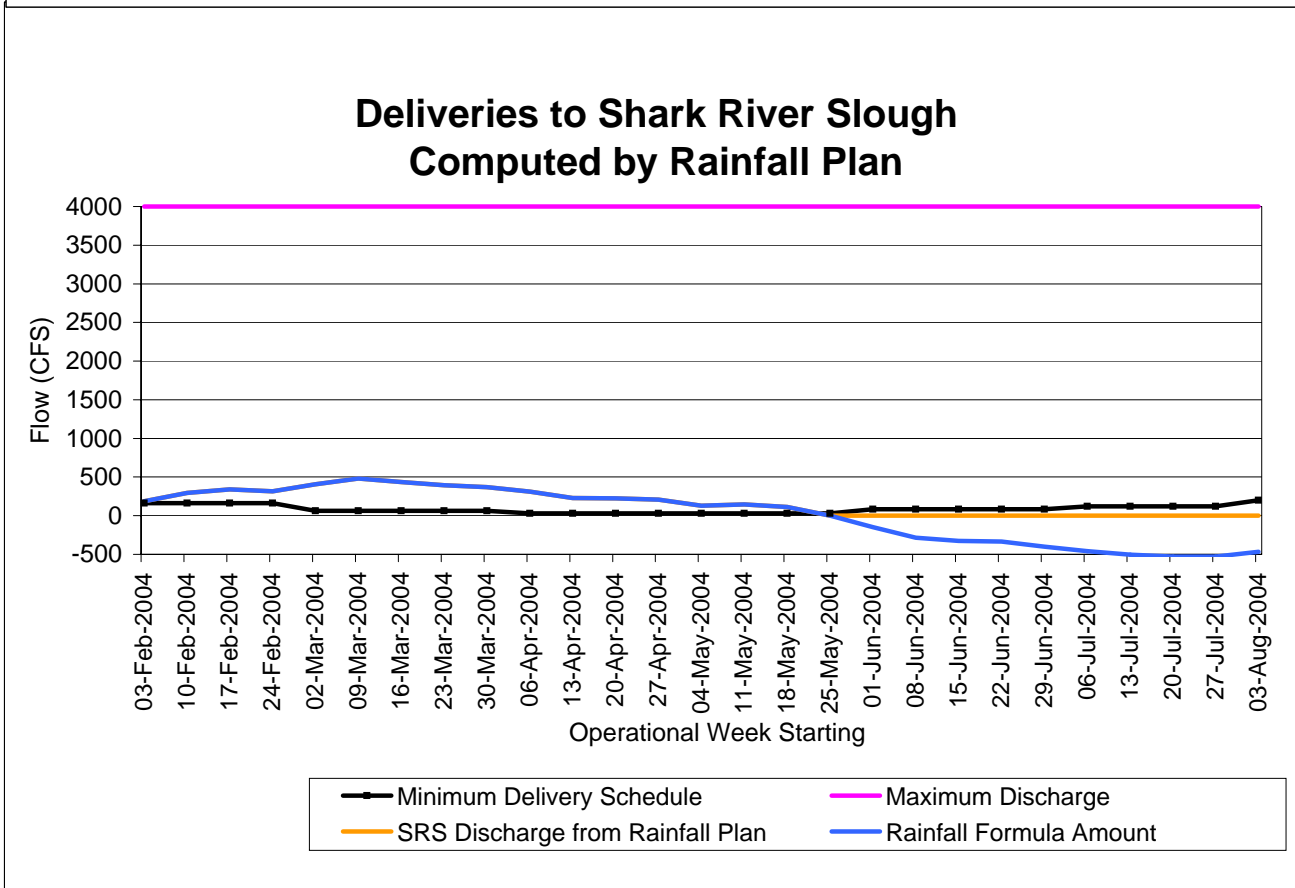
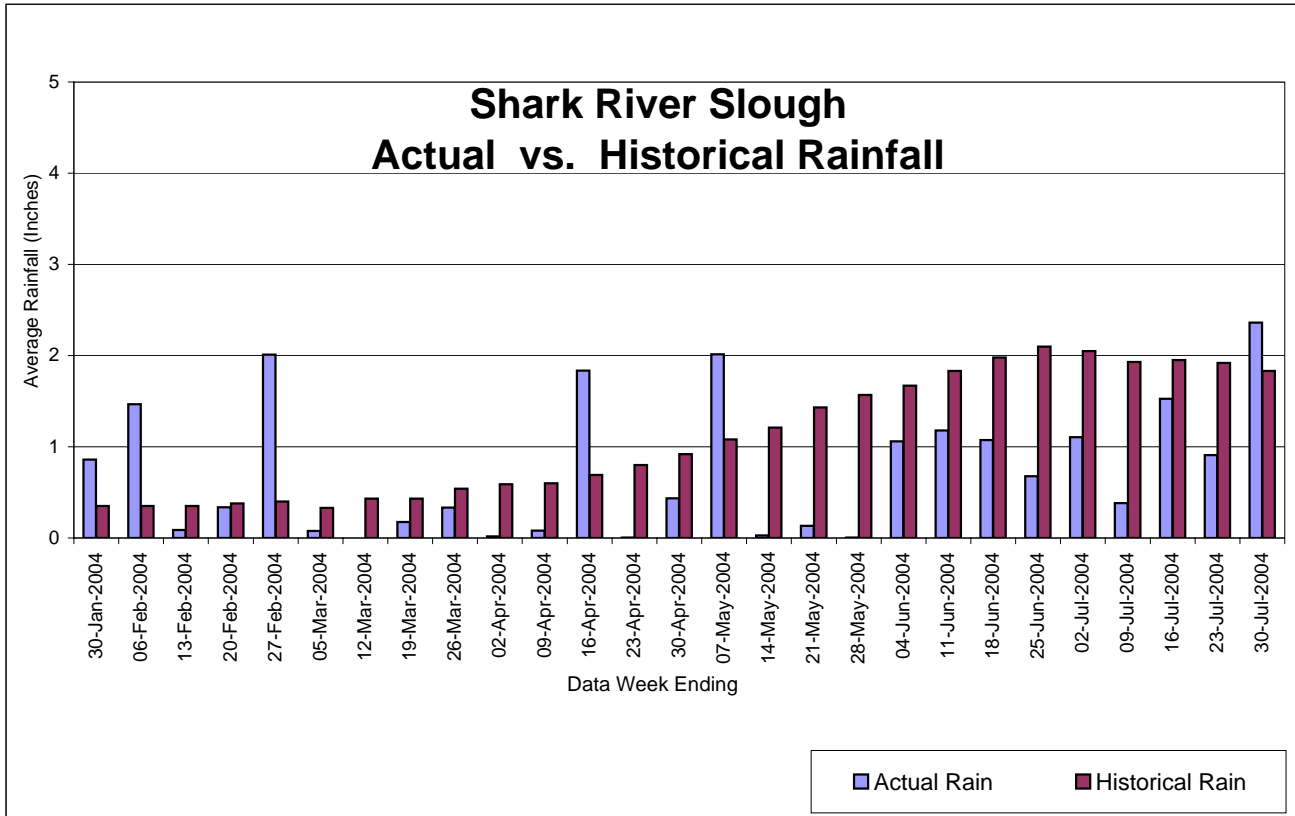
----- Statistical Parameters -----

Rainfall Formula Amount -466 cfs  
 Last Week's Rainfall Formula -527 cfs  
 Pre-Project Mean Discharge 175 cfs

Rainfall Excess Terms  
 RL1 -0.29 RL2 -4.29 RL3 -4.48

**COMMENT: S7 evaporation data was used. S140 and ENP station evaporation 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, 2004 to August 16, 2004 364 cfs

S-12 Discharge 164 cfs  
 S-333 Discharge 200 cfs

----- Data Summary -----  
 July 30, 2004 to August 6, 2004  
 WCA-3A Stage (end of week) 9.59 ft. msl  
 Angel's 6.80 ft. msl  
 G3273 6.70 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	M	M
S-8	2.41	
S-9	3.36	
S-140	4.35	1.60
S-12D	2.81	
S-336	5.18	
ENP	5.51	M
Gage 63	M	
Gage 64	M	
Gage 65	4.76	
This Week's Avg	4.05	1.60
Pre-Project Avg	1.72	1.42

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

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

Supplemental discharge is 364 cfs  
 Distance to Bottom of Transition Zone -0.15 feet  
 Distance to Bottom of Regulatory Zone 0.85 feet

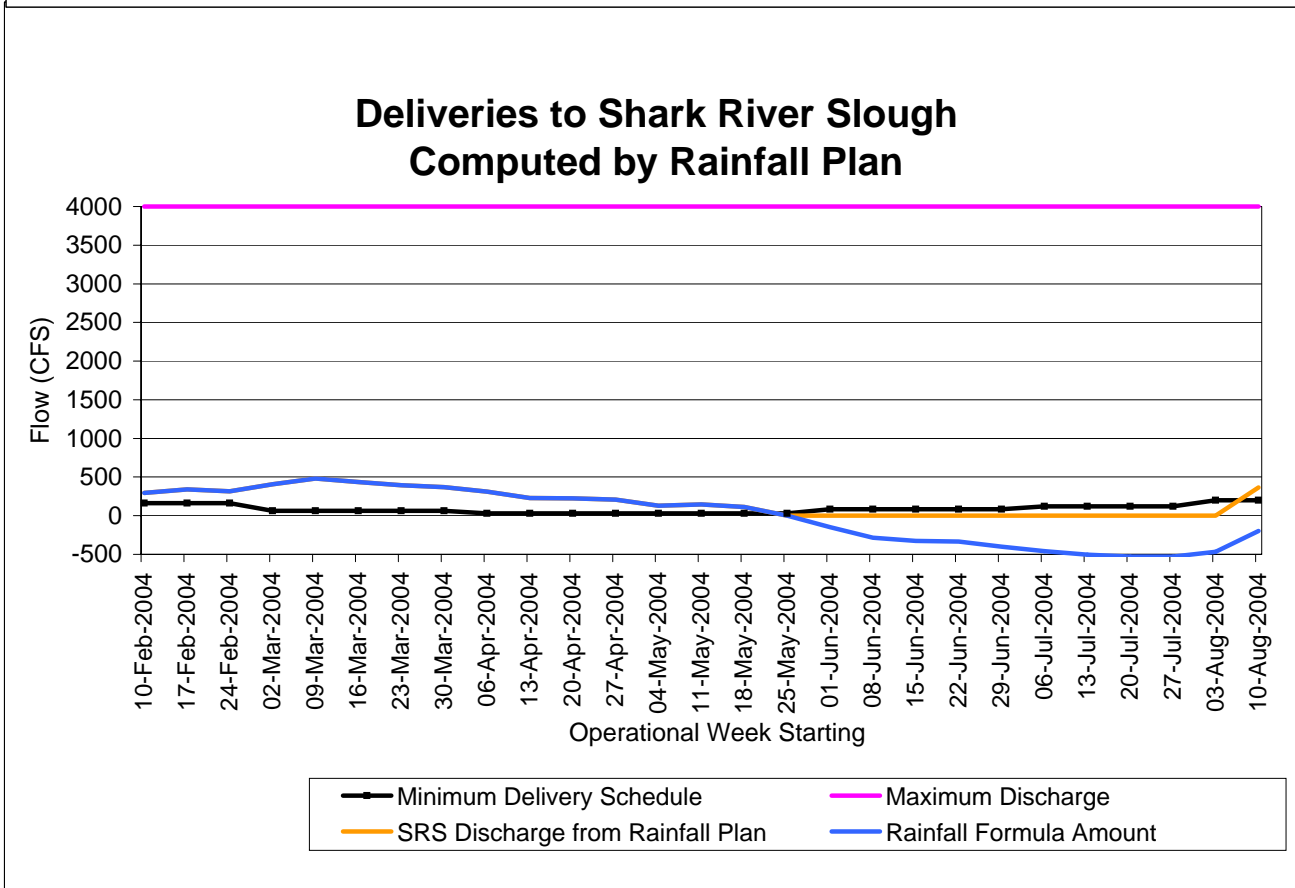
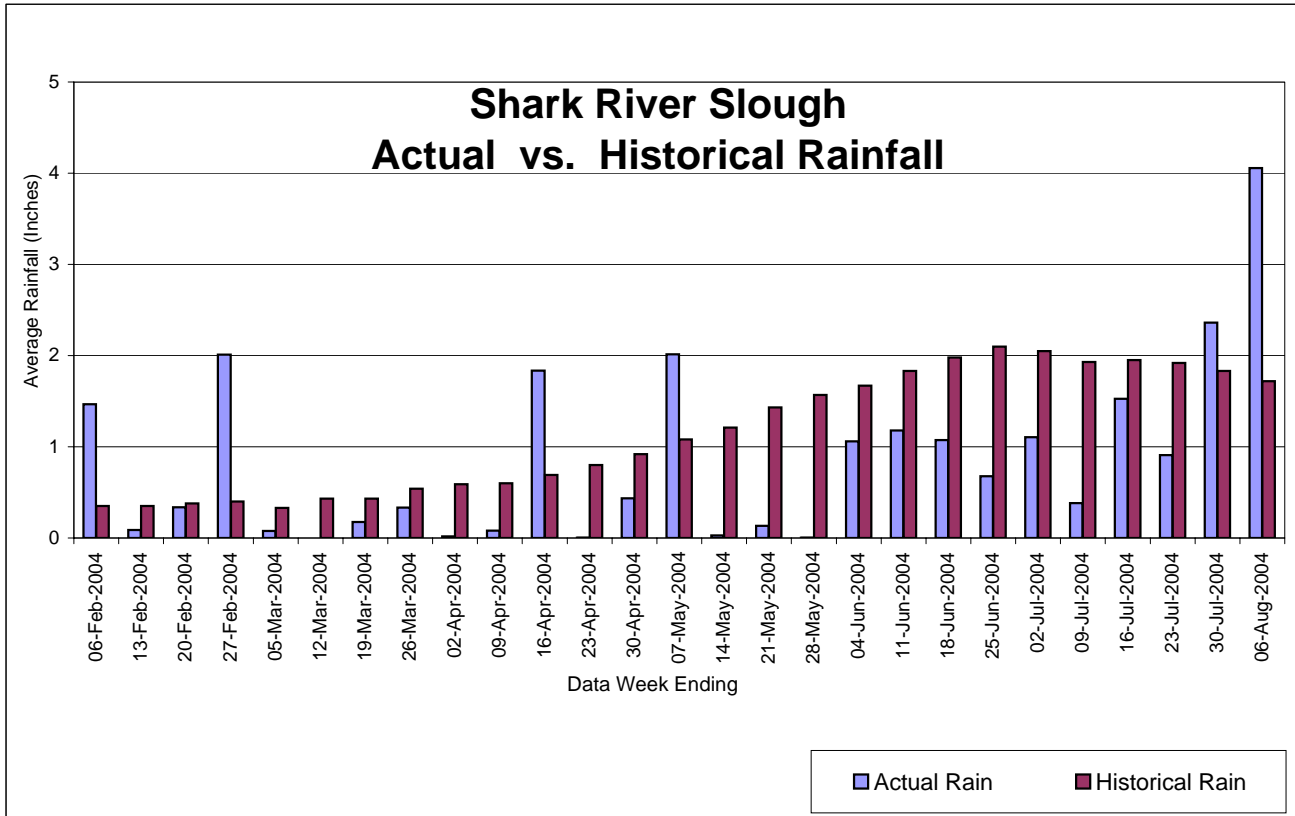
----- Statistical Parameters -----

Rainfall Formula Amount -198 cfs  
 Last Week's Rainfall Formula -466 cfs  
 Pre-Project Mean Discharge 185 cfs

Rainfall Excess Terms  
 RL1 2.80 RL2 -3.71 RL3 -3.97

**COMMENT: S140 evaporation data was used. S7 and ENP station evaporation 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 17, 2004 to August 23, 2004 475 cfs

S-12 Discharge 214 cfs  
 S-333 Discharge 261 cfs

----- Data Summary -----  
 August 6, 2004 to August 13, 2004  
 WCA-3A Stage (end of week) 9.68 ft. msl  
 Angel's 6.35 ft. msl  
 G3273 6.75 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.38	1.23
S-8	0.46	
S-9	1.98	
S-140	2.34	1.66
S-12D	1.45	
S-336	0.53	
ENP	1.03	M
Gage 63	M	
Gage 64	0.45	
Gage 65	2.01	
This Week's Avg	1.18	1.44
Pre-Project Avg	1.70	1.39

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

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

Supplemental discharge is 475 cfs  
 Distance to Bottom of Transition Zone -0.19 feet  
 Distance to Bottom of Regulatory Zone 0.81 feet

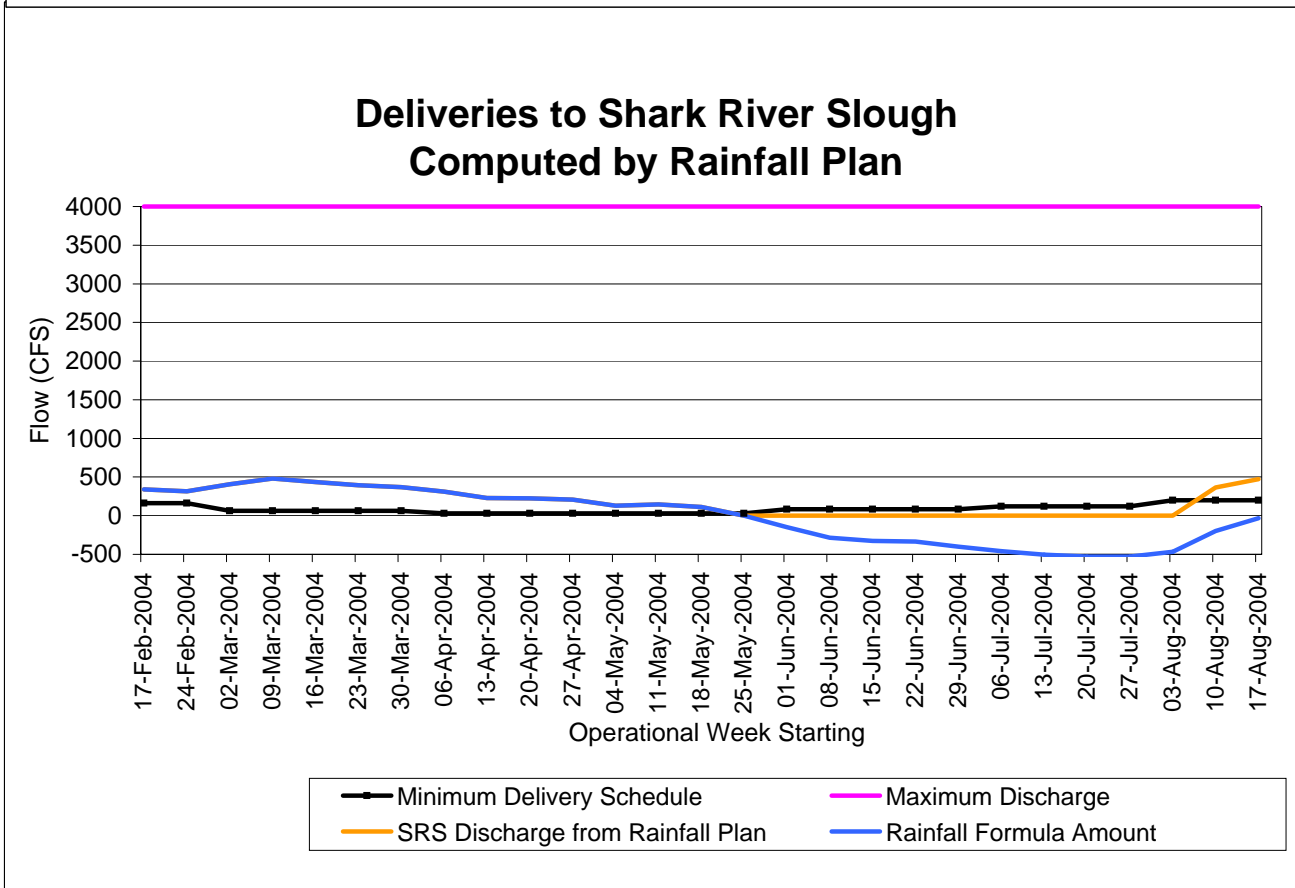
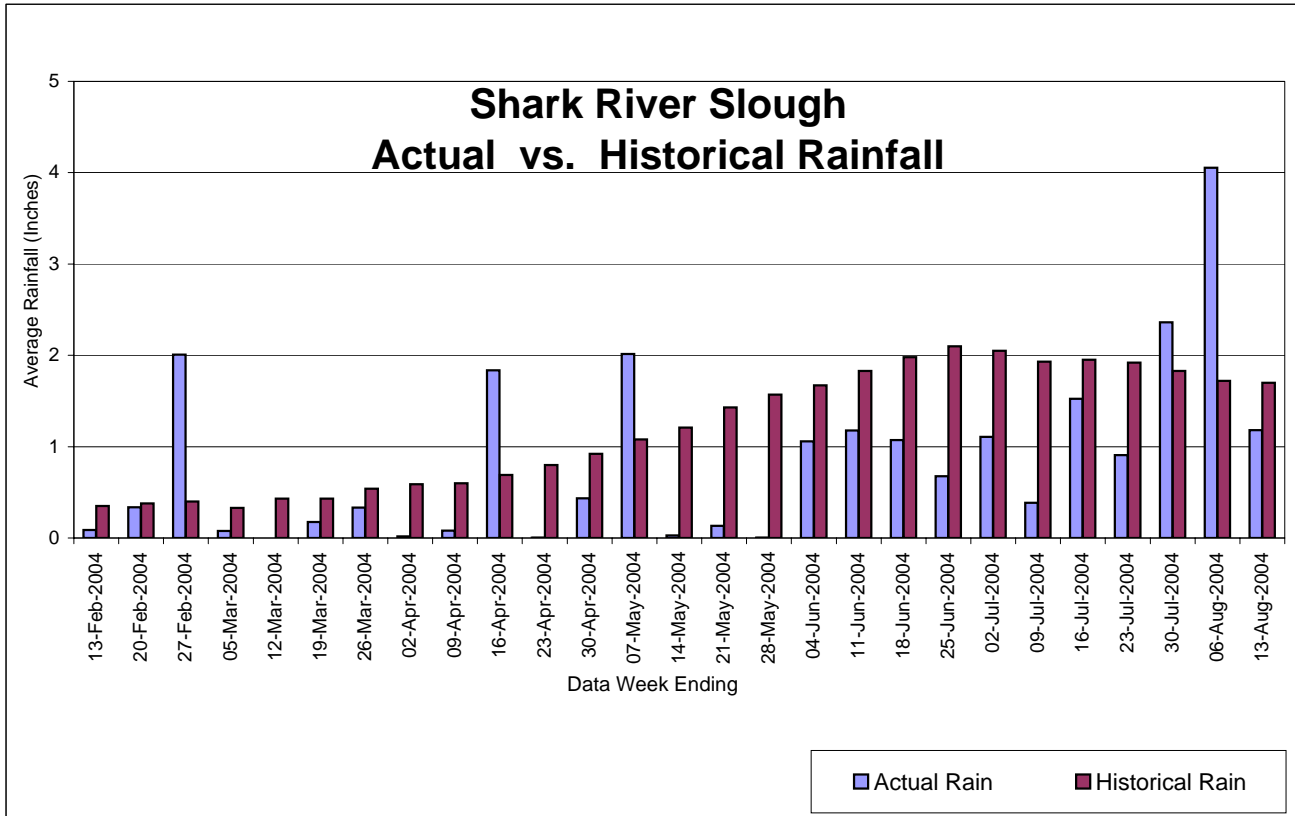
----- Statistical Parameters -----

Rainfall Formula Amount -33 cfs  
 Last Week's Rainfall Formula -198 cfs  
 Pre-Project Mean Discharge 199 cfs

Rainfall Excess Terms  
 RL1 1.63 RL2 -2.24 RL3 -3.61

**COMMENT:** S7 and S140 evaporation data were used. ENP station evaporation 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, 2004 to August 30, 2004 1223 cfs

S-12 Discharge 550 cfs  
 S-333 Discharge 673 cfs

----- Data Summary -----  
 August 13, 2004 to August 20, 2004  
 WCA-3A Stage (end of week) 10.02 ft. msl  
 Angel's 6.06 ft. msl  
 G3273 6.69 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.36	M
S-8	2.98	
S-9	1.22	
S-140	2.29	1.64
S-12D	3.69	
S-336	0.12	
ENP	4.52	M
Gage 63	M	
Gage 64	M	
Gage 65	0.77	
This Week's Avg	2.24	1.64
Pre-Project Avg	1.73	1.40

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

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

Supplemental discharge is 1210 cfs  
 Distance to Bottom of Transition Zone -0.48 feet  
 Distance to Bottom of Regulatory Zone 0.52 feet

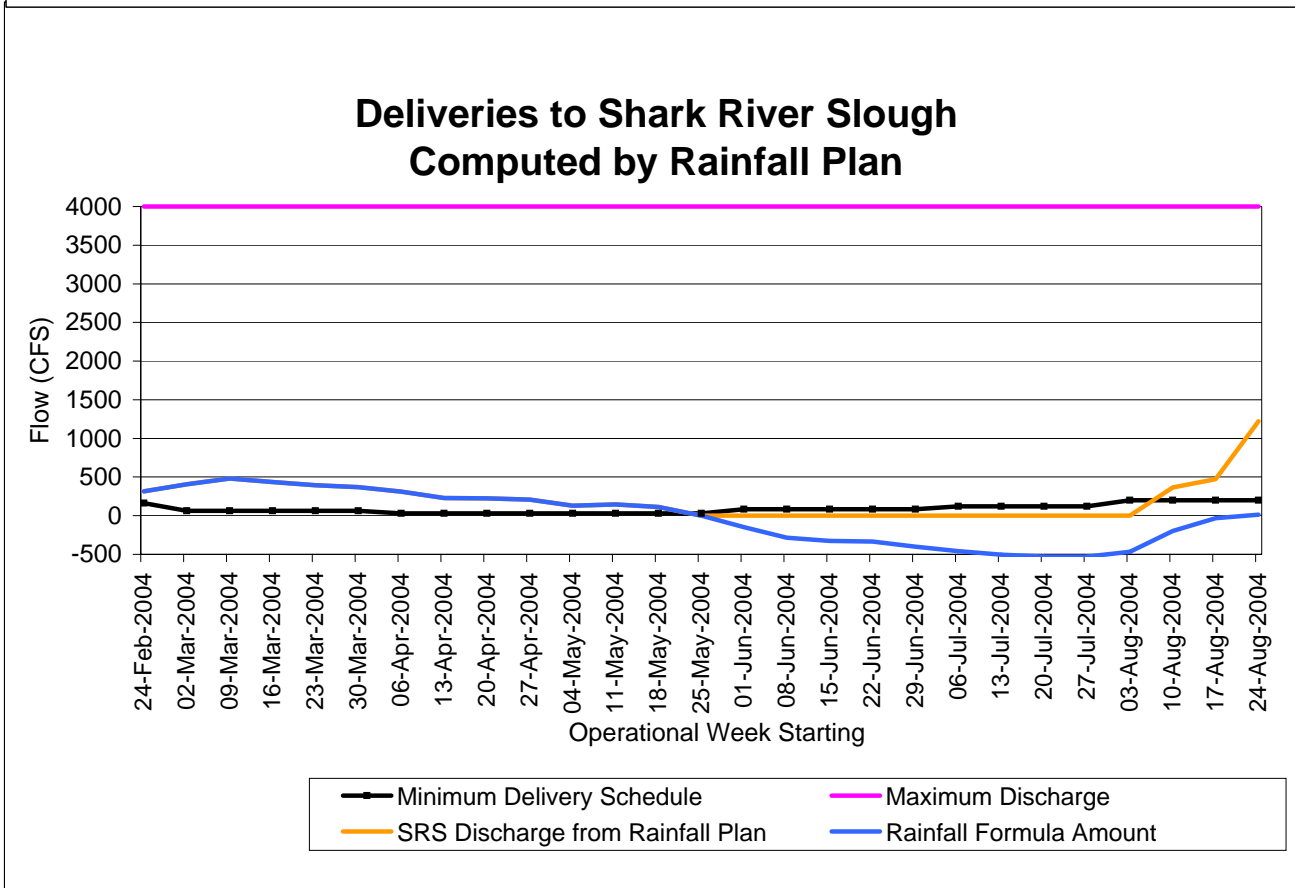
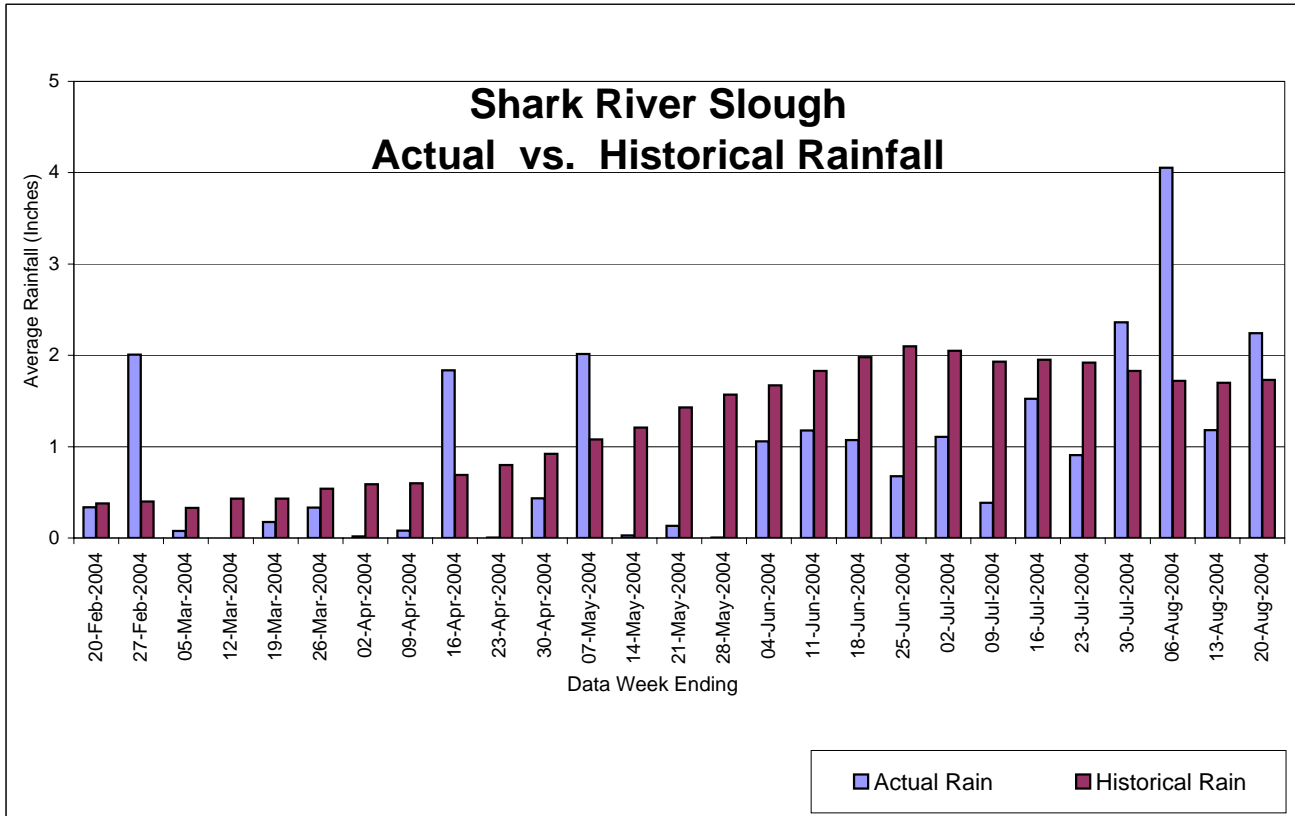
----- Statistical Parameters -----

Rainfall Formula Amount 13 cfs  
 Last Week's Rainfall Formula -33 cfs  
 Pre-Project Mean Discharge 223 cfs

Rainfall Excess Terms  
 RL1 -0.24 RL2 1.34 RL3 -4.57

**COMMENT: S140 evaporation data were used. S7 and ENP station evaporation 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, 2004 to September 6, 2004 **2153 cfs**

S-12 Discharge 969 cfs  
 S-333 Discharge 1184 cfs

----- Data Summary ----- August 20, 2004 to August 27, 2004  
 WCA-3A Stage (end of week) 10.38 ft. msl  
 Angel's 6.66 ft. msl  
 G3273 6.93 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.64	M
S-8	7.83	
S-9	2.26	
S-140	2.50	1.65
S-12D	1.61	
S-336	2.92	
ENP	3.55	M
Gage 63	1.81	
Gage 64	M	
Gage 65	1.12	
This Week's Avg	2.92	1.65
Pre-Project Avg	1.89	1.36

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

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

Supplemental discharge is 1996 cfs  
 Distance to Bottom of Transition Zone -0.80 feet  
 Distance to Bottom of Regulatory Zone 0.20 feet

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

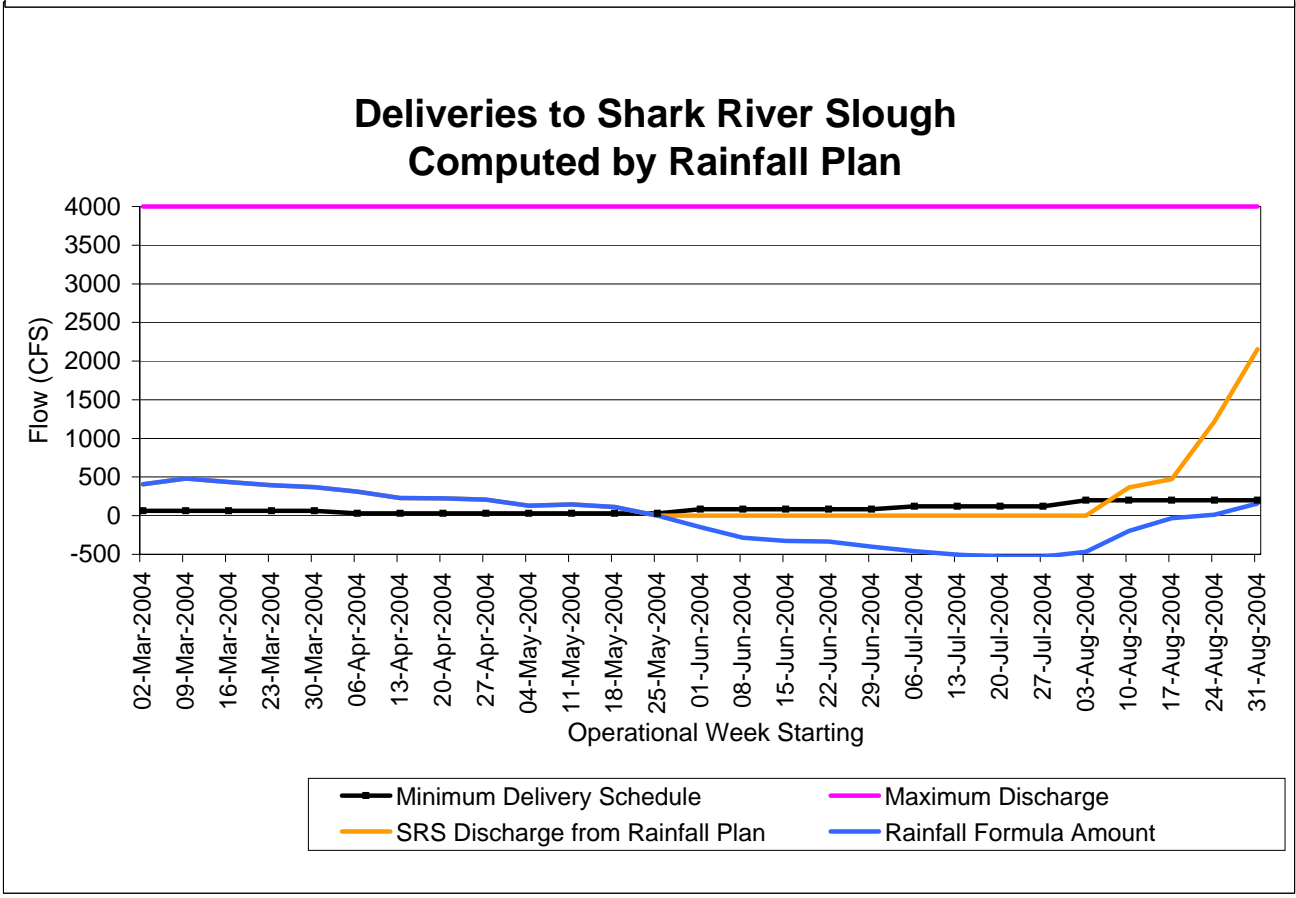
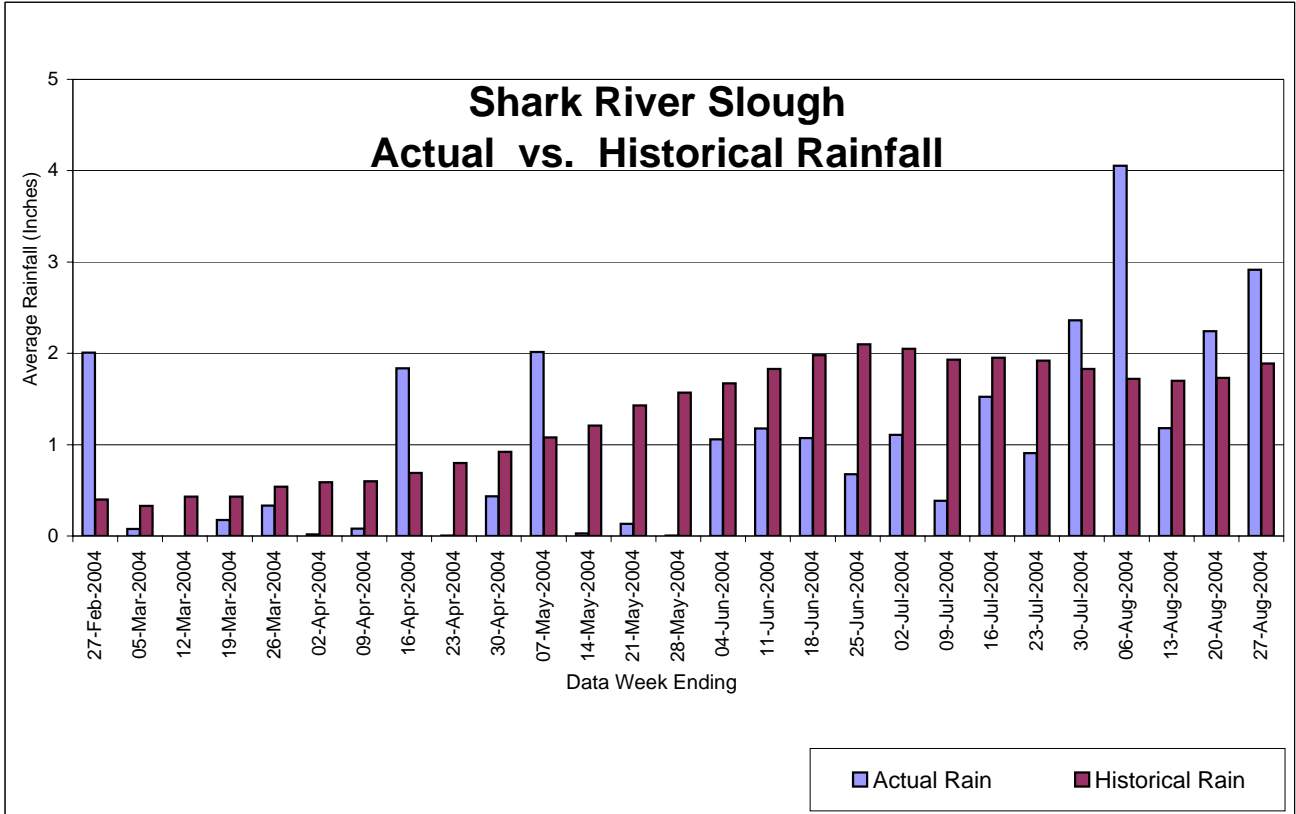
Rainfall Formula Amount 157 cfs  
 Last Week's Rainfall Formula 13 cfs  
 Pre-Project Mean Discharge 257 cfs

Rainfall Excess Terms

RL1	1.12	RL2	1.34	RL3	-4.29
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**COMMENT: S140 evaporation data were used. S7 and ENP station evaporation 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, 2004 to September 13, 2004 **2505** cfs

S-12 Discharge 1127 cfs  
 S-333 Discharge 1378 cfs

----- Data Summary ----- August 27, 2004 to **September 3, 2004**  
 WCA-3A Stage (end of week) **10.54** ft. msl  
 Angel's **6.07** ft. msl  
 G3273 **6.69** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	<b>1.66</b>	<b>1.61</b>
S-8	<b>1.63</b>	
S-9	<b>0.09</b>	
S-140	<b>0.49</b>	<b>1.41</b>
S-12D	<b>0.02</b>	
S-336	<b>1.07</b>	
ENP	<b>M</b>	<b>M</b>
Gage 63	<b>1.51</b>	
Gage 64	<b>0.09</b>	
Gage 65	<b>1.08</b>	
This Week's Avg	<b>0.85</b>	<b>1.51</b>
Pre-Project Avg	<b>1.90</b>	<b>1.34</b>

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

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

Supplemental discharge is 2281 cfs  
 Distance to Bottom of Transition Zone -0.91 feet  
 Distance to Bottom of Regulatory Zone 0.09 feet

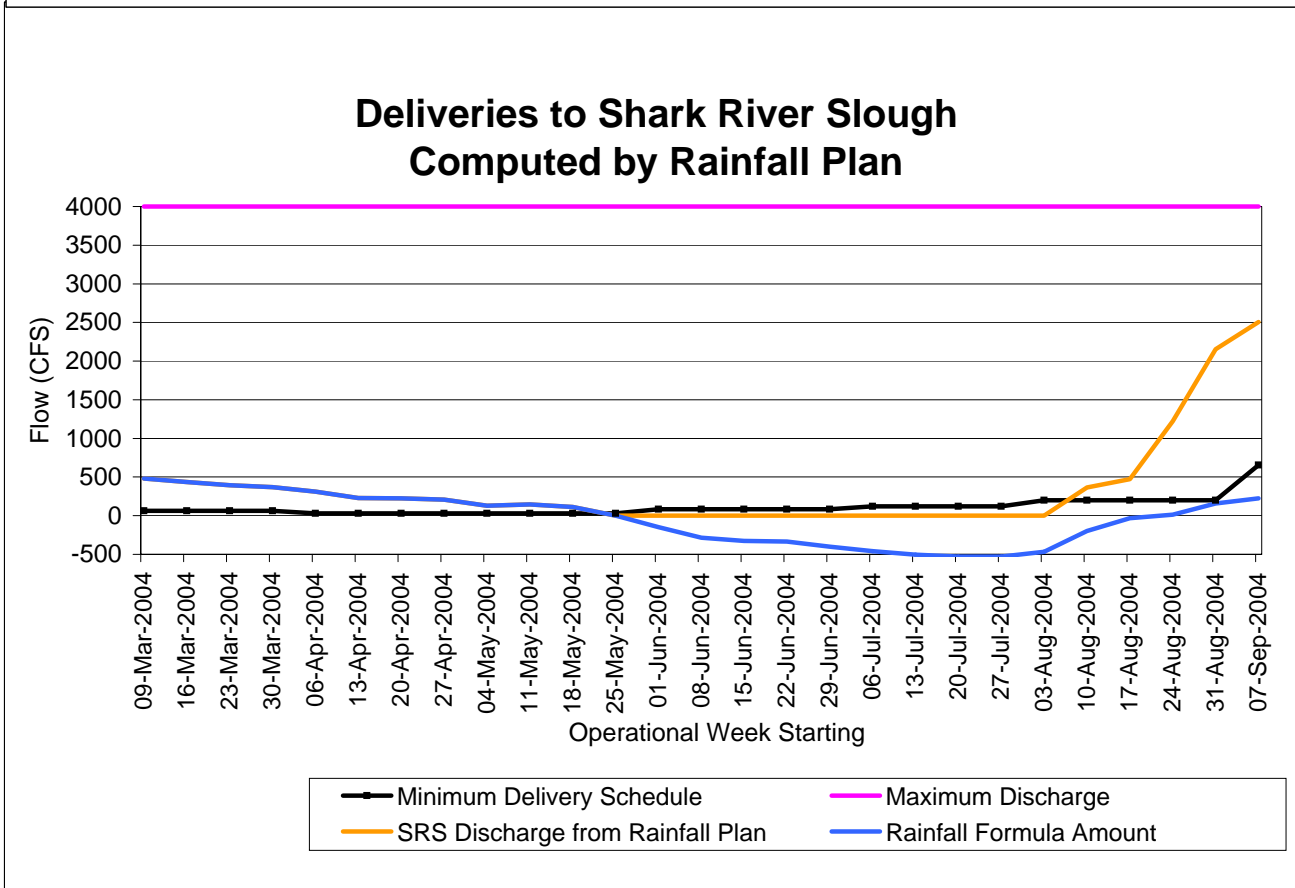
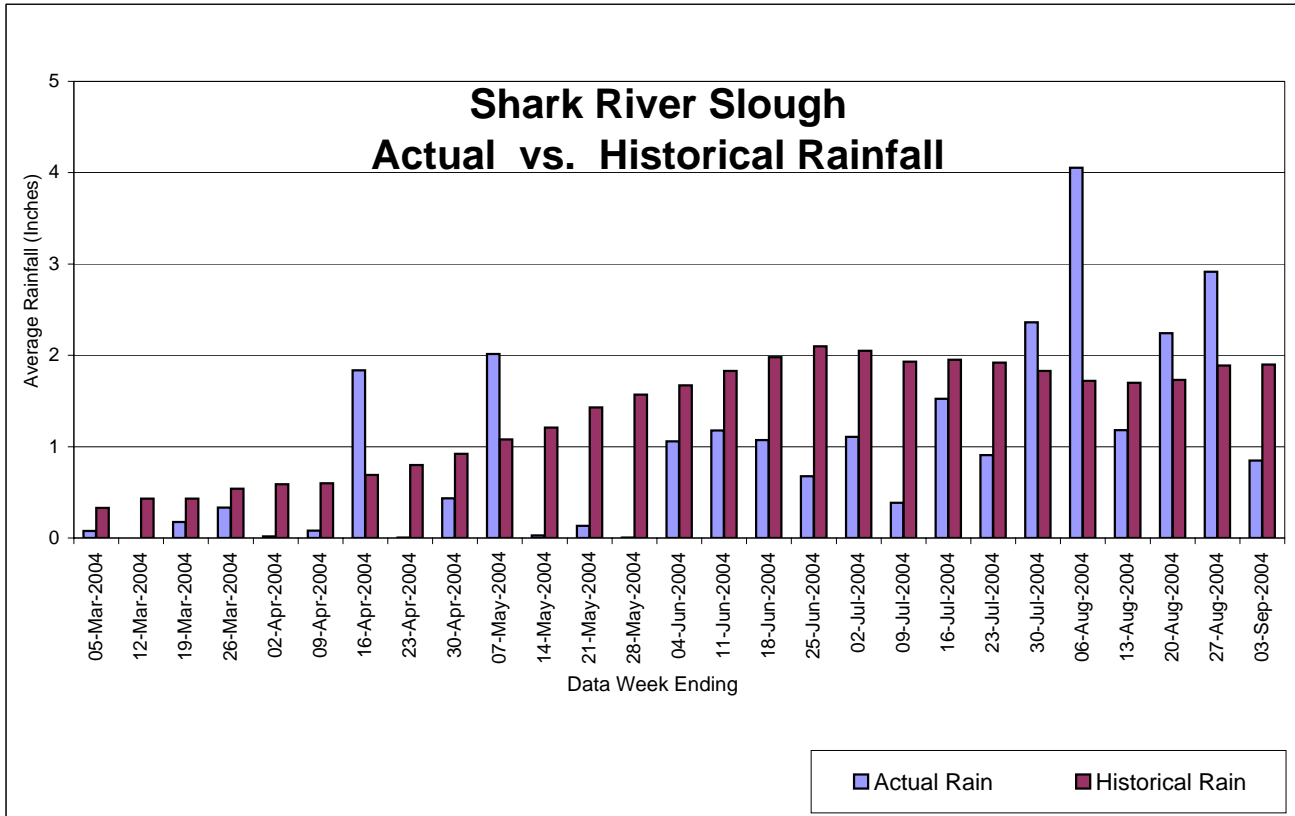
----- Statistical Parameters -----

Rainfall Formula Amount 224 cfs  
 Last Week's Rainfall Formula 157 cfs  
 Pre-Project Mean Discharge 310 cfs

Rainfall Excess Terms  
 RL1 **-0.39** RL2 **2.56** RL3 **-3.71**

COMMENT: S7 and S140 evaporation data were used. ENP station evaporation 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, 2004 to September 20, 2004 **MAX** cfs

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

----- **Data Summary** ----- **September 3, 2004 to September 10, 2004**  
 WCA-3A Stage (end of week) **10.94** ft. msl  
 Angel's **6.62** ft. msl  
 G3273 **6.92** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	<b>1.34</b>	<b>M</b>
S-8	<b>1.53</b>	
S-9	<b>2.54</b>	
S-140	<b>3.14</b>	<b>1.30</b>
S-12D	<b>M</b>	
S-336	<b>5.12</b>	
ENP	<b>M</b>	<b>M</b>
Gage 63	<b>2.39</b>	
Gage 64	<b>M</b>	
Gage 65	<b>M</b>	
This Week's Avg	<b>2.68</b>	<b>1.30</b>
Pre-Project Avg	<b>2.00</b>	<b>1.31</b>

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

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

Supplemental discharge is **MAX** cfs  
 Distance to Bottom of Transition Zone **-1.27** feet  
 Distance to Bottom of Regulatory Zone **-0.27** feet

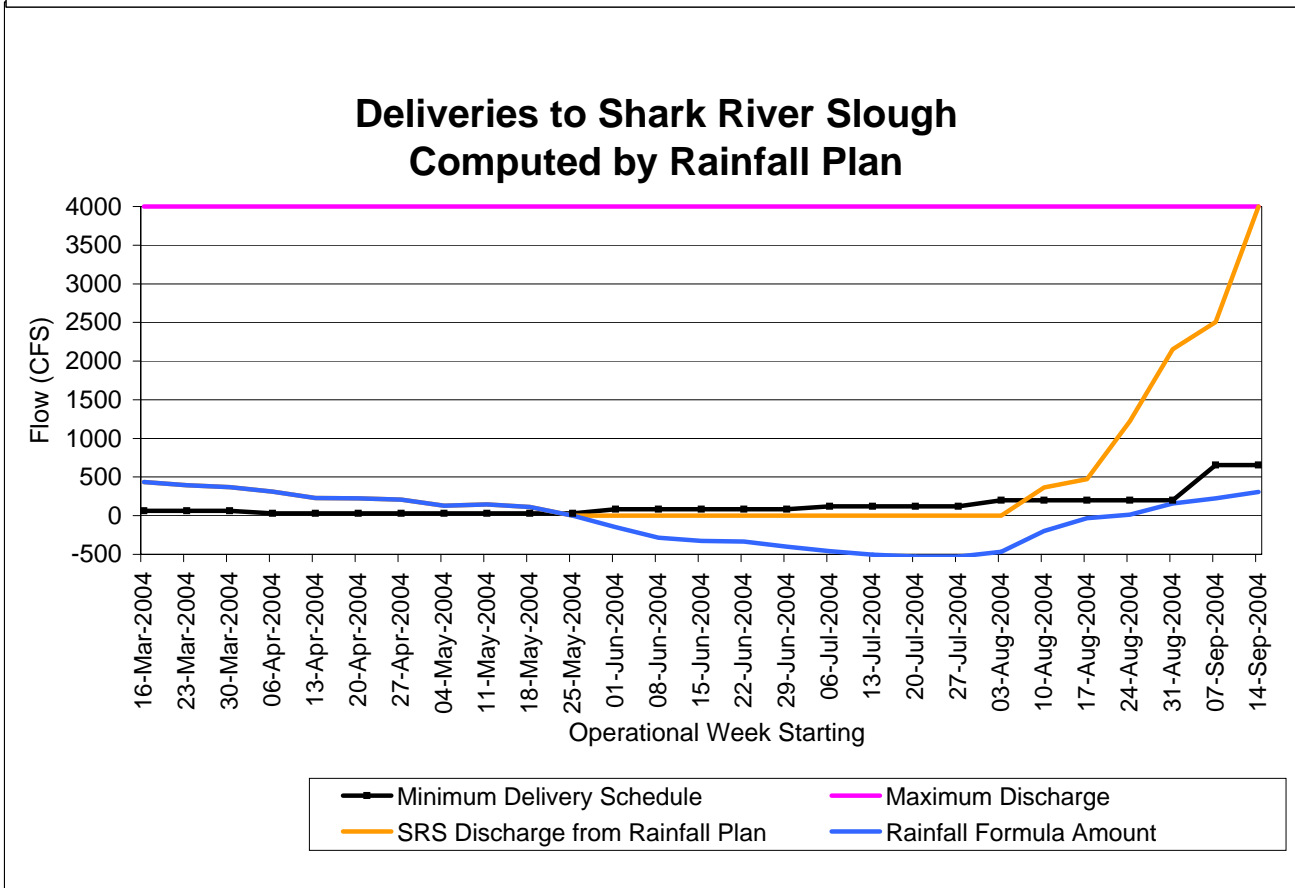
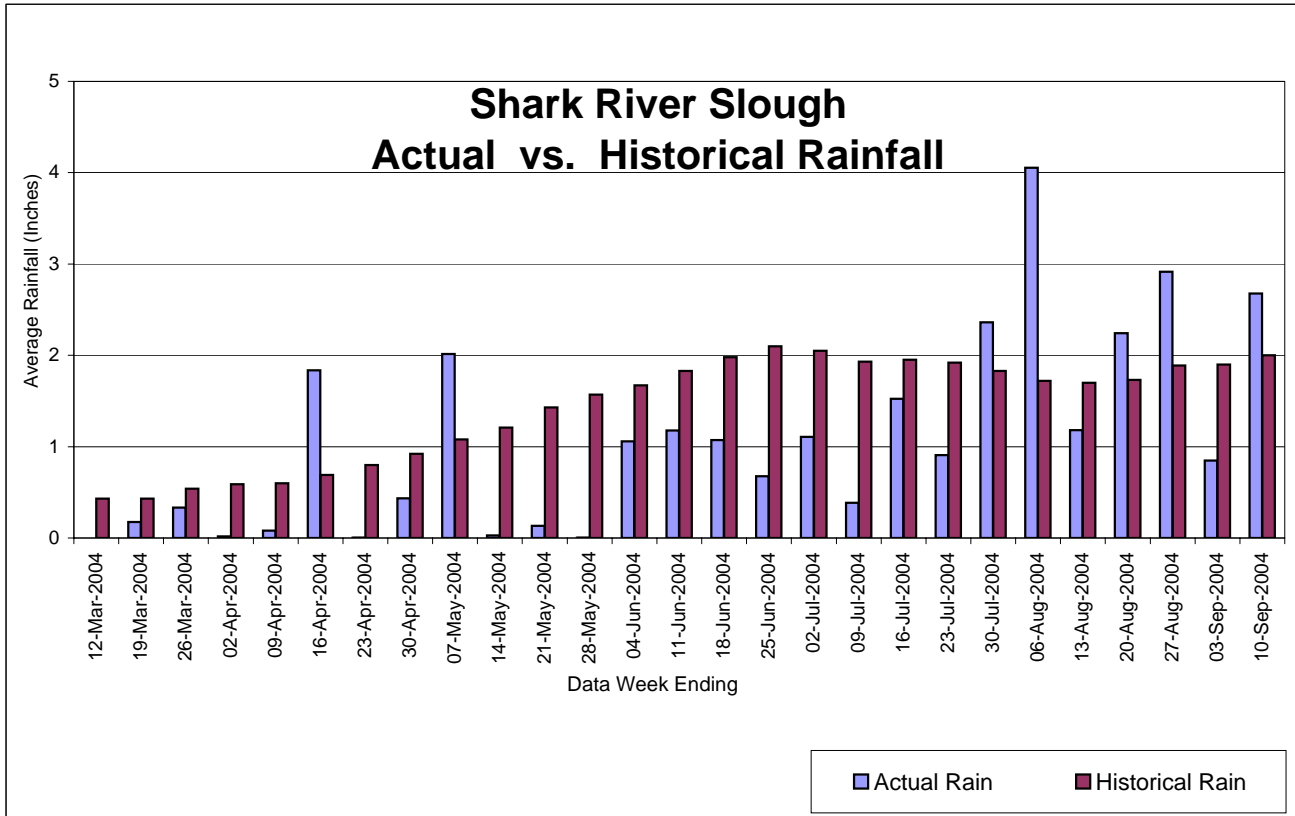
----- **Statistical Parameters** -----

Rainfall Formula Amount **306** cfs  
 Last Week's Rainfall Formula **224** cfs  
 Pre-Project Mean Discharge **385** cfs

Rainfall Excess Terms  
 RL1 **-0.51** RL2 **2.75** RL3 **-2.24**

**COMMENT: S140 evaporation data were used. ENP and S7 station evaporation 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 21, 2004 to September 27, 2004 **MAX** cfs

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

----- Data Summary ----- September 10, 2004 to September 17, 2004

WCA-3A Stage (end of week)	11.13	ft. msl
Angel's	6.16	ft. msl
G3273	6.83	ft. msl

Station	Rainfall (in)	Pan Evaporation (in)
S-7	0.66	1.56
S-8	M	
S-9	0.15	
S-140	M	1.57
S-12D	M	
S-336	0.33	
ENP	M	M
Gage 63	0.20	
Gage 64	M	
Gage 65	0.37	
This Week's Avg	0.34	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		-1.41 feet
Distance to Bottom of Regulatory Zone		-0.41 feet

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

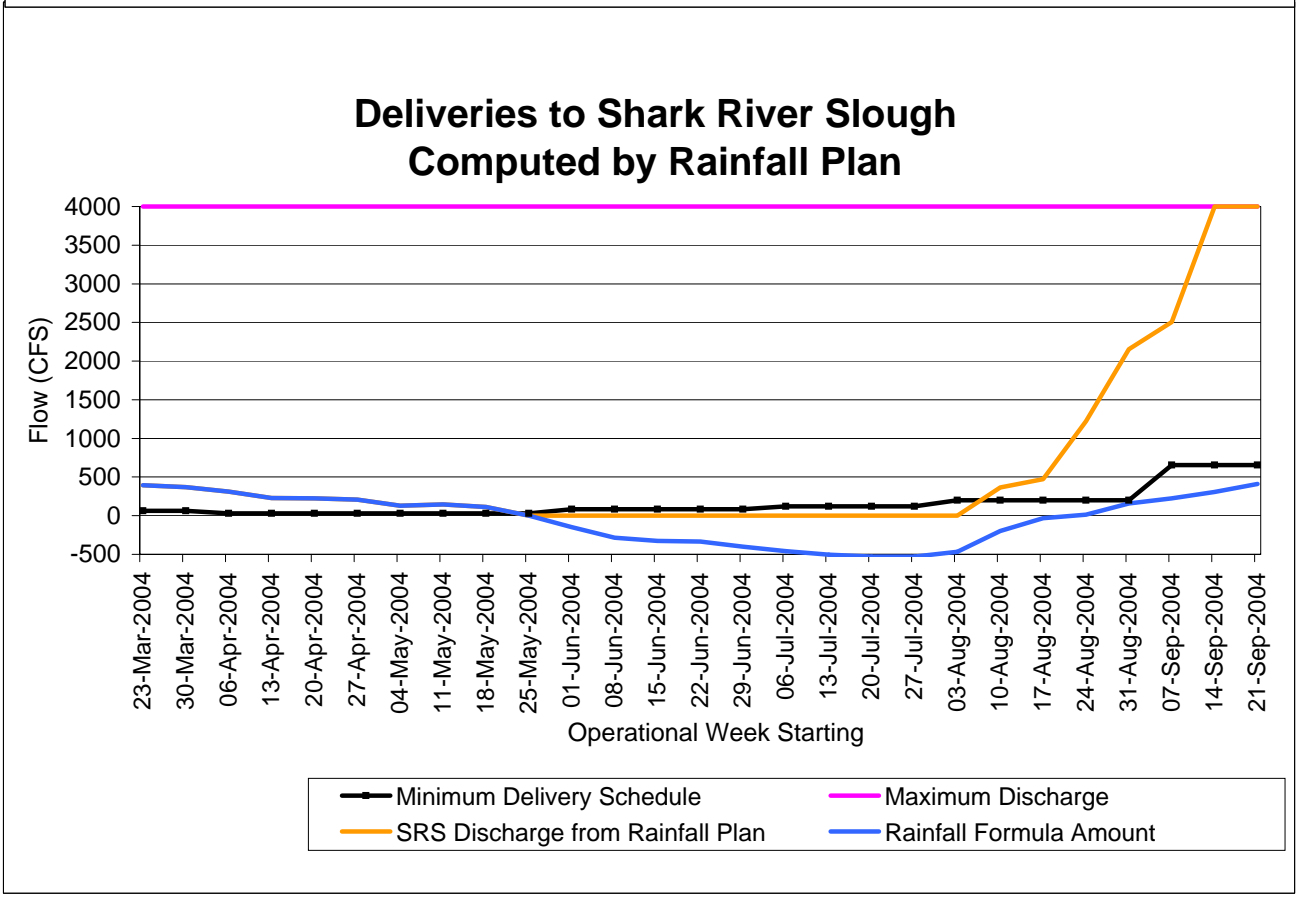
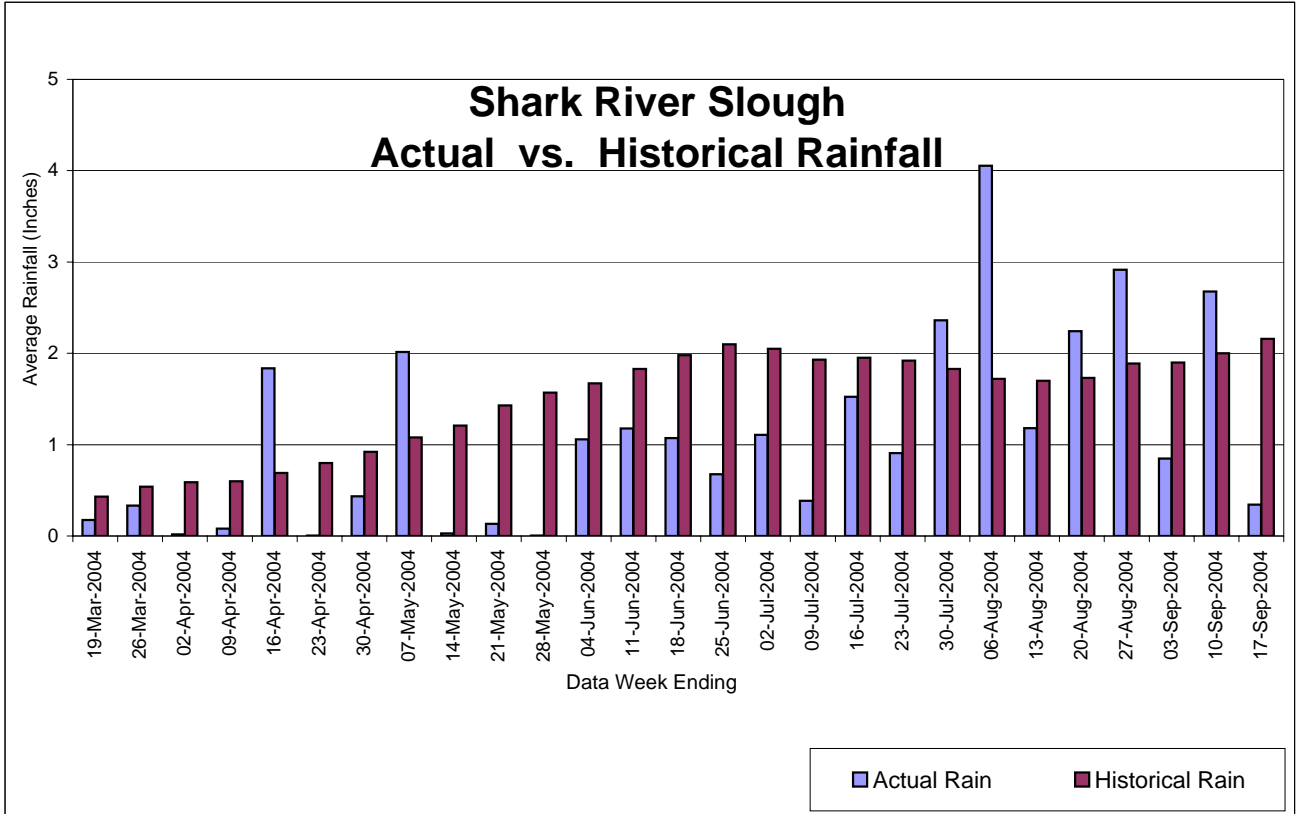
Rainfall Formula Amount	409 cfs
Last Week's Rainfall Formula	306 cfs
Pre-Project Mean Discharge	540 cfs

Rainfall Excess Terms

RL1 -1.37	RL2 -0.63	RL3 1.34
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**COMMENT: S7 and S140 evaporation data were used. ENP station evaporation 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, 2004 to October 4, 2004 **MAX** cfs

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

----- Data Summary ----- September 17, 2004 to September 24, 2004

WCA-3A Stage (end of week)	11.34	ft. msl
Angel's	6.47	ft. msl
G3273	6.83	ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.54	1.50
S-8	M	
S-9	0.69	
S-140	1.10	1.48
S-12D	M	
S-336	1.06	
ENP	1.67	M
Gage 63	1.13	
Gage 64	M	
Gage 65	1.58	
This Week's Avg	1.11	1.49
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		-1.58 feet
Distance to Bottom of Regulatory Zone		-0.59 feet

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

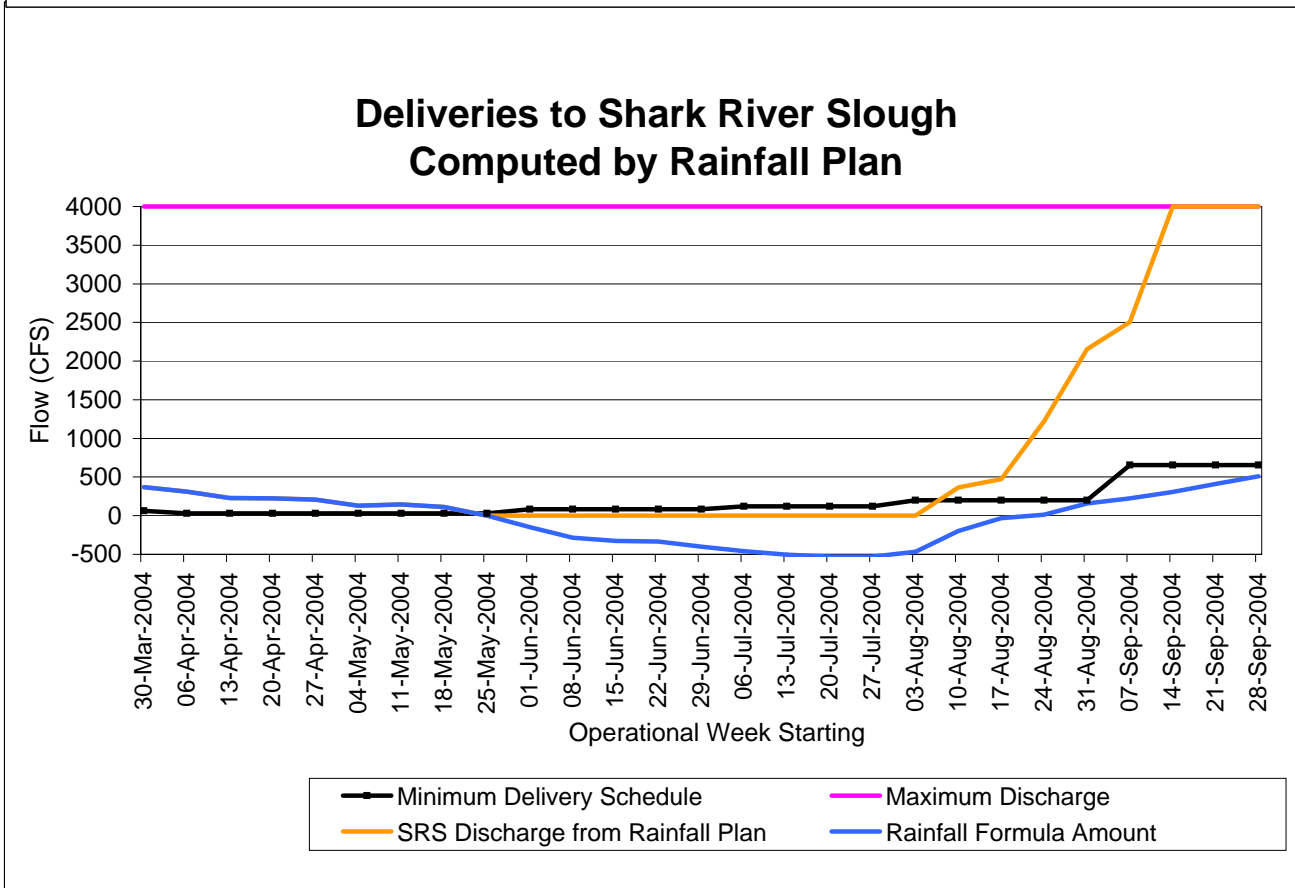
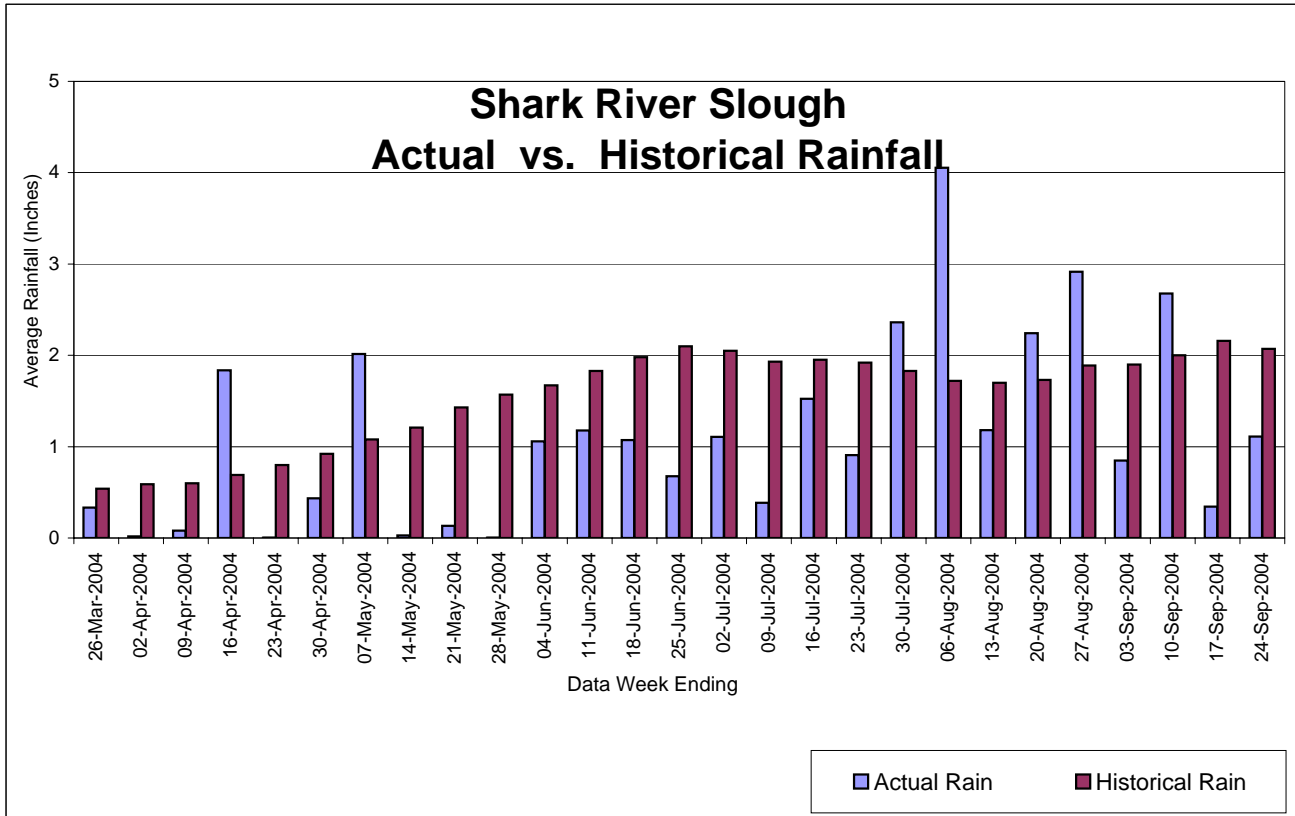
Rainfall Formula Amount	511 cfs
Last Week's Rainfall Formula	409 cfs
Pre-Project Mean Discharge	779 cfs

Rainfall Excess Terms

RL1 -3.20	RL2 0.61	RL3 1.34
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**COMMENT: S7 and S140 evaporation data were used. ENP station evaporation 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, 2004 to October 11, 2004 **MAX** cfs

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

----- Data Summary ----- **September 24, 2004 to October 1, 2004**  
 WCA-3A Stage (end of week) 11.63 ft. msl  
 Angel's 6.96 ft. msl  
 G3273 7.11 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.59	M
S-8	1.93	
S-9	3.68	
S-140	2.73	1.29
S-12D	M	
S-336	4.24	
ENP	0.80	1.20
Gage 63	2.49	
Gage 64	M	
Gage 65	5.82	
This Week's Avg	2.91	1.24
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 -1.82 feet  
 Distance to Bottom of Regulatory Zone -0.88 feet

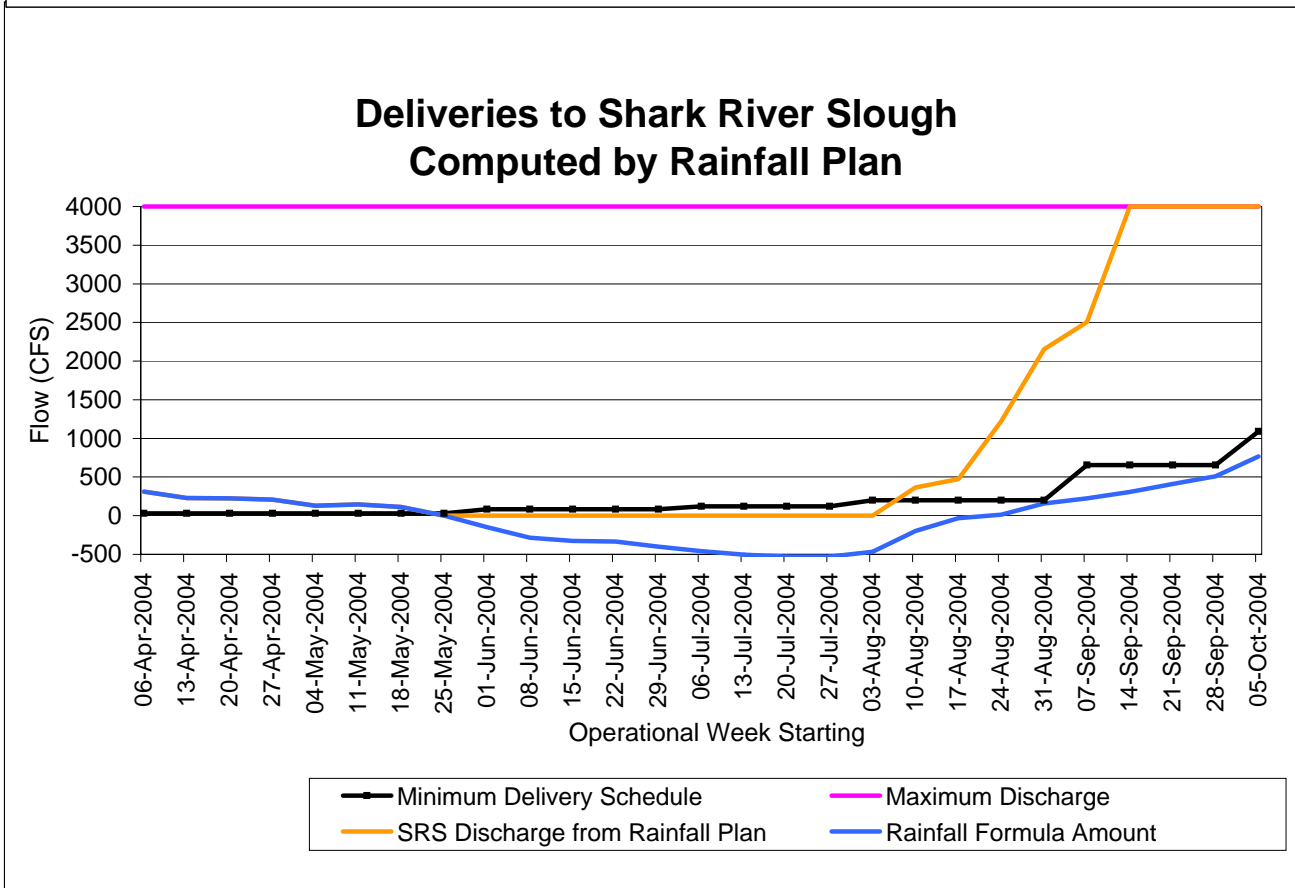
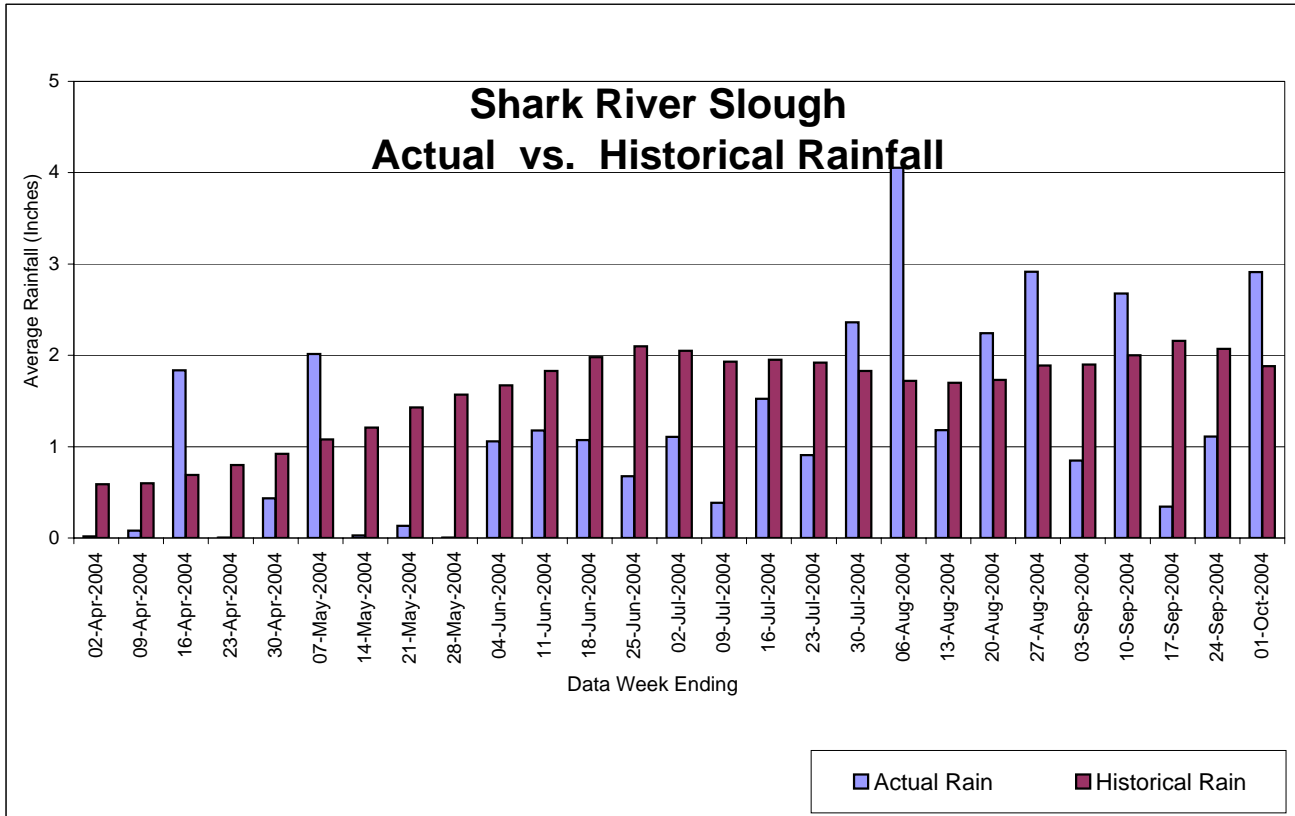
----- Statistical Parameters -----

Rainfall Formula Amount 768 cfs  
 Last Week's Rainfall Formula 511 cfs  
 Pre-Project Mean Discharge 995 cfs

Rainfall Excess Terms  
 RL1 -0.14 RL2 -1.77 RL3 2.56

**COMMENT: ENP and S140 evaporation data were used. S7 station evaporation 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, 2004** to **October 18, 2004** **MAX** cfs

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

----- **Data Summary** ----- **October 1, 2004** to **October 8, 2004**  
 WCA-3A Stage (end of week) 11.70 ft. msl  
 Angel's 6.57 ft. msl  
 G3273 7.01 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.63	M
S-8	0.04	
S-9	1.11	
S-140	0.14	1.56
S-12D	M	
S-336	0.94	
ENP	0.62	0.87
Gage 63	0.55	
Gage 64	0.36	
Gage 65	0.51	
This Week's Avg	0.54	1.21
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 -1.84 feet  
 Distance to Bottom of Regulatory Zone -0.95 feet

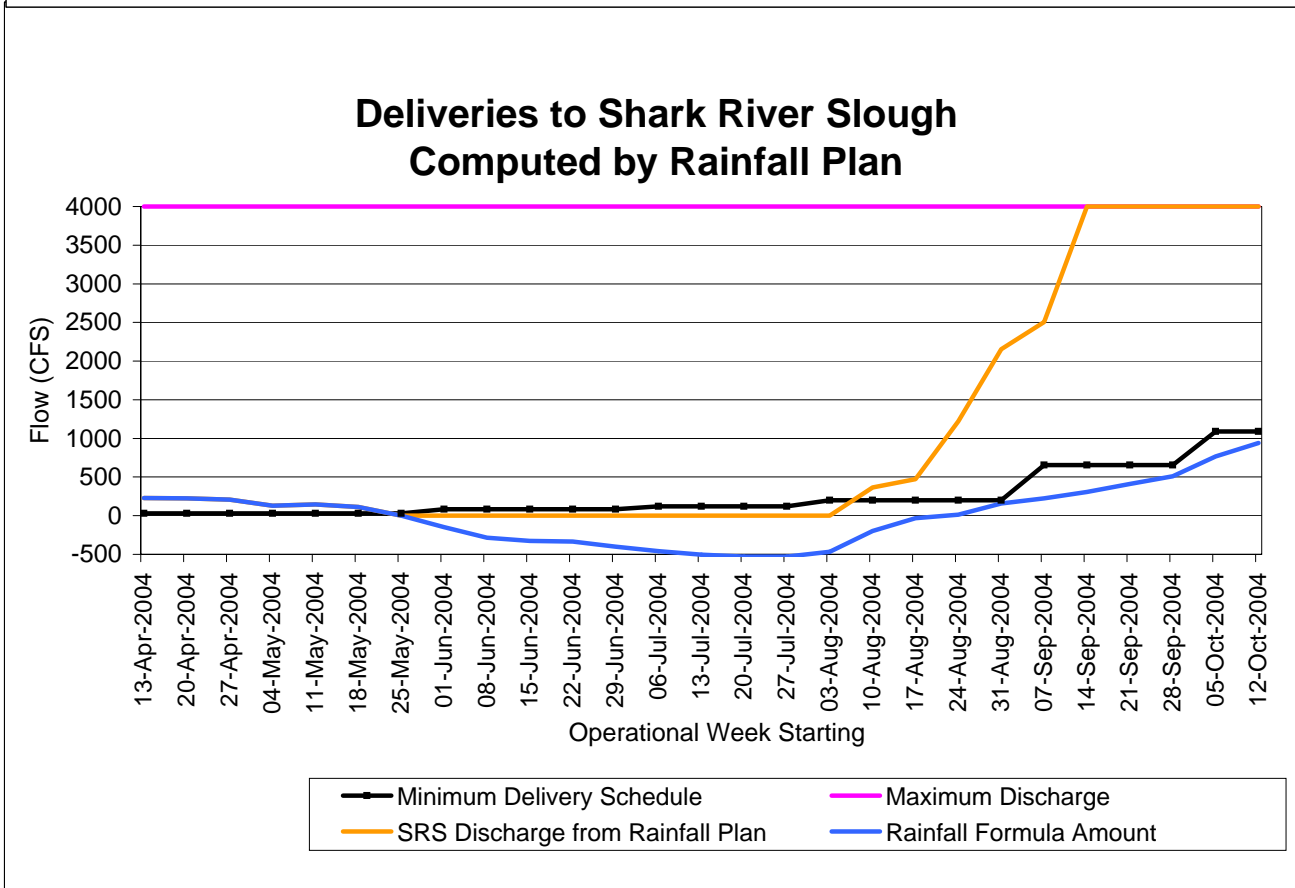
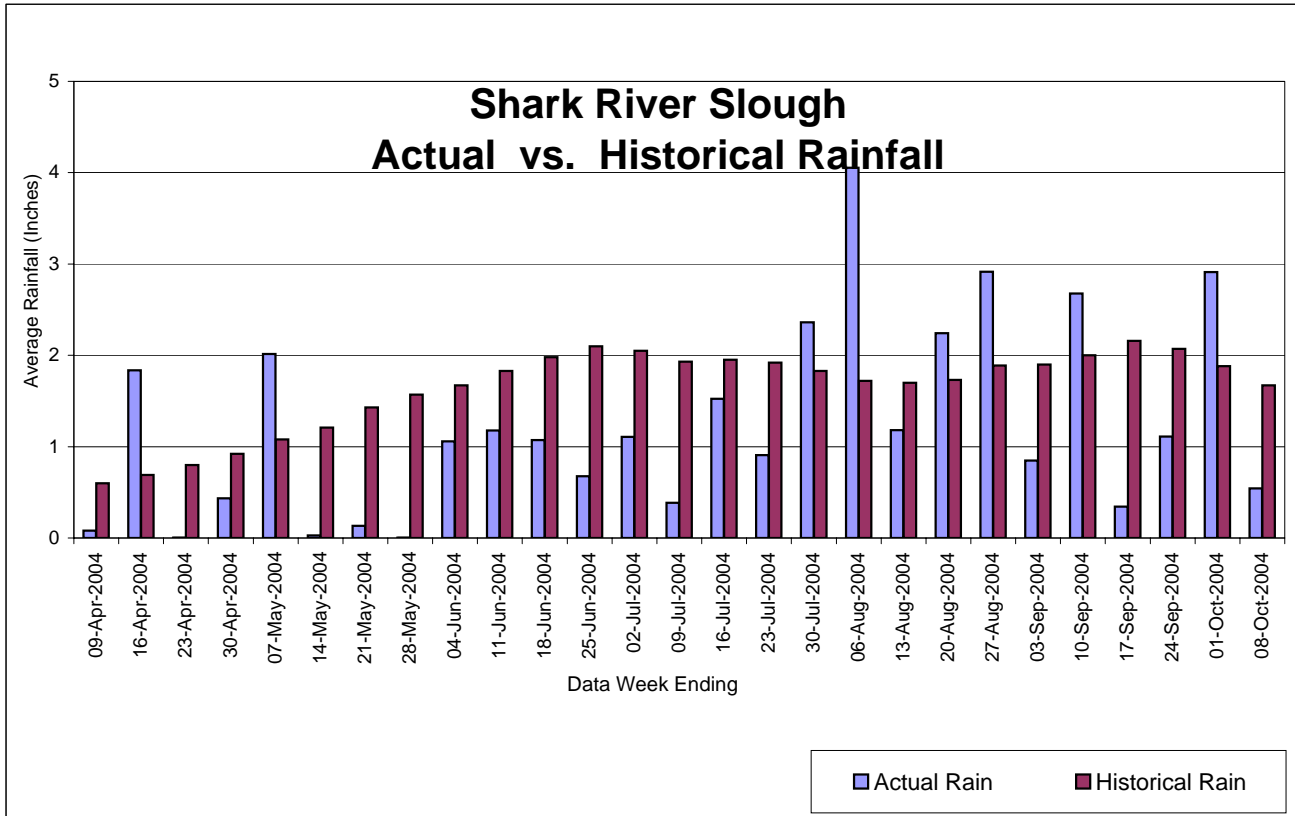
----- **Statistical Parameters** -----

Rainfall Formula Amount 940 cfs  
 Last Week's Rainfall Formula 768 cfs  
 Pre-Project Mean Discharge 1130 cfs

Rainfall Excess Terms  
RL1 -0.16 RL2 -3.71 RL3 2.75

**COMMENT: ENP and S140 evaporation data were used. S7 station evaporation 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, 2004 to October 25, 2004 **MAX** cfs

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

----- Data Summary -----  
 October 8, 2004 to **October 15, 2004**  
 WCA-3A Stage (end of week) 11.74 ft. msl  
 Angel's 7.00 ft. msl  
 G3273 7.09 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.30	1.17
S-8	0.29	
S-9	0.54	
S-140	0.50	1.29
S-12D	M	
S-336	0.91	
ENP	M	M
Gage 63	0.52	
Gage 64	0.57	
Gage 65	0.73	
This Week's Avg	0.55	1.23
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 -1.84 feet  
 Distance to Bottom of Regulatory Zone -0.99 feet

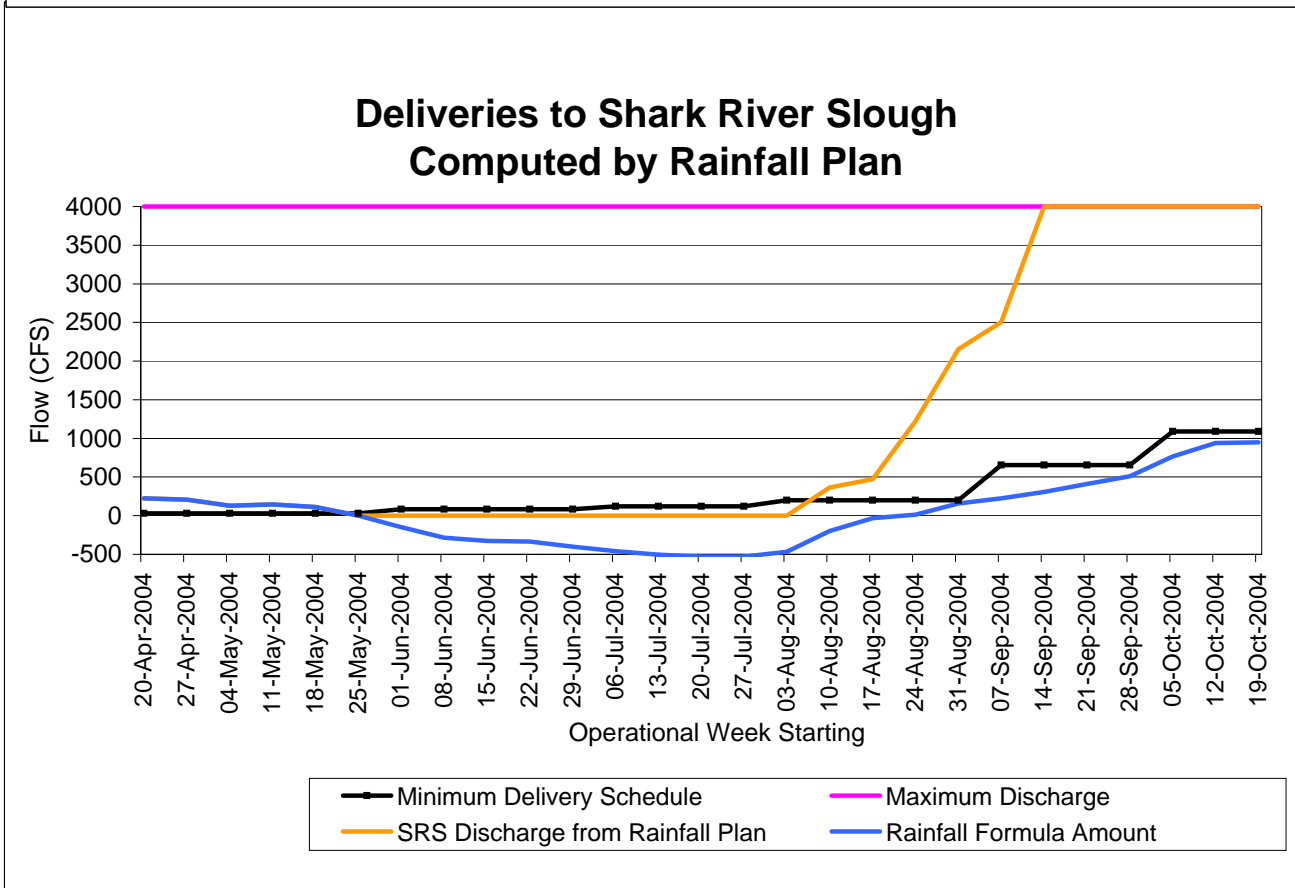
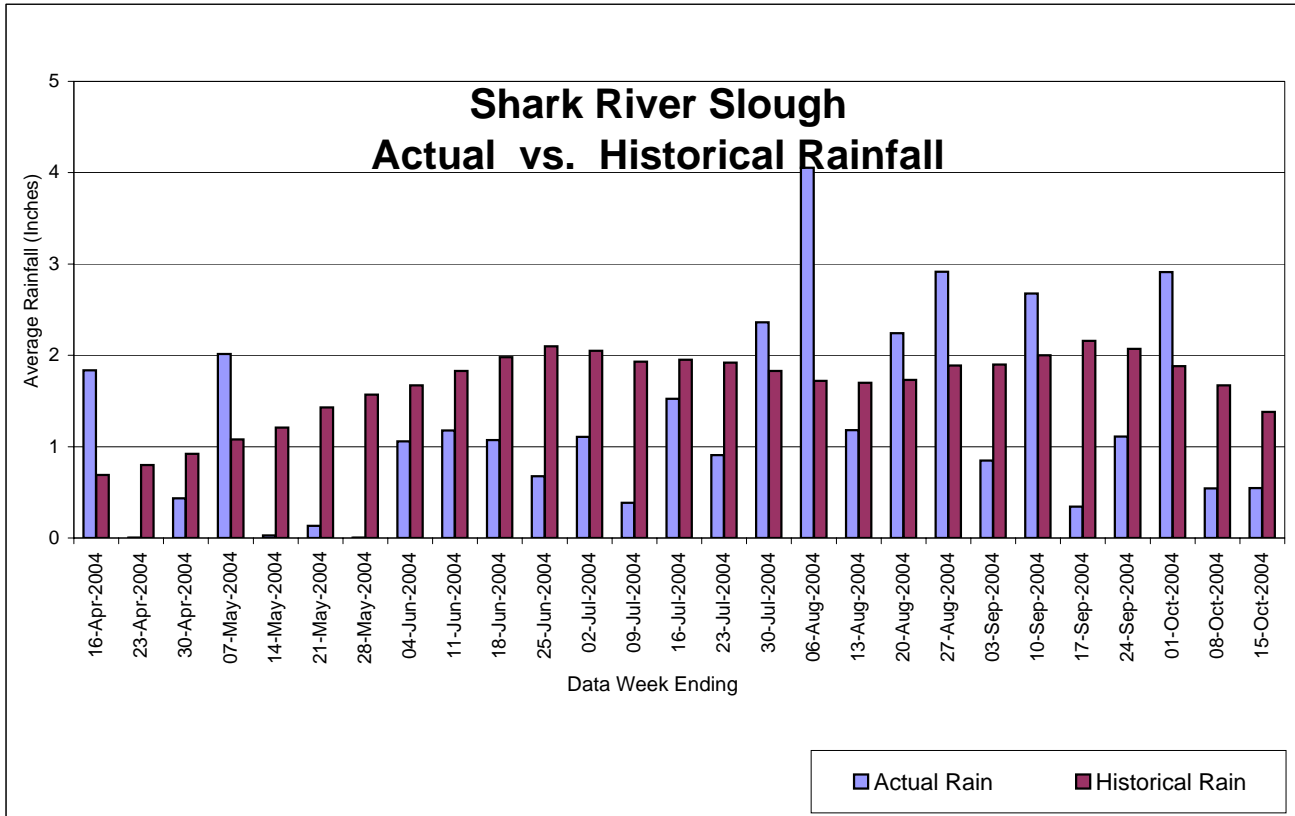
----- Statistical Parameters -----

Rainfall Formula Amount 948 cfs  
 Last Week's Rainfall Formula 940 cfs  
 Pre-Project Mean Discharge 1229 cfs

Rainfall Excess Terms  
 RL1 -2.09 RL2 -1.52 RL3 -0.63

**COMMENT: S7 and S140 evaporation data were used. ENP station evaporation 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, 2004** to **November 1, 2004** **MAX** cfs

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

----- **Data Summary** ----- **October 15, 2004** to **October 22, 2004**  
 WCA-3A Stage (end of week) 11.78 ft. msl  
 Angel's 7.07 ft. msl  
 G3273 7.17 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.48	0.90
S-8	0.78	
S-9	3.89	
S-140	1.40	1.16
S-12D	M	
S-336	1.21	
ENP	0.16	M
Gage 63	M	
Gage 64	3.20	
Gage 65	4.09	
This Week's Avg	1.90	1.03
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 -1.83 feet  
 Distance to Bottom of Regulatory Zone -1.03 feet

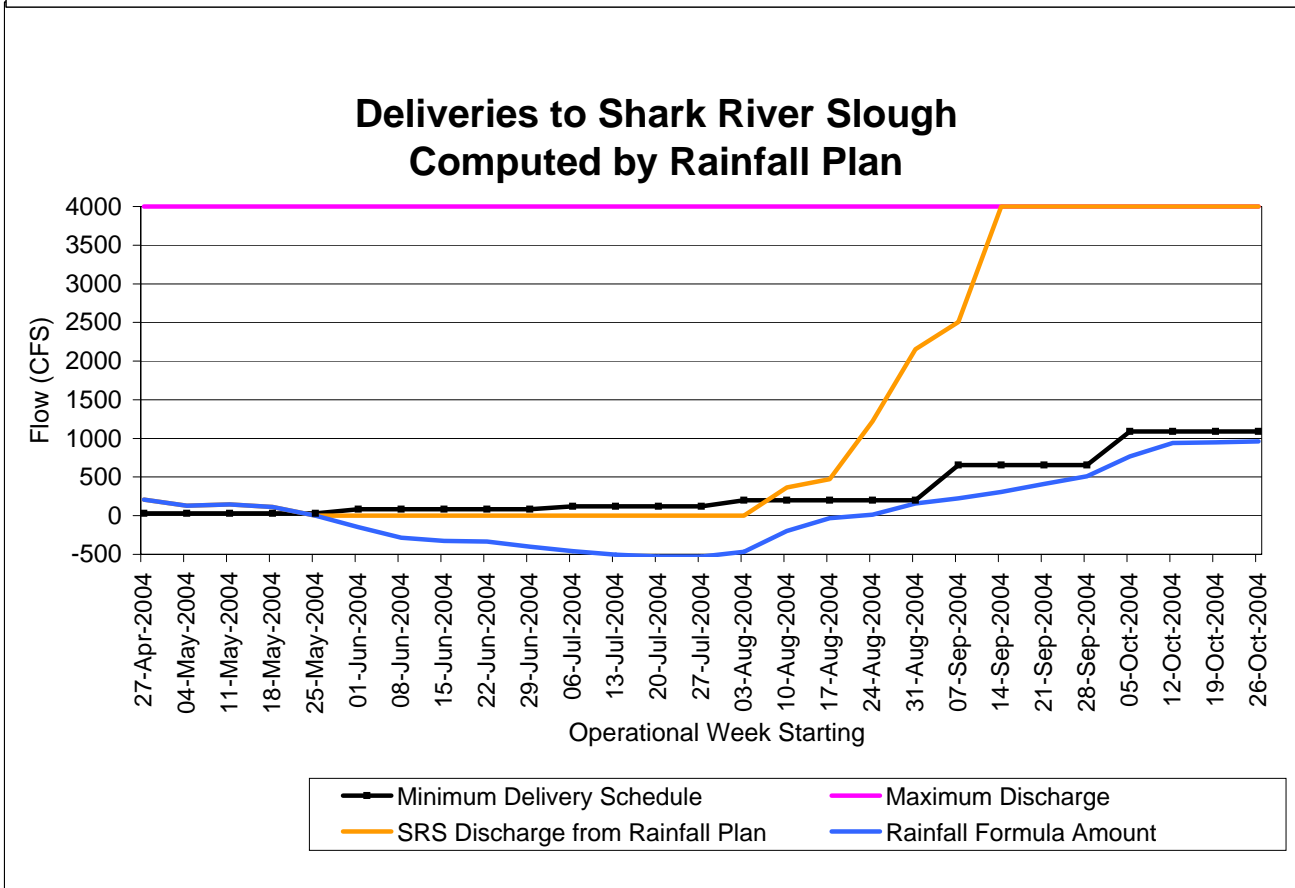
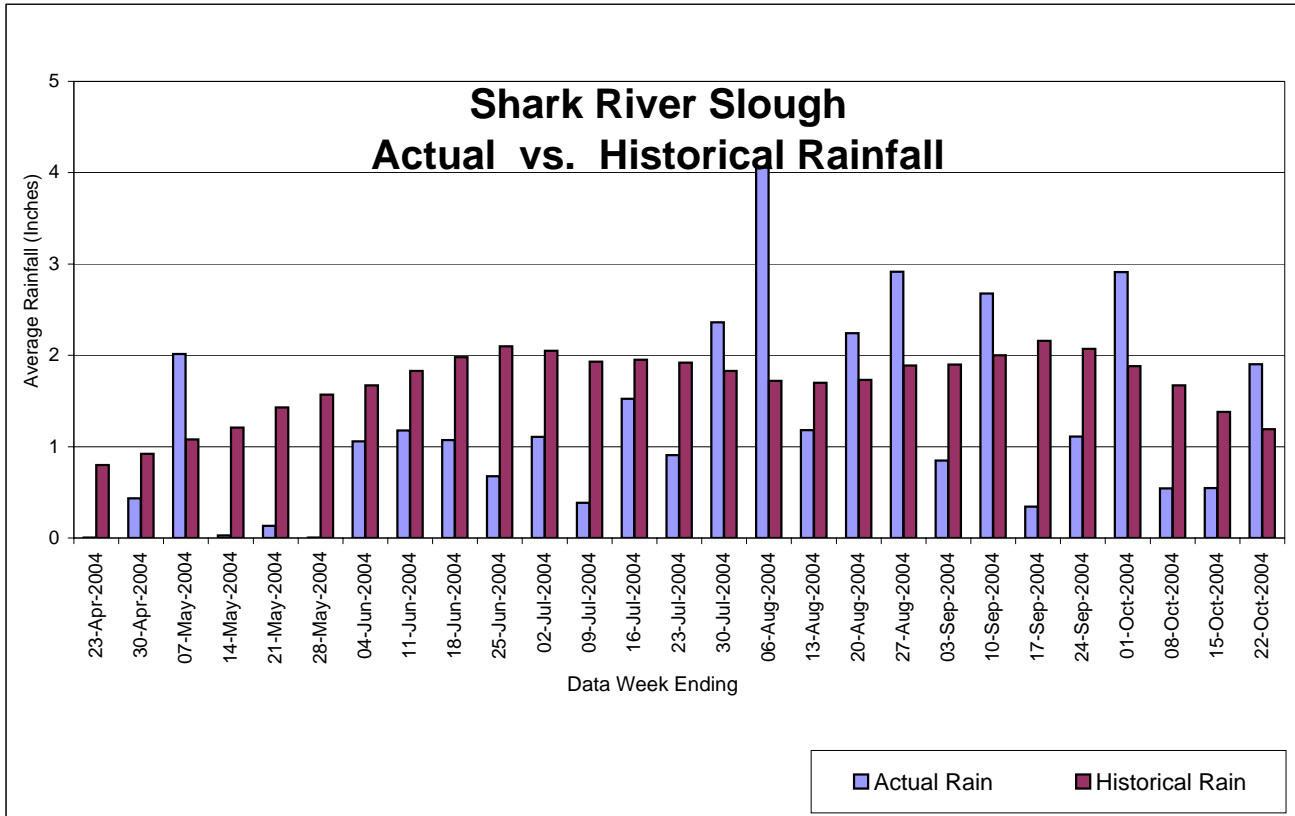
----- **Statistical Parameters** -----

Rainfall Formula Amount 961 cfs  
 Last Week's Rainfall Formula 948 cfs  
 Pre-Project Mean Discharge 1220 cfs

Rainfall Excess Terms  
 RL1 -0.19 RL2 -3.37 RL3 0.61

**COMMENT: S7 and S140 evaporation data were used. ENP station evaporation 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 2, 2004 to November 8, 2004 **MAX** cfs

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

----- Data Summary ----- October 22, 2004 to **October 29, 2004**  
 WCA-3A Stage (end of week) 11.49 ft. msl  
 Angel's 6.77 ft. msl  
 G3273 7.07 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.17	1.07
S-8	0.01	
S-9	0.00	
S-140	0.03	1.14
S-12D	M	
S-336	0.00	
ENP	0.00	M
Gage 63	M	
Gage 64	0.00	
Gage 65	0.00	
This Week's Avg	0.03	1.11
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 -1.50 feet  
 Distance to Bottom of Regulatory Zone -0.74 feet

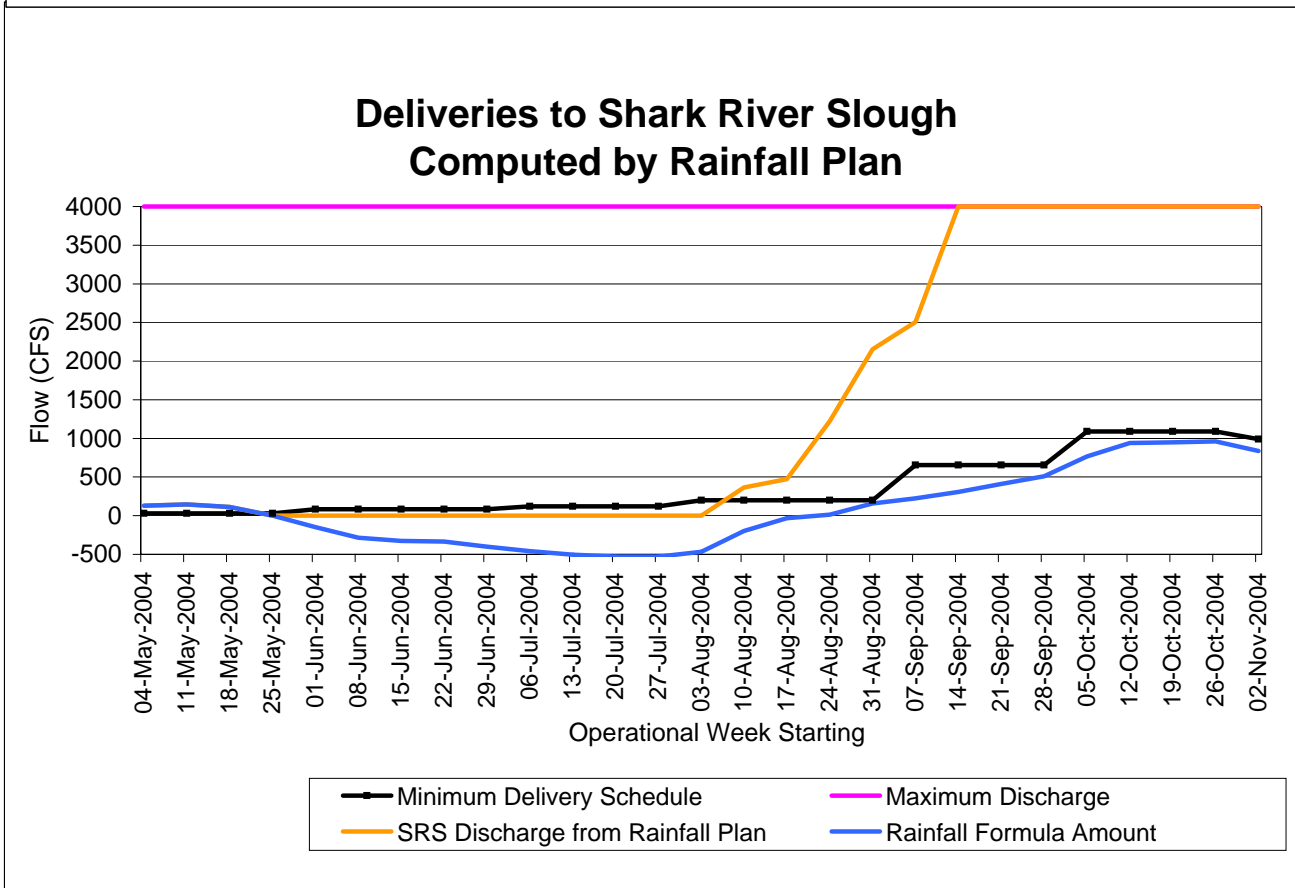
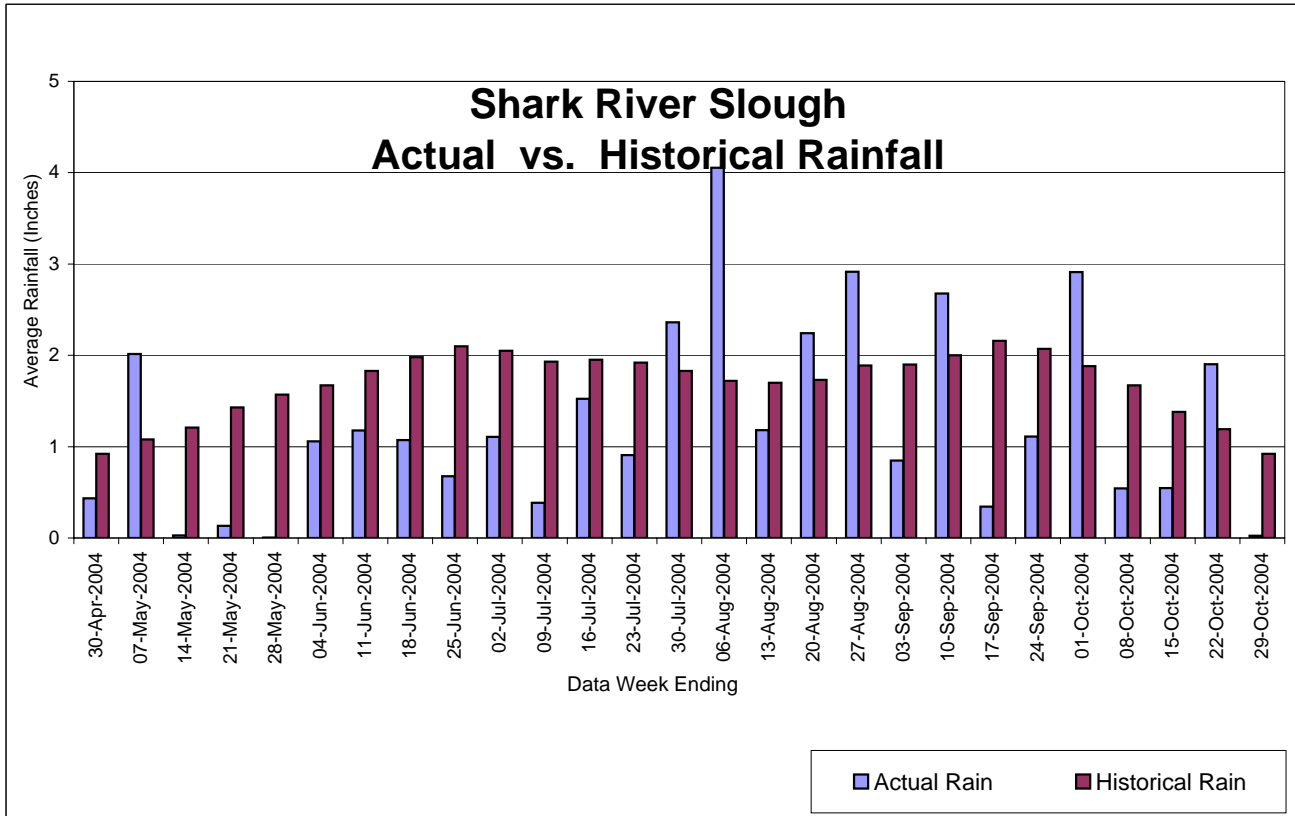
----- Statistical Parameters -----

Rainfall Formula Amount 838 cfs  
 Last Week's Rainfall Formula 961 cfs  
 Pre-Project Mean Discharge 1084 cfs

Rainfall Excess Terms  
RL1 -0.23 RL2 -2.24 RL3 -1.77

**COMMENT: S7 and S140 evaporation data were used. ENP station evaporation 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 9, 2004 to November 15, 2004 **MAX** cfs

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

----- Data Summary ----- October 29, 2004 to November 5, 2004  
 WCA-3A Stage (end of week) 11.27 ft. msl  
 Angel's 6.52 ft. msl  
 G3273 7.01 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.03	1.02
S-8	0.01	
S-9	0.01	
S-140	0.21	1.22
S-12D	M	
S-336	0.00	
ENP	0.26	0.76
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.09	1.00
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 -0.77 feet  
 Distance to Bottom of Regulatory Zone -0.52 feet

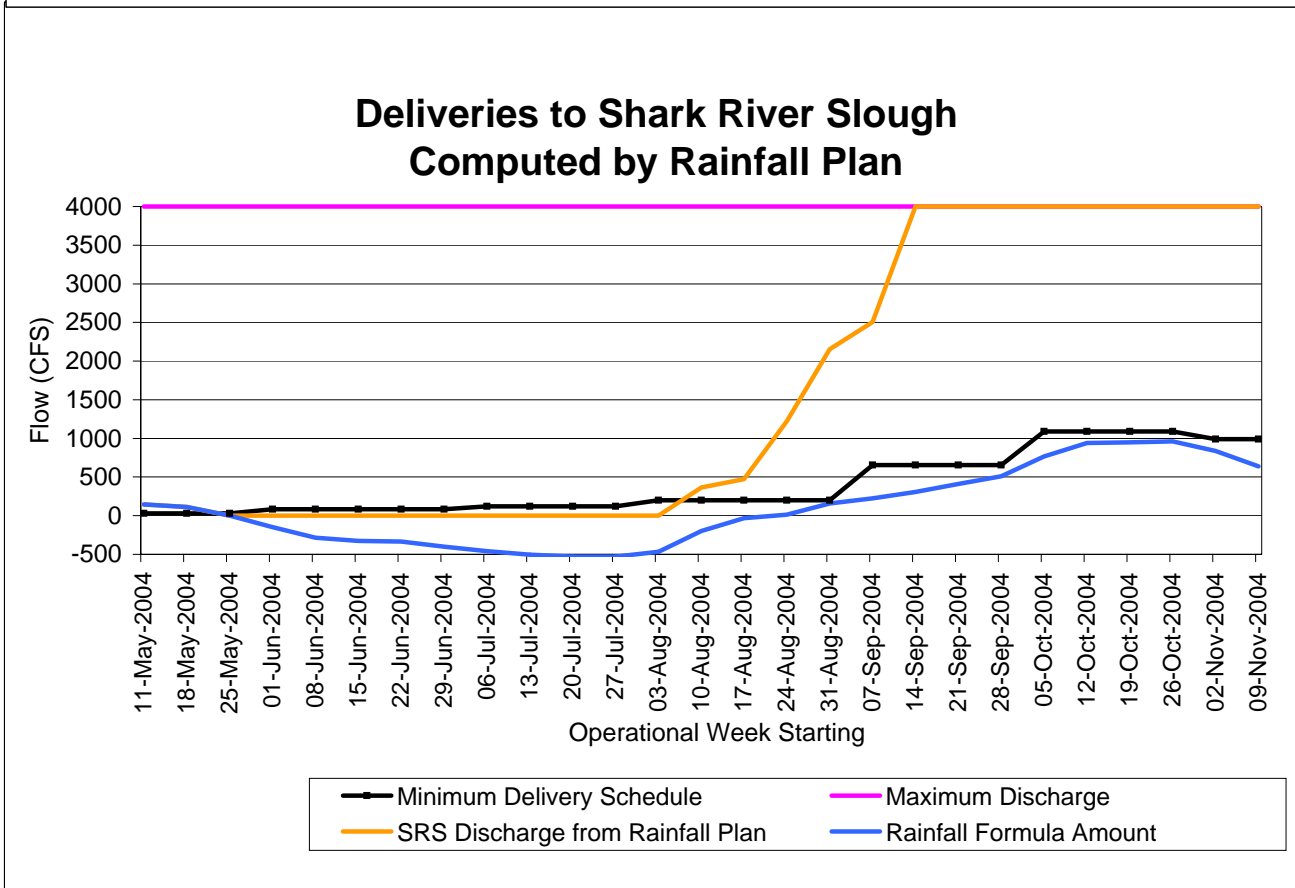
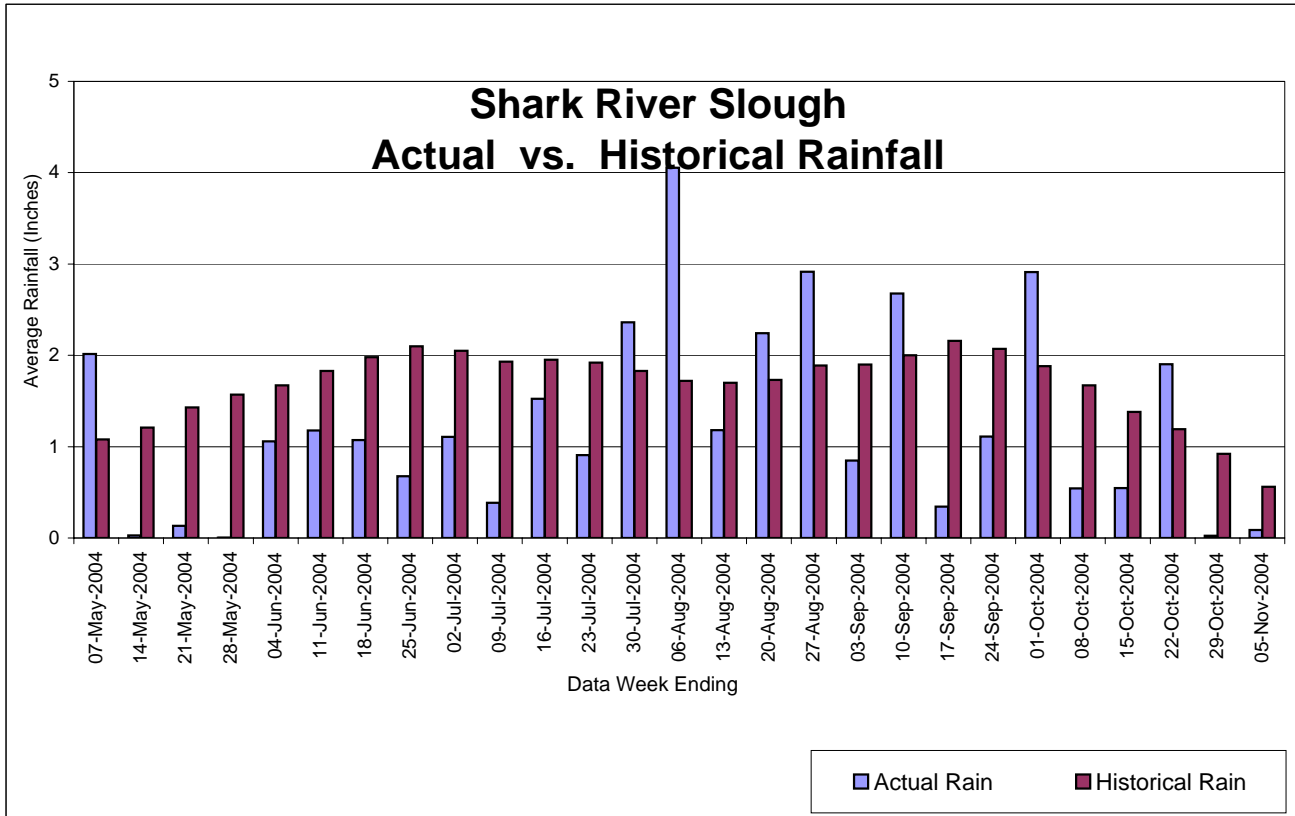
----- Statistical Parameters -----

Rainfall Formula Amount 637 cfs  
 Last Week's Rainfall Formula 838 cfs  
 Pre-Project Mean Discharge 937 cfs

Rainfall Excess Terms  
RL1 -1.46 RL2 -0.35 RL3 -3.71

COMMENT: ENP, S7 and S140 evaporation data were used.

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow November 16, 2004 to November 22, 2004 **MAX** cfs

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

----- **Data Summary** ----- **November 5, 2004 to November 12, 2004**  
 WCA-3A Stage (end of week) **11.03** ft. msl  
 Angel's **6.25** ft. msl  
 G3273 **6.94** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	<b>0.06</b>	<b>1.01</b>
S-8	<b>0.06</b>	
S-9	<b>0.12</b>	
S-140	<b>0.03</b>	<b>1.03</b>
S-12D	<b>M</b>	
S-336	<b>0.00</b>	
ENP	<b>0.21</b>	<b>M</b>
Gage 63	<b>M</b>	
Gage 64	<b>M</b>	
Gage 65	<b>M</b>	
This Week's Avg	<b>0.08</b>	<b>1.02</b>
Pre-Project Avg	<b>0.40</b>	<b>0.91</b>

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

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

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

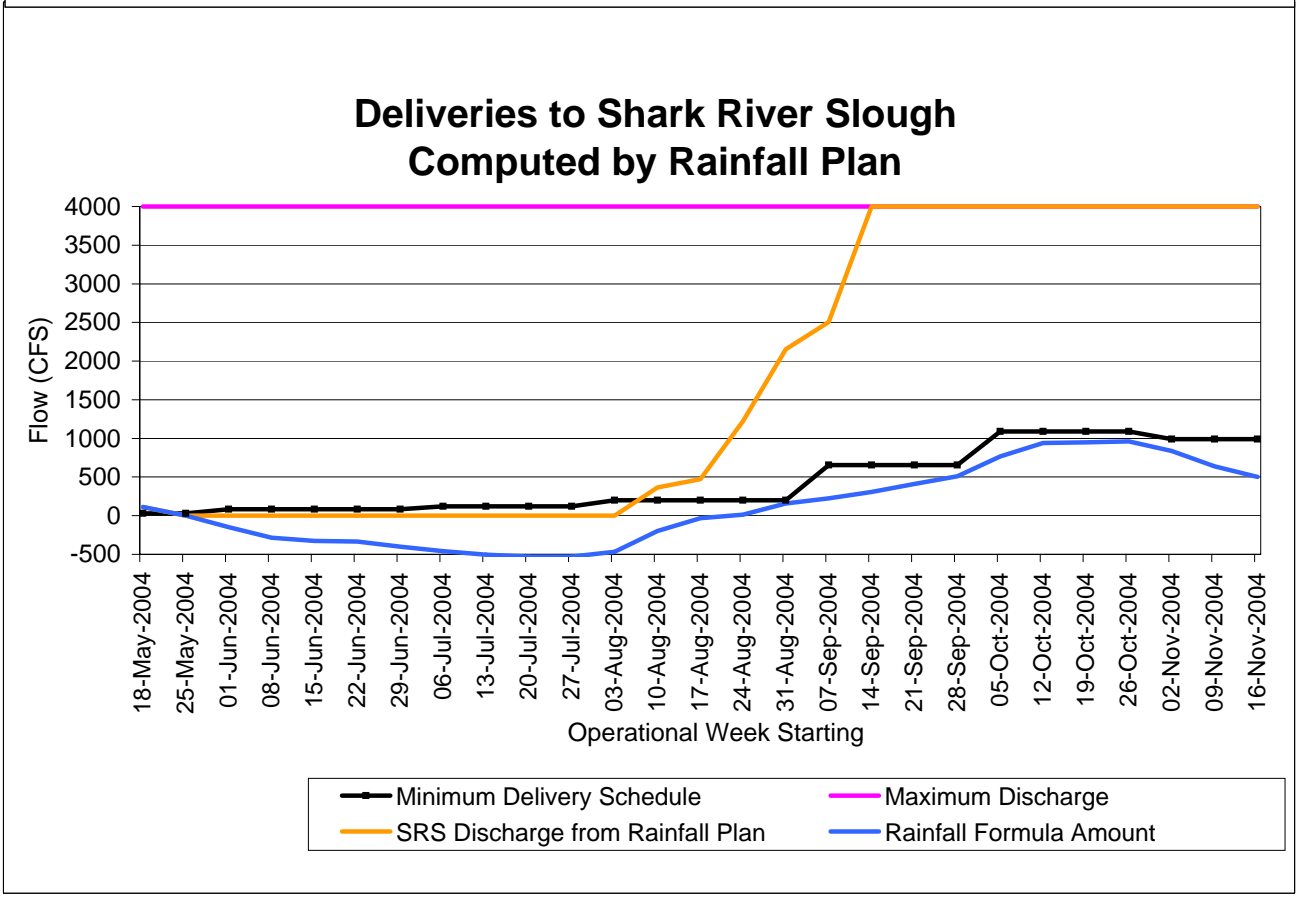
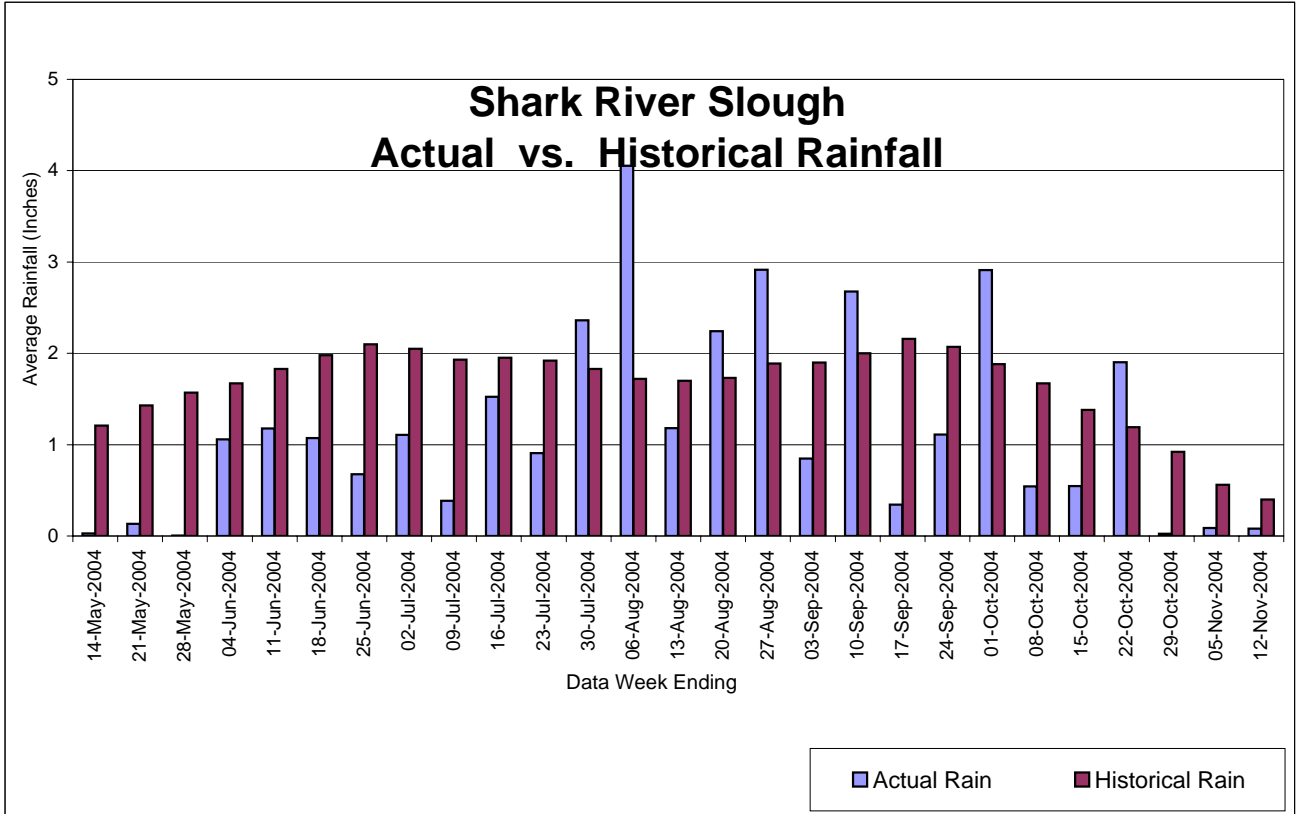
----- **Statistical Parameters** -----

Rainfall Formula Amount **501** cfs  
 Last Week's Rainfall Formula **637** cfs  
 Pre-Project Mean Discharge **820** cfs

Rainfall Excess Terms  
 RL1 **-0.90** RL2 **-2.32** RL3 **-1.52**

**COMMENT: S7 and S140 evaporation data were used. ENP evaporation 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, 2004 to November 29, 2004 **MAX** cfs

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

----- **Data Summary** ----- **November 12, 2004 to November 19, 2004**  
 WCA-3A Stage (end of week) **10.83** ft. msl  
 Angel's **6.10** ft. msl  
 G3273 **6.87** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	<b>0.14</b>	<b>0.95</b>
S-8	<b>0.17</b>	
S-9	<b>0.02</b>	
S-140	<b>0.00</b>	<b>0.93</b>
S-12D	<b>0.00</b>	
S-336	<b>0.24</b>	
ENP	<b>0.07</b>	<b>0.78</b>
Gage 63	<b>0.00</b>	
Gage 64	<b>0.00</b>	
Gage 65	<b>0.00</b>	
This Week's Avg	<b>0.06</b>	<b>0.89</b>
Pre-Project Avg	<b>0.32</b>	<b>0.87</b>

----- **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

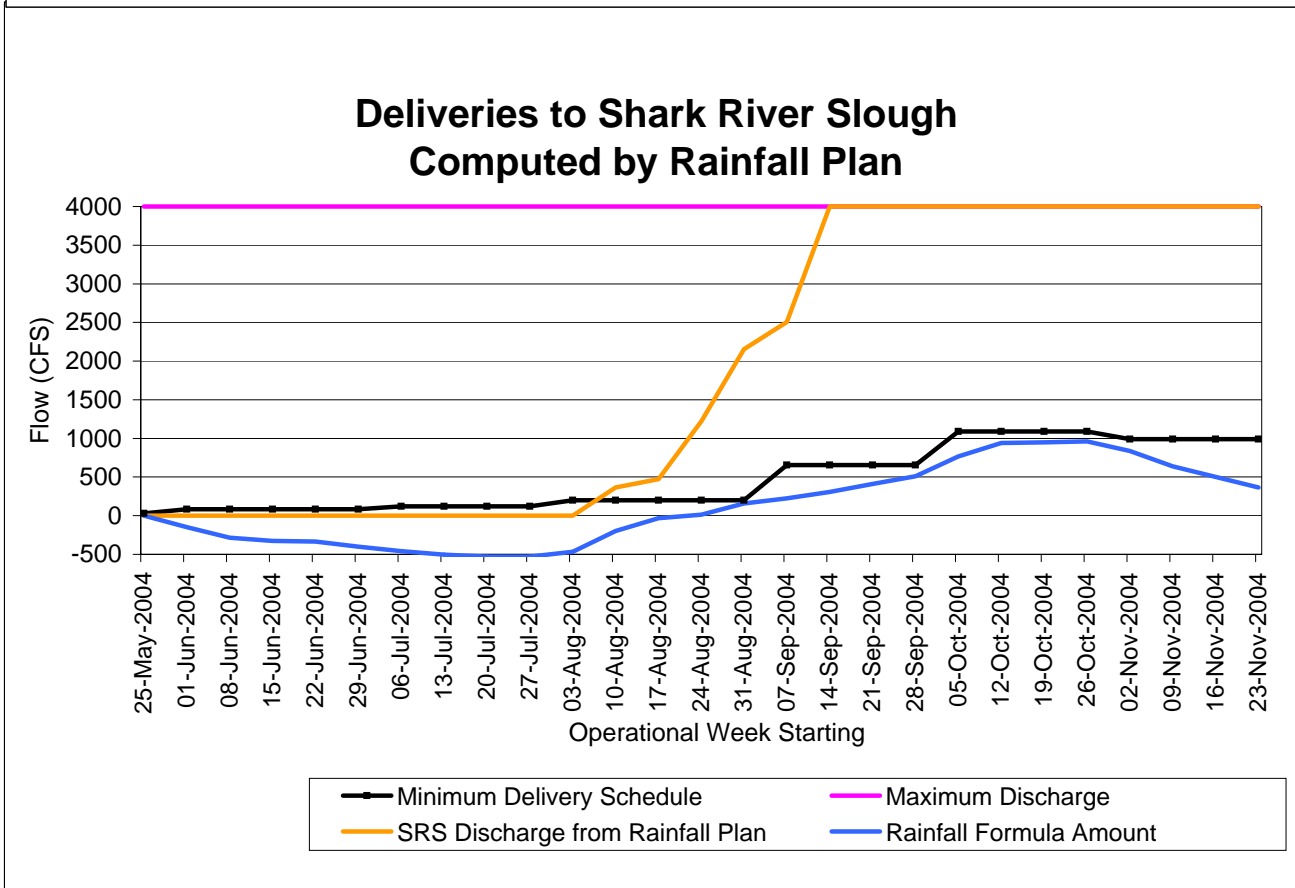
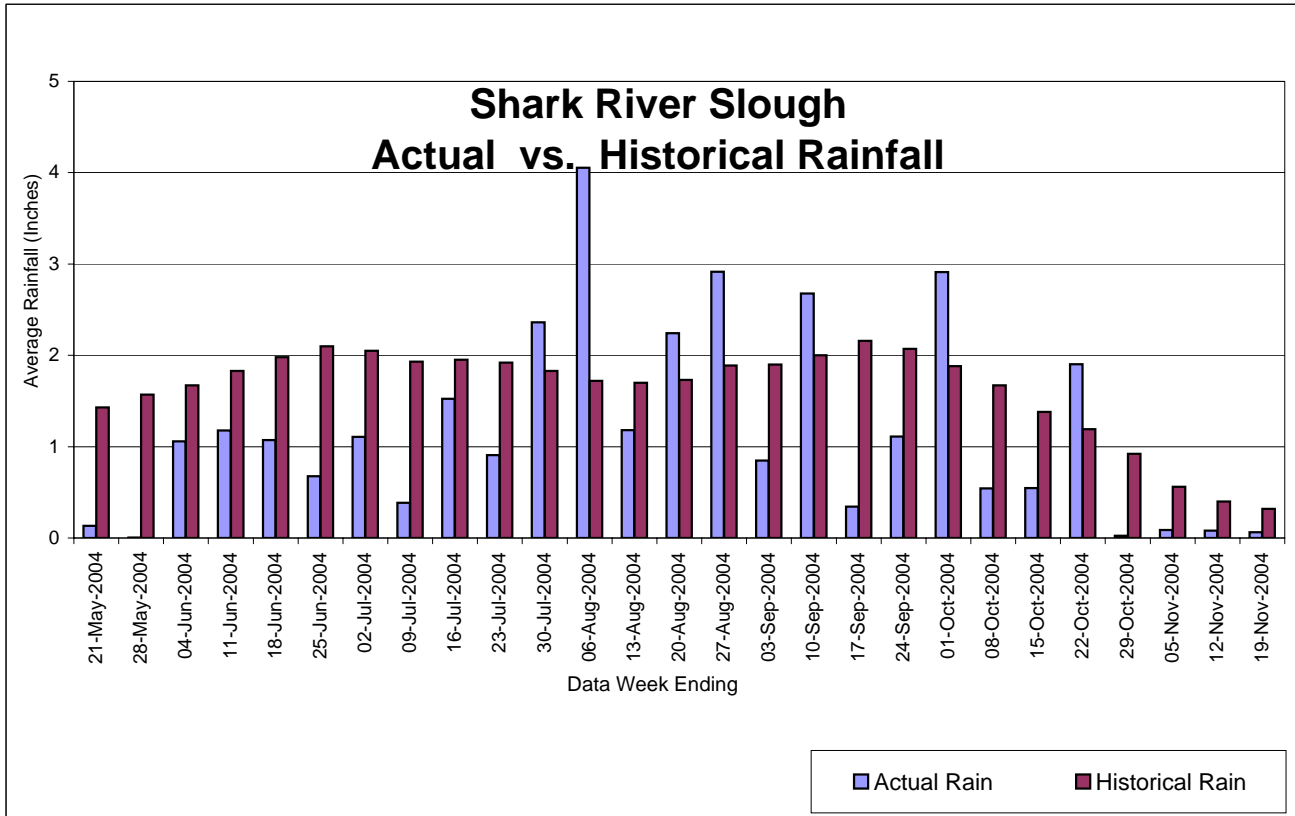
----- **Statistical Parameters** -----

Rainfall Formula Amount **364** cfs  
 Last Week's Rainfall Formula **501** cfs  
 Pre-Project Mean Discharge **689** cfs

Rainfall Excess Terms  
 RL1 **-0.67** RL2 **-1.65** RL3 **-3.37**

**COMMENT: ENP, S7 and S140 evaporation data were used.**

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



## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow November 30, 2004 to December 6, 2004 620 cfs

S-12 Discharge 279 cfs  
 S-333 Discharge 341 cfs

----- Data Summary ----- November 19, 2004 to November 26, 2004  
 WCA-3A Stage (end of week) 10.65 ft. msl  
 Angel's 6.22 ft. msl  
 G3273 6.82 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.03	0.83
S-8	0.09	
S-9	0.11	
S-140	0.14	1.17
S-12D	0.00	
S-336	0.22	
ENP	M	M
Gage 63	0.12	
Gage 64	0.28	
Gage 65	0.62	
This Week's Avg	0.18	1.00
Pre-Project Avg	0.29	0.82

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

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

Supplemental discharge is 375 cfs  
 Distance to Bottom of Transition Zone -0.15 feet  
 Distance to Bottom of Regulatory Zone 0.10 feet

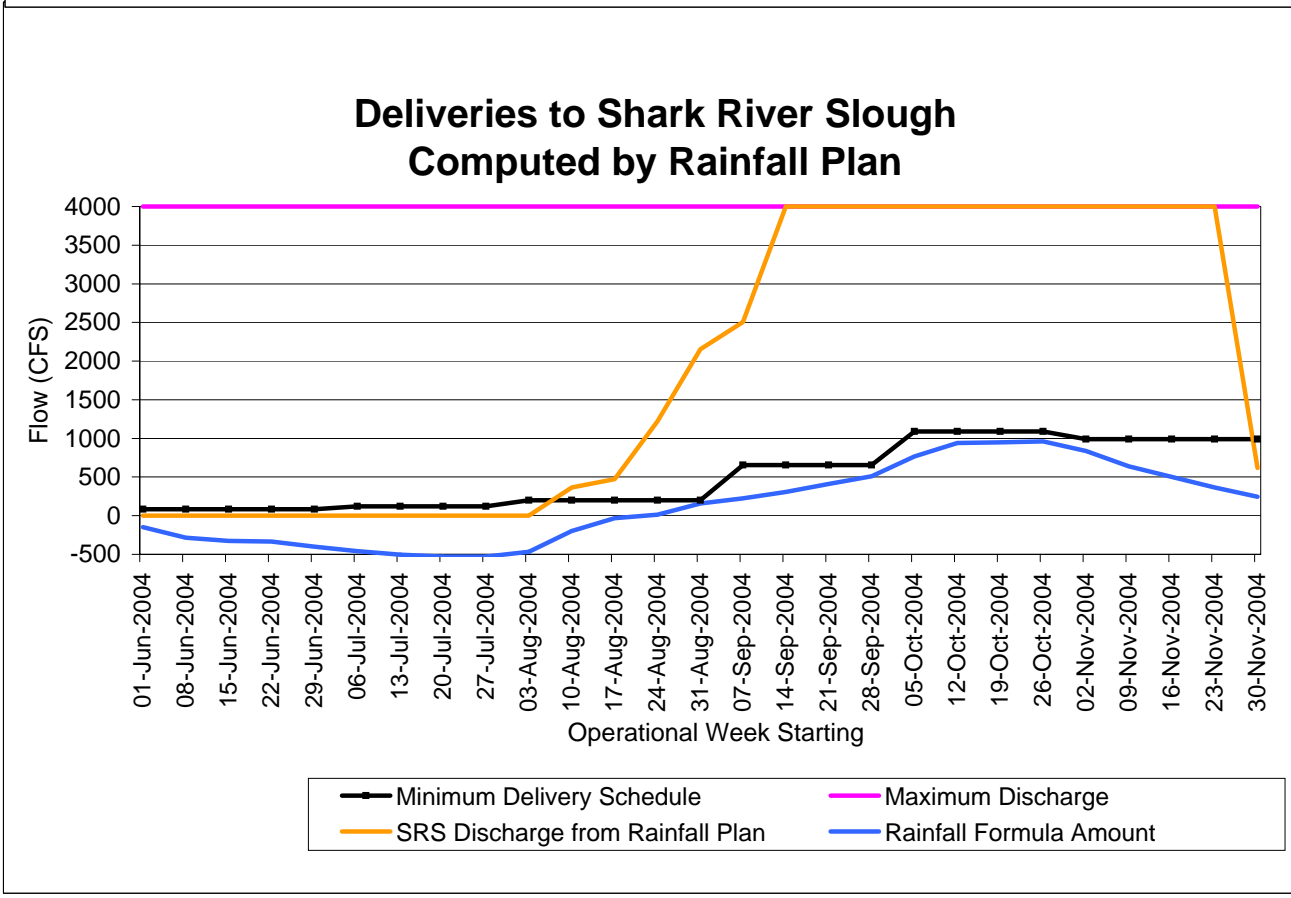
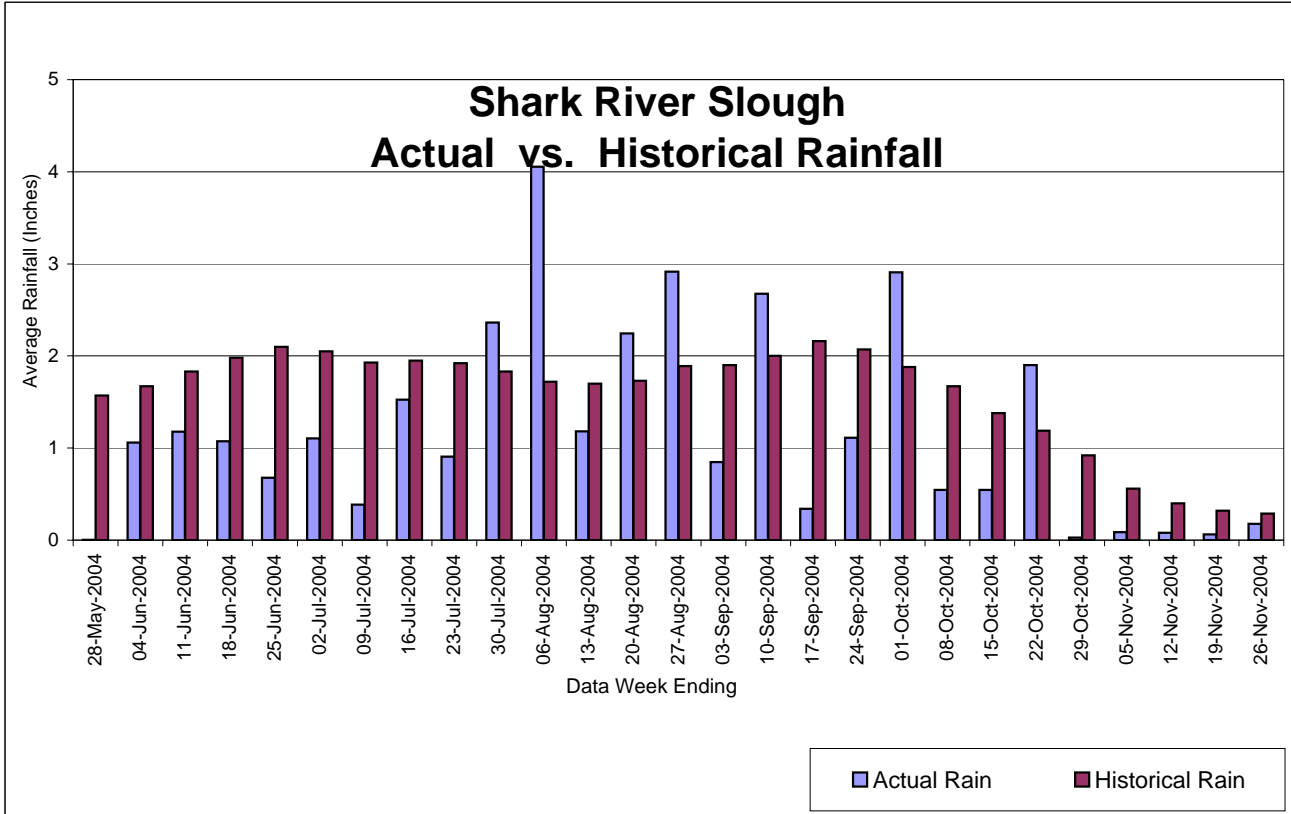
----- Statistical Parameters -----

Rainfall Formula Amount 245 cfs  
 Last Week's Rainfall Formula 364 cfs  
 Pre-Project Mean Discharge 566 cfs

Rainfall Excess Terms  
 RL1 -0.52 RL2 -1.13 RL3 -2.24

**COMMENT: S7 and S140 evaporation data were used. ENP evaporation 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, 2004 to December 13, 2004 **144 cfs**

S-12 Discharge 65 cfs  
 S-333 Discharge 79 cfs

----- Data Summary ----- November 26, 2004 to December 3, 2004  
 WCA-3A Stage (end of week) 10.49 ft. msl  
 Angel's 6.03 ft. msl  
 G3273 6.81 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.09	0.77
S-8	0.11	
S-9	0.03	
S-140	0.11	0.95
S-12D	0.00	
S-336	0.01	
ENP	M	M
Gage 63	0.08	
Gage 64	0.07	
Gage 65	0.05	
This Week's Avg	0.06	0.86
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 0.01 feet  
 Distance to Bottom of Regulatory Zone 0.26 feet

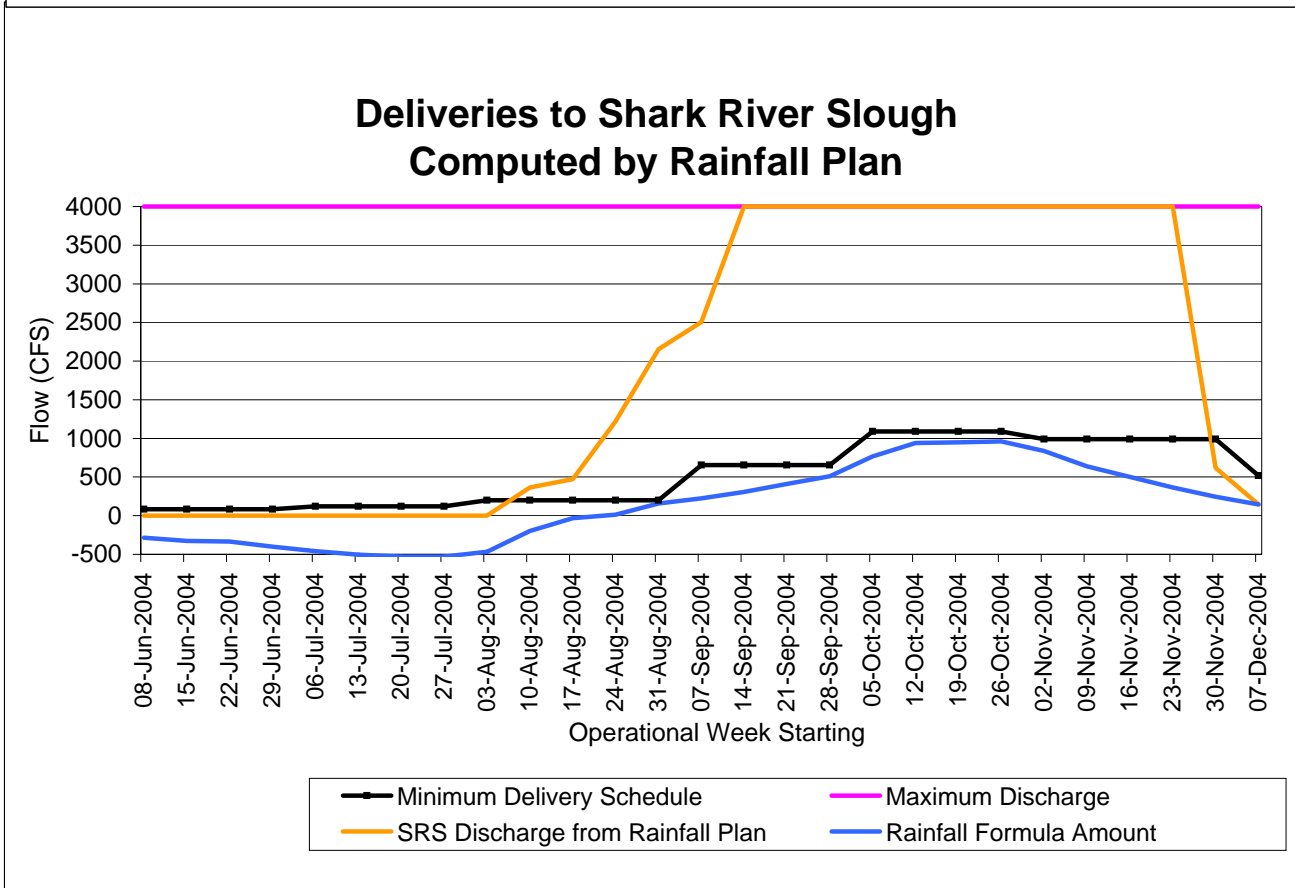
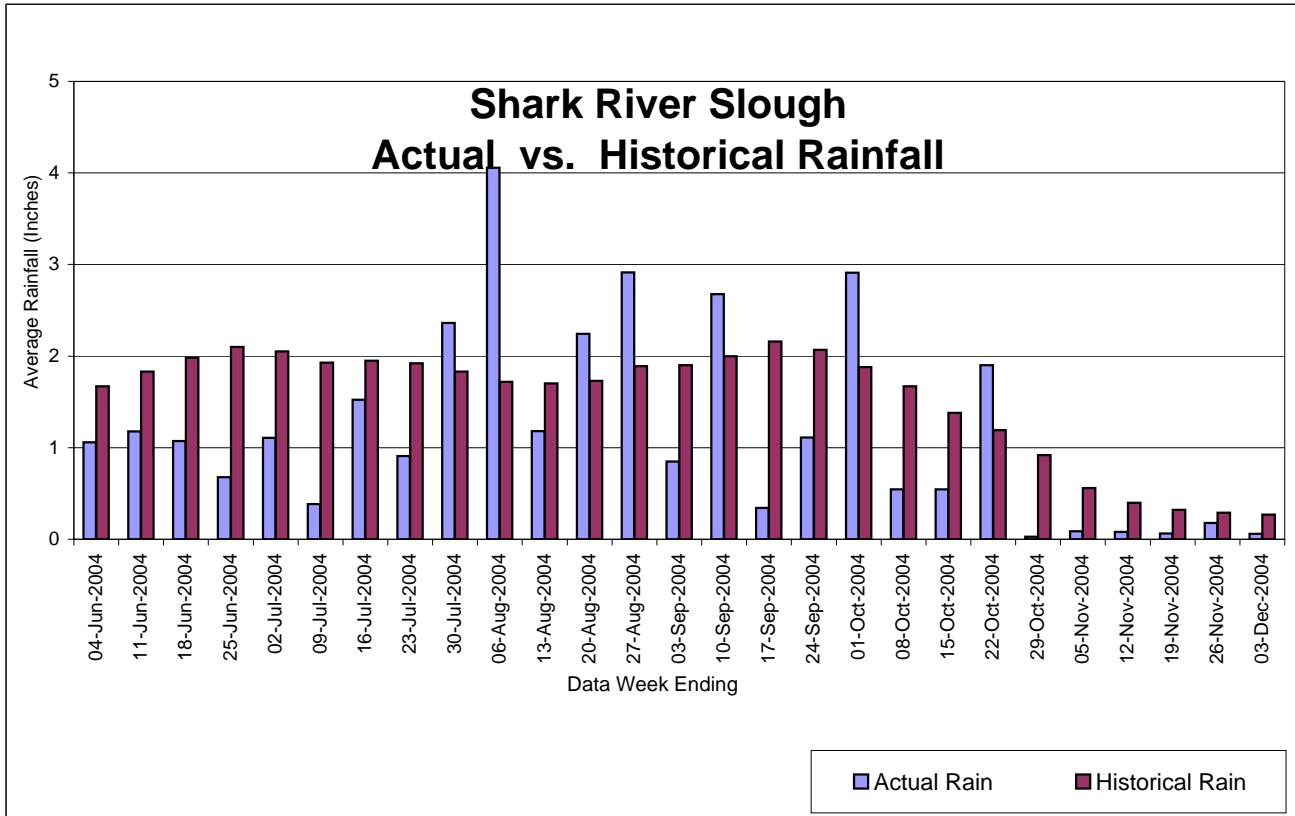
----- Statistical Parameters -----

Rainfall Formula Amount 144 cfs  
 Last Week's Rainfall Formula 245 cfs  
 Pre-Project Mean Discharge 462 cfs

Rainfall Excess Terms  
 RL1 -0.51 RL2 -2.13 RL3 -0.35

**COMMENT: S7 and S140 evaporation data were used. ENP evaporation 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, 2004 to December 20, 2004 **63 cfs**

S-12 Discharge **28 cfs**  
 S-333 Discharge **35 cfs**

----- Data Summary ----- December 3, 2004 to **December 10, 2004**  
 WCA-3A Stage (end of week) **10.38** ft. msl  
 Angel's **5.89** ft. msl  
 G3273 **6.73** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	<b>0.00</b>	<b>0.69</b>
S-8	<b>0.06</b>	
S-9	<b>0.01</b>	
S-140	<b>0.00</b>	<b>0.93</b>
S-12D	<b>0.00</b>	
S-336	<b>0.01</b>	
ENP	<b>0.04</b>	<b>M</b>
Gage 63	<b>0.26</b>	
Gage 64	<b>0.01</b>	
Gage 65	<b>0.01</b>	
This Week's Avg	<b>0.04</b>	<b>0.81</b>
Pre-Project Avg	<b>0.24</b>	<b>0.78</b>

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

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

Supplemental discharge is **0 cfs**  
 Distance to Bottom of Transition Zone **0.12 feet**  
 Distance to Bottom of Regulatory Zone **0.37 feet**

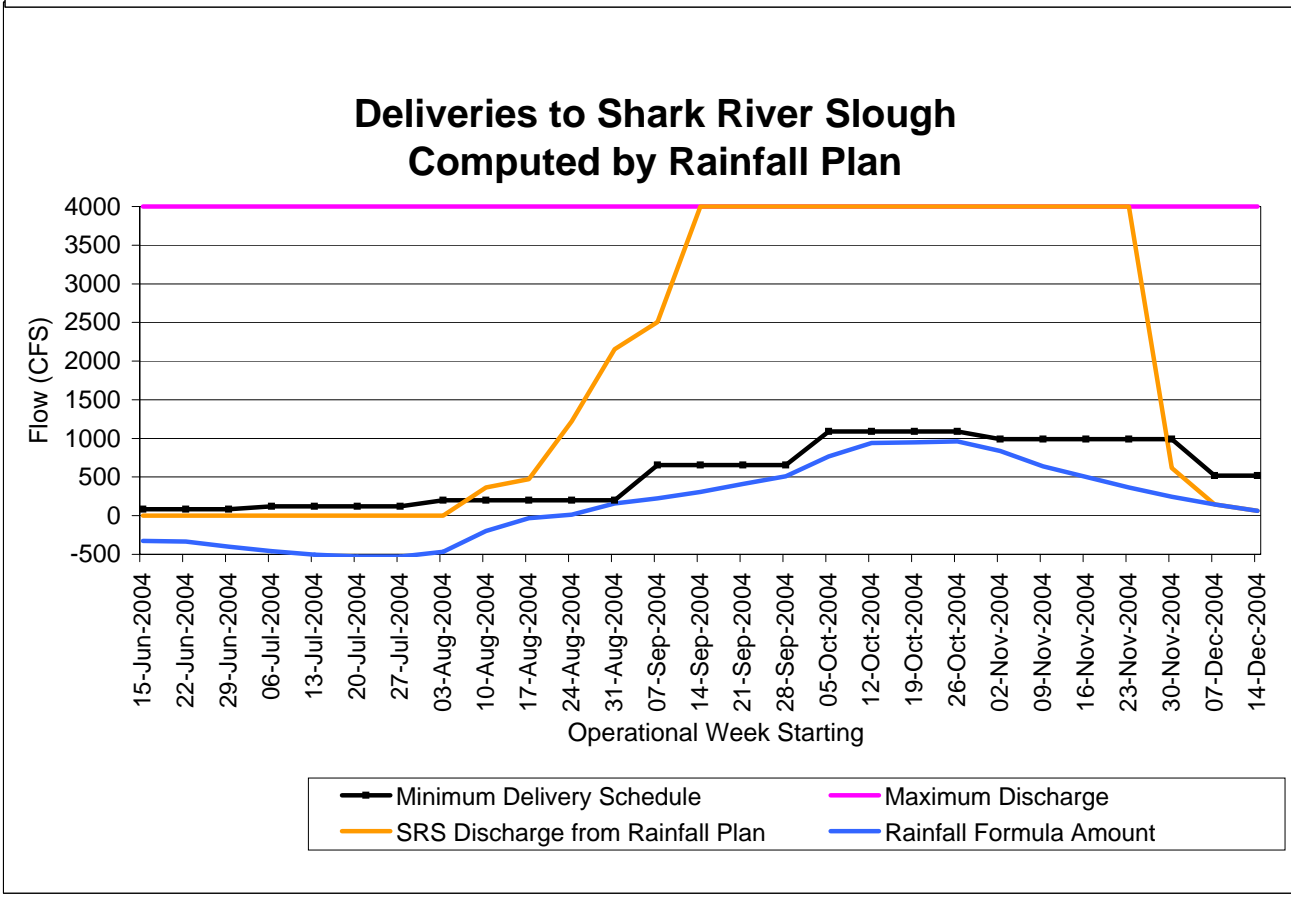
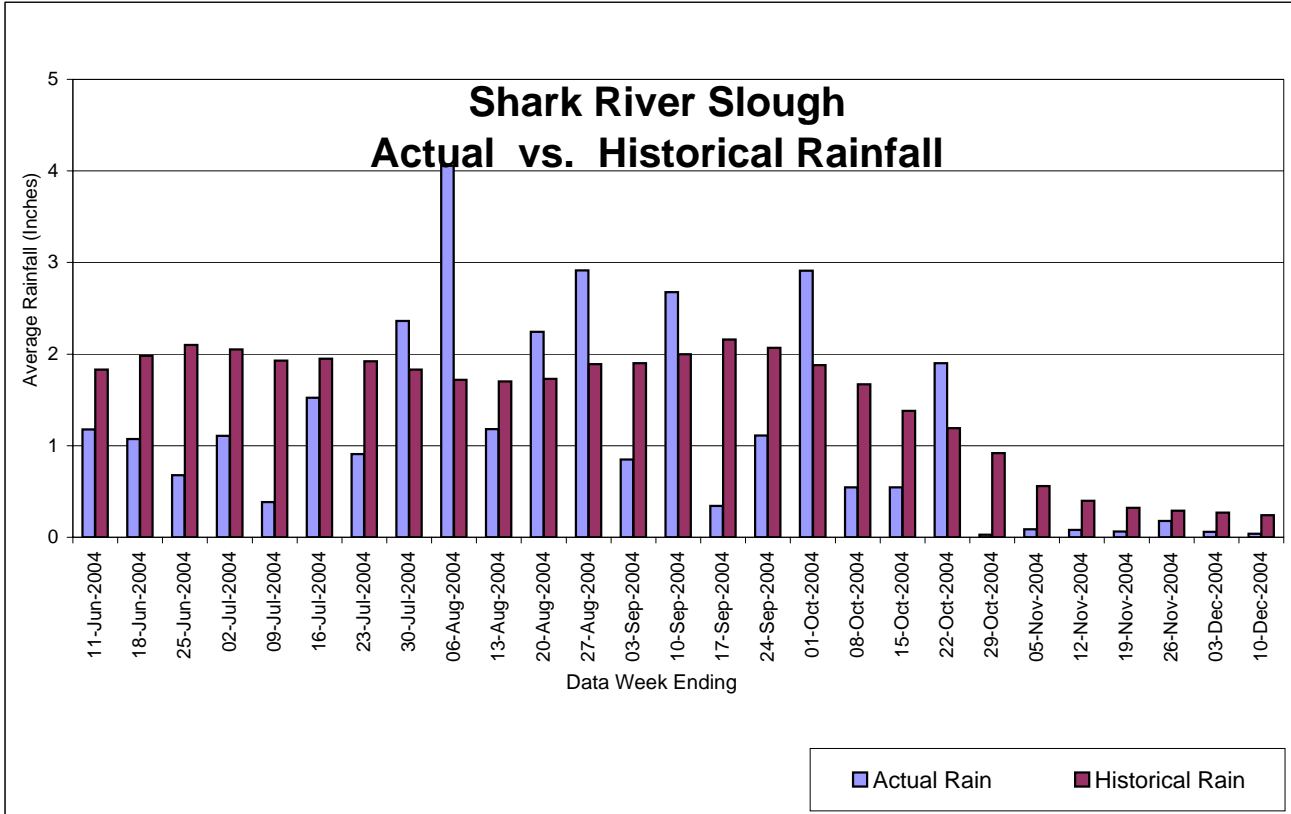
----- Statistical Parameters -----

Rainfall Formula Amount **63 cfs**  
 Last Week's Rainfall Formula **144 cfs**  
 Pre-Project Mean Discharge **376 cfs**

Rainfall Excess Terms  
 RL1 **-0.48** RL2 **-1.42** RL3 **-2.32**

**COMMENT: S7 and S140 evaporation data were used. ENP evaporation 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, 2004 to December 27, 2004 **16 cfs**

S-12 Discharge **7 cfs**  
 S-333 Discharge **9 cfs**

----- Data Summary ----- December 10, 2004 to **December 17, 2004**  
 WCA-3A Stage (end of week) **10.28** ft. msl  
 Angel's **5.72** ft. msl  
 G3273 **6.62** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	<b>0.02</b>	<b>0.79</b>
S-8	<b>0.28</b>	
S-9	<b>0.05</b>	
S-140	<b>0.19</b>	<b>0.86</b>
S-12D	<b>0.00</b>	
S-336	<b>0.00</b>	
ENP	<b>0.14</b>	<b>M</b>
Gage 63	<b>0.18</b>	
Gage 64	<b>0.00</b>	
Gage 65	<b>0.31</b>	
This Week's Avg	<b>0.12</b>	<b>0.83</b>
Pre-Project Avg	<b>0.24</b>	<b>0.76</b>

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

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

Supplemental discharge is **0 cfs**  
 Distance to Bottom of Transition Zone **0.22 feet**  
 Distance to Bottom of Regulatory Zone **0.47 feet**

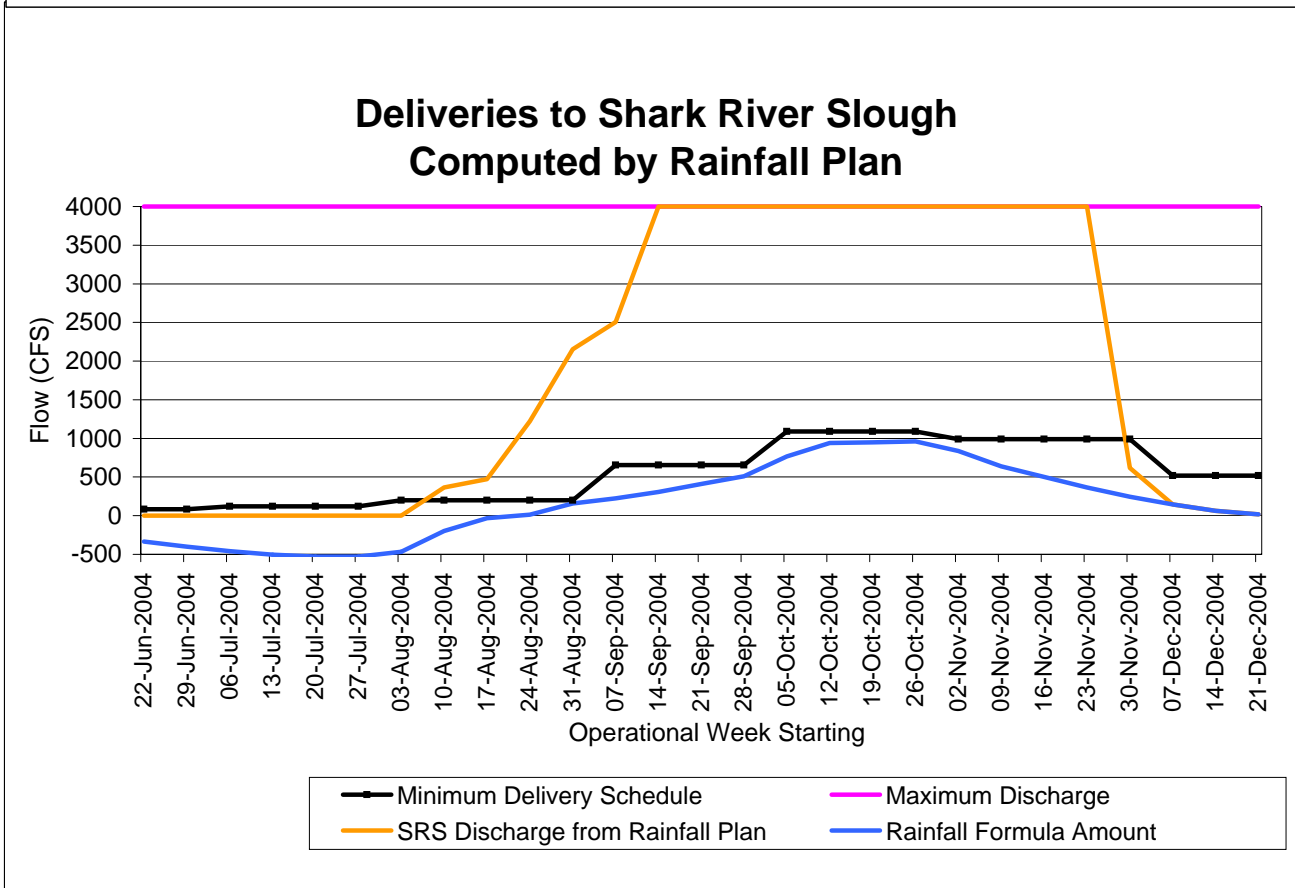
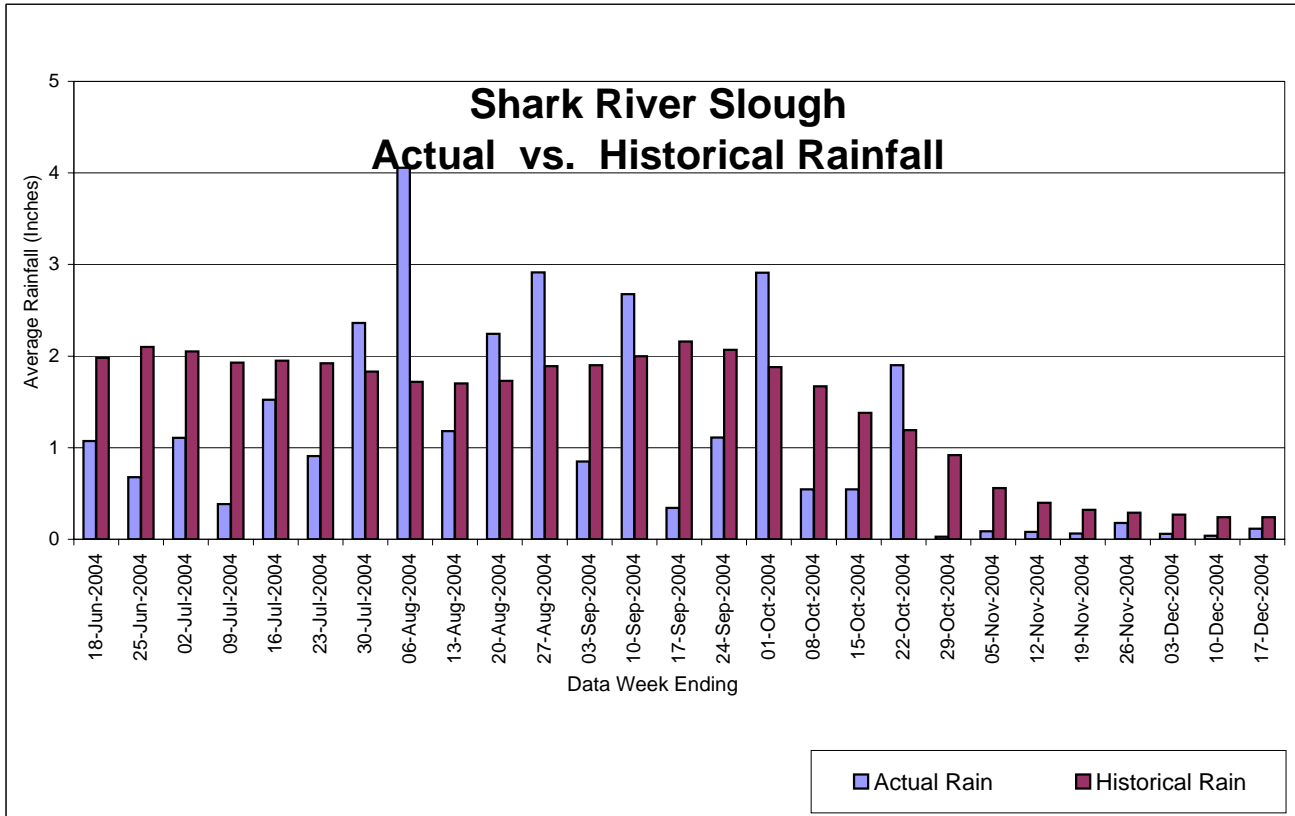
----- Statistical Parameters -----

Rainfall Formula Amount **16 cfs**  
 Last Week's Rainfall Formula **63 cfs**  
 Pre-Project Mean Discharge **321 cfs**

Rainfall Excess Terms  
 RL1 **-0.40** RL2 **-1.18** RL3 **-1.65**

**COMMENT: S7 and S140 evaporation data were used. ENP evaporation 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, 2004 to January 3, 2005 0 cfs

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

----- Data Summary -----      December 17, 2004 to December 24, 2004  
 WCA-3A Stage (end of week)      10.24 ft. msl  
 Angel's      5.68 ft. msl  
 G3273      6.50 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.05	1.01
S-8	0.10	
S-9	0.01	
S-140	0.42	0.82
S-12D	0.00	
S-336	0.00	
ENP	0.01	0.45
Gage 63	0.06	
Gage 64	0.01	
Gage 65	0.09	
This Week's Avg	0.08	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 0.26 feet  
 Distance to Bottom of Regulatory Zone 0.51 feet

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

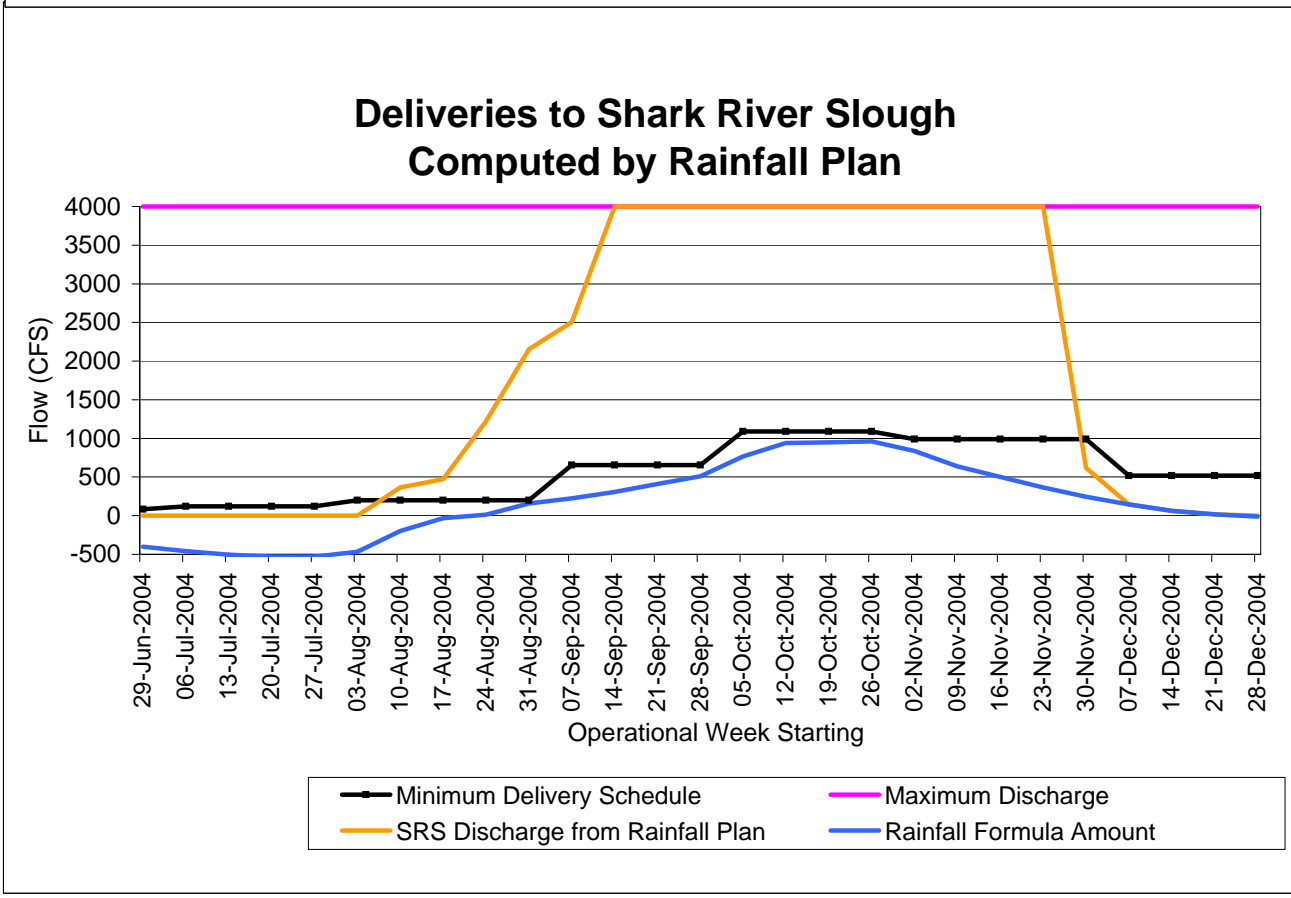
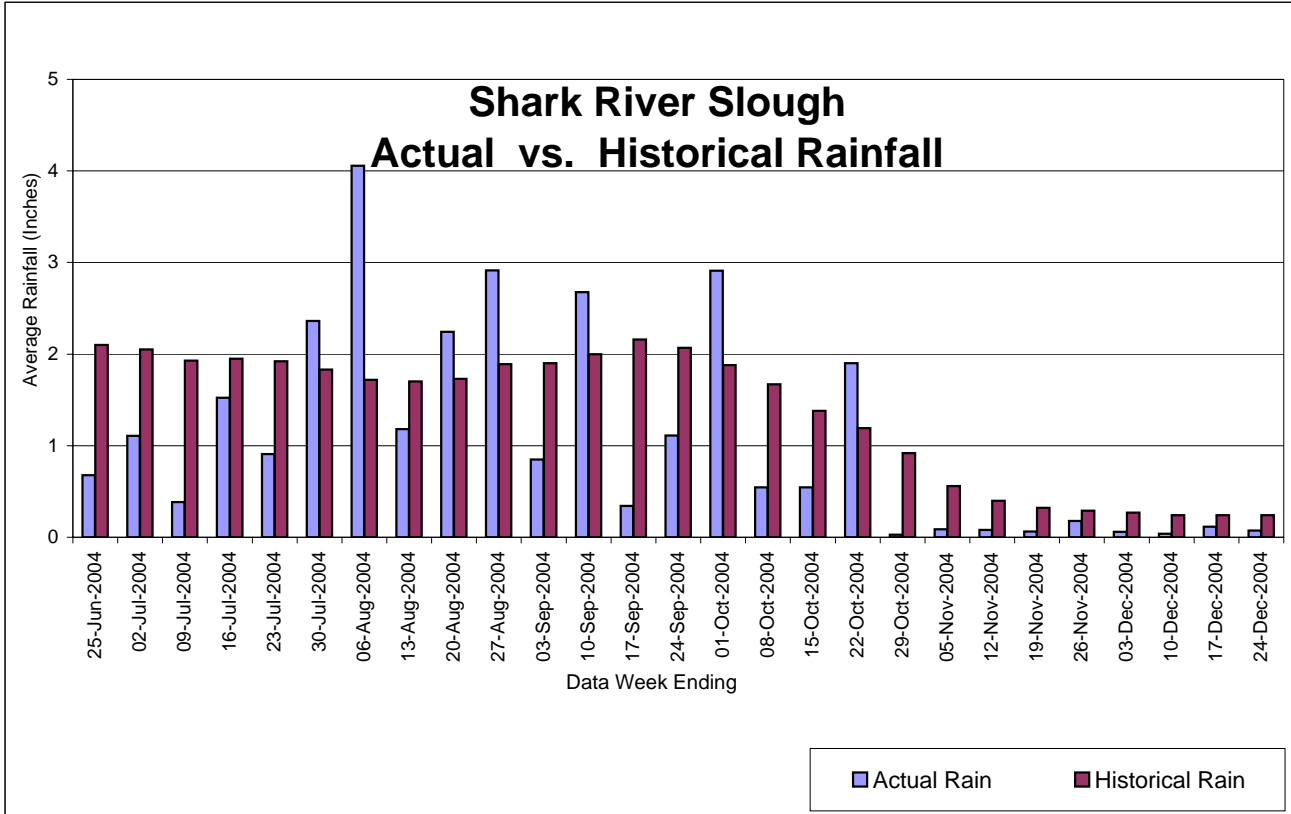
Rainfall Formula Amount -13 cfs  
 Last Week's Rainfall Formula 16 cfs  
 Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms

RL1 -0.35	RL2 -1.00	RL3 -1.13
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COMMENT: ENP, S7 and S140 evaporation data were used.

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





## WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 4, 2005 to January 10, 2005 0 cfs

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

----- Data Summary ----- December 24, 2004 to December 31, 2004  
 WCA-3A Stage (end of week) 10.19 ft. msl  
 Angel's 5.62 ft. msl  
 G3273 6.40 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.09	0.64
S-8	0.20	
S-9	0.01	
S-140	M	0.81
S-12D	0.00	
S-336	0.22	
ENP	M	M
Gage 63	0.43	
Gage 64	0.41	
Gage 65	1.04	
This Week's Avg	0.30	0.72
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 0.31 feet  
 Distance to Bottom of Regulatory Zone 0.56 feet

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

Rainfall Formula Amount -27 cfs  
 Last Week's Rainfall Formula -13 cfs  
 Pre-Project Mean Discharge 247 cfs

Rainfall Excess Terms  
 RL1 -0.12 RL2 -0.90 RL3 -2.13

**COMMENT: S7 and S140 evaporation data were used. ENP evaporation were missing.**

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

