

WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **January 7, 2003 to January 13, 2003** **361 cfs**

S-12 Discharge 162 cfs
S-333 Discharge 198 cfs

----- Data Summary ----- **December 27, 2002 to January 3, 2003**

WCA-3A Stage (end of week)	10.29	ft. msl
Angel's	5.84	ft. msl
G3273	6.50	ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.32	0.74
S-8	0.29	
S-9	0.00	
S-140	0.71	0.91
S-12D	0.44	
S-336	0.42	
ENP	0.59	M
Gage 63	0.46	
Gage 64	0.35	
Gage 65	0.71	
This Week's Avg	0.43	0.83
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	0.19 feet
Distance to Bottom of Regulatory Zone	0.46 feet

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

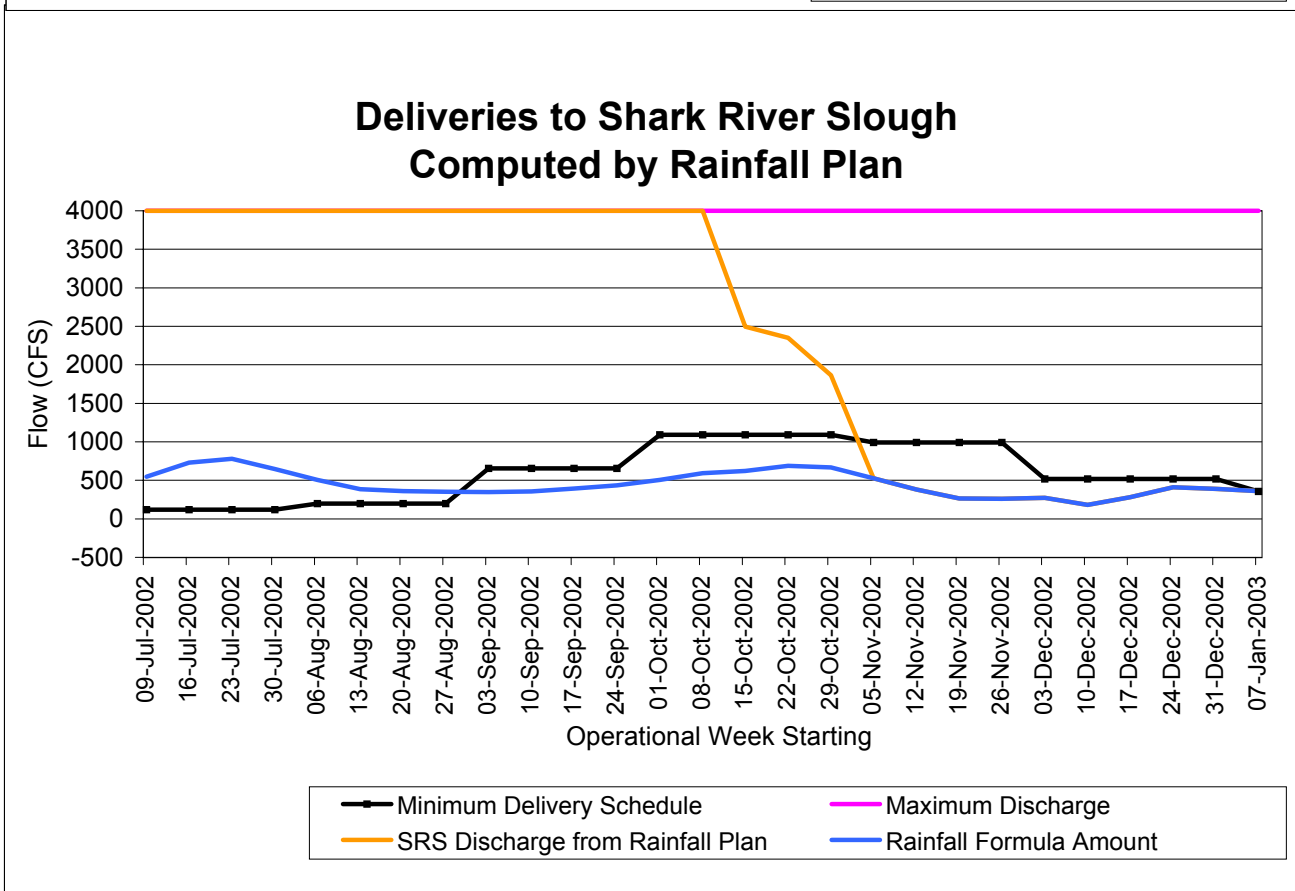
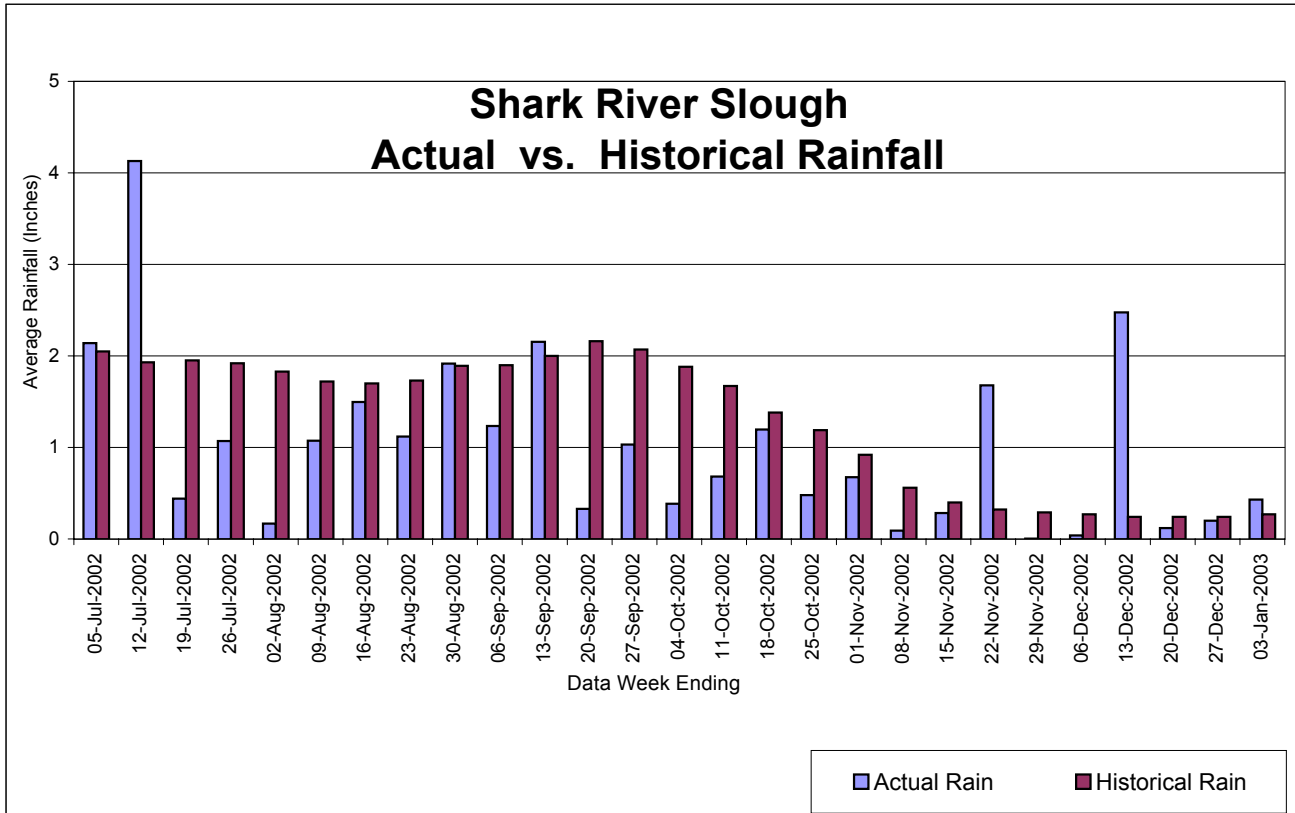
Rainfall Formula Amount	361 cfs
Last Week's Rainfall Formula	388 cfs
Pre-Project Mean Discharge	247 cfs

Rainfall Excess Terms

RL1	-0.08	RL2	2.09	RL3	0.13
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COMMENT: ENP pan evaporation value is low and marked missing. S-7 and S140 data was used.

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



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 14, 2003 to January 20, 2003 337 cfs

S-12 Discharge	151 cfs
S-333 Discharge	185 cfs

----- Data Summary ----- January 3, 2003 to January 10, 2003

WCA-3A Stage (end of week)	10.42	ft. msl
Angel's	5.51	ft. msl
G3273	6.34	ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	0.70
S-8	0.00	
S-9	0.37	
S-140	0.00	0.89
S-12D	0.03	
S-336	0.00	
ENP	0.05	M
Gage 63	0.00	
Gage 64	0.00	
Gage 65	0.09	
This Week's Avg	0.05	0.80
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	0.01 feet
Distance to Bottom of Regulatory Zone	0.33 feet

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

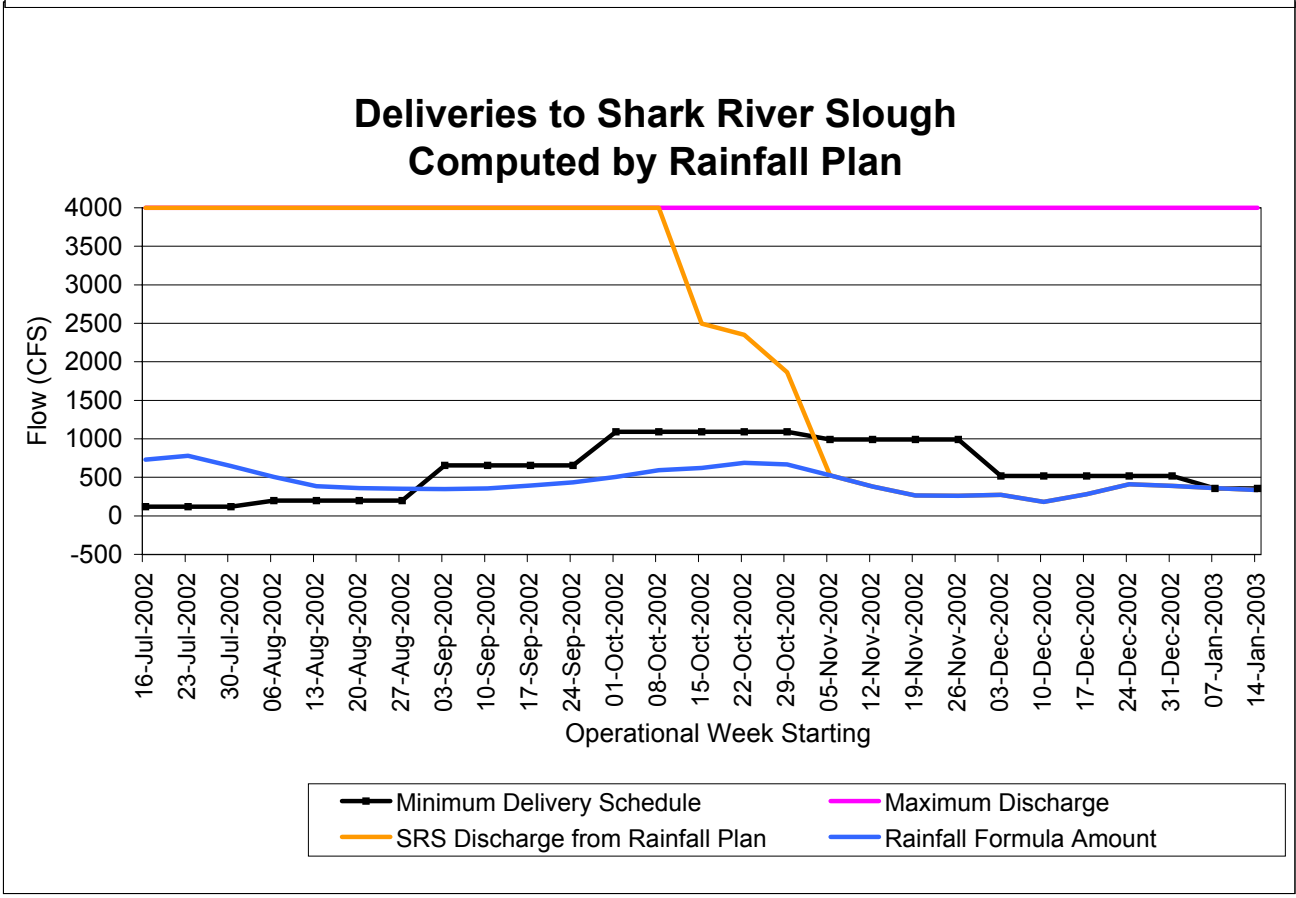
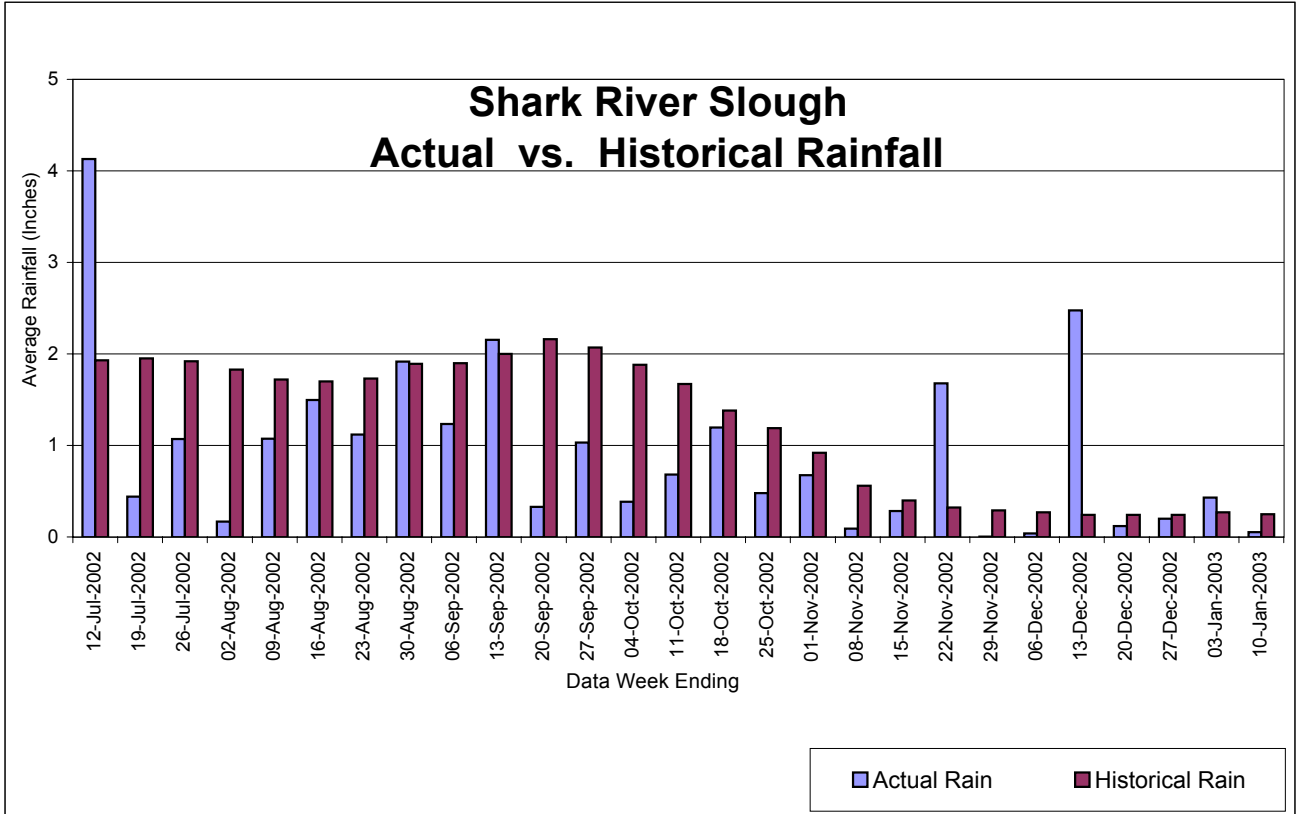
Rainfall Formula Amount	337 cfs
Last Week's Rainfall Formula	361 cfs
Pre-Project Mean Discharge	216 cfs

Rainfall Excess Terms

RL1	-0.12	RL2	2.03	RL3	0.40
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COMMENT: ENP pan evaporation value is missing. S-7 and S140 data was used.

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



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow January 21, 2003 to January 27, 2003 313 cfs

S-12 Discharge 141 cfs
 S-333 Discharge 172 cfs

----- Data Summary ----- January 10, 2003 to January 17, 2003
 WCA-3A Stage (end of week) 10.15 ft. msl
 Angel's 5.54 ft. msl
 G3273 6.23 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.34	0.71
S-8	0.46	
S-9	0.49	
S-140	0.25	0.87
S-12D	0.10	
S-336	0.06	
ENP	0.23	M
Gage 63	0.63	
Gage 64	0.59	
Gage 65	0.28	
This Week's Avg	0.34	0.79
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 0.24 feet
 Distance to Bottom of Regulatory Zone 0.60 feet

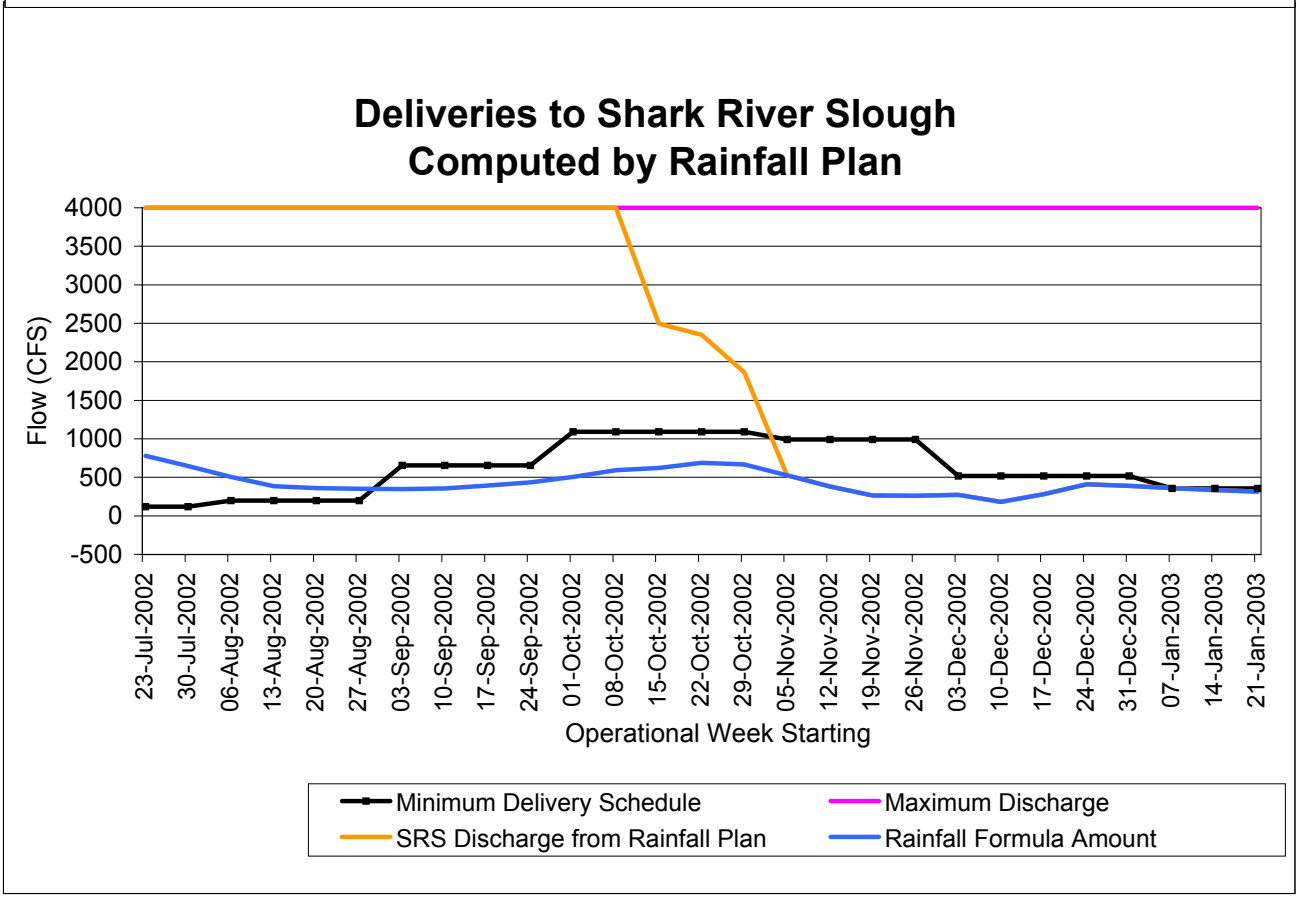
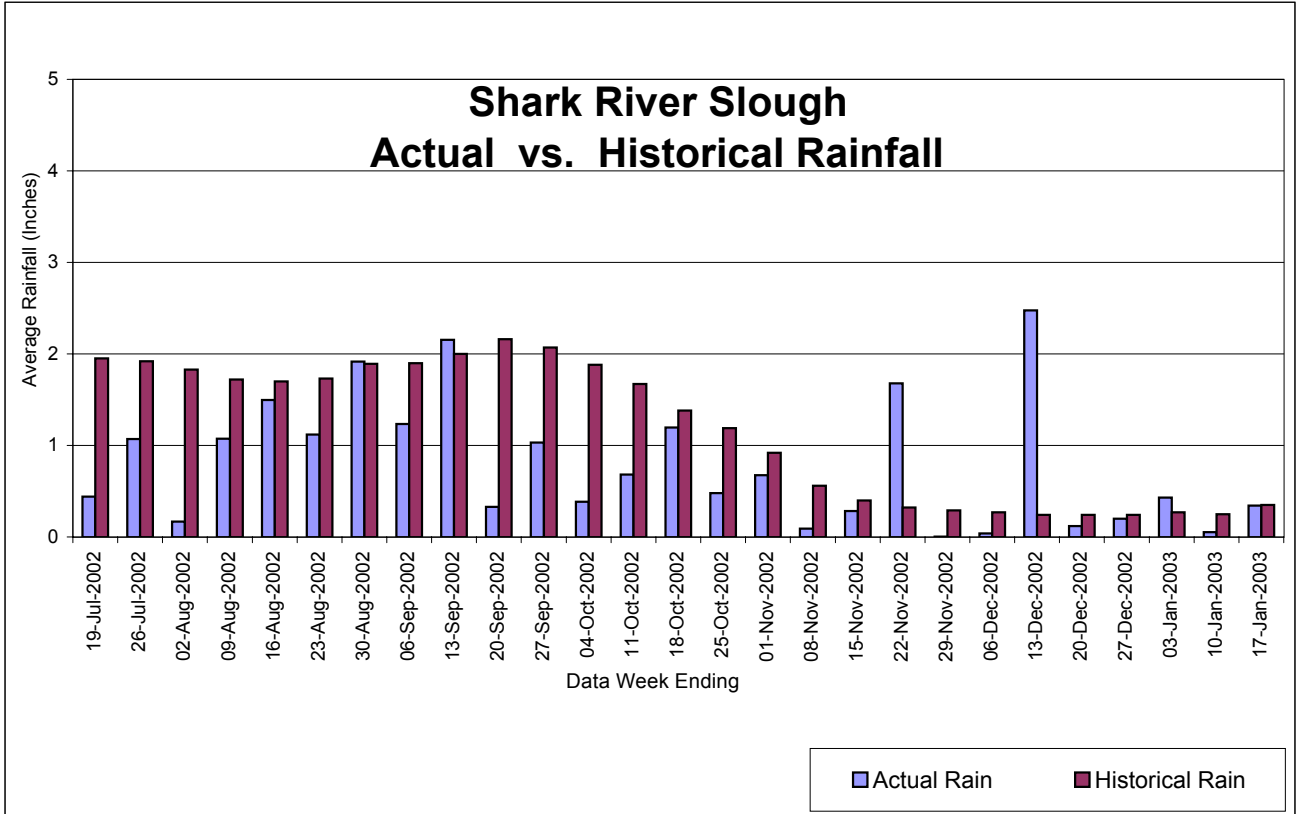
----- Statistical Parameters -----

Rainfall Formula Amount 313 cfs
 Last Week's Rainfall Formula 337 cfs
 Pre-Project Mean Discharge 186 cfs

Rainfall Excess Terms
RL1 -0.21 RL2 2.33 RL3 0.75

COMMENT: ENP pan evaporation values are missing. S-7 and S140 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 28, 2003 to February 3, 2003 281 cfs

S-12 Discharge 127 cfs
S-333 Discharge 155 cfs

----- Data Summary ----- January 17, 2003 to January 24, 2003
WCA-3A Stage (end of week) 10.06 ft. msl
Angel's 5.47 ft. msl
G3273 6.12 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	0.03		
S-140	0.09	0.91	
S-12D	0.00		
S-336	0.00		
ENP	0.01	M	
Gage 63	0.03		
Gage 64	0.01		
Gage 65	0.00		
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This Week's Avg	0.02	0.92	
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 0.28 feet
Distance to Bottom of Regulatory Zone 0.69 feet

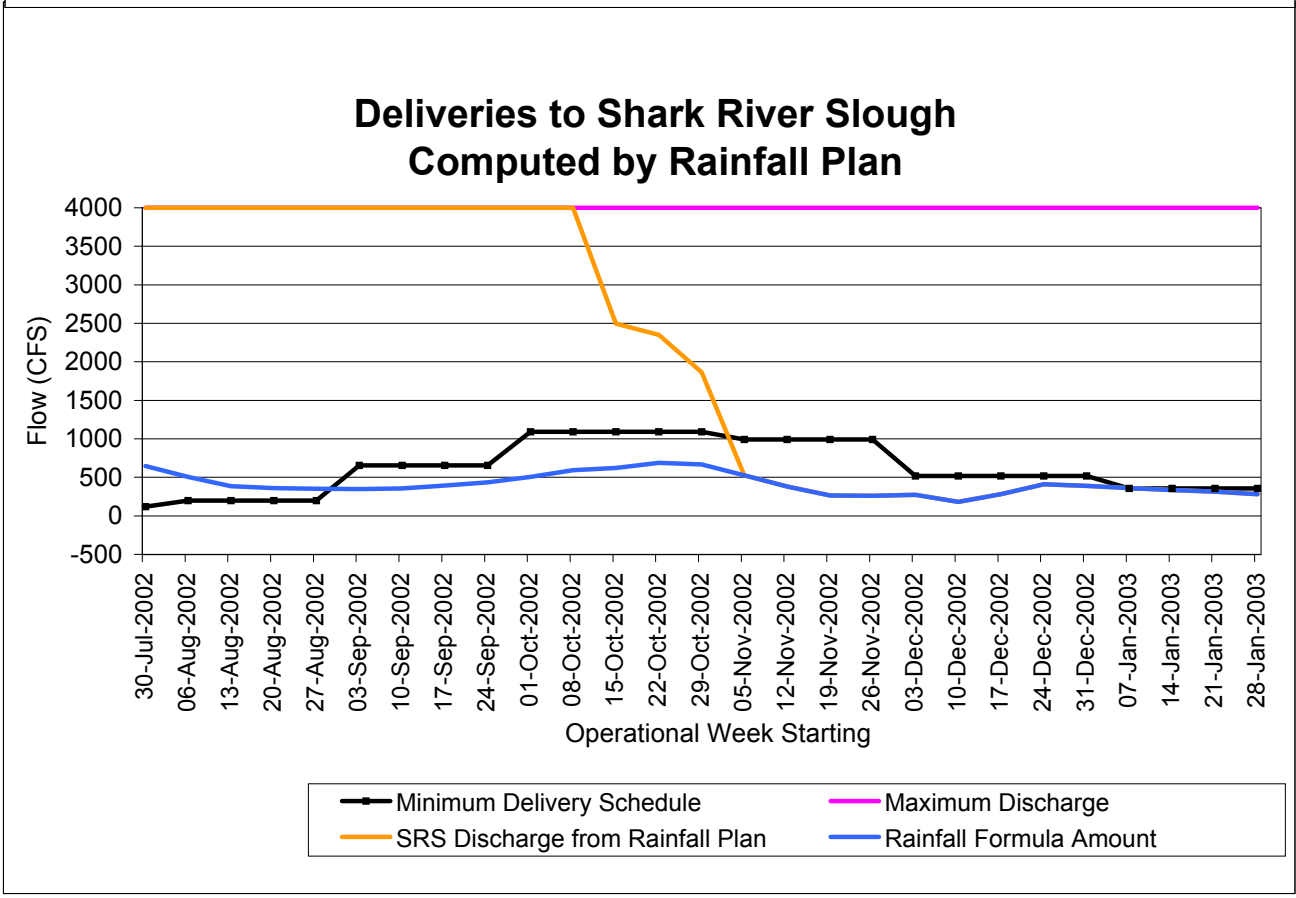
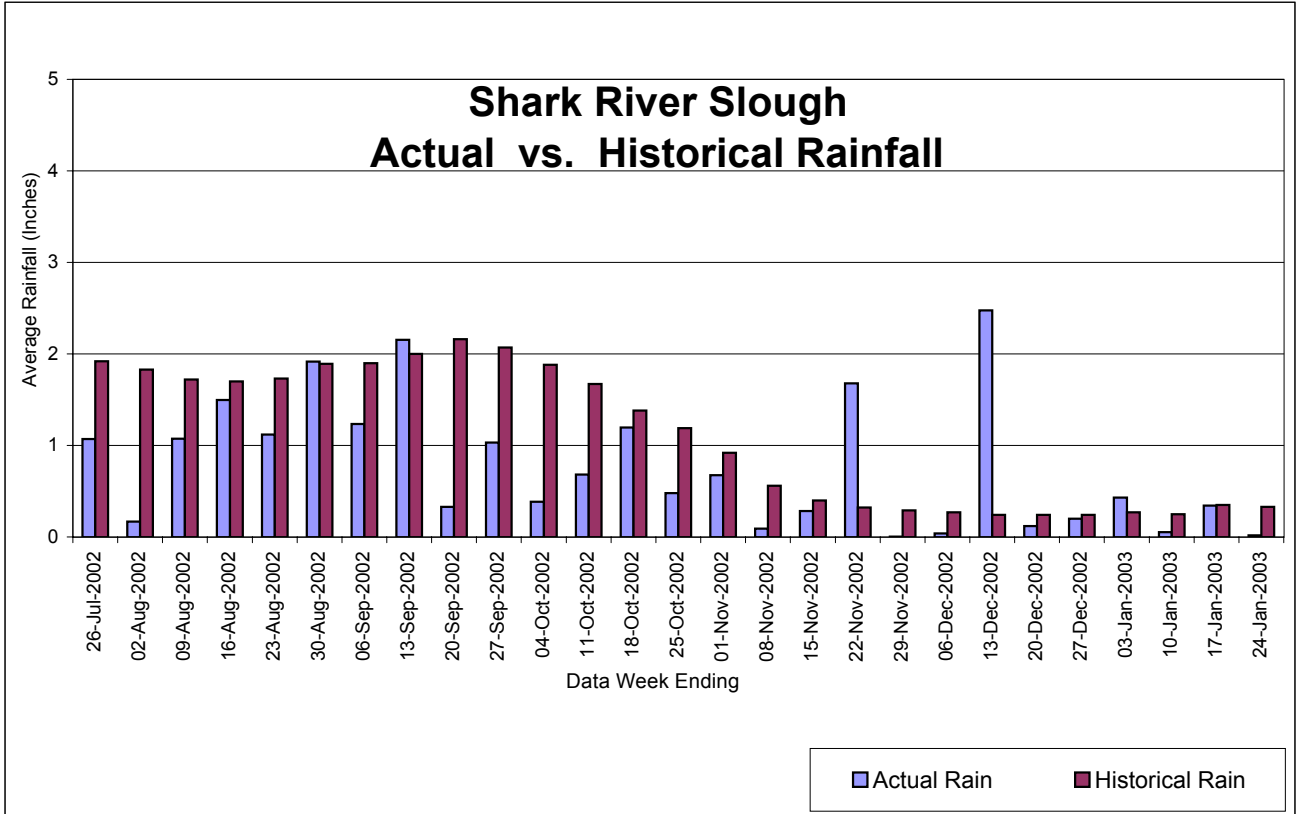
----- Statistical Parameters -----

Rainfall Formula Amount 281 cfs
Last Week's Rainfall Formula 313 cfs
Pre-Project Mean Discharge 153 cfs

Rainfall Excess Terms
 RL1 -0.37 RL2 -0.26 RL3 3.55

COMMENT: ENP pan evaporation values are missing. S-7 and S140 data were used.

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



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 4, 2003 to February 10, 2003 227 cfs

S-12 Discharge	102 cfs
S-333 Discharge	125 cfs

----- Data Summary ----- January 24, 2003 to January 31, 2003

WCA-3A Stage (end of week)	9.99	ft. msl
Angel's	5.43	ft. msl
G3273	6.04	ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	0.93
S-8	0.00	
S-9	0.01	
S-140	0.00	0.87
S-12D	0.00	
S-336	0.00	
ENP	0.01	M
Gage 63	0.01	
Gage 64	0.00	
Gage 65	0.00	
This Week's Avg	0.00	0.90
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	0.30 feet
Distance to Bottom of Regulatory Zone	0.76 feet

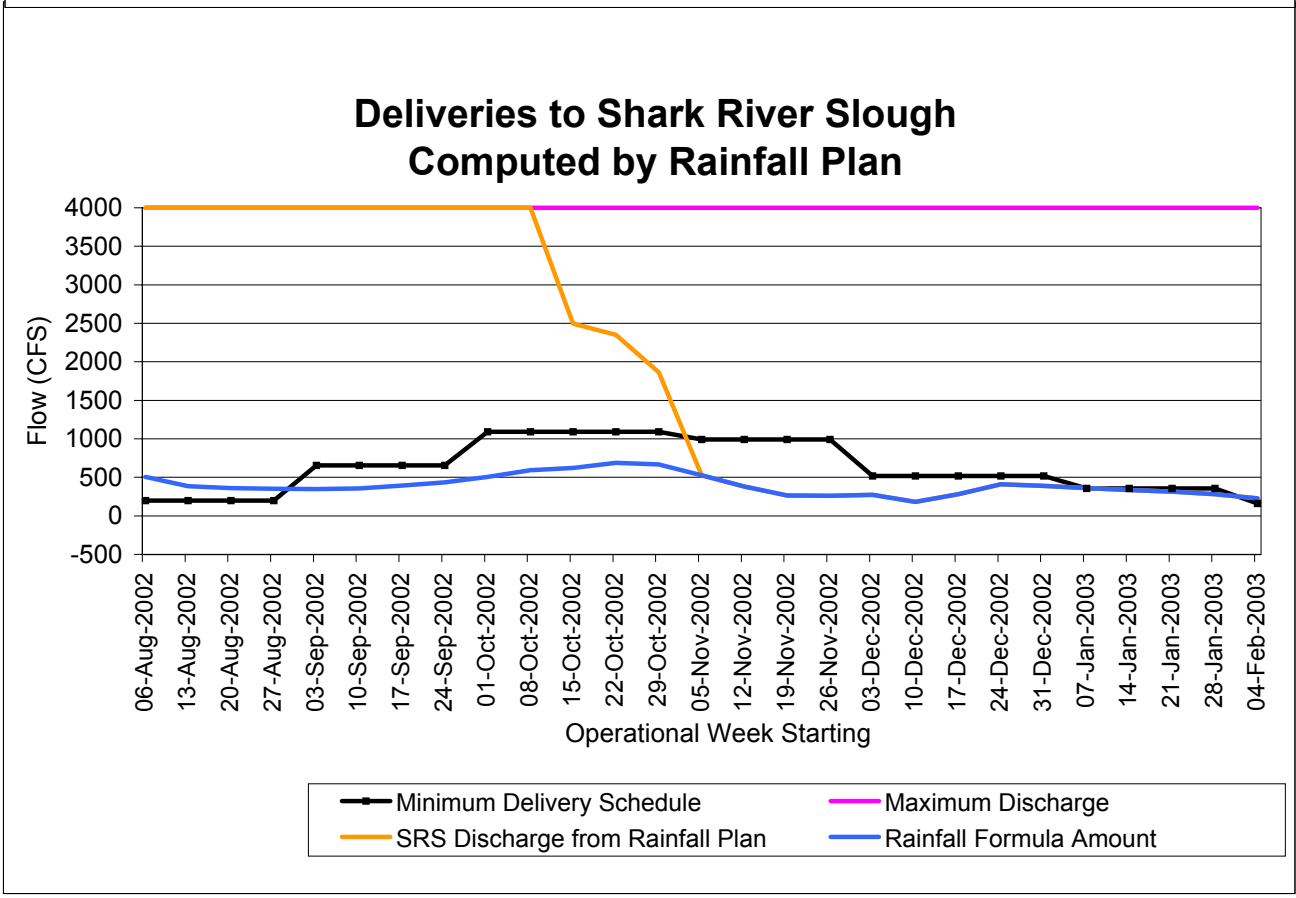
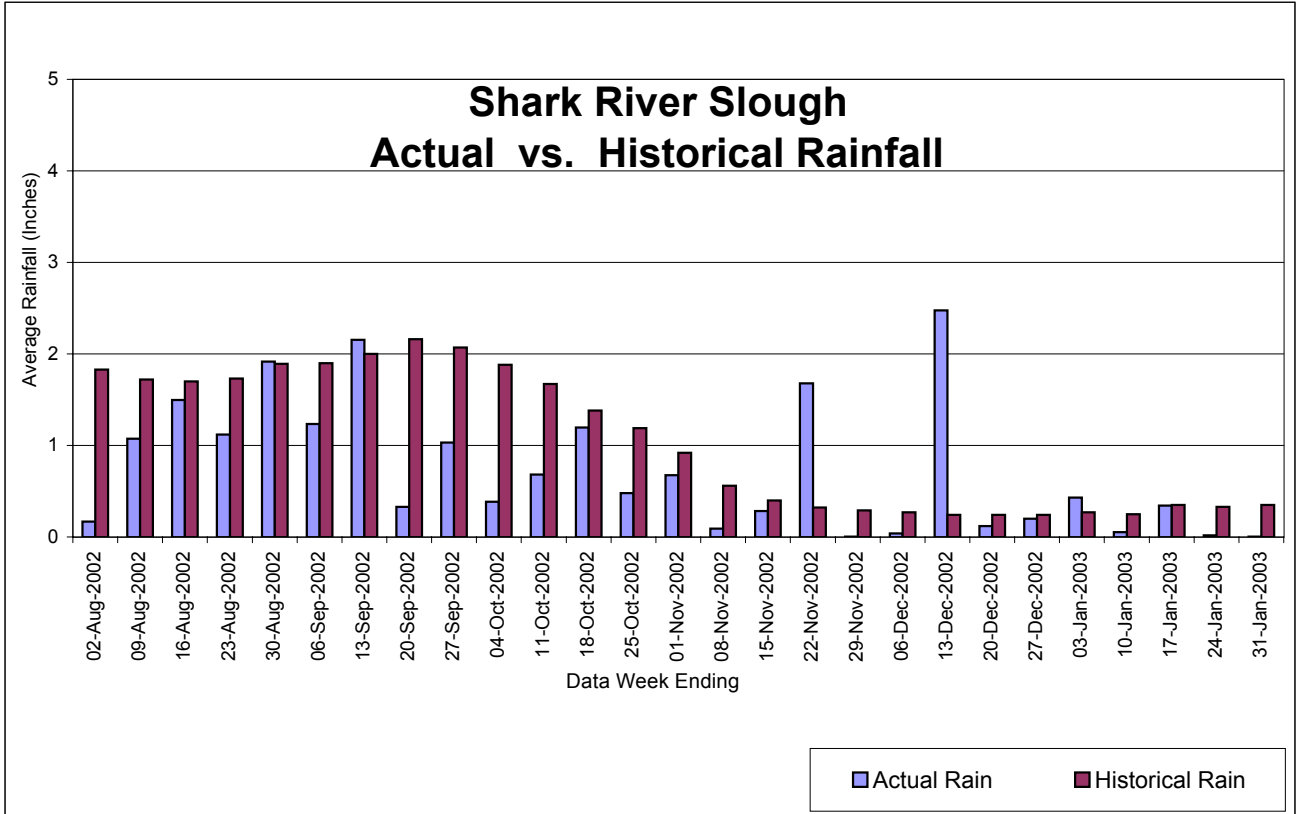
----- Statistical Parameters -----

Rainfall Formula Amount	227 cfs
Last Week's Rainfall Formula	281 cfs
Pre-Project Mean Discharge	130 cfs

Rainfall Excess Terms	RL1 -0.74	RL2 -0.29	RL3 2.09
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COMMENT: ENP pan evaporation values are missing. S-7 and S140 data were used.

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



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 18, 2003 to February 24, 2003 119 cfs

S-12 Discharge 53 cfs
 S-333 Discharge 65 cfs

----- Data Summary ----- February 7, 2003 to February 14, 2003
 WCA-3A Stage (end of week) 9.77 ft. msl
 Angel's 5.28 ft. msl
 G3273 5.83 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.26
S-8	0.00	
S-9	0.00	
S-140	0.00	1.59
S-12D	0.00	
S-336	0.00	
ENP	0.01	M
Gage 63	0.00	
Gage 64	0.05	
Gage 65	0.00	
This Week's Avg	0.01	1.43
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 0.43 feet
 Distance to Bottom of Regulatory Zone 0.93 feet

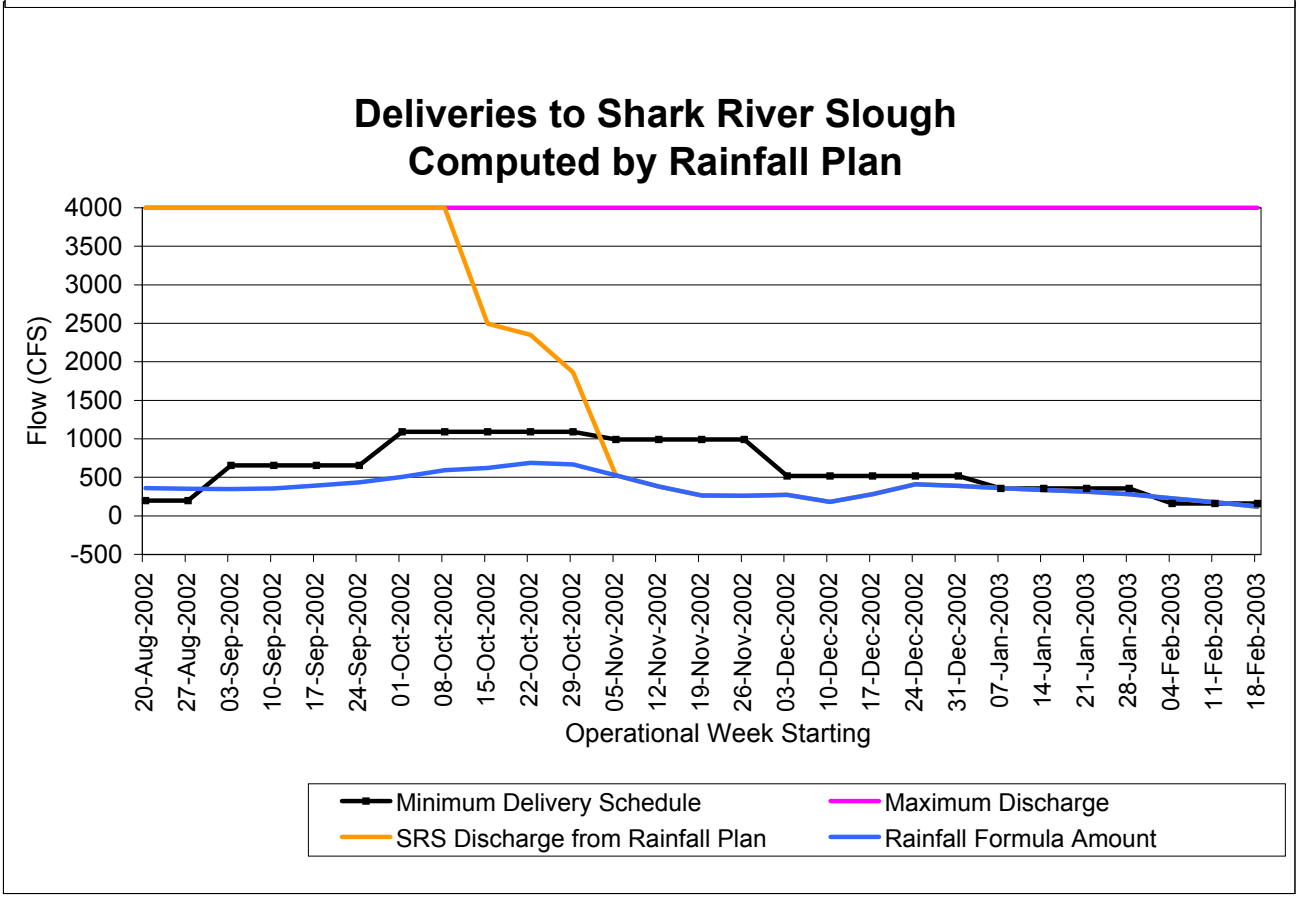
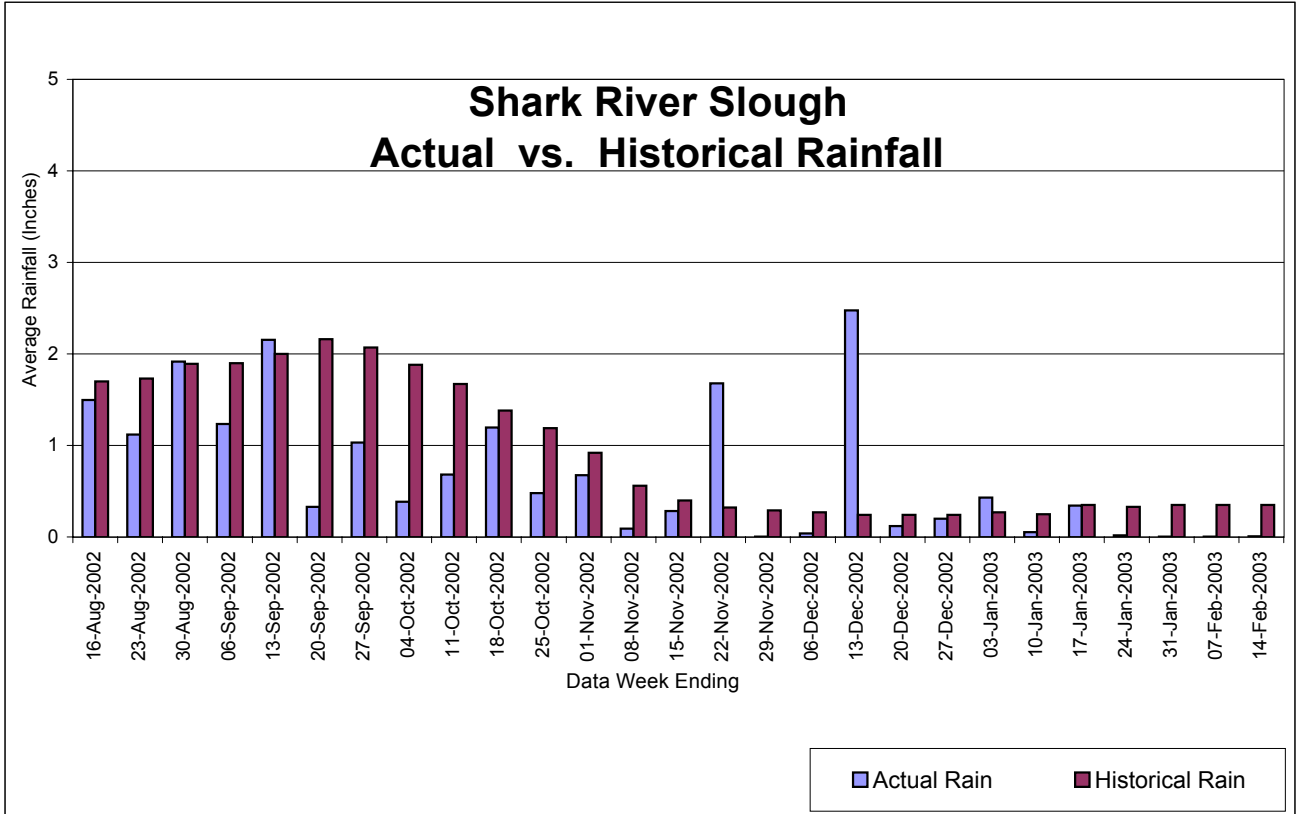
----- Statistical Parameters -----

Rainfall Formula Amount 119 cfs
 Last Week's Rainfall Formula 179 cfs
 Pre-Project Mean Discharge 88 cfs

Rainfall Excess Terms
RL1 -1.02 RL2 -0.95 RL3 2.33

COMMENT: ENP pan evaporation values are 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 25, 2003 to March 3, 2003 **116 cfs**

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

----- Data Summary ----- **February 14, 2003 to February 21, 2003**
WCA-3A Stage (end of week) **9.81** ft. msl
Angel's **5.28** ft. msl
G3273 **5.78** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.28	0.92
S-8	0.31	
S-9	1.27	
S-140	0.48	1.04
S-12D	0.60	
S-336	0.46	
ENP	4.41	M
Gage 63	0.73	
Gage 64	0.73	
Gage 65	3.18	
This Week's Avg	1.25	0.98
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 **0.35 feet**
Distance to Bottom of Regulatory Zone **0.85 feet**

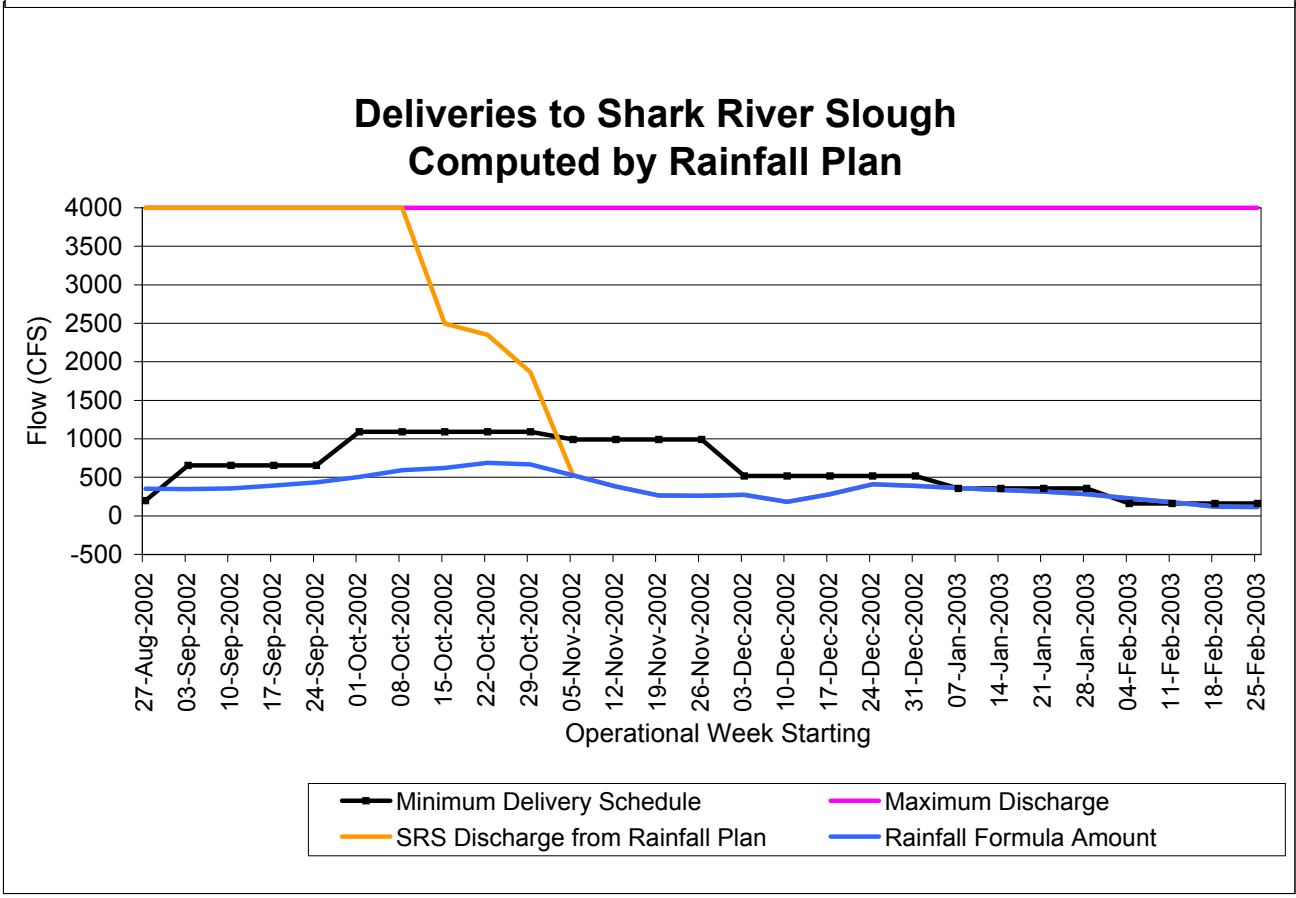
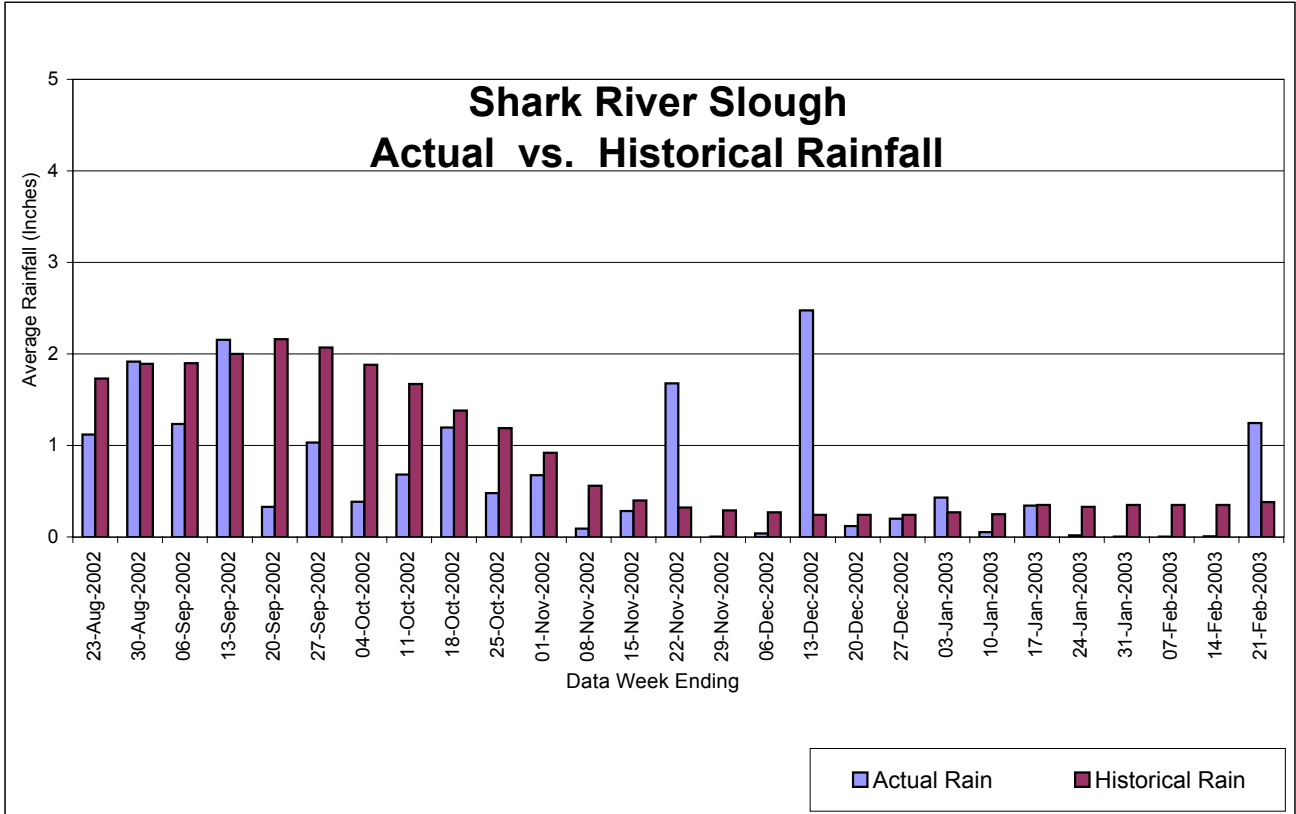
----- Statistical Parameters -----

Rainfall Formula Amount **116 cfs**
Last Week's Rainfall Formula **119 cfs**
Pre-Project Mean Discharge **69 cfs**

Rainfall Excess Terms
RL1 **0.27** RL2 **-1.08** RL3 **-0.26**

COMMENT: ENP pan evaporation values are 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 March 4, 2003 to March 10, 2003 169 cfs

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

----- **Data Summary** ----- **February 21, 2003** to **February 28, 2003**

WCA-3A Stage (end of week)	9.85	ft. msl
Angel's	5.81	ft. msl
G3273	6.15	ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.66	1.48
S-8	0.45	
S-9	0.32	
S-140	0.20	1.49
S-12D	0.64	
S-336	1.05	
ENP	M	M
Gage 63	1.01	
Gage 64	1.33	
Gage 65	0.53	
This Week's Avg	0.80	1.49
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	0.26 feet
Distance to Bottom of Regulatory Zone	0.76 feet

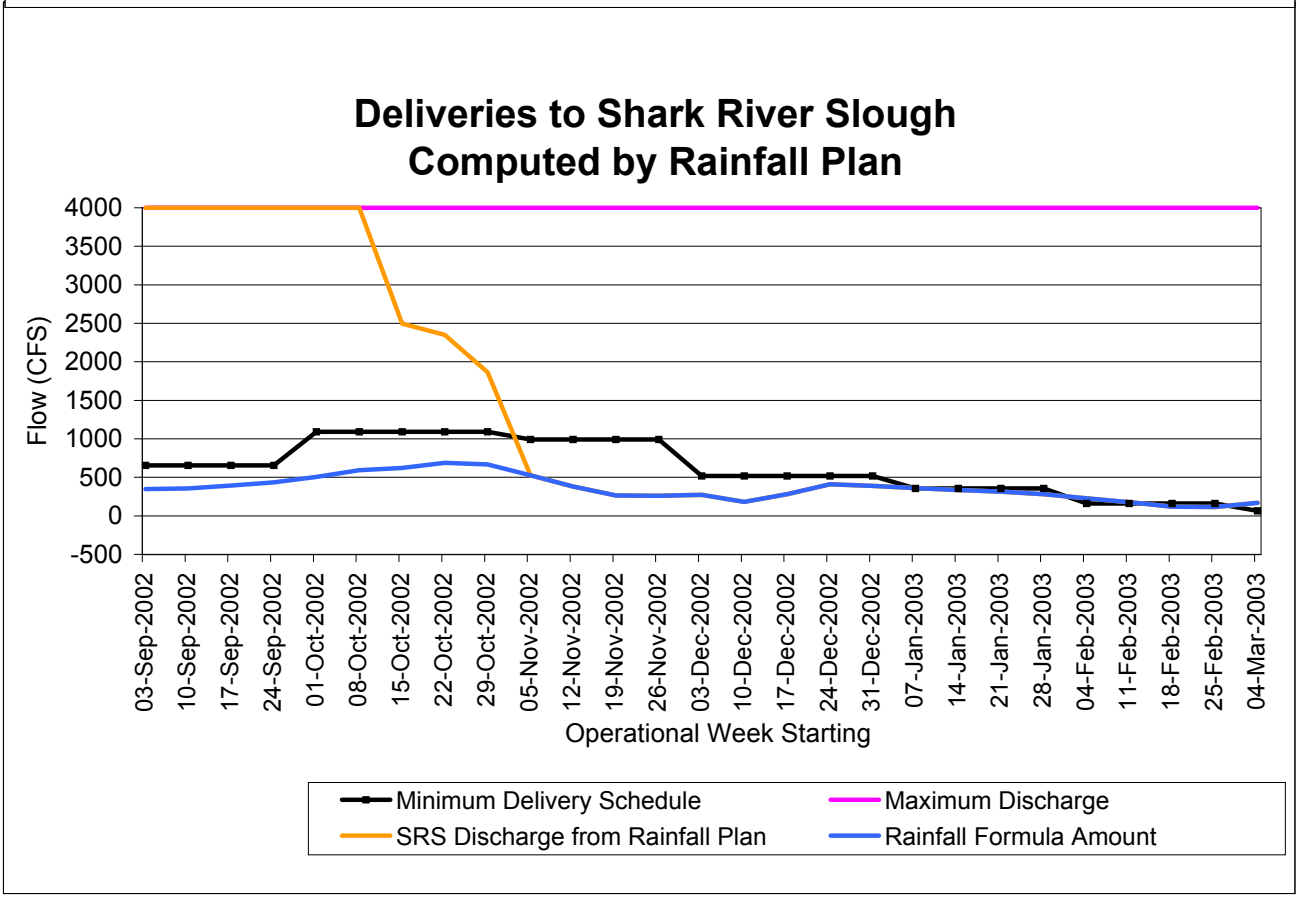
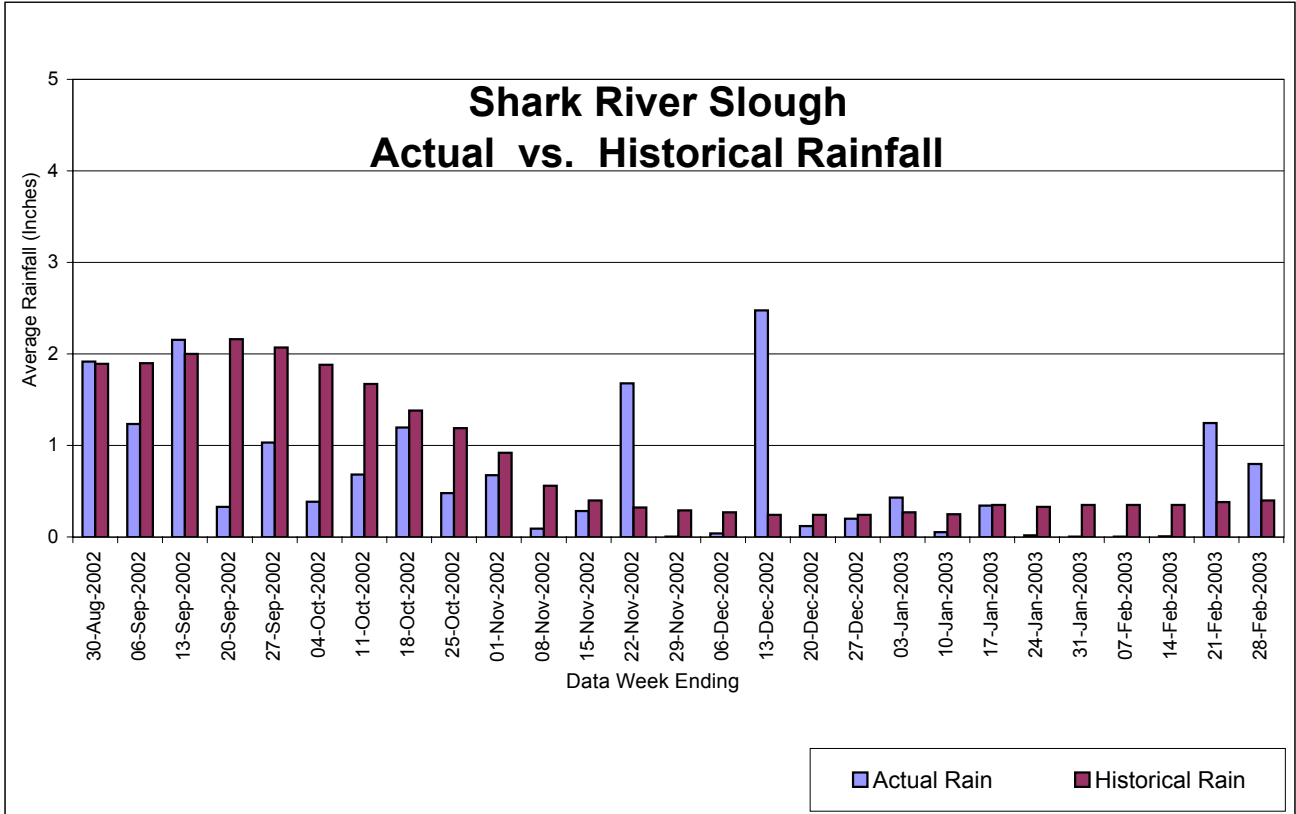
----- **Statistical Parameters** -----

Rainfall Formula Amount	169 cfs
Last Week's Rainfall Formula	116 cfs
Pre-Project Mean Discharge	50 cfs

Rainfall Excess Terms	RL1 1.08	RL2 -1.77	RL3 -0.29
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COMMENT: ENP pan evaporation values are 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 March 11, 2003 to March 17, 2003 129 cfs

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

----- **Data Summary** ----- **February 28, 2003 to March 7, 2003**
 WCA-3A Stage (end of week) 9.73 ft. msl
 Angel's 5.33 ft. msl
 G3273 5.90 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.21	1.35
S-8	0.15	
S-9	0.00	
S-140	0.00	1.63
S-12D	0.01	
S-336	0.00	
ENP	M	M
Gage 63	0.02	
Gage 64	0.04	
Gage 65	0.00	
This Week's Avg	0.16	1.49
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 0.33 feet
 Distance to Bottom of Regulatory Zone 0.83 feet

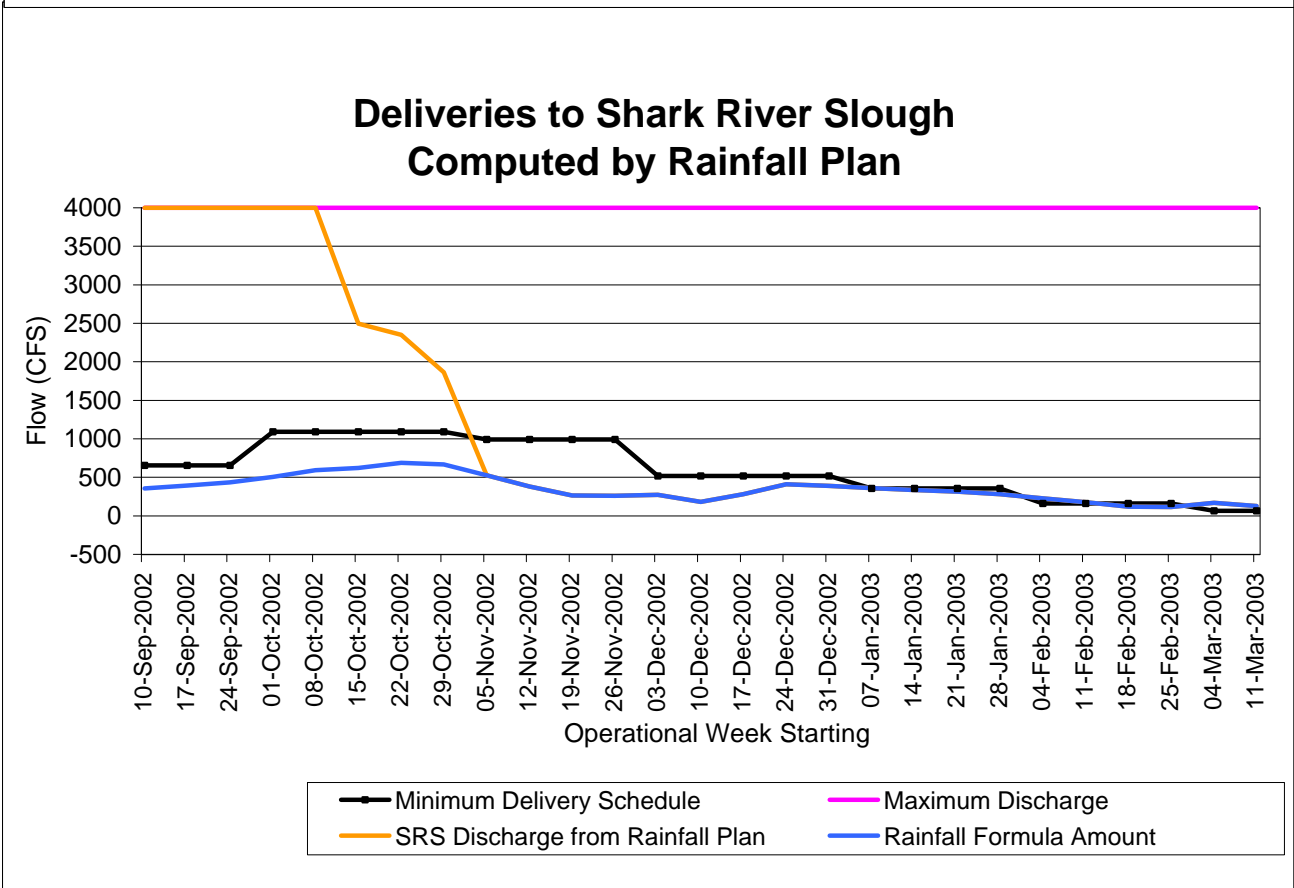
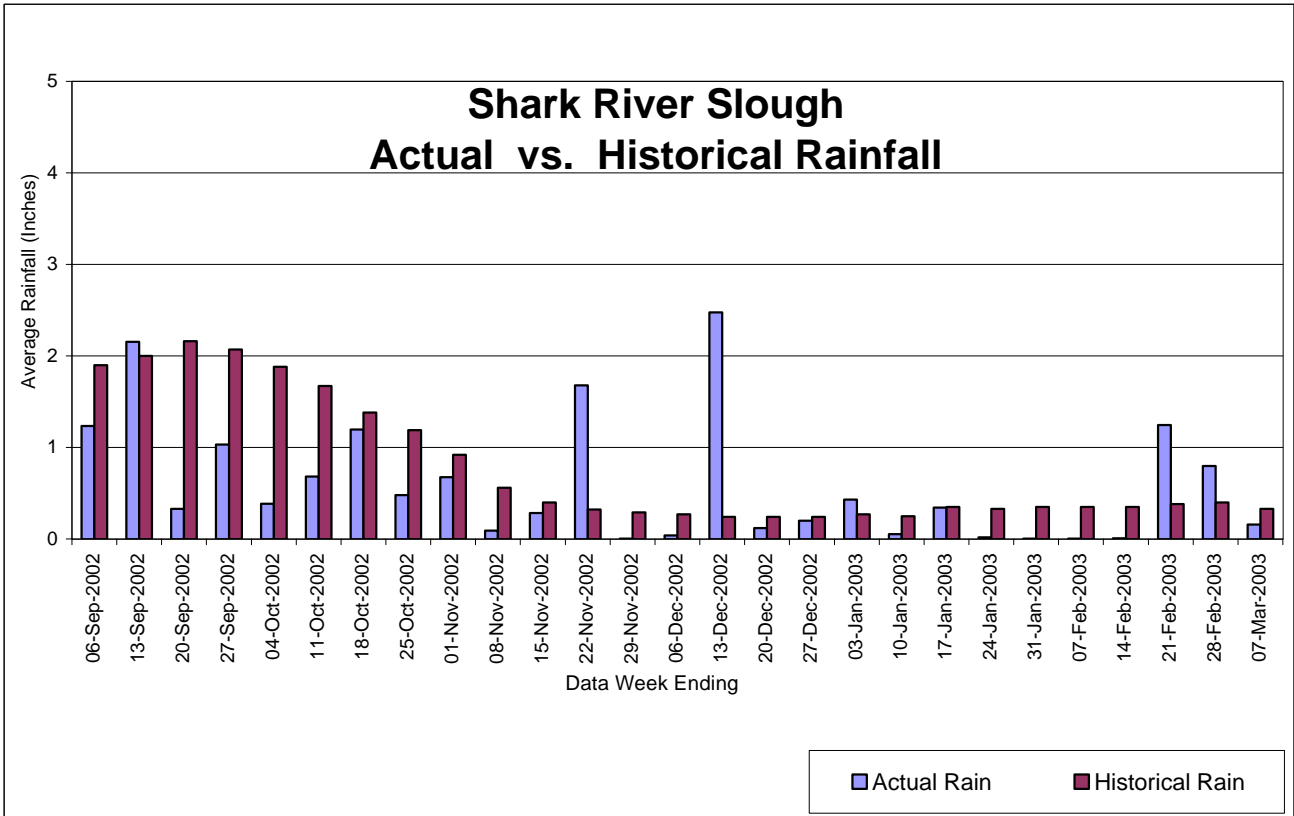
----- **Statistical Parameters** -----

Rainfall Formula Amount 129 cfs
 Last Week's Rainfall Formula 169 cfs
 Pre-Project Mean Discharge 35 cfs

Rainfall Excess Terms
 RL1 -0.26 RL2 -0.44 RL3 -0.49

COMMENT: ENP pan evaporation values are 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 March 18, 2003 to March 24, 2003 74 cfs

S-12 Discharge 33 cfs
 S-333 Discharge 41 cfs

----- Data Summary ----- **March 7, 2003** to **March 14, 2003**
 WCA-3A Stage (end of week) 9.62 ft. msl
 Angel's 5.08 ft. msl
 G3273 5.62 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.21	1.47
S-8	0.62	
S-9	0.71	
S-140	0.59	1.61
S-12D	0.19	
S-336	0.01	
ENP	0.03	M
Gage 63	0.14	
Gage 64	0.62	
Gage 65	0.02	
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This Week's Avg	0.31	1.54
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 0.40 feet
 Distance to Bottom of Regulatory Zone 0.90 feet

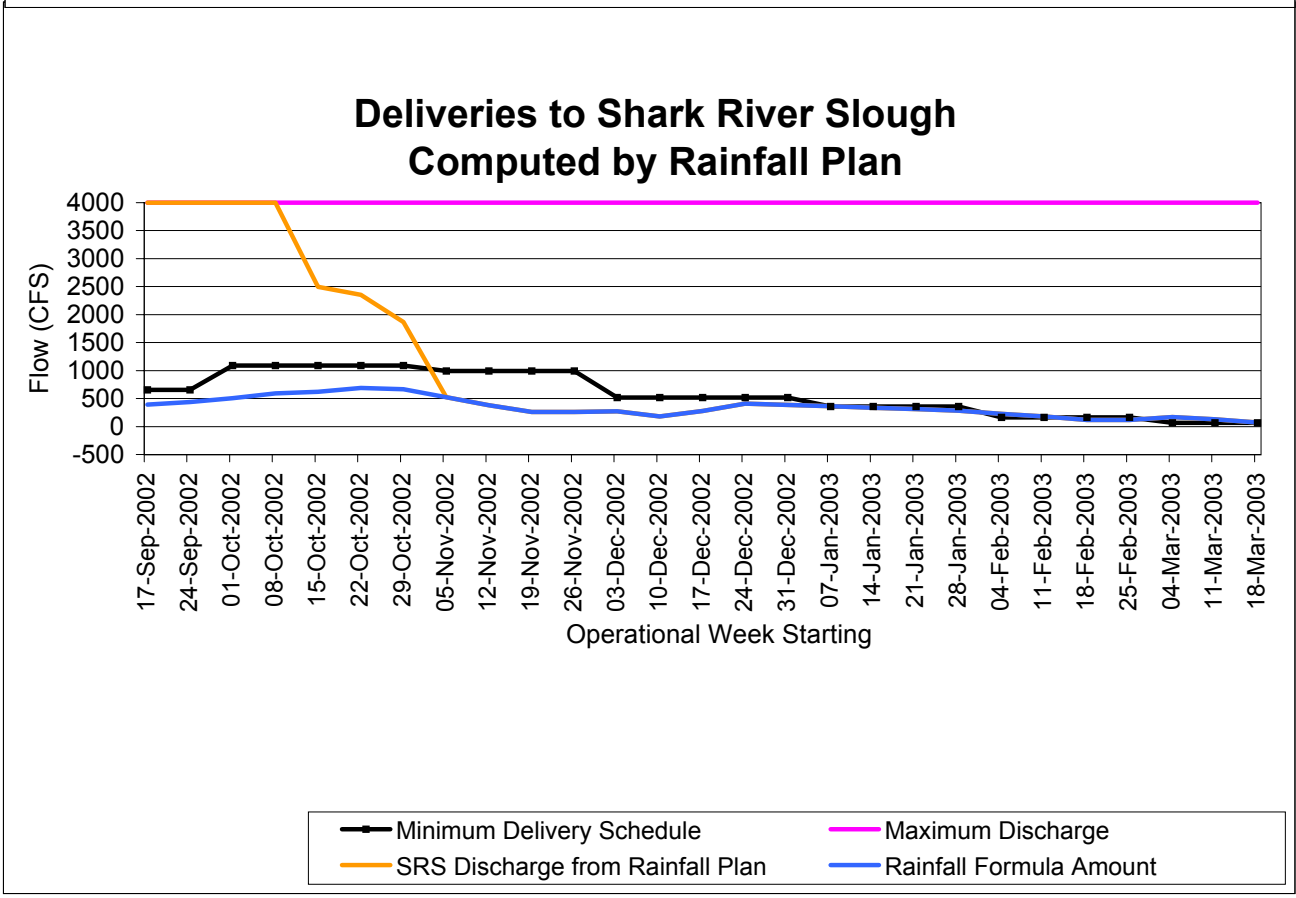
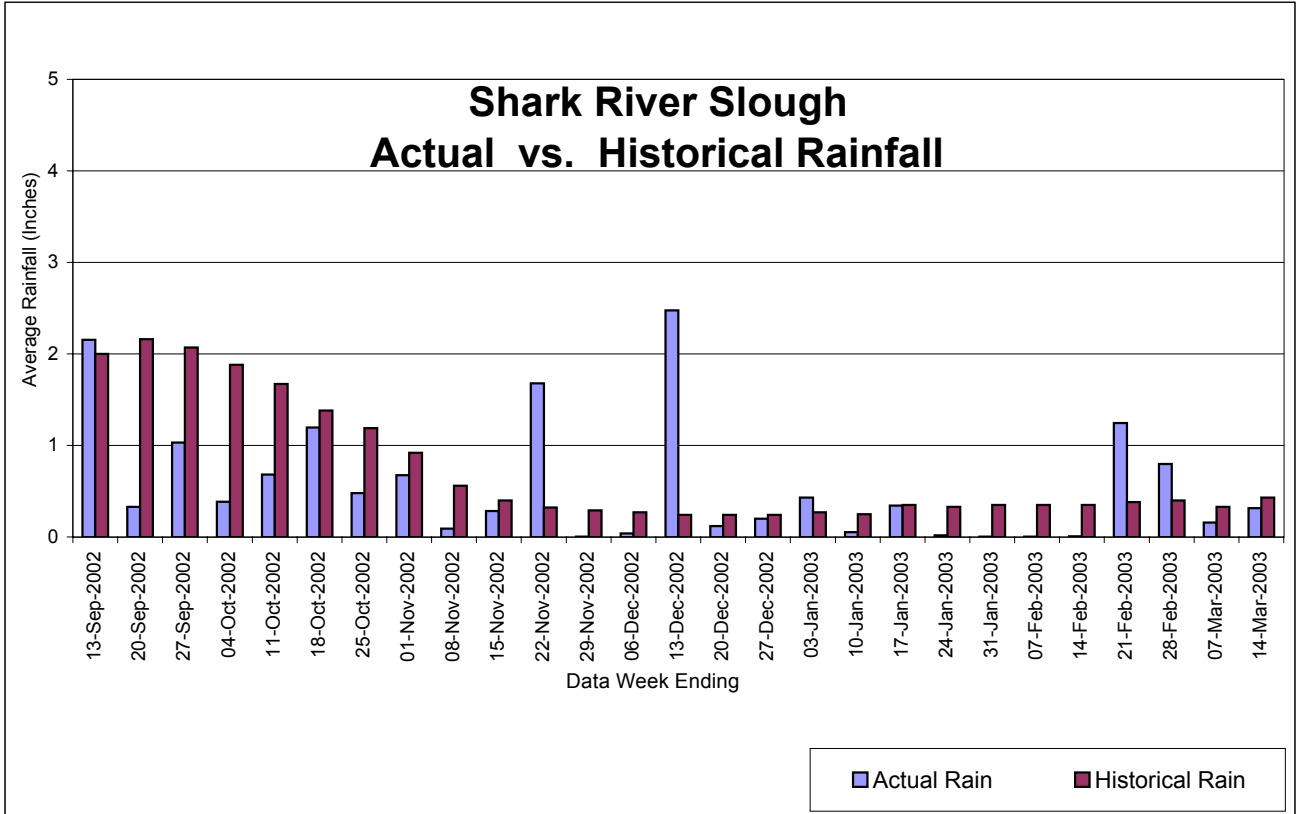
----- Statistical Parameters -----

Rainfall Formula Amount 74 cfs
 Last Week's Rainfall Formula 129 cfs
 Pre-Project Mean Discharge 25 cfs

Rainfall Excess Terms
 RL1 -0.70 RL2 0.05 RL3 -0.95

COMMENT: ENP pan evaporation values are 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 March 25, 2003 to March 31, 2003 192 cfs

S-12 Discharge 86 cfs
 S-333 Discharge 106 cfs

----- Data Summary ----- March 14, 2003 to March 21, 2003
 WCA-3A Stage (end of week) 9.73 ft. msl
 Angel's 5.05 ft. msl
 G3273 5.60 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.85	1.05
S-8	M	
S-9	1.83	
S-140	2.04	1.31
S-12D	1.19	
S-336	0.94	
ENP	1.47	M
Gage 63	1.75	
Gage 64	8.01	
Gage 65	0.85	
----- This Week's Avg	2.33	----- 1.18
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

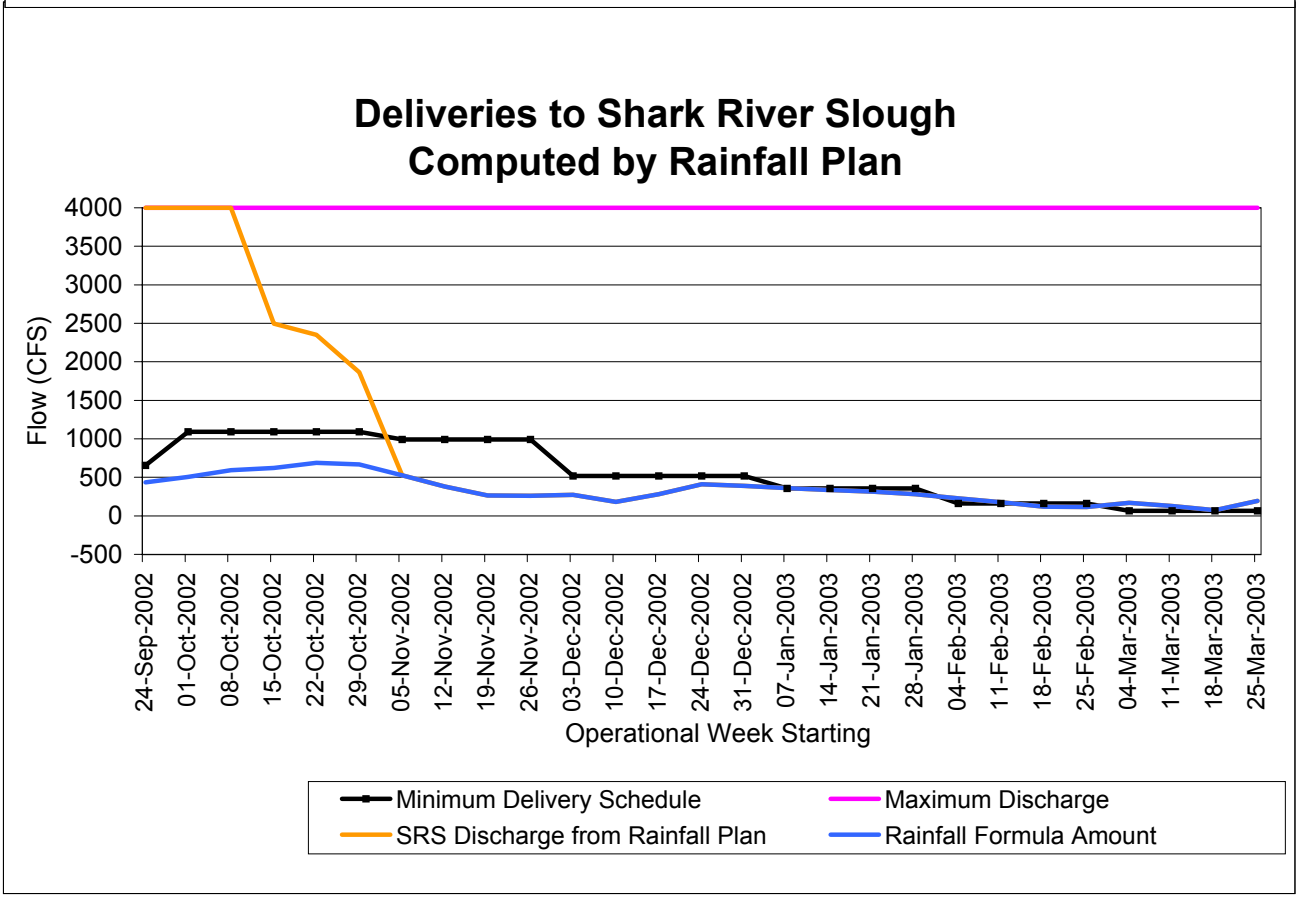
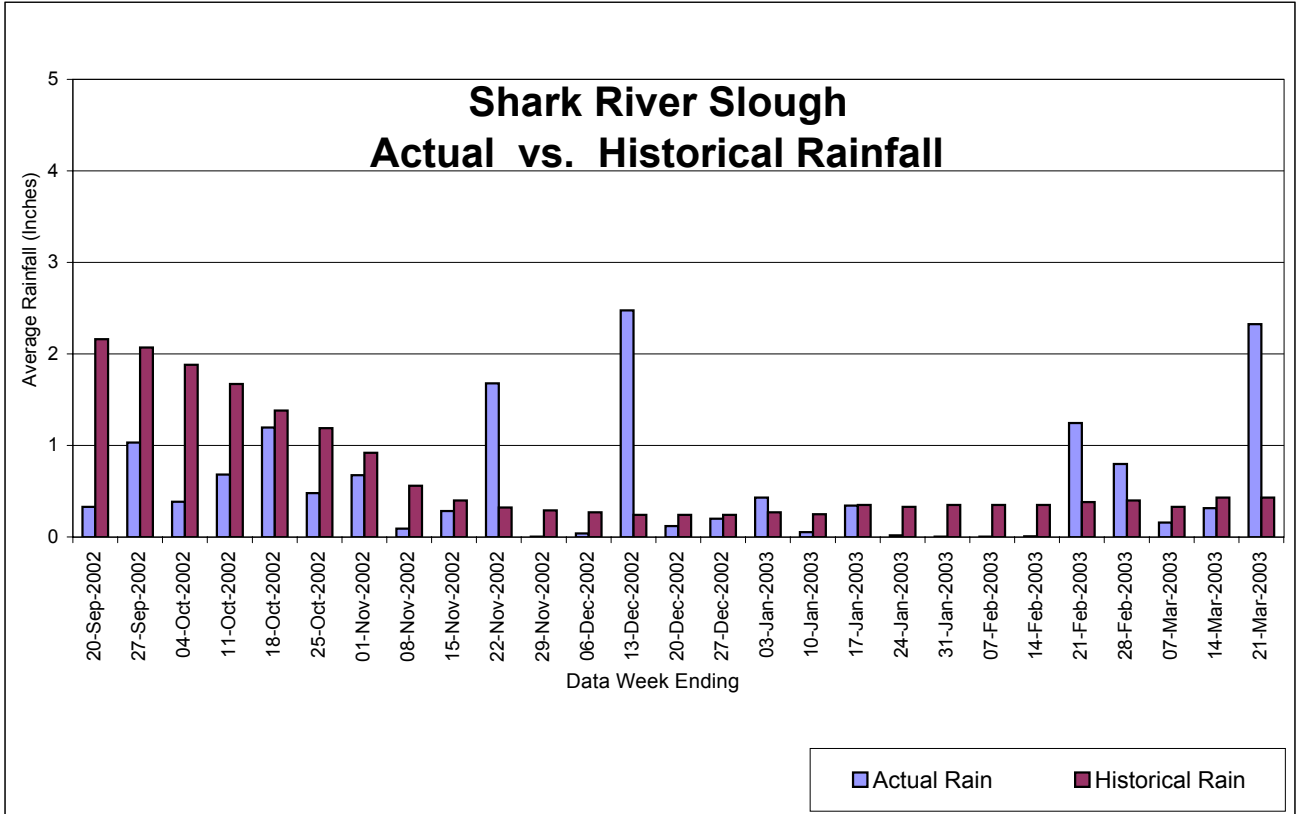
----- Statistical Parameters -----

Rainfall Formula Amount 192 cfs
 Last Week's Rainfall Formula 74 cfs
 Pre-Project Mean Discharge 26 cfs

Rainfall Excess Terms
RL1 1.72 RL2 0.01 RL3 -1.08

COMMENT: ENP pan evaporation values are 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 1, 2003 to April 7, 2003 387 cfs

S-12 Discharge 174 cfs
 S-333 Discharge 213 cfs

----- **Data Summary** ----- **March 21, 2003 to March 28, 2003**
 WCA-3A Stage (end of week) 9.72 ft. msl
 Angel's 6.02 ft. msl
 G3273 6.22 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.60	1.16
S-8	0.81	
S-9	1.70	
S-140	0.74	M
S-12D	1.36	
S-336	1.08	
ENP	0.85	M
Gage 63	0.56	
Gage 64	2.19	
Gage 65	0.73	
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This Week's Avg	1.16	1.16
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 0.20 feet
 Distance to Bottom of Regulatory Zone 0.70 feet

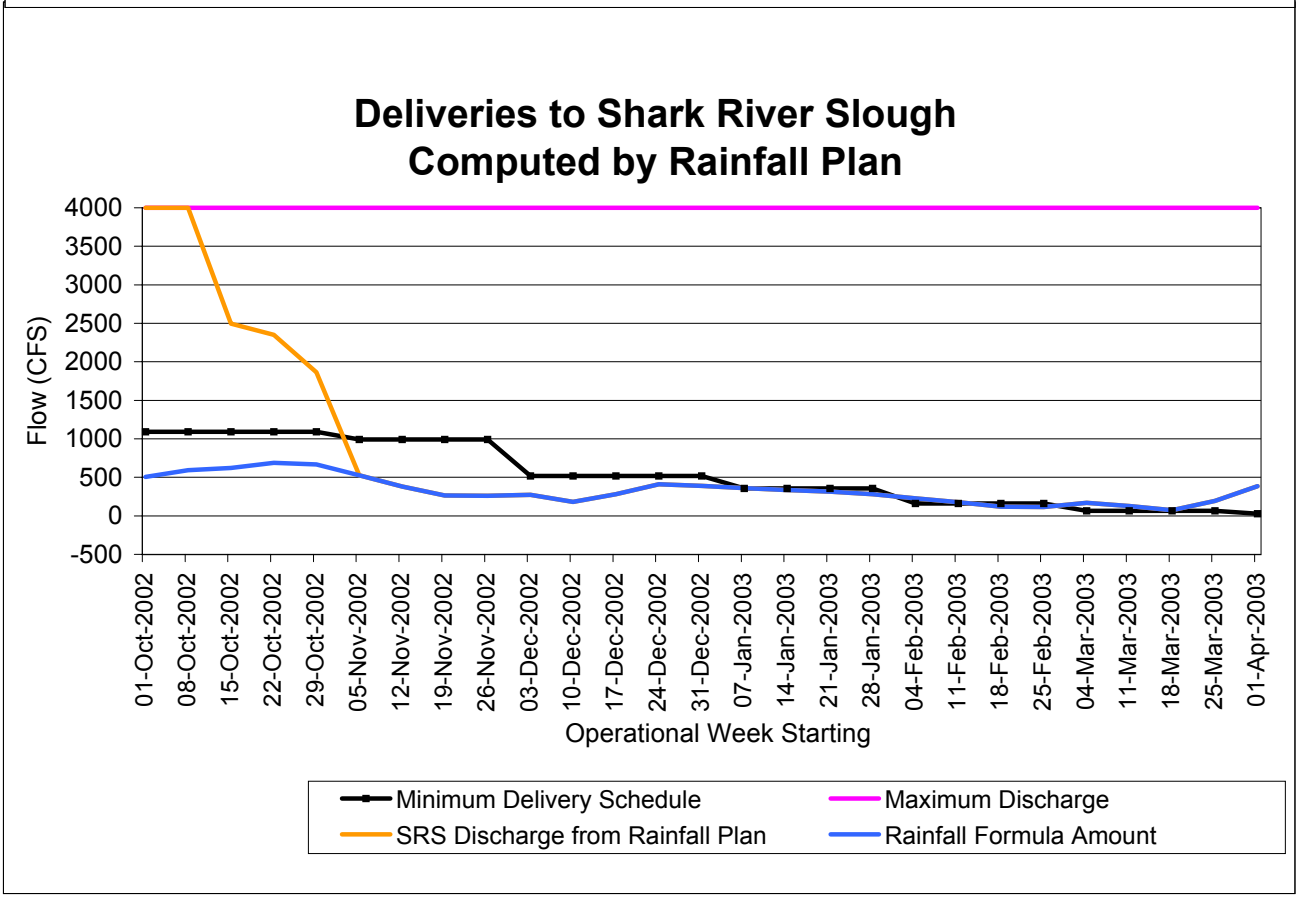
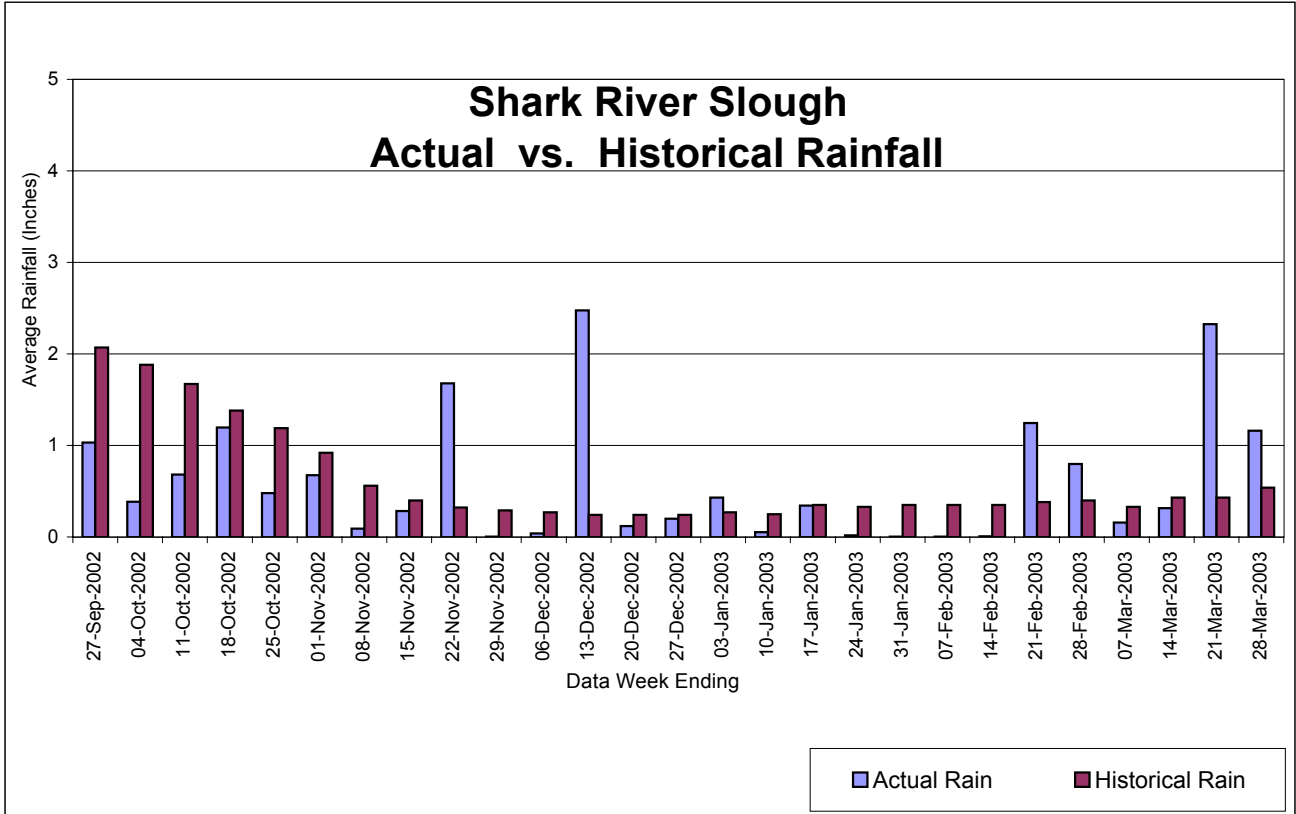
----- Statistical Parameters -----

Rainfall Formula Amount 387 cfs
 Last Week's Rainfall Formula 192 cfs
 Pre-Project Mean Discharge 31 cfs

Rainfall Excess Terms
 RL1 2.86 RL2 0.37 RL3 -1.77

COMMENT: S-140 and ENP pan evaporation values 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 April 8, 2003 to April 14, 2003 402 cfs

S-12 Discharge 181 cfs
 S-333 Discharge 221 cfs

----- Data Summary ----- March 28, 2003 to April 4, 2003
 WCA-3A Stage (end of week) 9.60 ft. msl
 Angel's 5.47 ft. msl
 G3273 6.00 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.29
S-8	0.00	
S-9	0.09	
S-140	0.00	1.28
S-12D	0.05	
S-336	0.07	
ENP	0.01	1.06
Gage 63	0.00	
Gage 64	0.02	
Gage 65	0.00	
This Week's Avg	0.02	1.21
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 0.28 feet
 Distance to Bottom of Regulatory Zone 0.78 feet

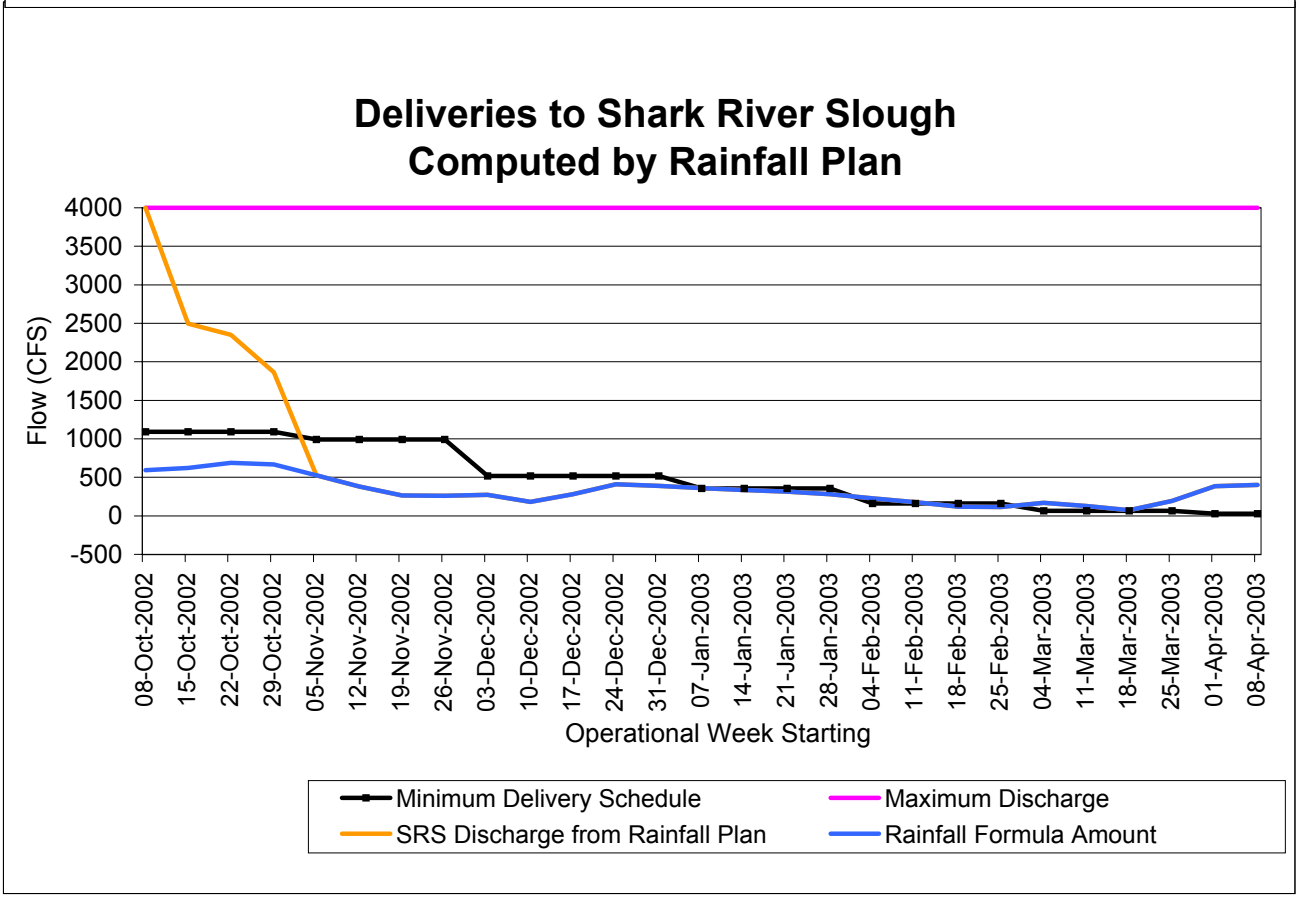
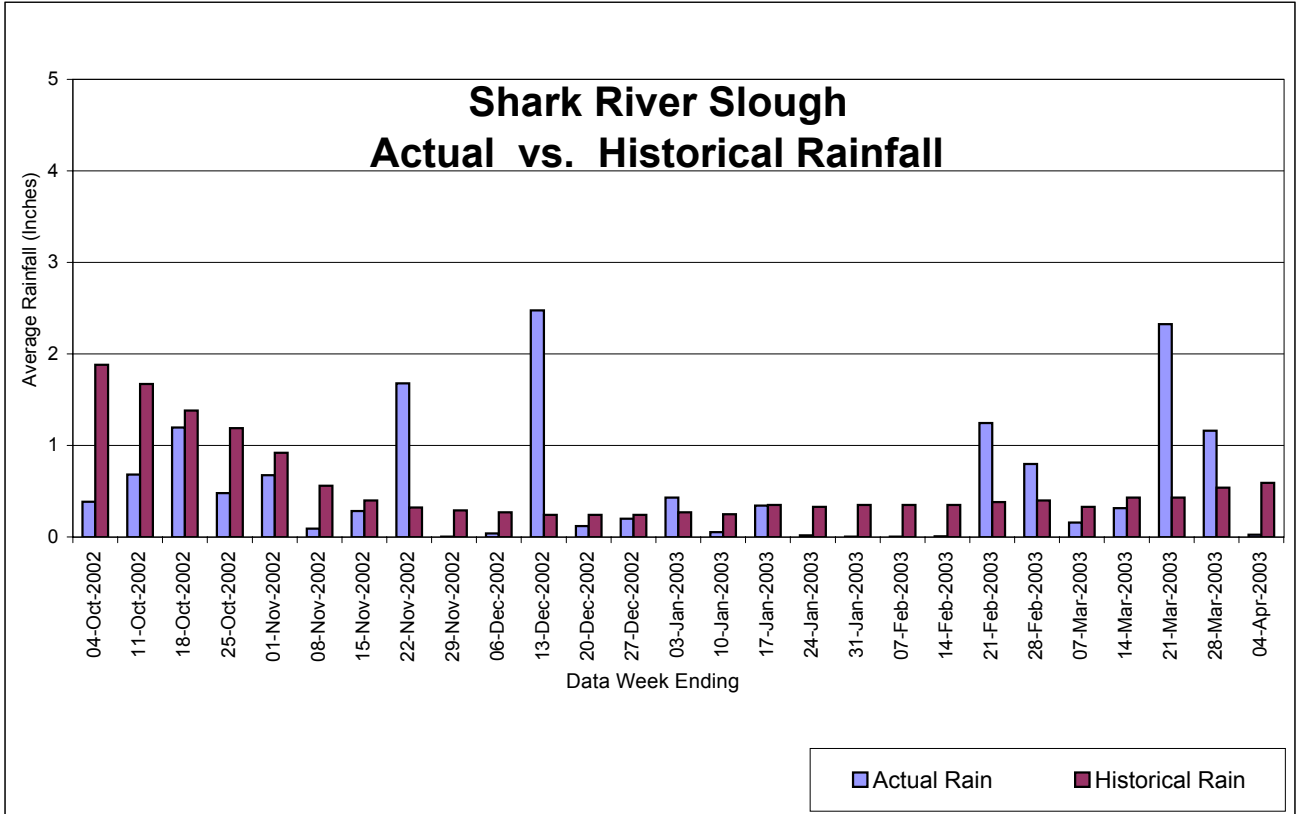
----- Statistical Parameters -----

Rainfall Formula Amount 402 cfs
 Last Week's Rainfall Formula 387 cfs
 Pre-Project Mean Discharge 32 cfs

Rainfall Excess Terms
RL1 0.46 RL2 1.47 RL3 -0.44

COMMENT:

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



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow April 15, 2003 to April 21, 2003 339 cfs

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

----- Data Summary ----- April 4, 2003 to April 11, 2003
 WCA-3A Stage (end of week) 9.45 ft. msl
 Angel's 5.30 ft. msl
 G3273 5.68 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.02	1.48
S-8	0.34	
S-9	0.12	
S-140	0.60	1.77
S-12D	0.02	
S-336	0.02	
ENP	M	M
Gage 63	0.00	
Gage 64	0.08	
Gage 65	0.05	
This Week's Avg	0.14	1.63
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 0.38 feet
 Distance to Bottom of Regulatory Zone 0.88 feet

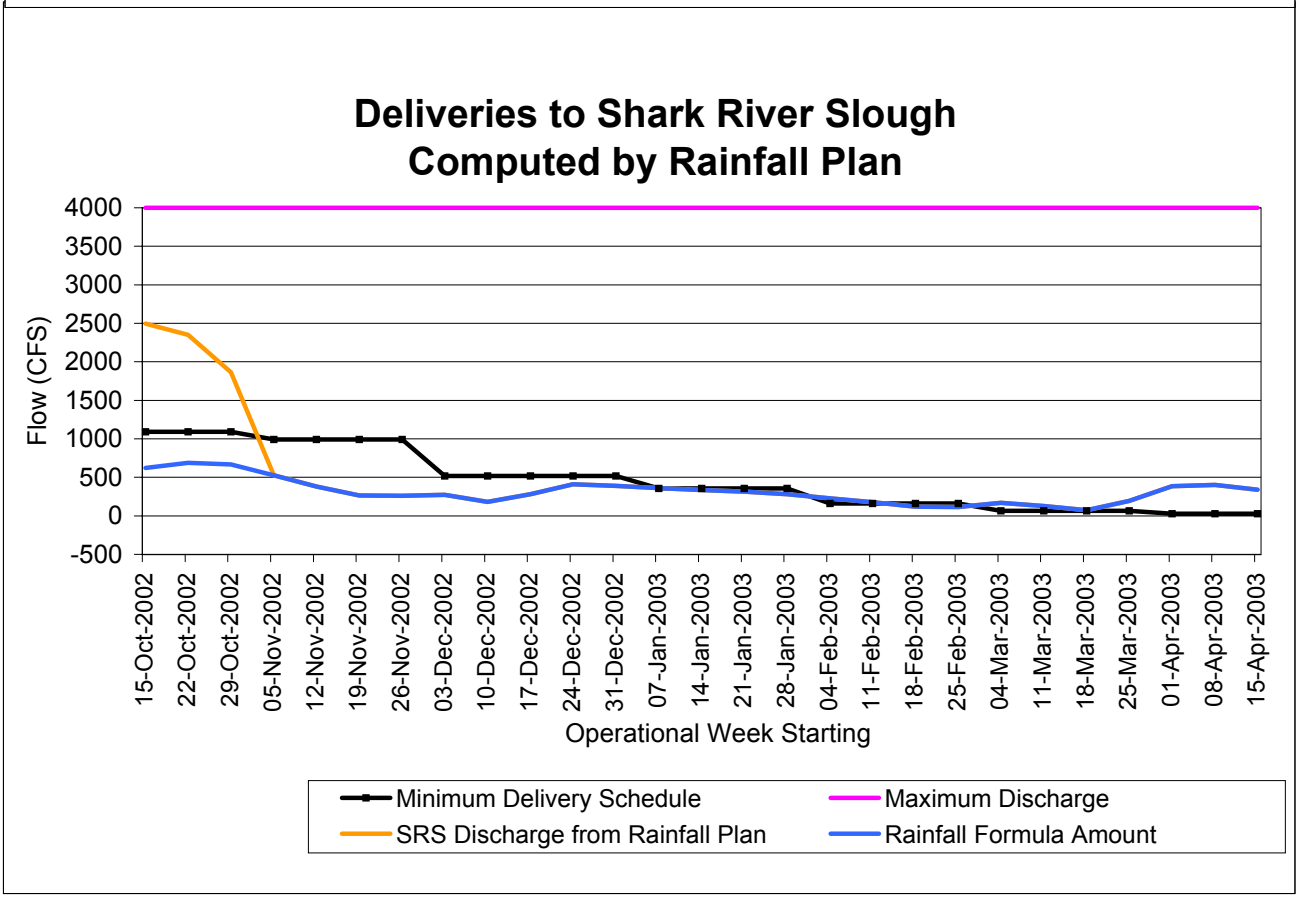
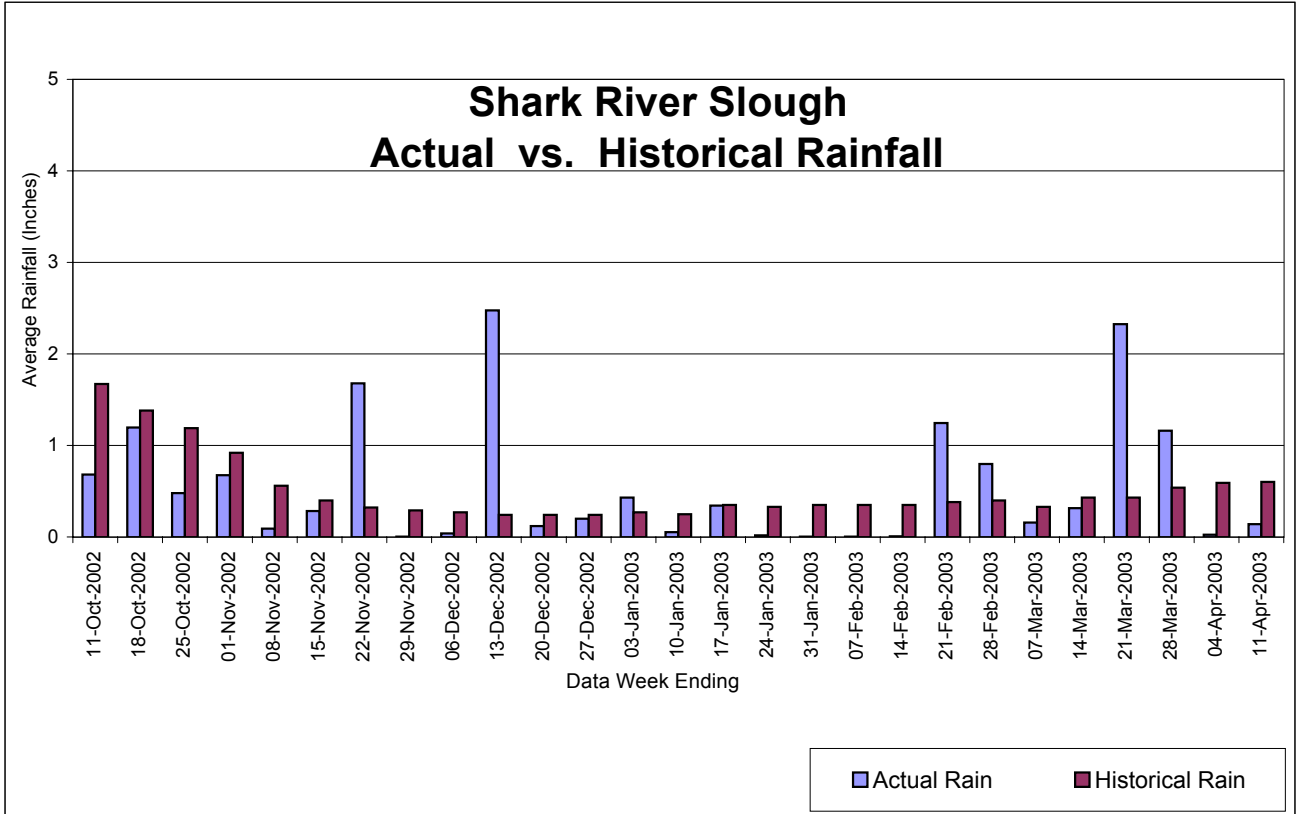
----- Statistical Parameters -----

Rainfall Formula Amount 339 cfs
 Last Week's Rainfall Formula 402 cfs
 Pre-Project Mean Discharge 31 cfs

Rainfall Excess Terms
RL1 -0.91 RL2 2.16 RL3 0.05

COMMENT: ENP pan evaporation values are 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 22, 2003 to April 28, 2003 298 cfs

S-12 Discharge 134 cfs
 S-333 Discharge 164 cfs

----- Data Summary ----- April 11, 2003 to April 18, 2003
 WCA-3A Stage (end of week) 9.34 ft. msl
 Angel's 5.32 ft. msl
 G3273 5.72 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.07	1.49
S-8	0.10	
S-9	2.00	
S-140	0.01	M
S-12D	0.14	
S-336	0.30	
ENP	M	M
Gage 63	1.42	
Gage 64	0.91	
Gage 65	0.29	
This Week's Avg	0.58	1.49
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 0.44 feet
 Distance to Bottom of Regulatory Zone 0.94 feet

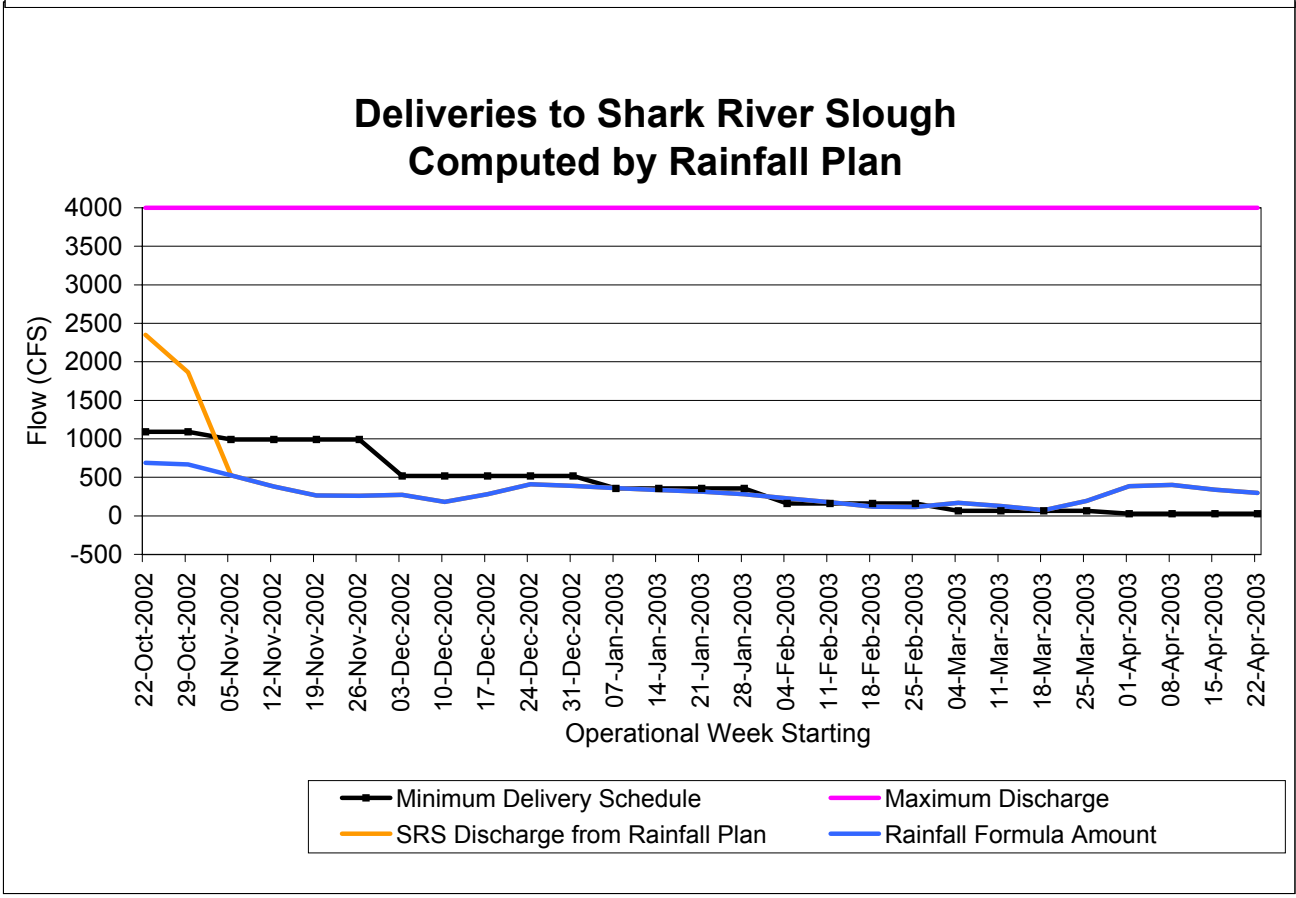
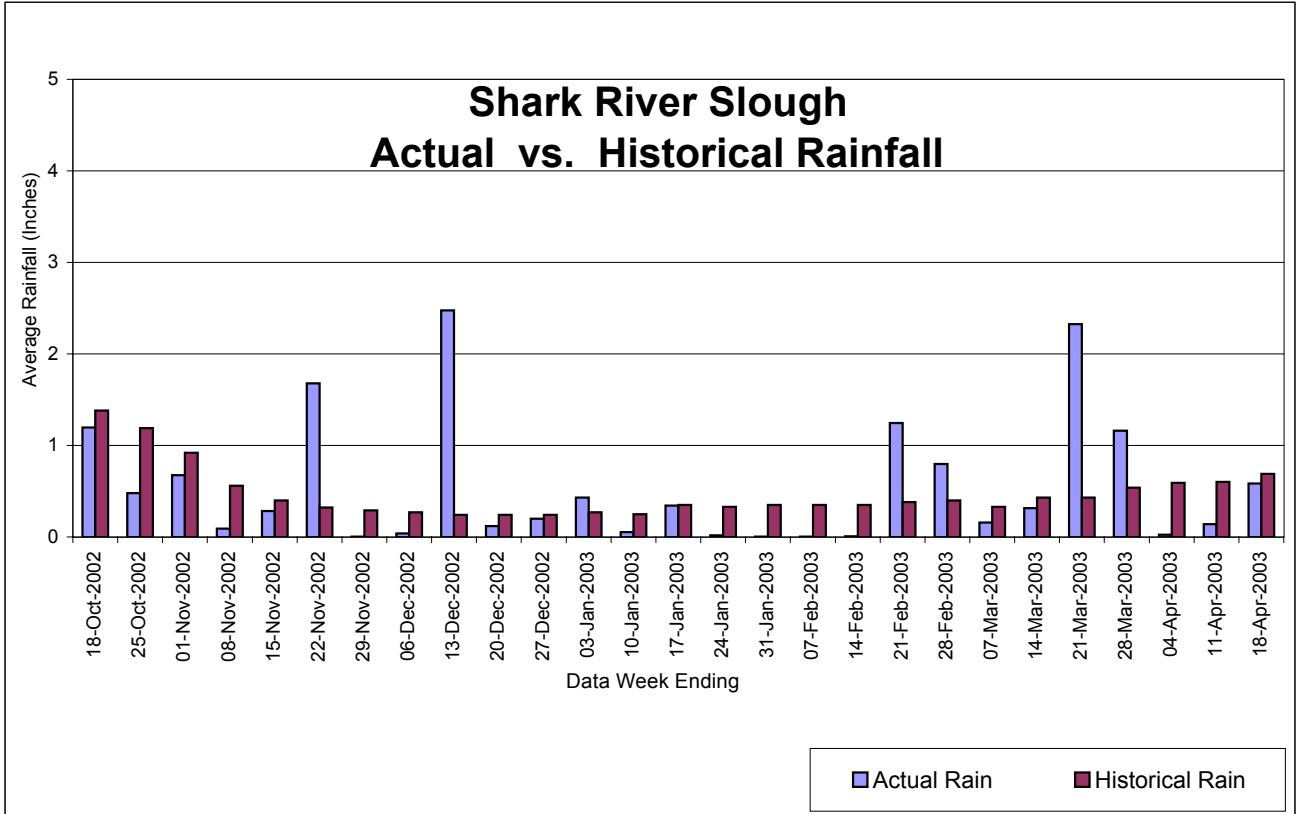
----- Statistical Parameters -----

Rainfall Formula Amount 298 cfs
 Last Week's Rainfall Formula 339 cfs
 Pre-Project Mean Discharge 29 cfs

Rainfall Excess Terms
RL1 -0.62 RL2 2.19 RL3 0.01

COMMENT: S-140 and ENP pan evaporation values 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 April 29, 2003 to May 5, 2003 246 cfs

S-12 Discharge 110 cfs
S-333 Discharge 135 cfs

----- Data Summary -----
WCA-3A Stage (end of week) April 18, 2003 to April 25, 2003
Angel's 9.28 ft. msl
G3273 4.97 ft. msl
5.46 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.01	1.59
S-8	0.11	
S-9	0.02	
S-140	0.00	1.62
S-12D	0.02	
S-336	0.00	
ENP	M	M
Gage 63	0.01	
Gage 64	0.17	
Gage 65	0.08	
<hr/>		<hr/>
This Week's Avg	0.05	1.61
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 0.46 feet
Distance to Bottom of Regulatory Zone 0.96 feet

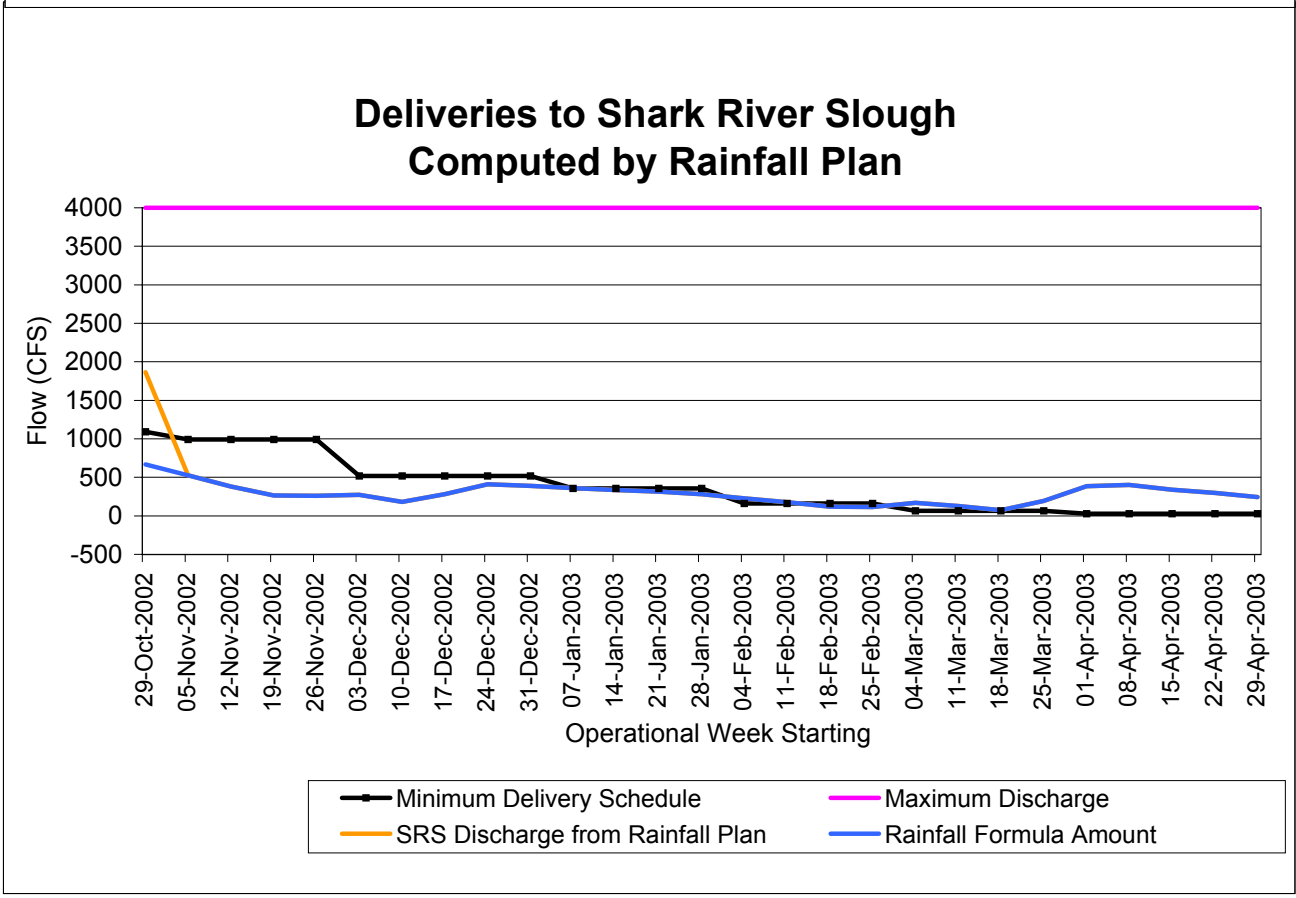
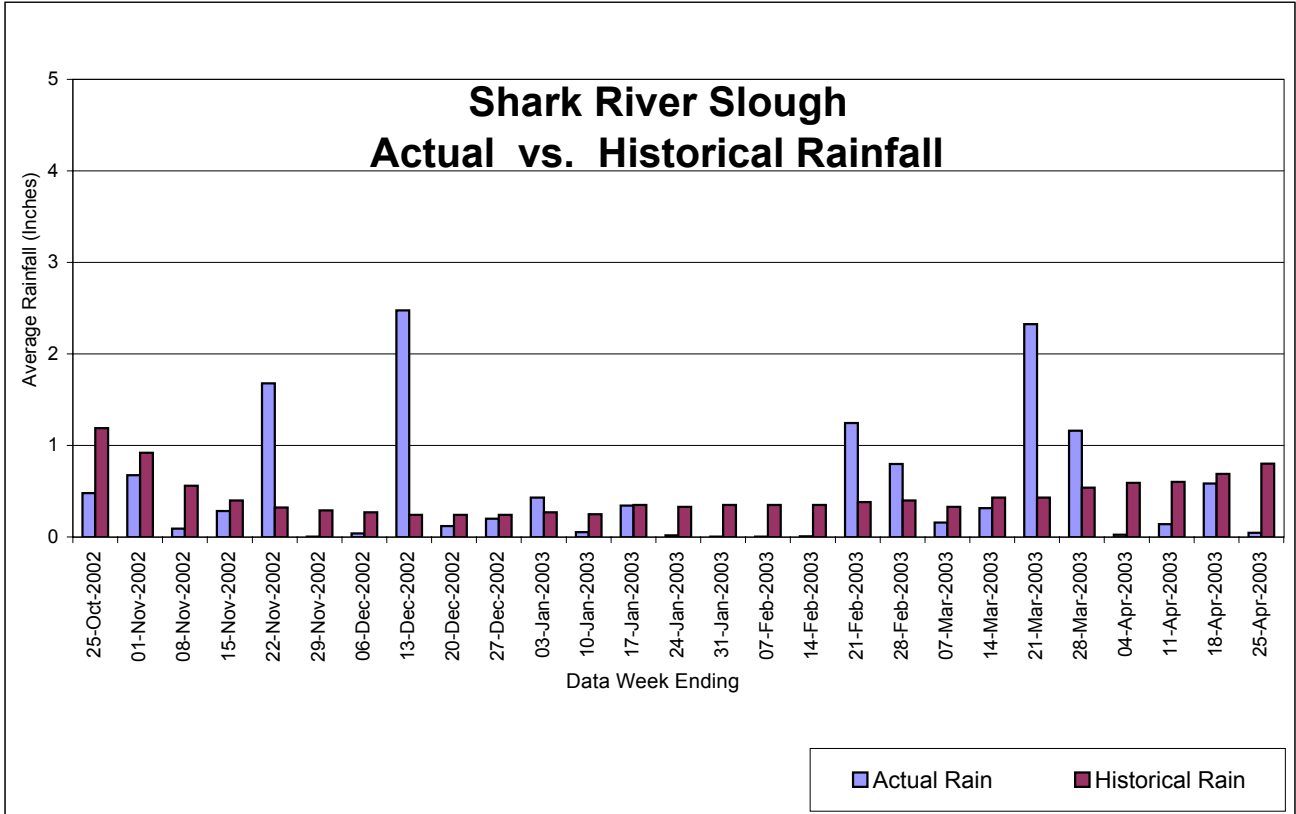
----- Statistical Parameters -----

Rainfall Formula Amount 246 cfs
Last Week's Rainfall Formula 298 cfs
Pre-Project Mean Discharge 24 cfs

Rainfall Excess Terms
RL1 -0.84 RL2 1.95 RL3 0.37

COMMENT: ENP pan evaporation values are 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	May 6, 2003 to May 12, 2003	359 cfs
S-12 Discharge		162 cfs
S-333 Discharge		198 cfs

----- Data Summary -----	April 25, 2003 to May 2, 2003
WCA-3A Stage (end of week)	9.46 ft. msl
Angel's	6.44 ft. msl
G3273	6.54 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.83	1.13
S-8	1.81	
S-9	M	
S-140	3.66	1.56
S-12D	3.97	
S-336	2.13	
ENP	M	M
Gage 63	2.60	
Gage 64	5.06	
Gage 65	5.43	
<hr/>		
This Week's Avg	3.31	1.35
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	0.23 feet
Distance to Bottom of Regulatory Zone	0.73 feet

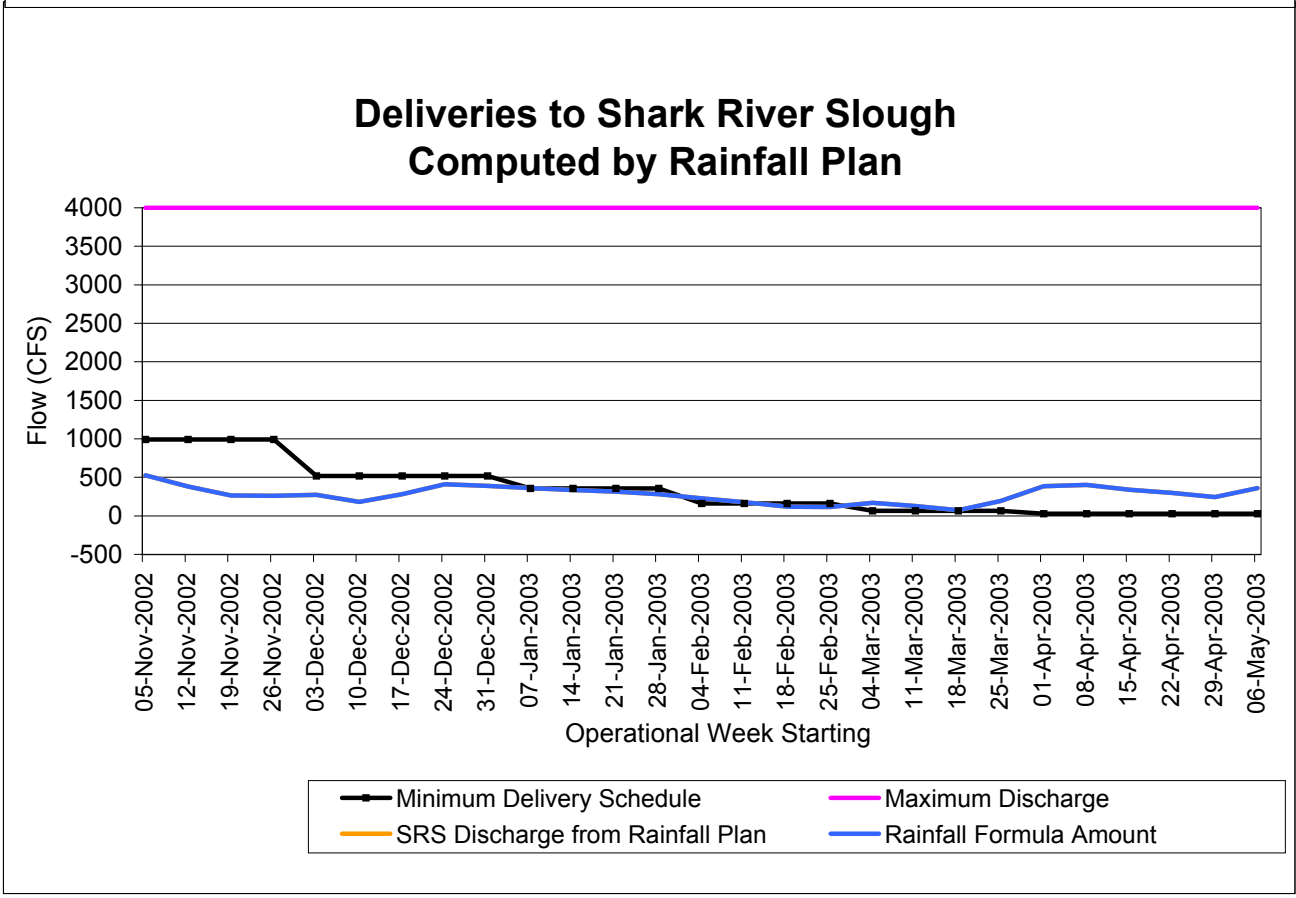
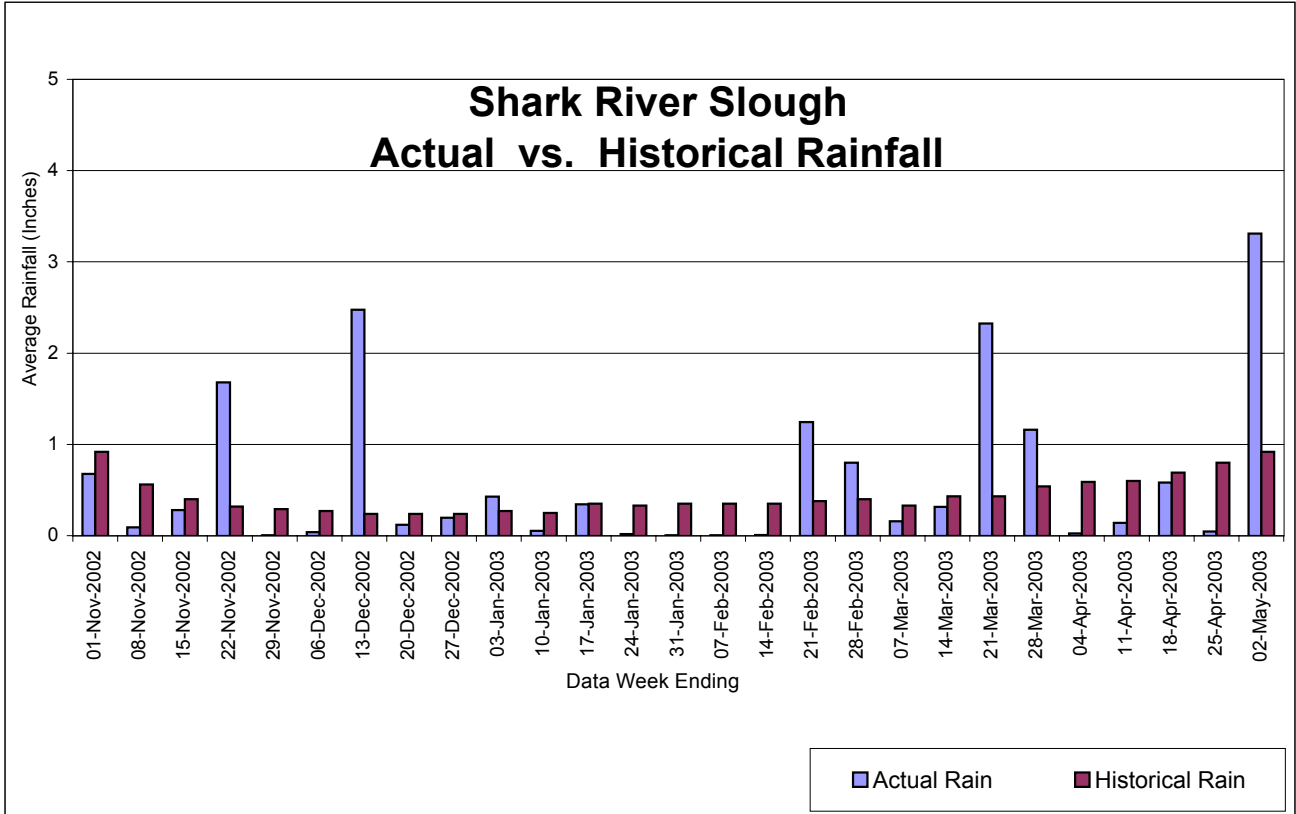
----- Statistical Parameters -----

Rainfall Formula Amount	359 cfs
Last Week's Rainfall Formula	246 cfs
Pre-Project Mean Discharge	16 cfs

Rainfall Excess Terms		
RL1	1.82	RL2 -0.16
		RL3 1.47

COMMENT: ENP pan evaporation values are 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	May 13, 2003 to May 19, 2003	460 cfs
S-12 Discharge		207 cfs
S-333 Discharge		253 cfs

----- Data Summary -----	May 2, 2003 to May 9, 2003
WCA-3A Stage (end of week)	9.39 ft. msl
Angel's	5.76 ft. msl
G3273	6.43 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.02	1.54
S-8	0.00	
S-9	M	
S-140	0.00	1.70
S-12D	0.17	
S-336	0.01	
ENP	M	M
Gage 63	0.02	
Gage 64	0.94	
Gage 65	0.01	
This Week's Avg	0.15	1.62
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	0.26 feet
Distance to Bottom of Regulatory Zone	0.76 feet

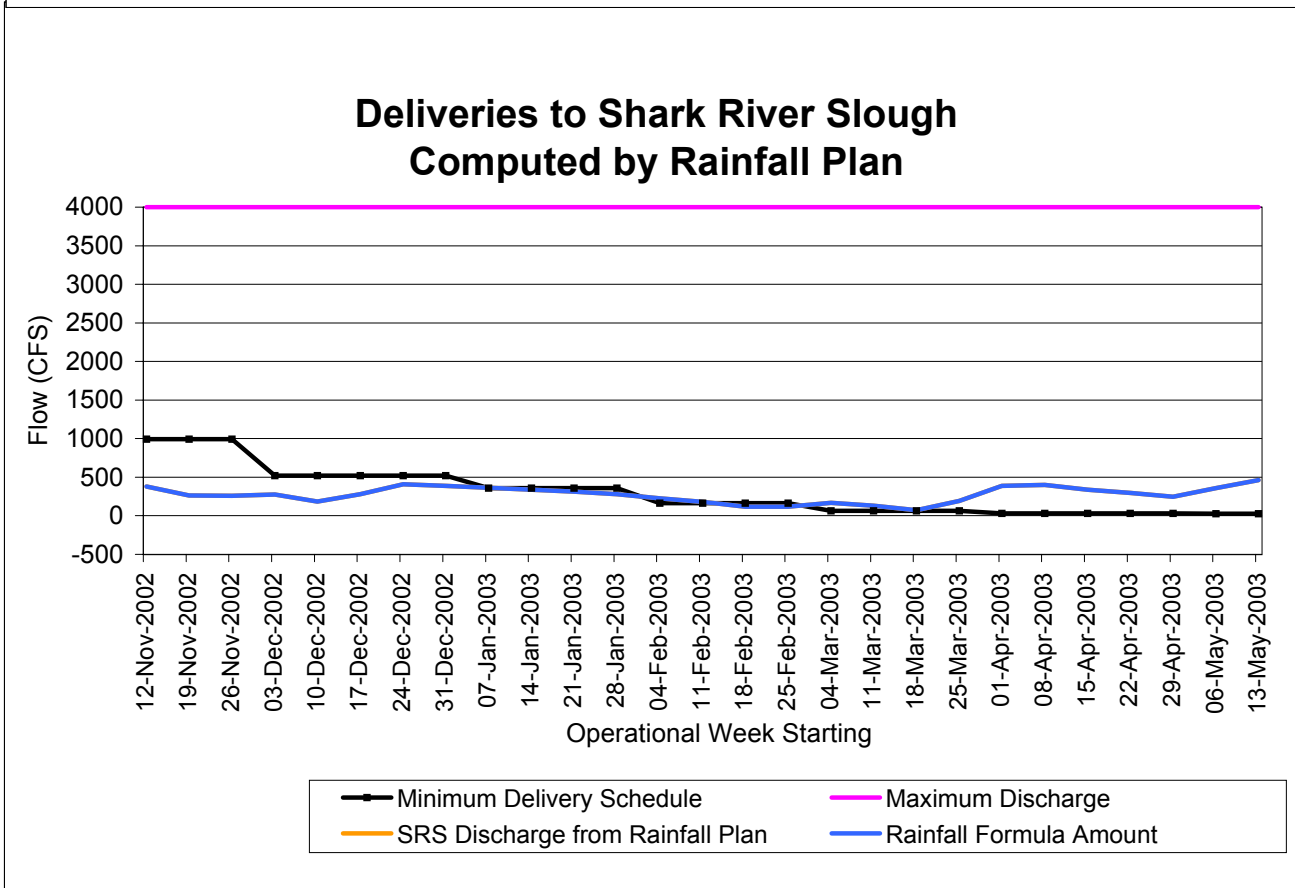
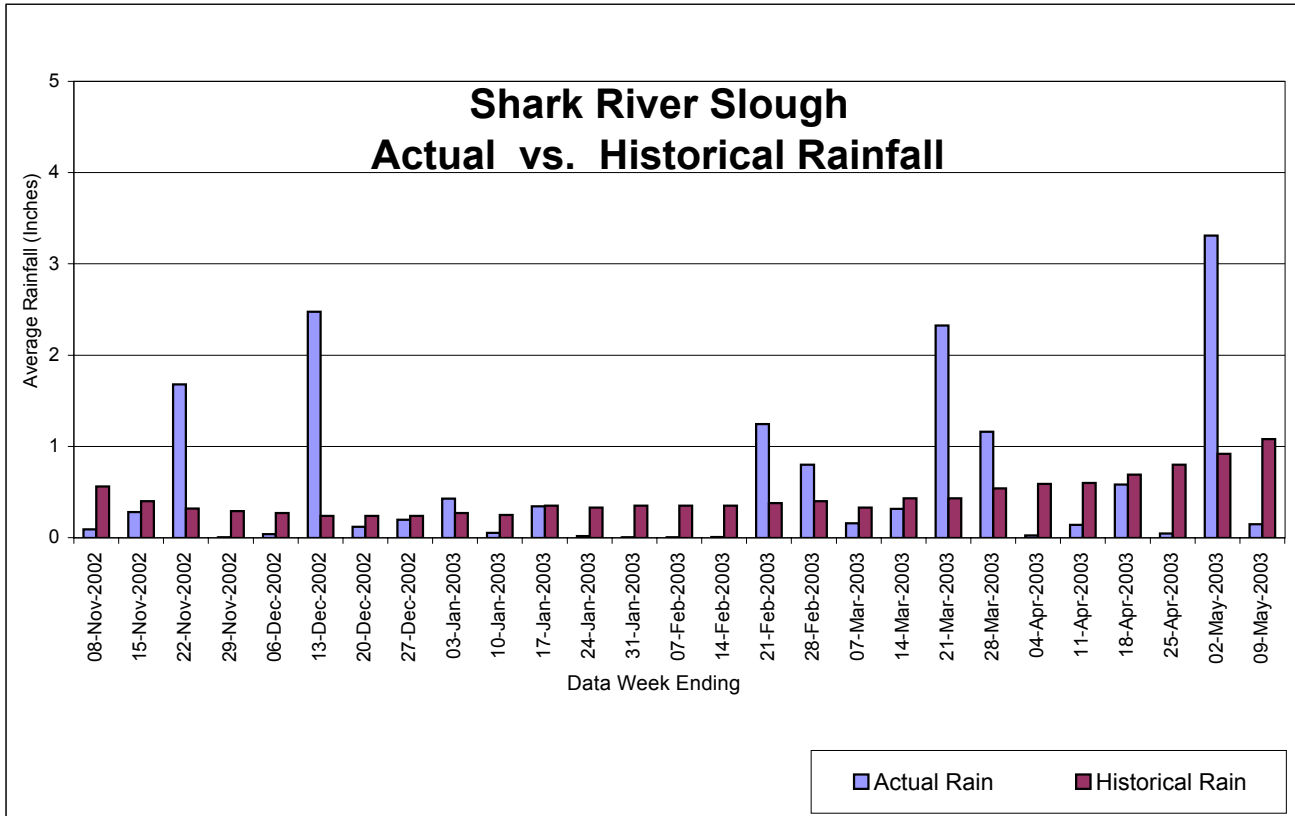
----- Statistical Parameters -----

Rainfall Formula Amount	460 cfs
Last Week's Rainfall Formula	359 cfs
Pre-Project Mean Discharge	13 cfs

Rainfall Excess Terms	RL1 1.65	RL2 -1.75	RL3 2.16
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COMMENT: ENP pan evaporation values are 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	May 20, 2003 to May 26, 2003	400 cfs
S-12 Discharge		180 cfs
S-333 Discharge		220 cfs

----- Data Summary -----	May 9, 2003 to May 16, 2003
WCA-3A Stage (end of week)	9.42 ft. msl
Angel's	5.64 ft. msl
G3273	6.23 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.01	1.84
S-8	0.61	
S-9	M	
S-140	0.30	M
S-12D	2.11	
S-336	0.60	
ENP	M	M
Gage 63	2.12	
Gage 64	3.19	
Gage 65	1.19	
This Week's Avg	1.39	1.84
Pre-Project Avg	1.21	1.62

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

WCA-3A is in Zone E

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

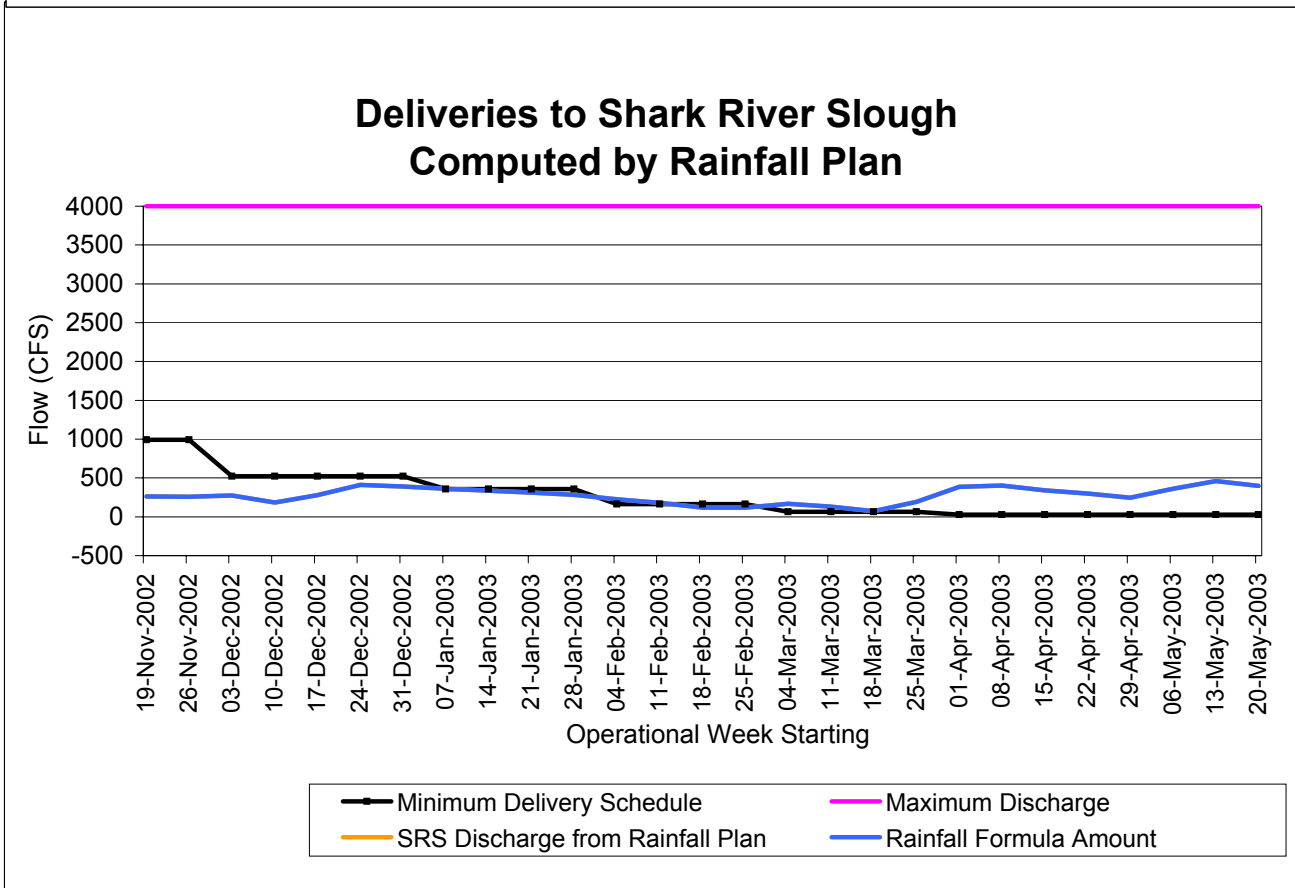
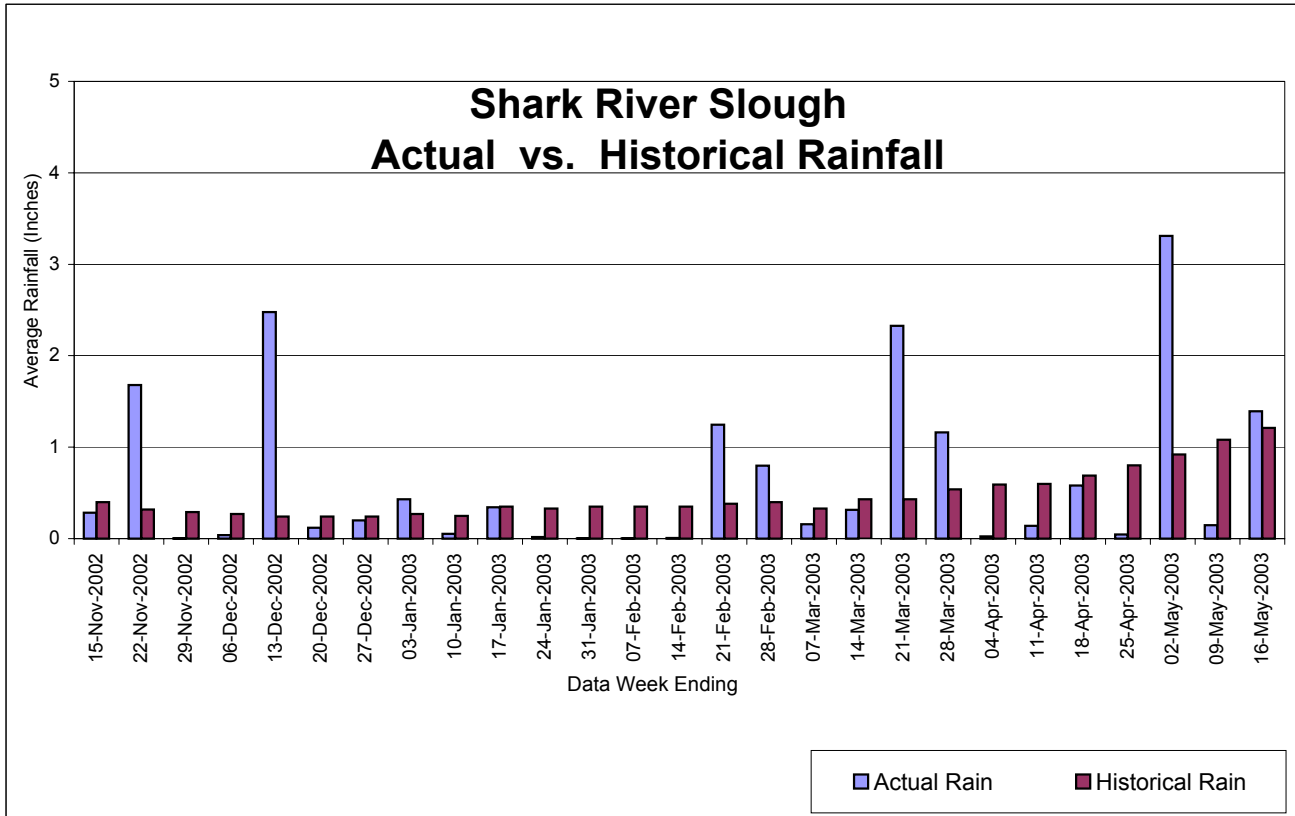
----- Statistical Parameters -----

Rainfall Formula Amount	400 cfs
Last Week's Rainfall Formula	460 cfs
Pre-Project Mean Discharge	12 cfs

Rainfall Excess Terms	RL1 -0.94	RL2 1.20	RL3 2.19
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COMMENT: S140 and ENP pan evaporation values 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	May 27, 2003 to June 2, 2003	408 cfs
S-12 Discharge		184 cfs
S-333 Discharge		225 cfs

----- Data Summary -----	May 16, 2003 to May 23, 2003
WCA-3A Stage (end of week)	9.37 ft. msl
Angel's	5.50 ft. msl
G3273	6.07 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.87	1.47
S-8	2.08	
S-9	0.00	
S-140	2.33	M
S-12D	0.63	
S-336	0.27	
ENP	M	M
Gage 63	1.00	
Gage 64	1.61	
Gage 65	4.69	
This Week's Avg	1.50	1.47
Pre-Project Avg	1.43	1.61

----- 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

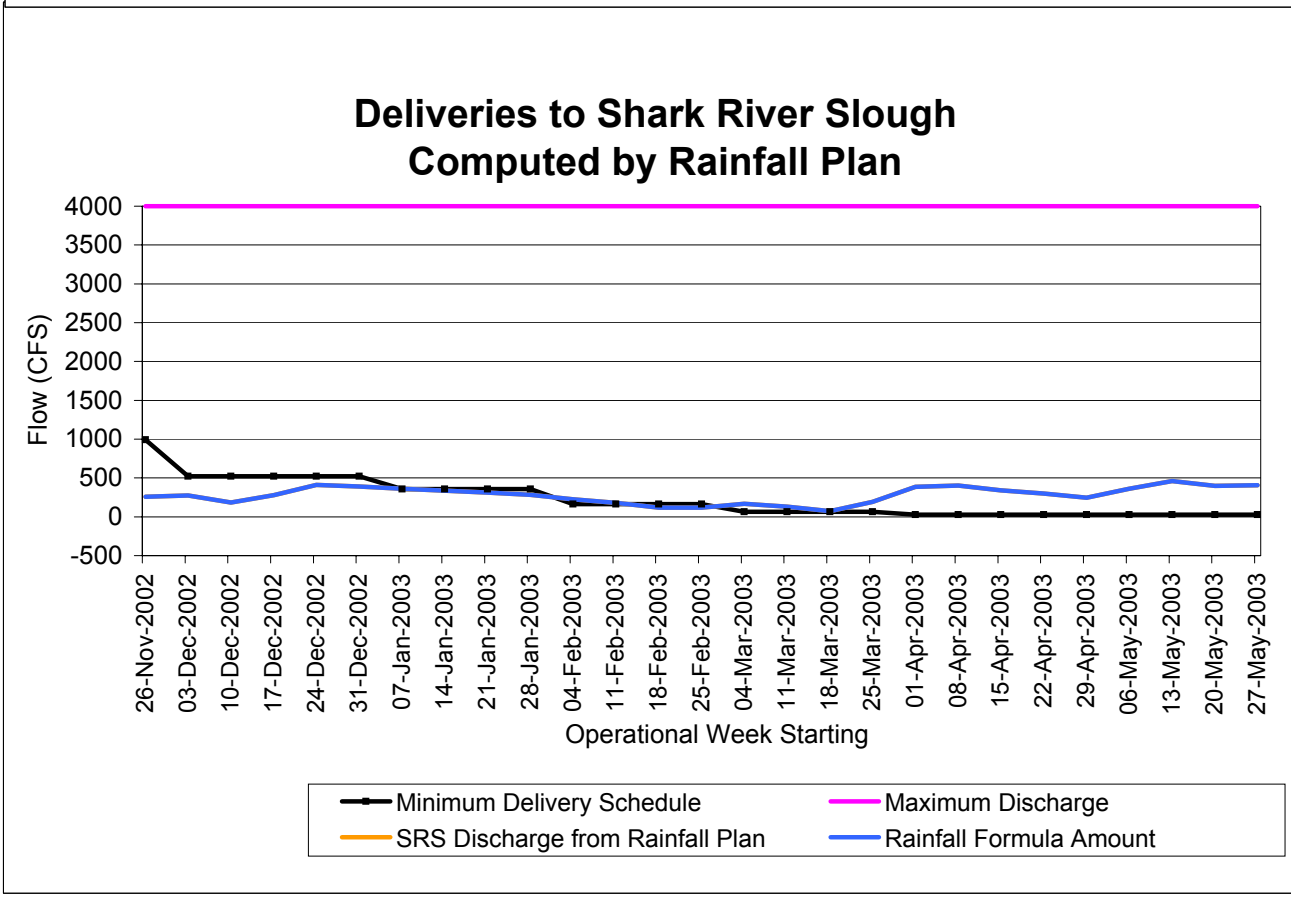
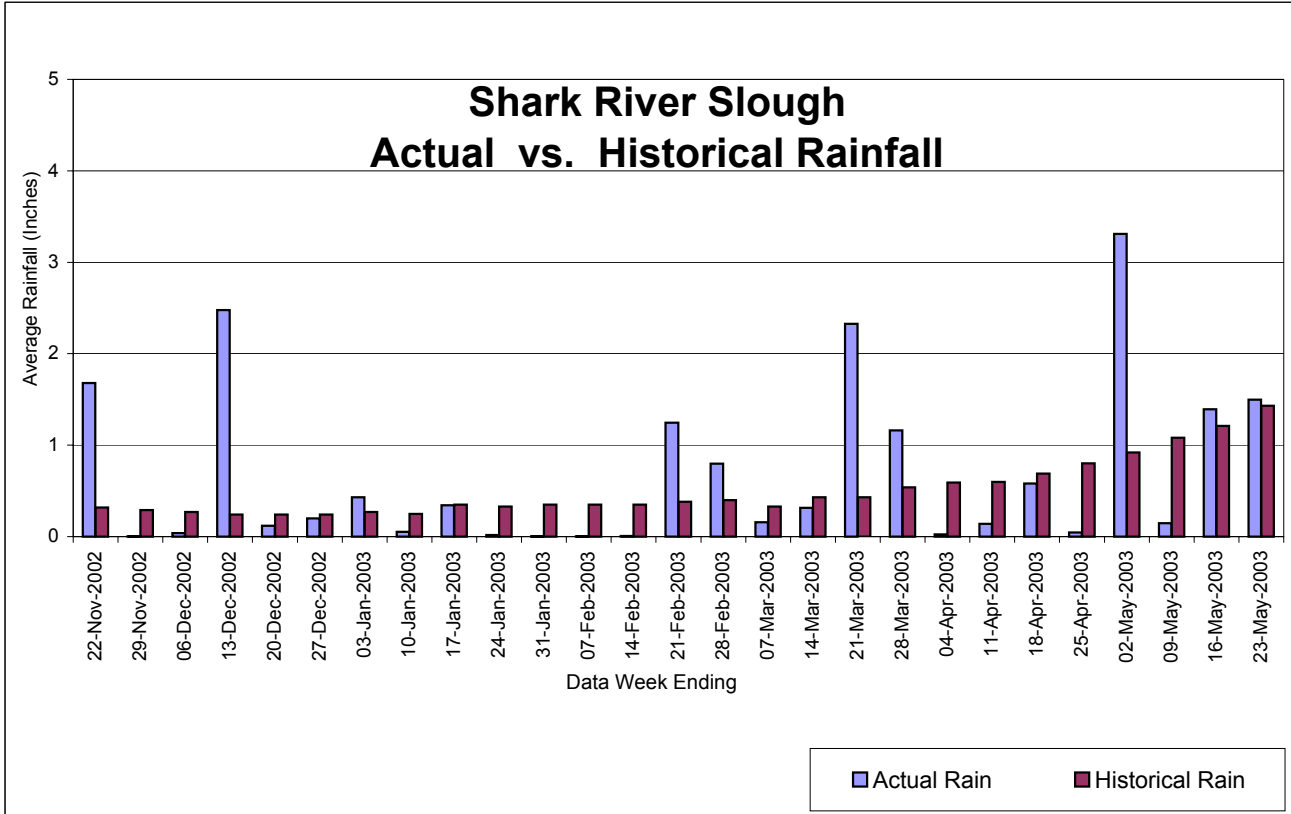
----- Statistical Parameters -----

Rainfall Formula Amount	408 cfs
Last Week's Rainfall Formula	400 cfs
Pre-Project Mean Discharge	17 cfs

Rainfall Excess Terms	RL1 0.19	RL2 0.81	RL3 1.95
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COMMENT: S140 and ENP pan evaporation values 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 3, 2003 to June 9, 2003	1136 cfs
S-12 Discharge		511 cfs
S-333 Discharge		625 cfs

----- Data Summary -----	May 23, 2003 to May 30, 2003
WCA-3A Stage (end of week)	9.72 ft. msl
Angel's	7.06 ft. msl
G3273	7.02 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.22	1.16
S-8	3.46	
S-9	1.14	
S-140	5.55	1.58
S-12D	3.40	
S-336	4.60	
ENP	M	M
Gage 63	6.89	
Gage 64	5.17	
Gage 65	5.43	
This Week's Avg	4.21	1.37
Pre-Project Avg	1.57	1.61

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

WCA-3A is in Zone C

Supplemental discharge is	534 cfs
Distance to Bottom of Transition Zone	-0.21 feet
Distance to Bottom of Regulatory Zone	0.29 feet

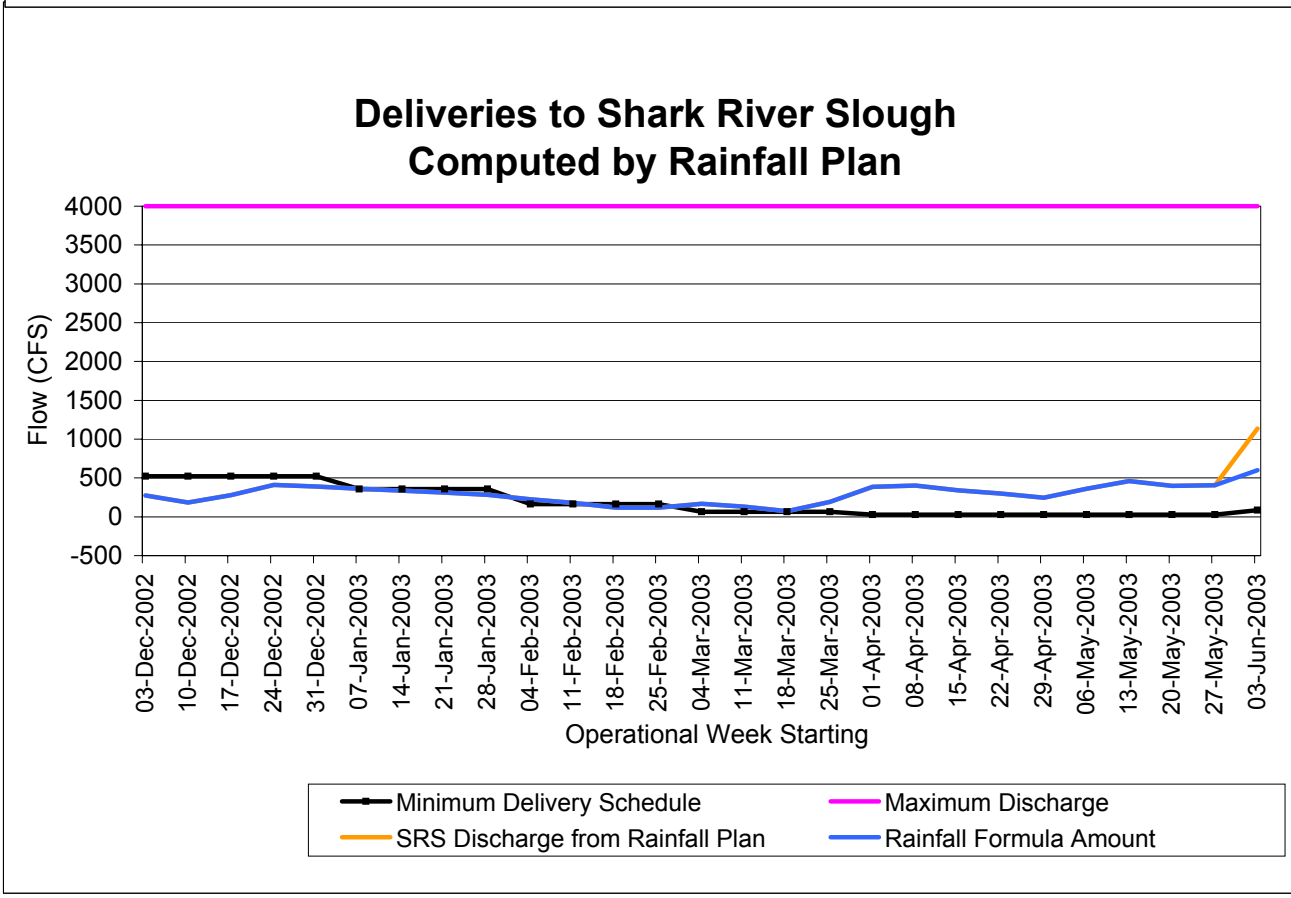
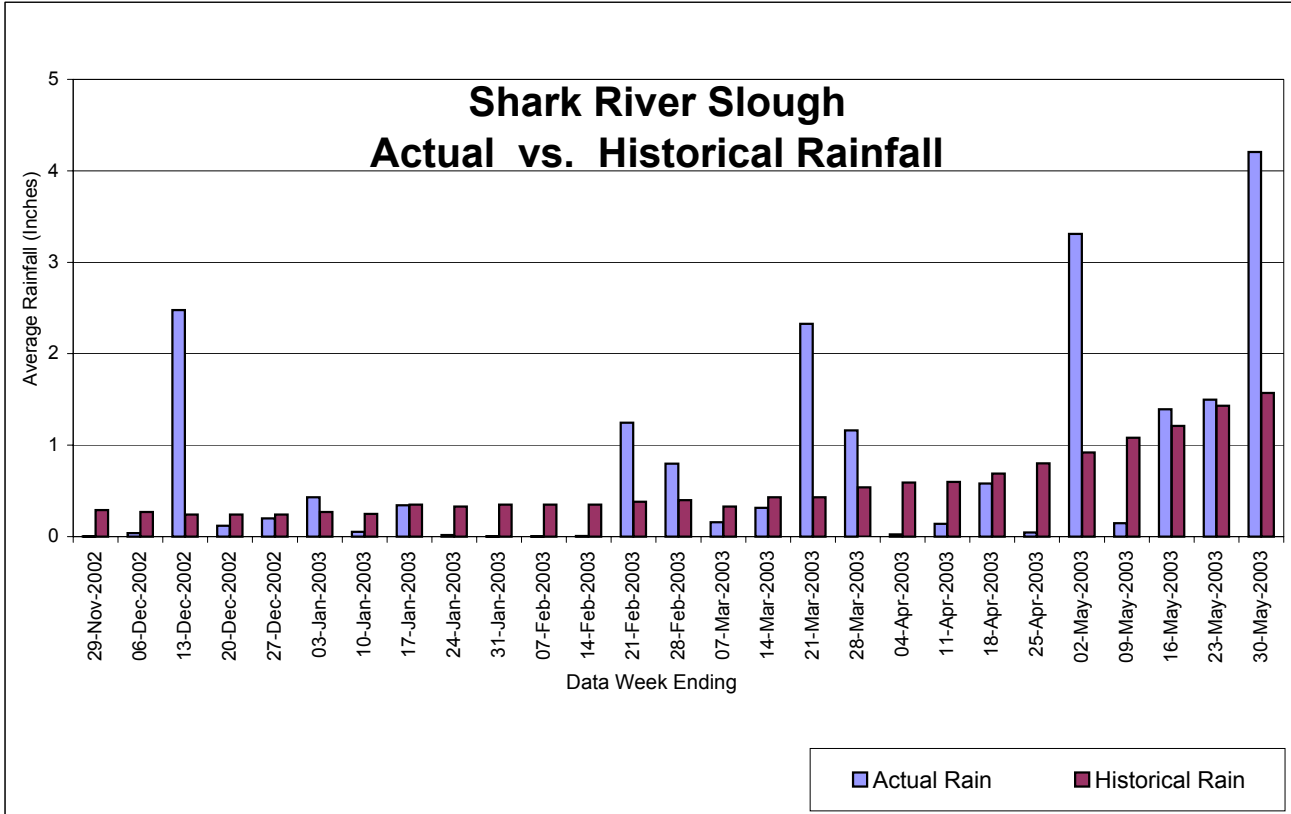
----- Statistical Parameters -----

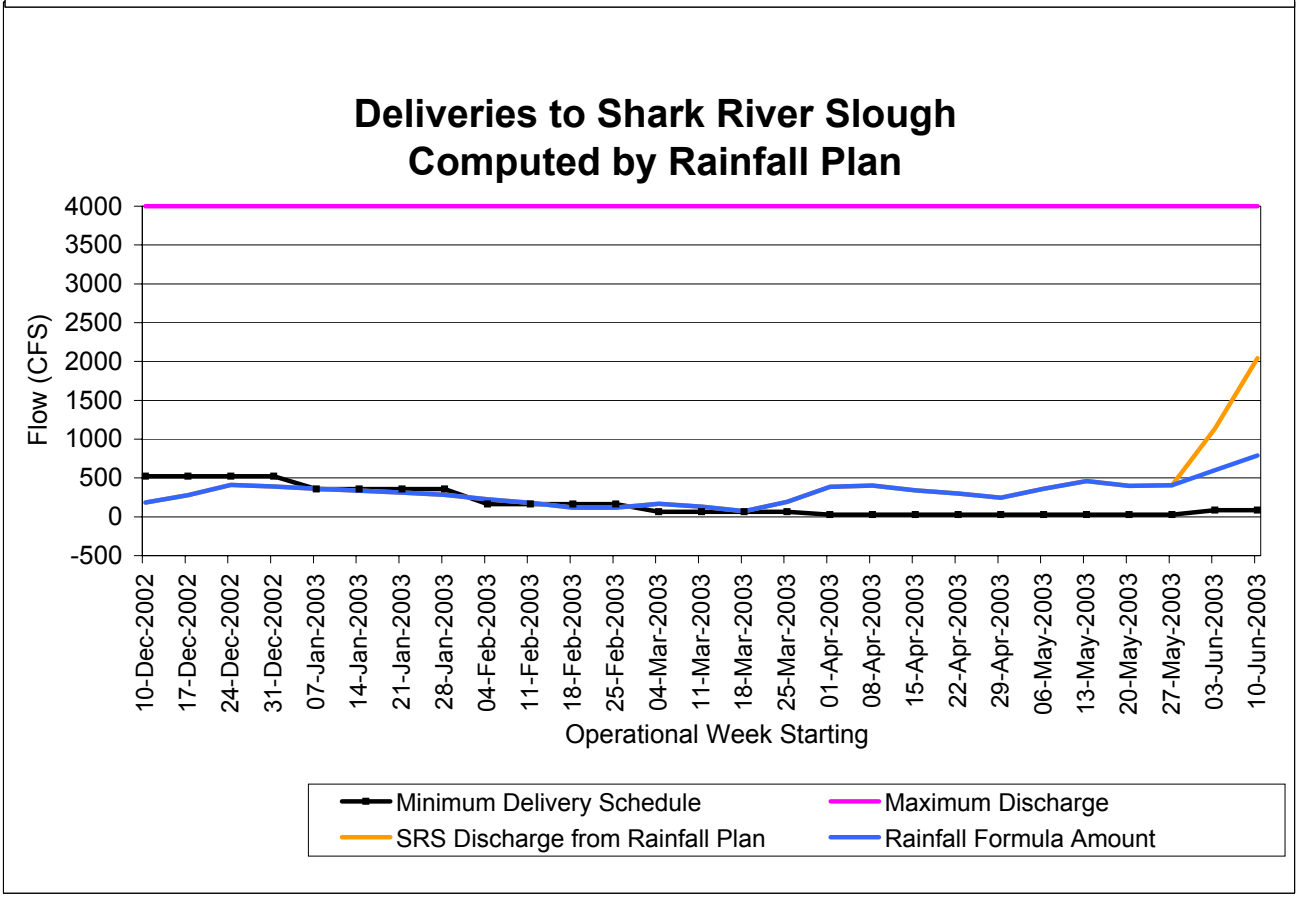
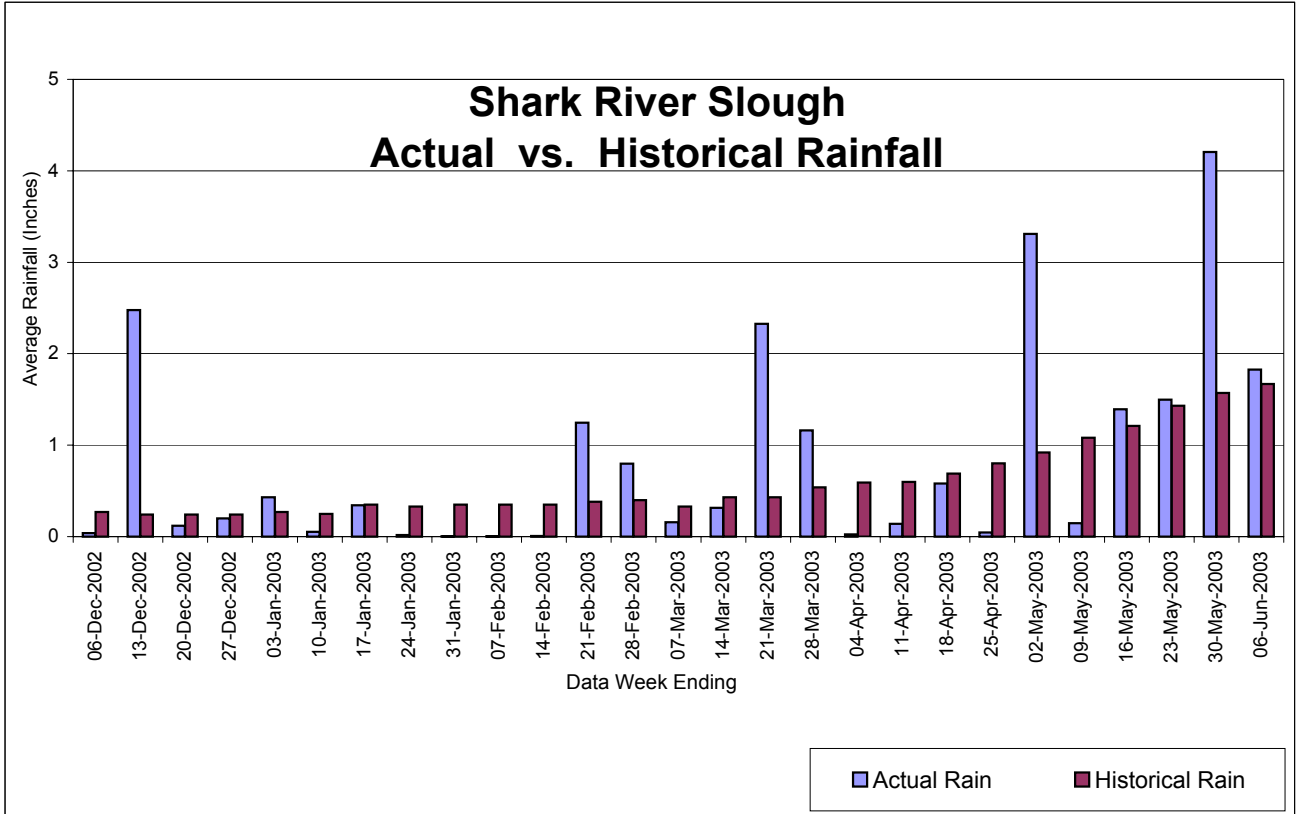
Rainfall Formula Amount	602 cfs
Last Week's Rainfall Formula	408 cfs
Pre-Project Mean Discharge	27 cfs

Rainfall Excess Terms	RL1 3.01	RL2 0.89	RL3 -0.16
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COMMENT: ENP pan evaporation values 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 17, 2003 to June 23, 2003	852 cfs
S-12 Discharge		384 cfs
S-333 Discharge		469 cfs

----- Data Summary -----	June 6, 2003 to June 13, 2003
WCA-3A Stage (end of week)	9.00 ft. msl
Angel's	6.90 ft. msl
G3273	6.99 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	2.57	1.66
S-8	0.61	
S-9	3.55	
S-140	1.64	1.62
S-12D	2.74	
S-336	1.19	
ENP	5.68	M
Gage 63	2.88	
Gage 64	2.23	
Gage 65	6.11	
This Week's Avg	2.92	1.64
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	0.41 feet
Distance to Bottom of Regulatory Zone	1.08 feet

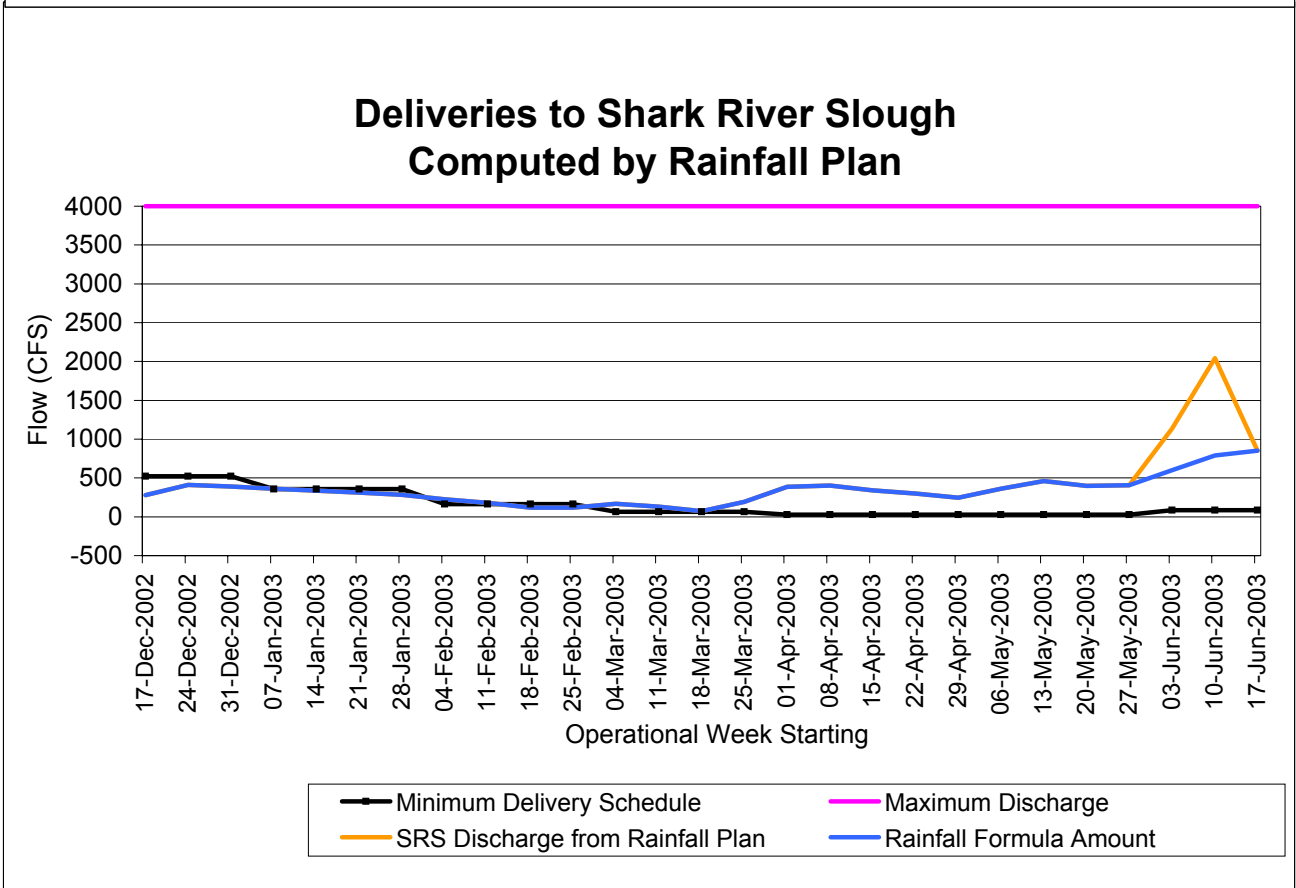
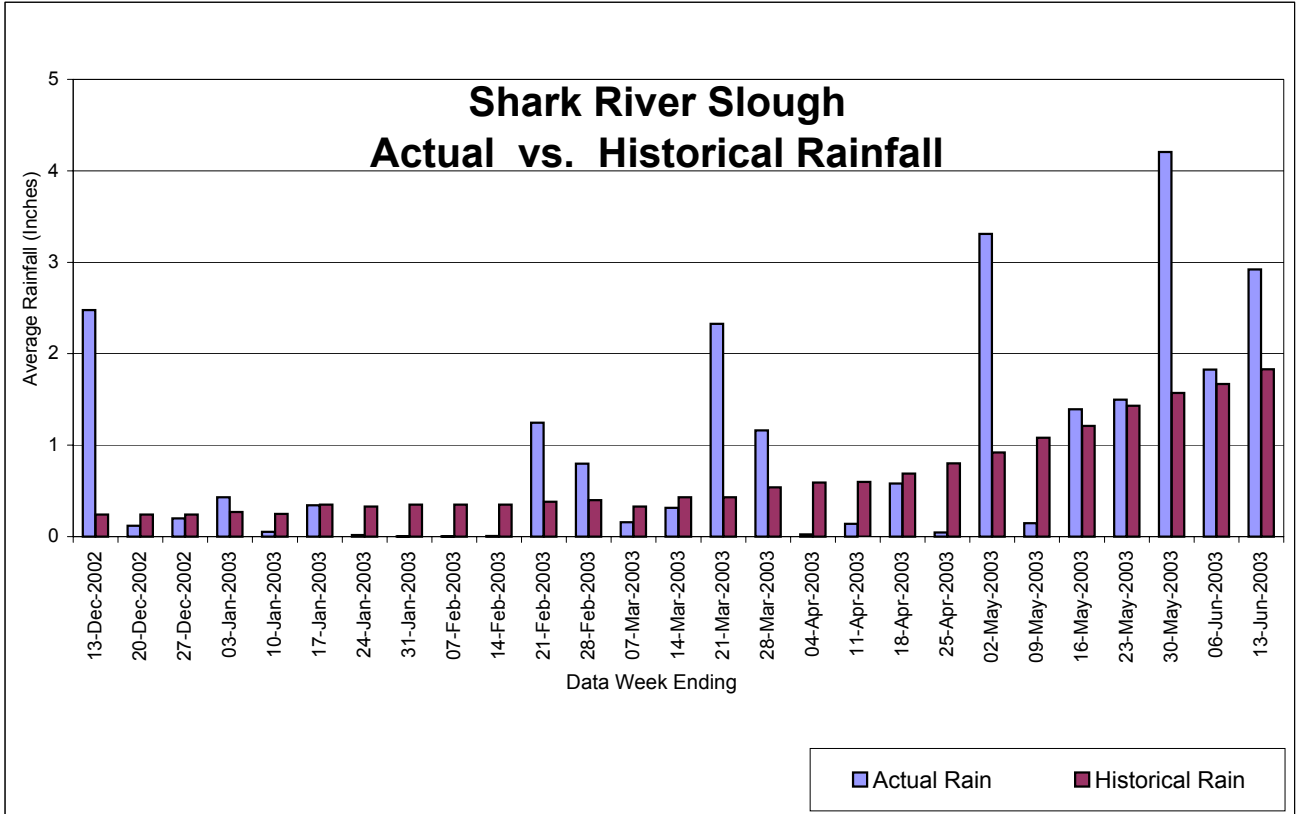
----- Statistical Parameters -----

Rainfall Formula Amount	852 cfs
Last Week's Rainfall Formula	792 cfs
Pre-Project Mean Discharge	54 cfs

Rainfall Excess Terms	RL1 1.21	RL2 2.07	RL3 1.20
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COMMENT: ENP pan evaporation values 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 24, 2003 to June 30, 2003	MAX cfs
S-12 Discharge		MAX cfs
S-333 Discharge		MAX cfs

----- Data Summary -----	June 13, 2003 to June 20, 2003
WCA-3A Stage (end of week)	10.19 ft. msl
Angel's	6.64 ft. msl
G3273	6.95 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.86	1.70
S-8	0.94	
S-9	1.95	
S-140	1.71	1.79
S-12D	0.77	
S-336	0.96	
ENP	M	M
Gage 63	0.08	
Gage 64	0.25	
Gage 65	0.81	
This Week's Avg	1.04	1.75
Pre-Project Avg	1.98	1.51

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

WCA-3A is in Zone A

Supplemental discharge is	MAX	cfs
Distance to Bottom of Transition Zone		-0.82 feet
Distance to Bottom of Regulatory Zone		-0.06 feet

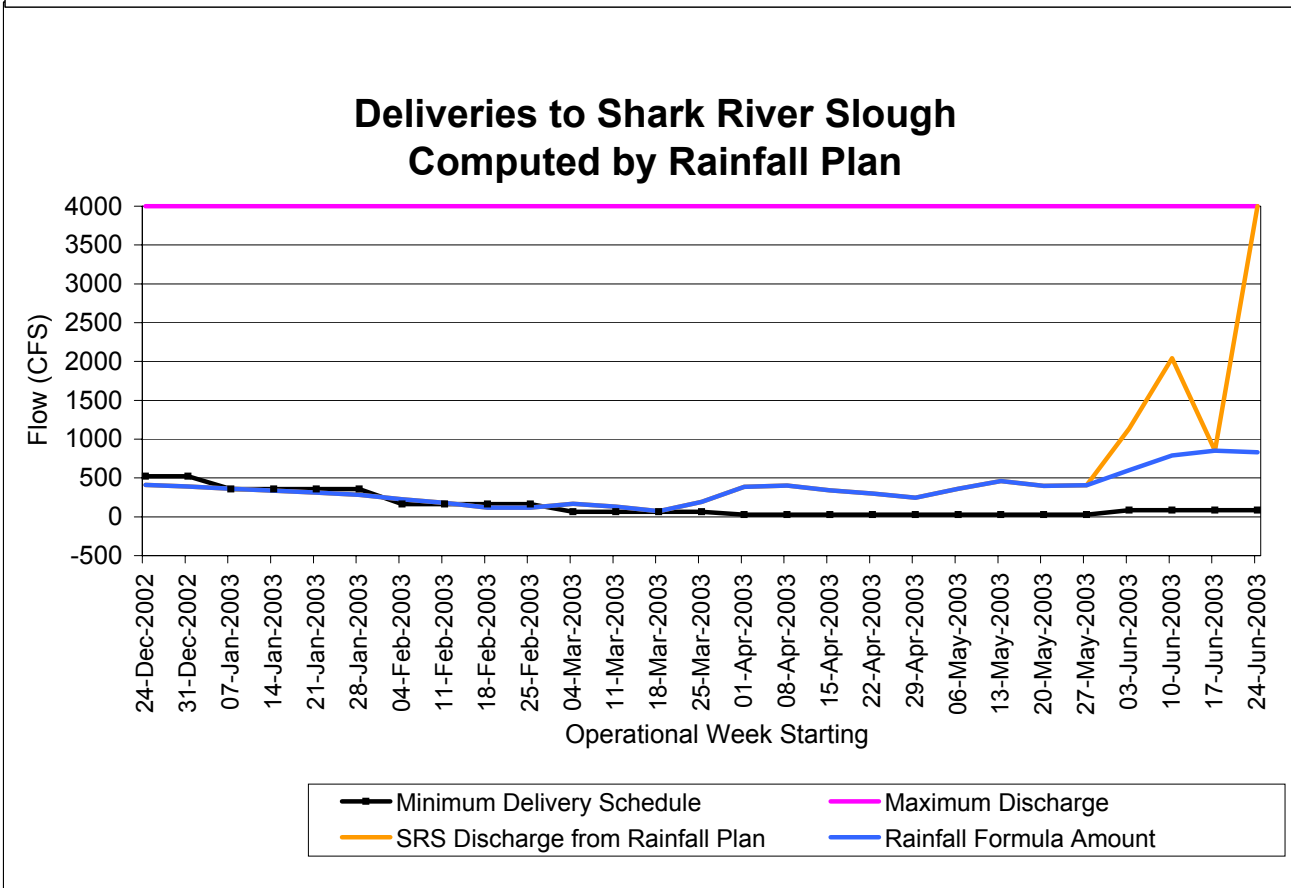
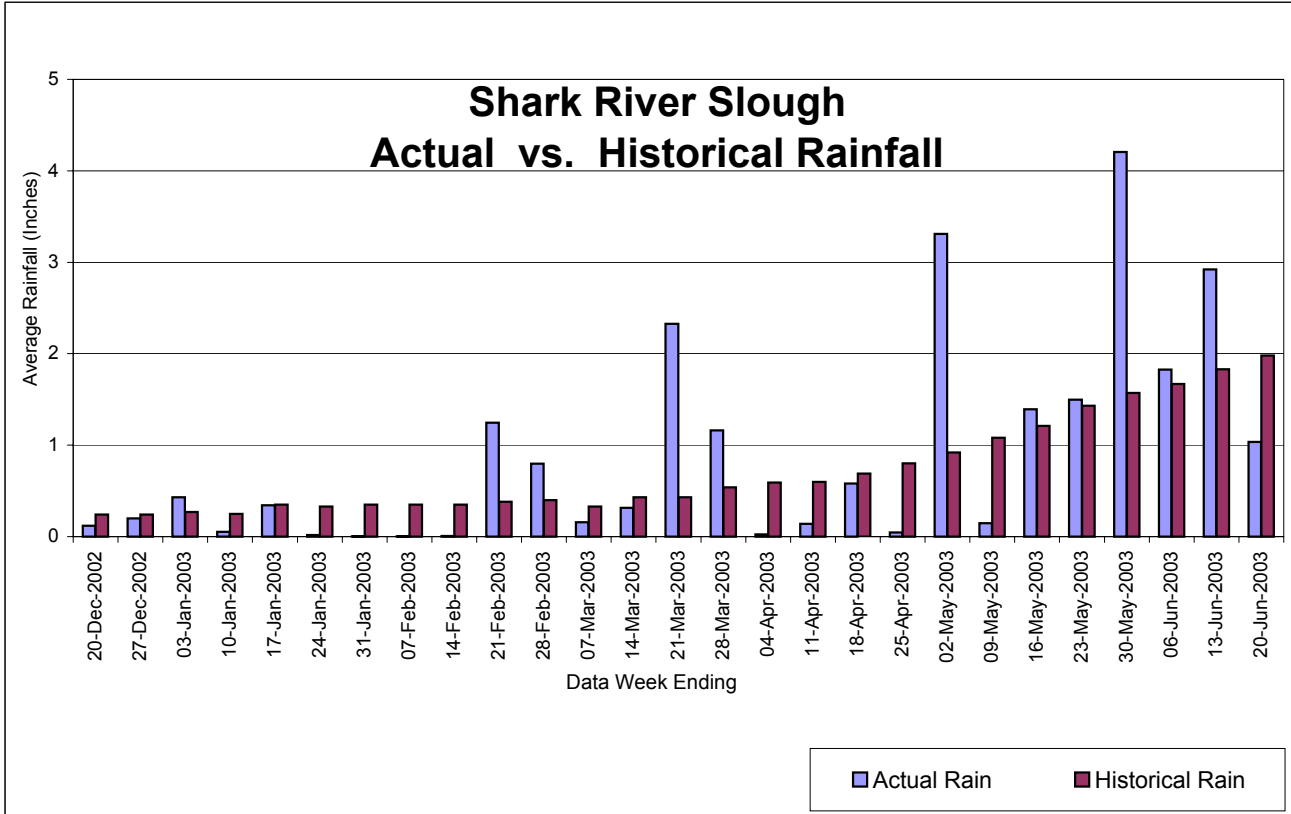
----- Statistical Parameters -----

Rainfall Formula Amount	831 cfs
Last Week's Rainfall Formula	852 cfs
Pre-Project Mean Discharge	75 cfs

Rainfall Excess Terms	RL1 -0.11	RL2 3.21	RL3 0.81
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COMMENT: ENP pan evaporation values 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	July 1, 2003 to July 7, 2003	MAX cfs
S-12 Discharge		MAX cfs
S-333 Discharge		MAX cfs

----- Data Summary -----	June 20, 2003 to June 27, 2003
WCA-3A Stage (end of week)	10.51 ft. msl
Angel's	7.28 ft. msl
G3273	7.30 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.74	1.69
S-8	1.05	
S-9	3.25	
S-140	2.02	1.52
S-12D	M	
S-336	3.25	
ENP	M	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	2.26	1.61
Pre-Project Avg	2.10	1.49

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

WCA-3A is in Zone A

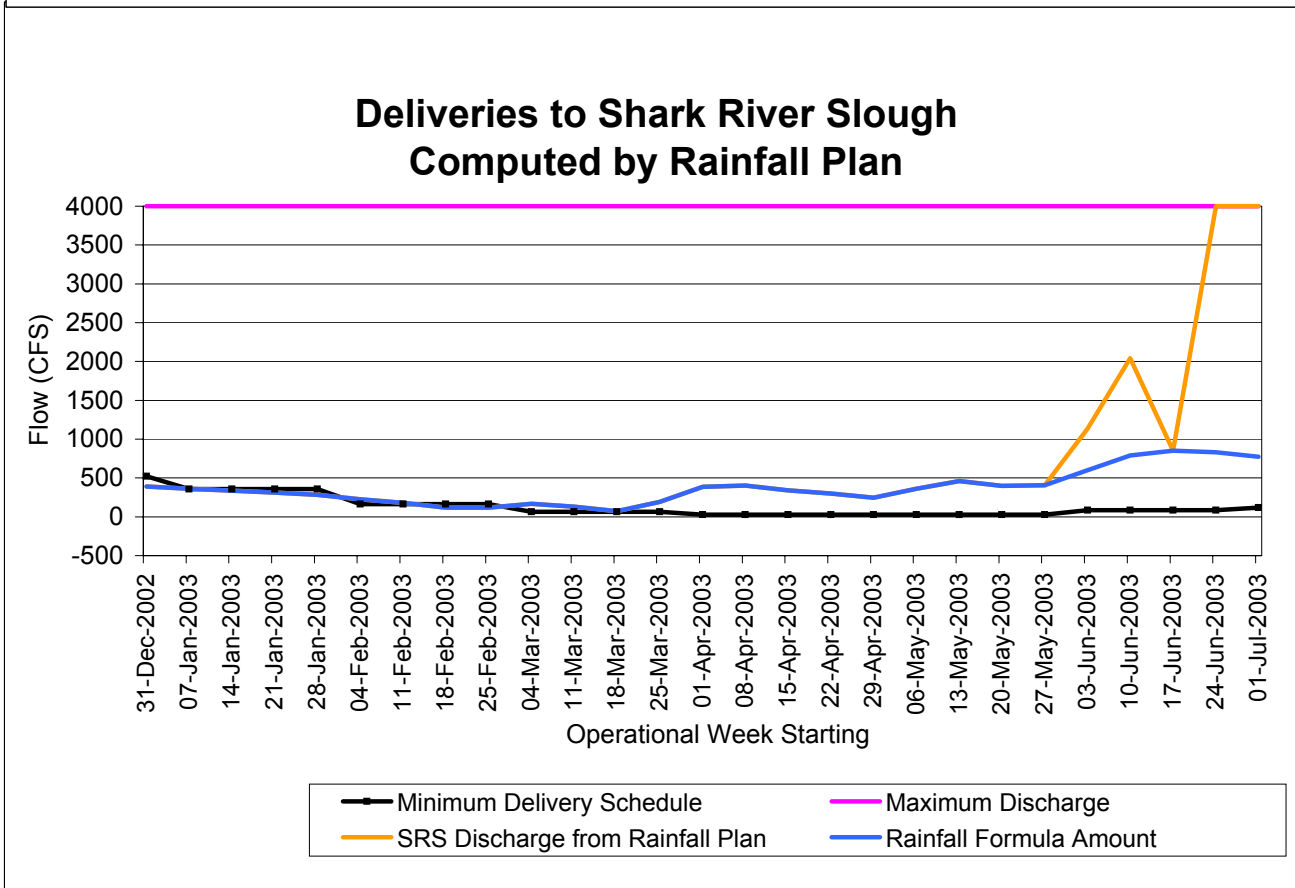
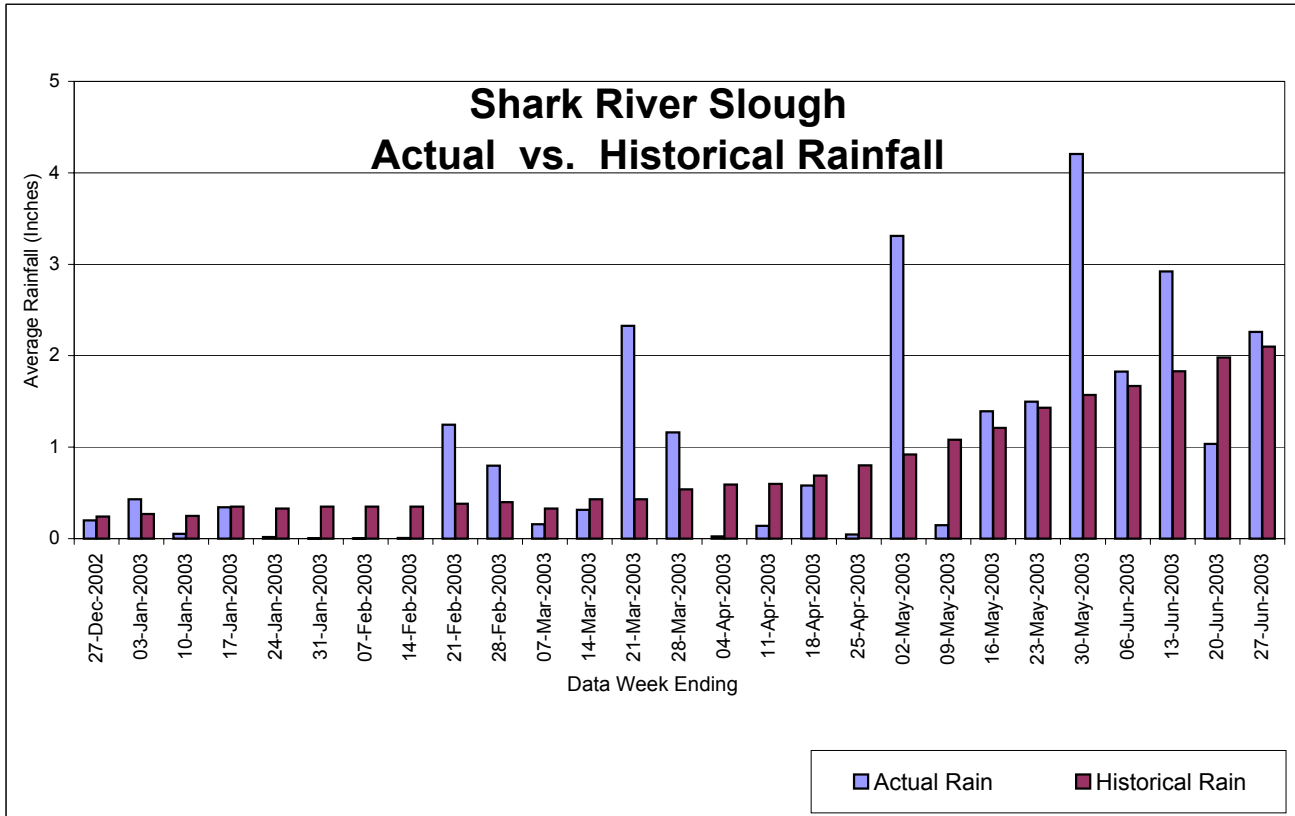
Supplemental discharge is	MAX	cfs
Distance to Bottom of Transition Zone		-1.19 feet
Distance to Bottom of Regulatory Zone		-0.33 feet

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

Rainfall Formula Amount		772 cfs
Last Week's Rainfall Formula		831 cfs
Pre-Project Mean Discharge		94 cfs
Rainfall Excess Terms		
RL1	-1.06	RL2 4.22
		RL3 0.89

COMMENT: ENP pan evaporation values 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	July 8, 2003 to July 14, 2003	MAX cfs
S-12 Discharge		MAX cfs
S-333 Discharge		MAX cfs

----- Data Summary -----	June 27, 2003	to	July 4, 2003
WCA-3A Stage (end of week)	10.54		ft. msl
Angel's	7.01		ft. msl
G3273	7.13		ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.94	1.42
S-8	2.56	
S-9	0.27	
S-140	0.57	1.86
S-12D	0.29	
S-336	0.58	
ENP	0.17	1.34
Gage 63	M	
Gage 64	0.75	
Gage 65	0.90	
This Week's Avg	0.78	1.54
Pre-Project Avg	2.05	1.45

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

WCA-3A is in Zone A

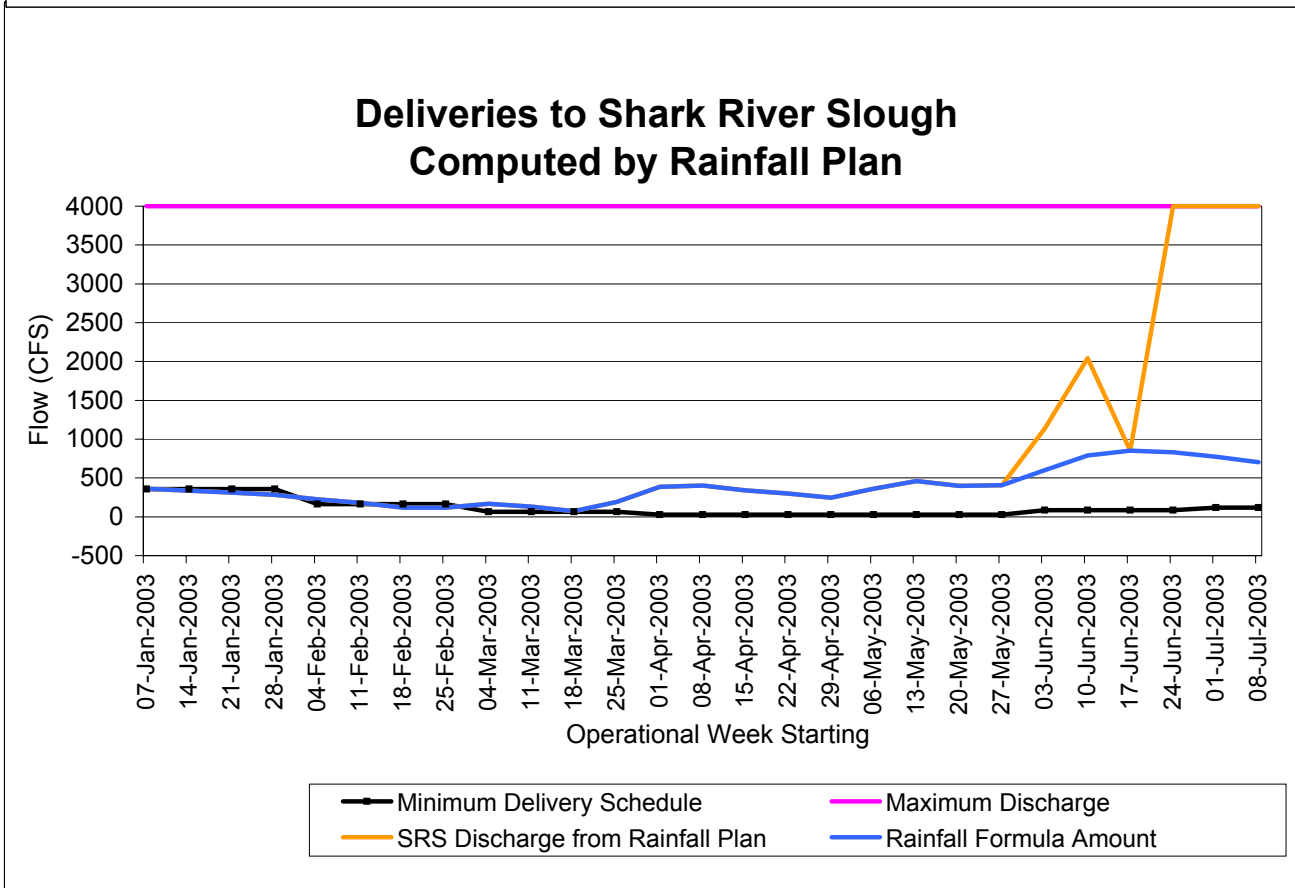
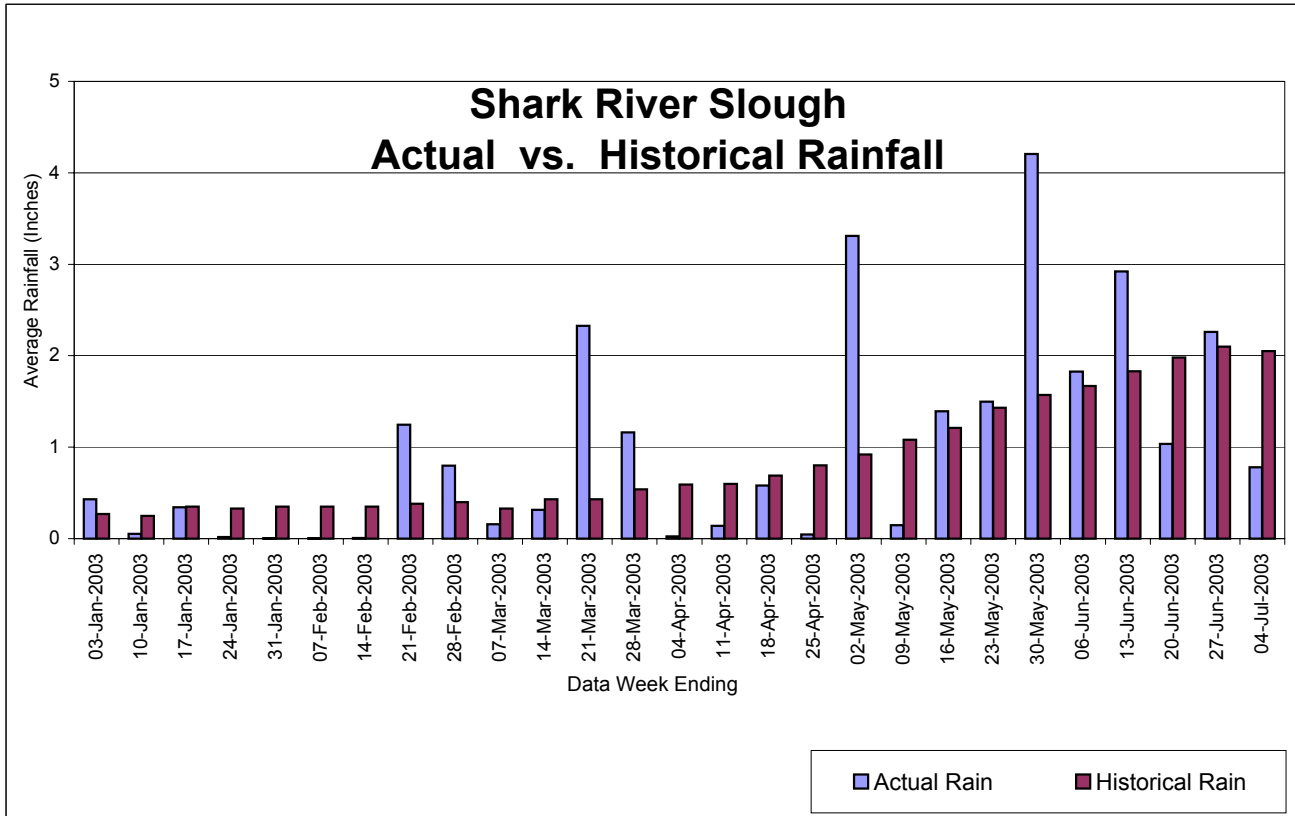
Supplemental discharge is	MAX	cfs
Distance to Bottom of Transition Zone		-1.27 feet
Distance to Bottom of Regulatory Zone		-0.32 feet

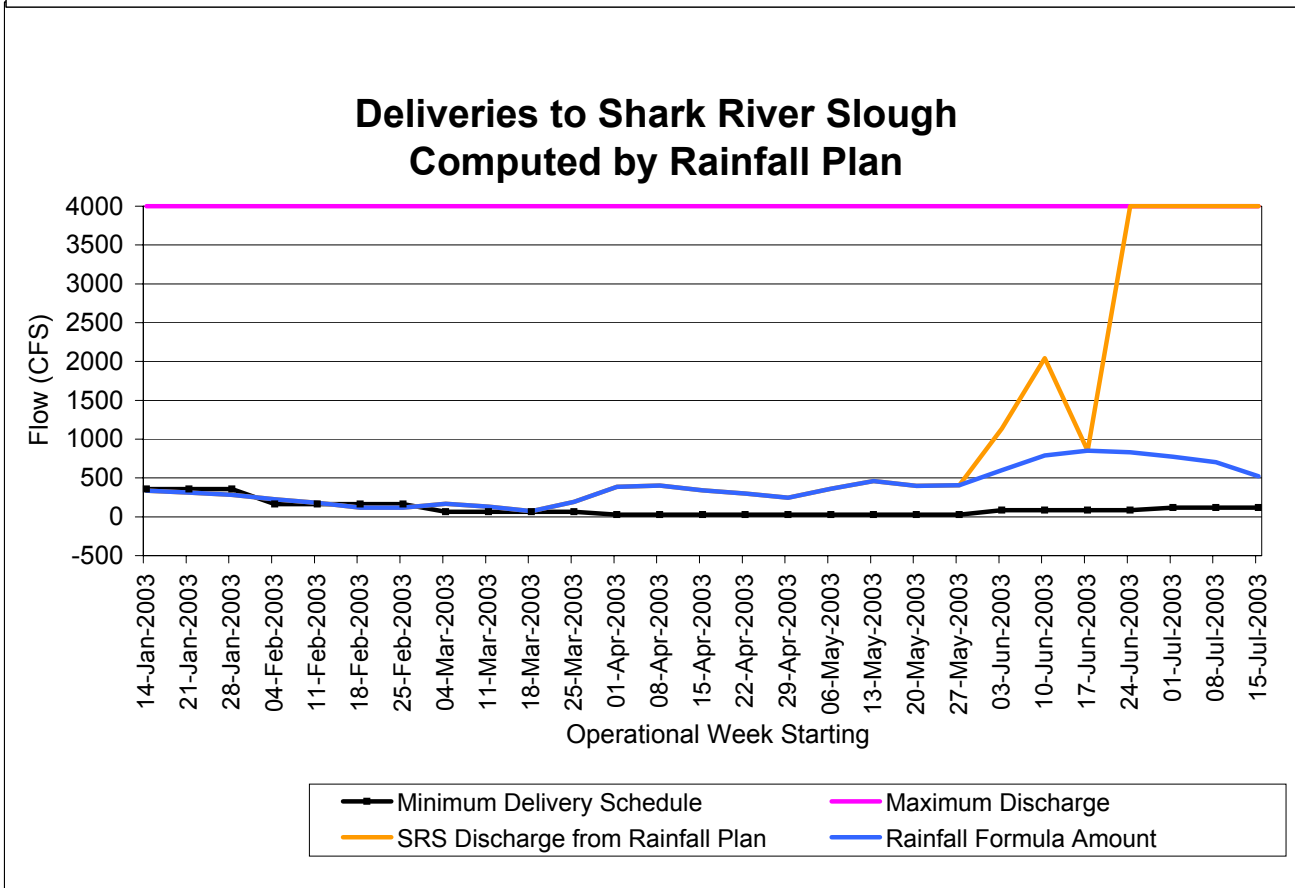
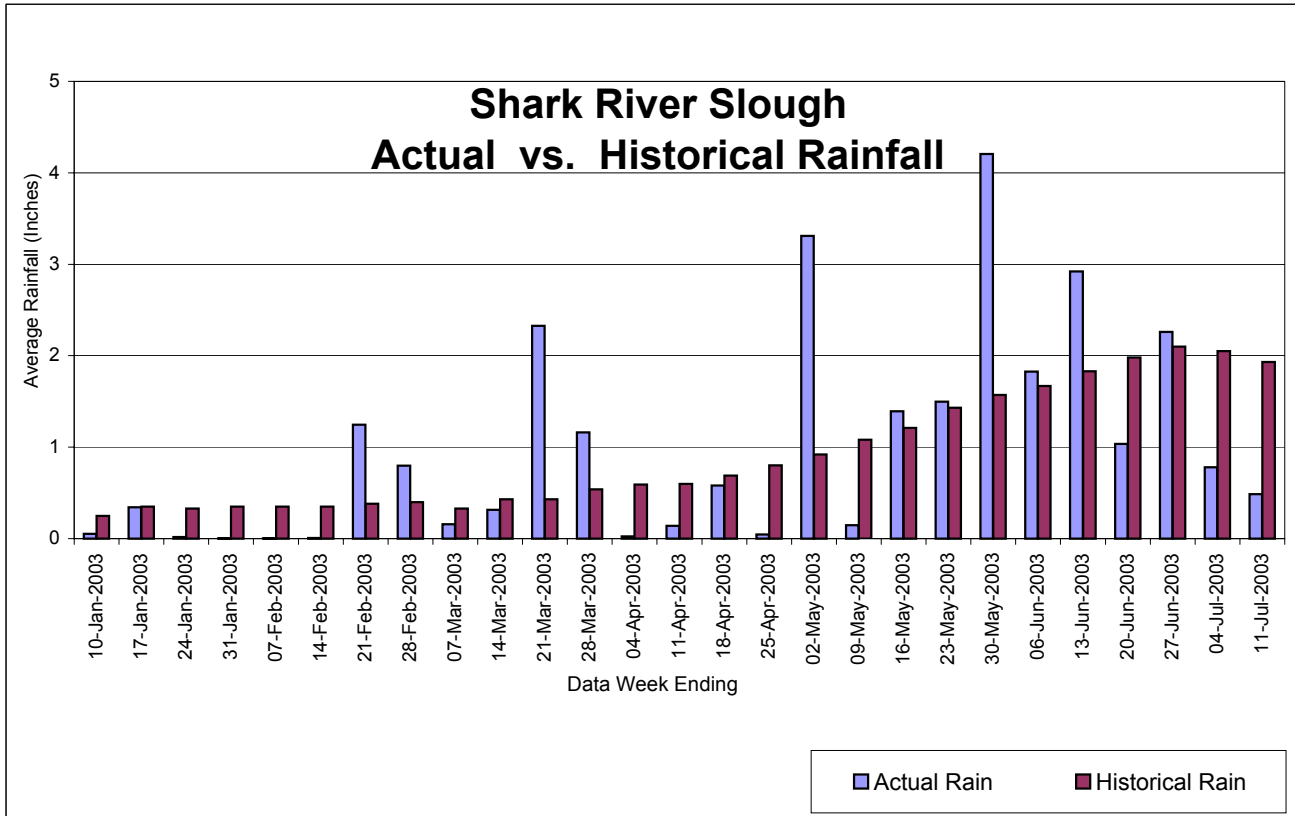
----- Statistical Parameters -----

Rainfall Formula Amount	705 cfs	
Last Week's Rainfall Formula	772 cfs	
Pre-Project Mean Discharge	111 cfs	
Rainfall Excess Terms		
RL1 -1.27	RL2 2.91	RL3 1.84

COMMENT:

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





WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow	July 22, 2003 to July 28, 2003	MAX cfs
S-12 Discharge		MAX cfs
S-333 Discharge		MAX cfs

----- Data Summary -----	July 11, 2003 to July 18, 2003
WCA-3A Stage (end of week)	10.51 ft. msl
Angel's	6.18 ft. msl
G3273	6.86 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.61	1.41
S-8	2.10	
S-9	0.60	
S-140	2.62	2.01
S-12D	0.53	
S-336	0.80	
ENP	1.74	M
Gage 63	1.14	
Gage 64	1.33	
Gage 65	M	
This Week's Avg	1.27	1.71
Pre-Project Avg	1.95	1.43

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

WCA-3A is in Zone A

Supplemental discharge is	MAX	cfs
Distance to Bottom of Transition Zone		-1.20 feet
Distance to Bottom of Regulatory Zone		-0.20 feet

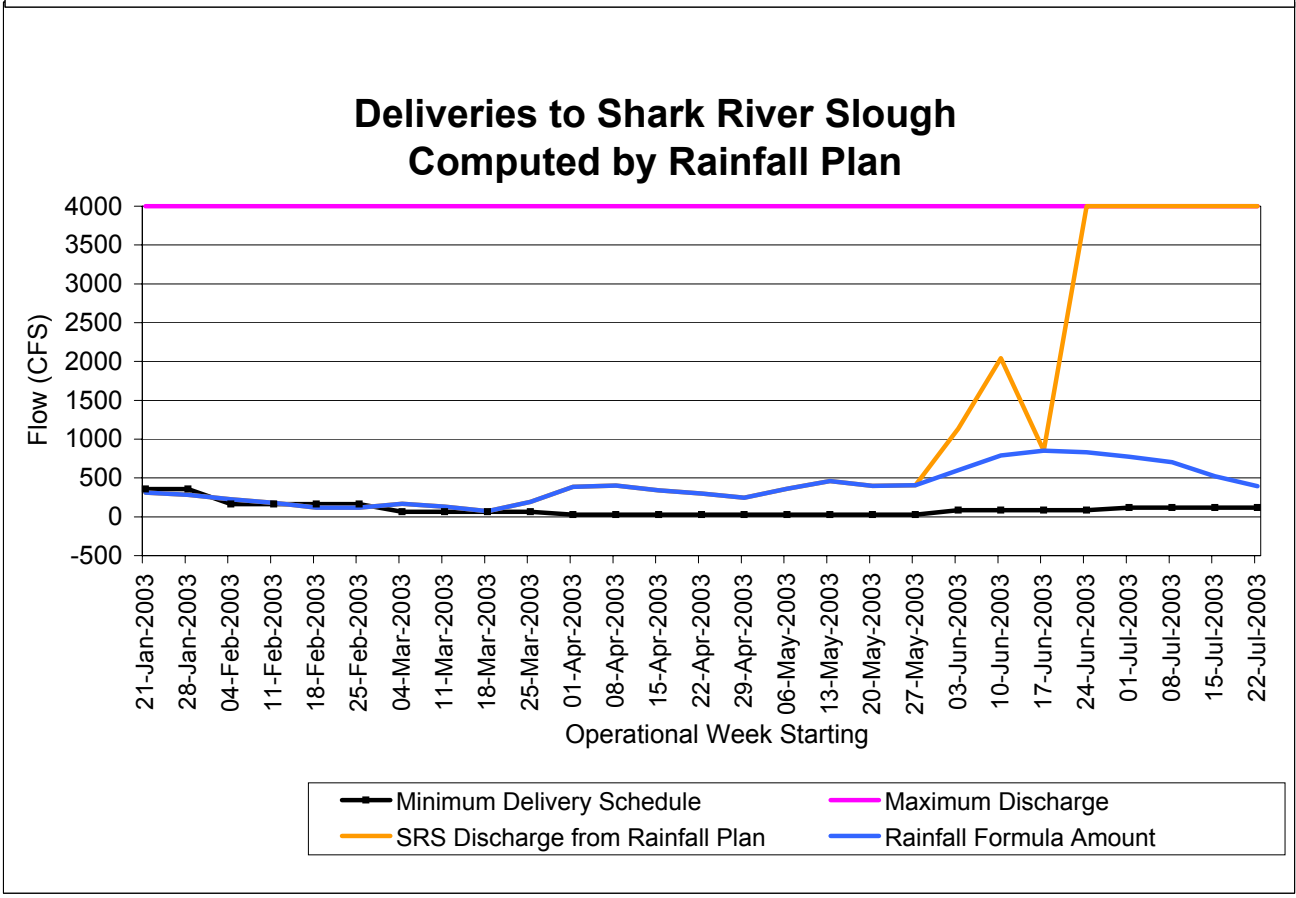
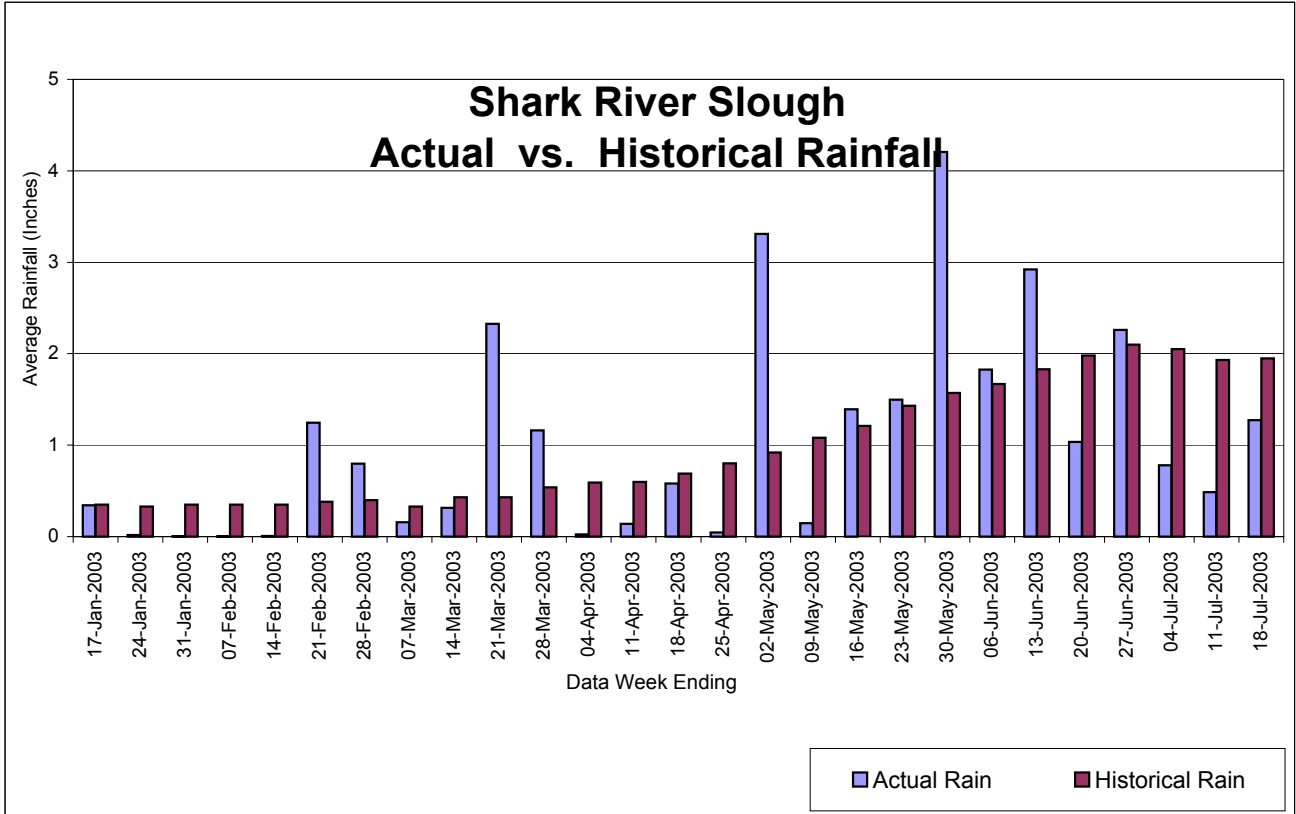
----- Statistical Parameters -----

Rainfall Formula Amount	395 cfs
Last Week's Rainfall Formula	523 cfs
Pre-Project Mean Discharge	148 cfs

Rainfall Excess Terms	RL1 -2.69	RL2 -1.38	RL3 3.21
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COMMENT: ENR pan evaporation values 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	July 29, 2003 to August 4, 2003	MAX cfs
S-12 Discharge		MAX cfs
S-333 Discharge		MAX cfs

----- Data Summary -----	July 18, 2003 to July 25, 2003
WCA-3A Stage (end of week)	10.53 ft. msl
Angel's	6.23 ft. msl
G3273	6.88 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.06	1.48
S-8	1.22	
S-9	0.41	
S-140	1.05	1.65
S-12D	1.02	
S-336	1.88	
ENP	1.60	M
Gage 63	0.46	
Gage 64	0.24	
Gage 65	0.72	
This Week's Avg	0.97	1.57
Pre-Project Avg	1.92	1.42

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

WCA-3A is in Zone A

Supplemental discharge is	MAX	cfs
Distance to Bottom of Transition Zone		-1.17 feet
Distance to Bottom of Regulatory Zone		-0.17 feet

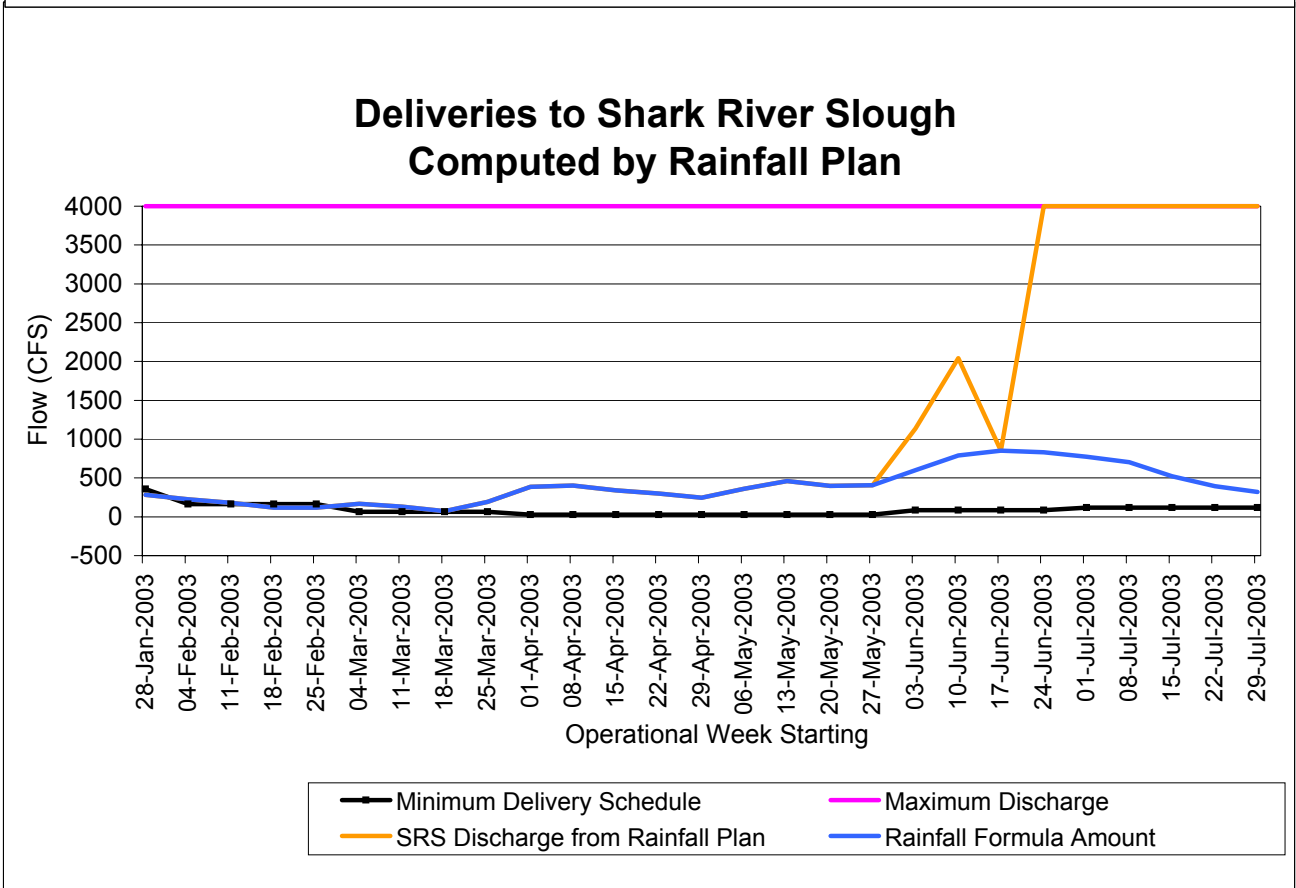
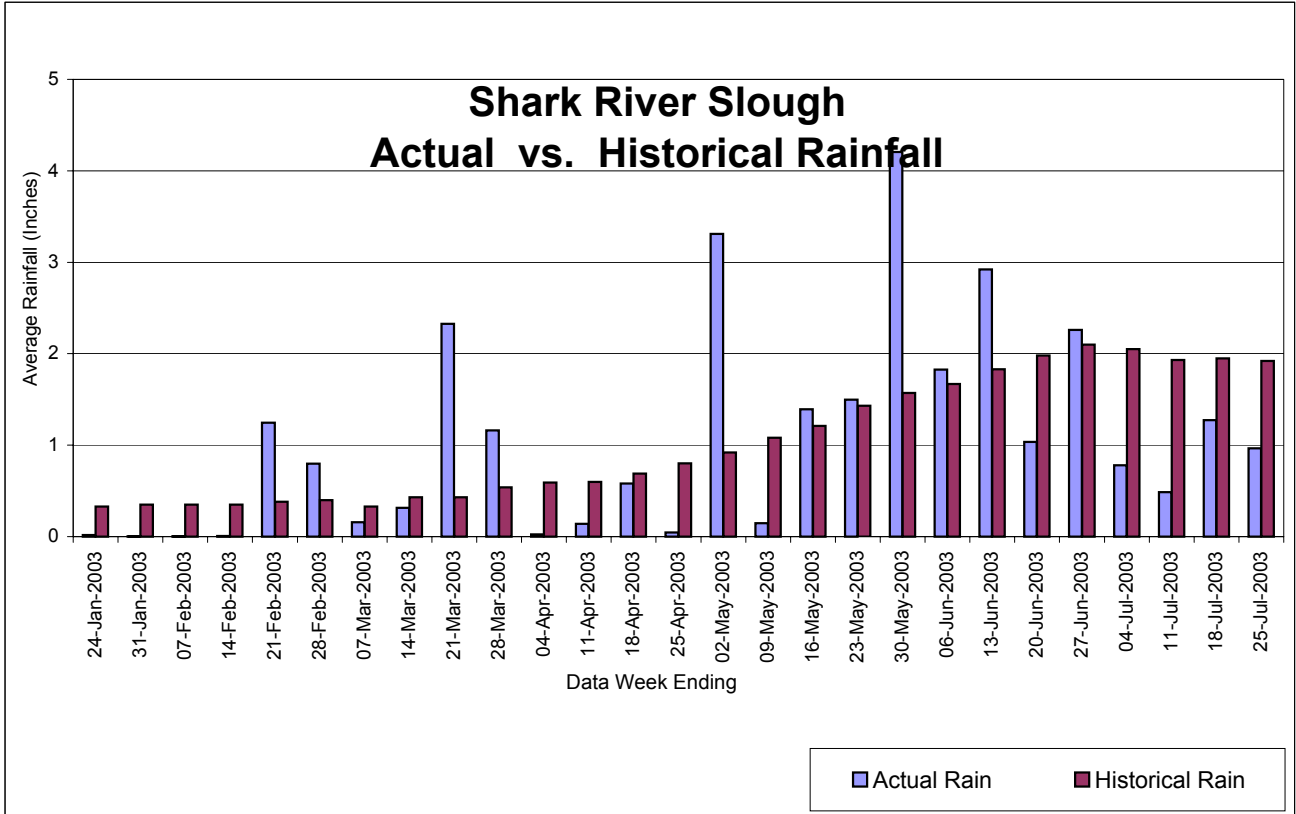
----- Statistical Parameters -----

Rainfall Formula Amount	322 cfs
Last Week's Rainfall Formula	395 cfs
Pre-Project Mean Discharge	162 cfs

Rainfall Excess Terms	RL1 -1.97	RL2 -4.19	RL3 4.22
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COMMENT: ENR pan evaporation values 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 August 5, 2003 to August 11, 2003 MAX cfs

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

----- Data Summary ----- July 25, 2003 to August 1, 2003
 WCA-3A Stage (end of week) 10.52 ft. msl
 Angel's 6.67 ft. msl
 G3273 6.93 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.21	1.25
S-8	0.92	
S-9	2.48	
S-140	1.29	1.55
S-12D	0.82	
S-336	1.59	
ENP	1.38	M
Gage 63	3.07	
Gage 64	1.31	
Gage 65	0.65	
This Week's Avg	1.47	1.40
Pre-Project Avg	1.83	1.42

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

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.11 feet
 Distance to Bottom of Regulatory Zone -0.11 feet

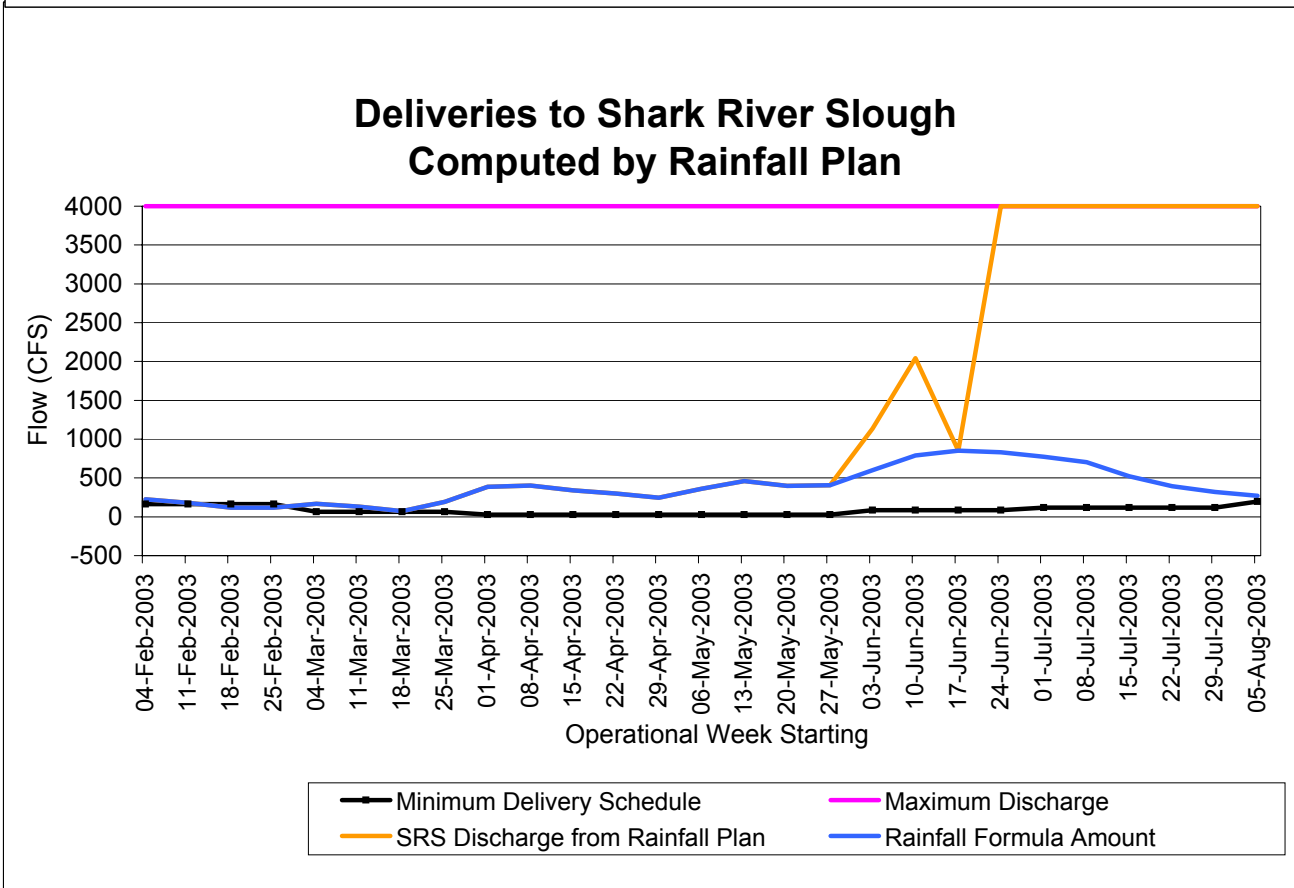
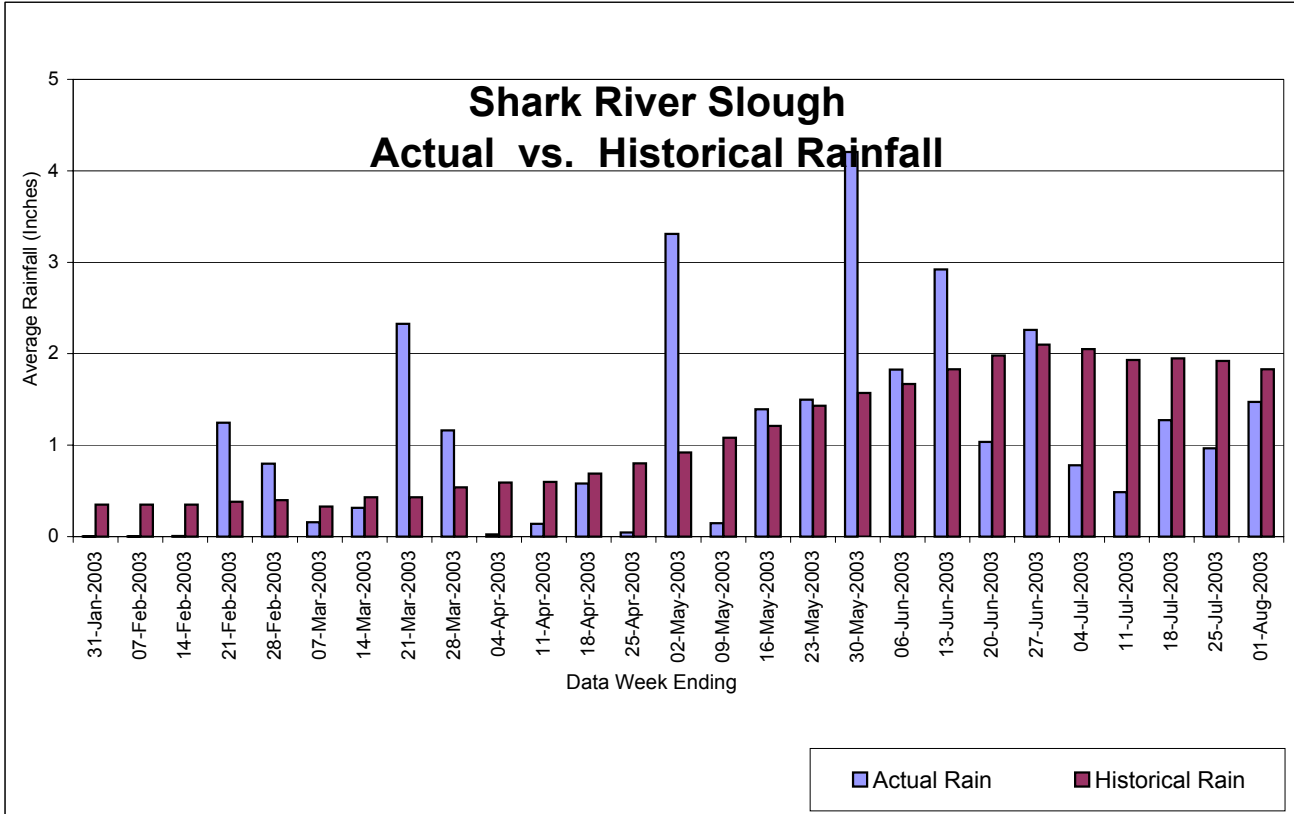
----- Statistical Parameters -----

Rainfall Formula Amount 273 cfs
 Last Week's Rainfall Formula 322 cfs
 Pre-Project Mean Discharge 175 cfs

Rainfall Excess Terms
RL1 -1.41 RL2 -3.96 RL3 2.91

COMMENT: ENR pan evaporation values 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 August 12, 2003 to August 18, 2003 MAX cfs

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

----- **Data Summary** ----- **August 1, 2003 to August 8, 2003**
WCA-3A Stage (end of week) 10.57 ft. msl
Angel's 7.08 ft. msl
G3273 7.21 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.17	M
S-8	2.80	
S-9	2.83	
S-140	1.85	1.46
S-12D	2.05	
S-336	2.13	
ENP	M	M
Gage 63	M	
Gage 64	2.63	
Gage 65	1.53	
This Week's Avg	2.00	1.46
Pre-Project Avg	1.72	1.42

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

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
Distance to Bottom of Transition Zone -1.12 feet
Distance to Bottom of Regulatory Zone -0.12 feet

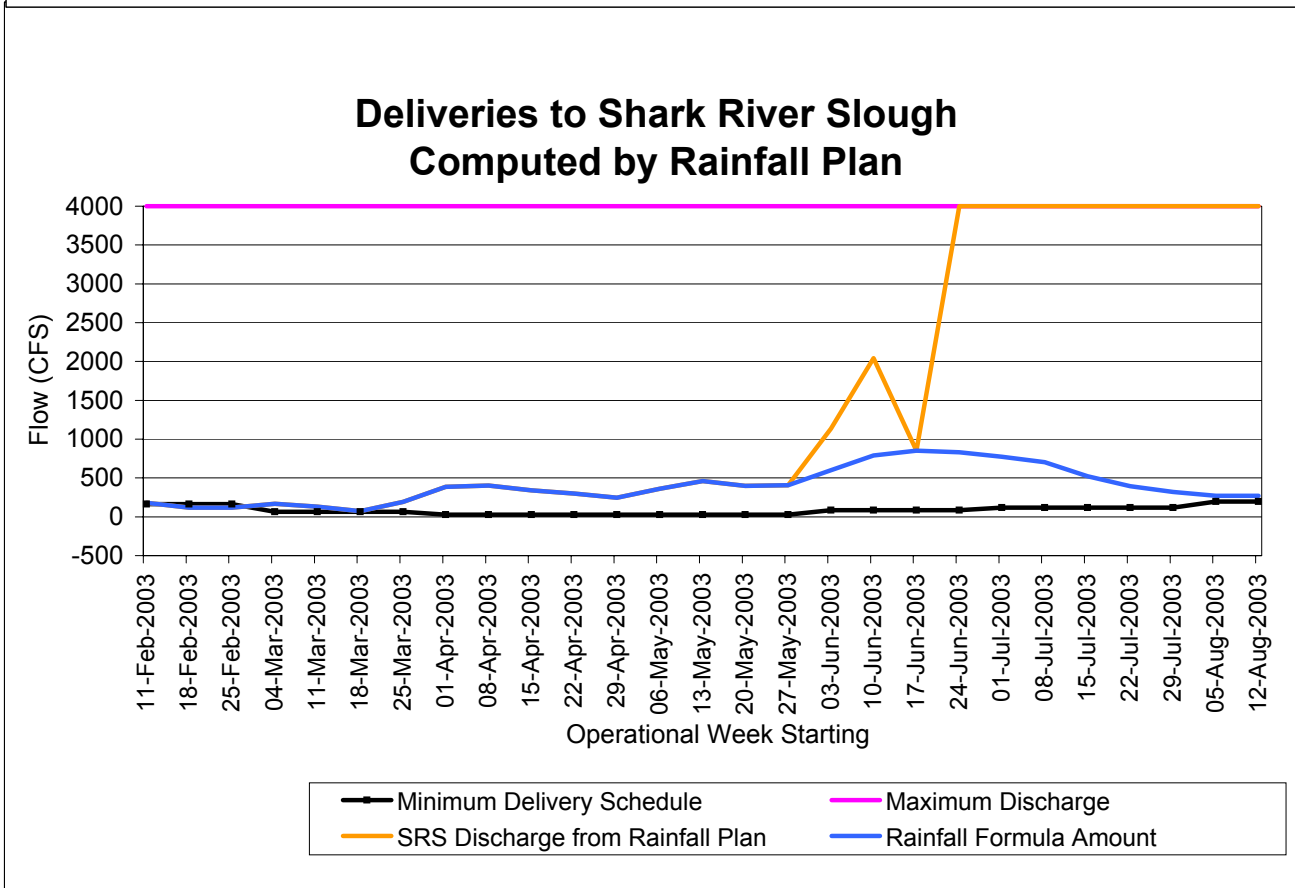
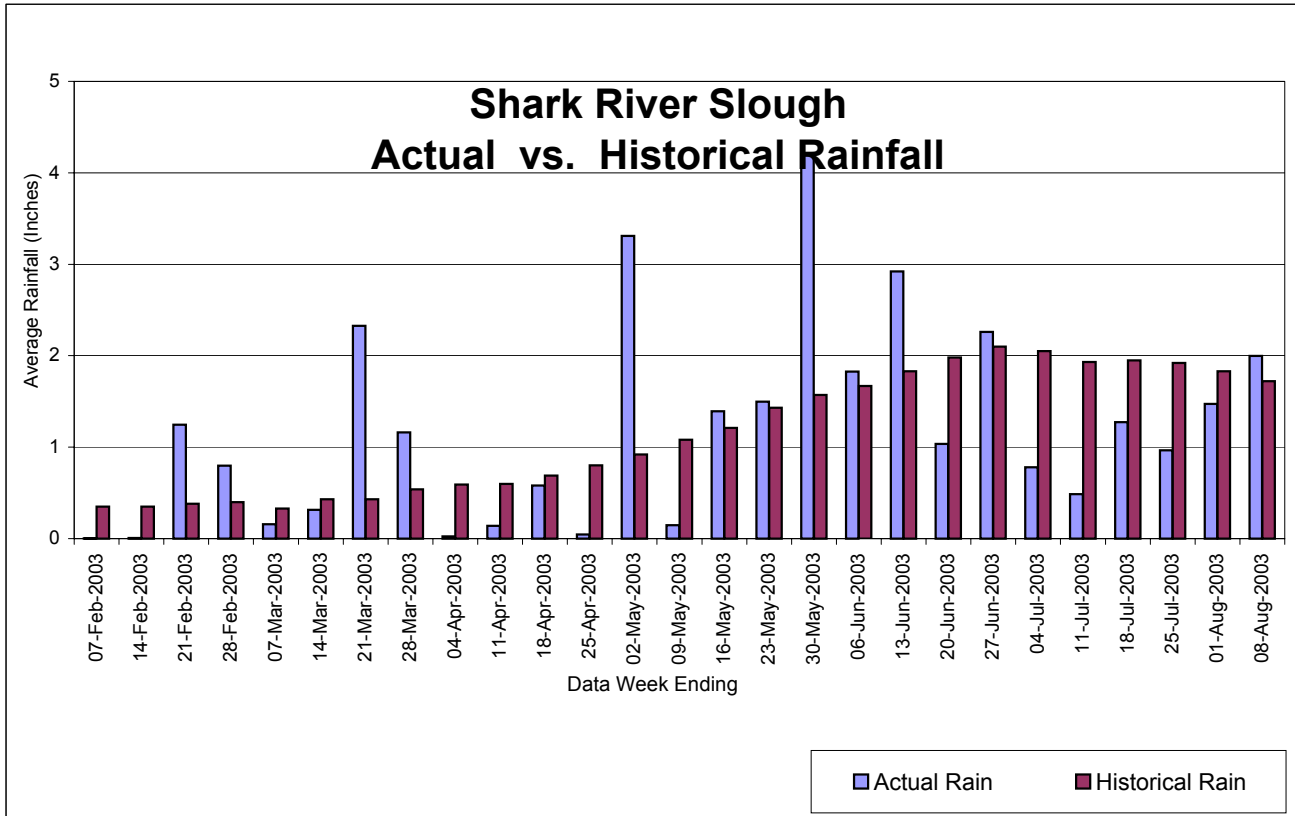
----- **Statistical Parameters** -----

Rainfall Formula Amount 270 cfs
Last Week's Rainfall Formula 273 cfs
Pre-Project Mean Discharge 185 cfs

Rainfall Excess Terms
RL1 -0.10 RL2 -5.10 RL3 0.15

COMMENT: ENR and S-7 pan evaporation values are 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 August 19, 2003 to August 25, 2003 MAX cfs

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

----- **Data Summary** ----- **August 8, 2003 to August 15, 2003**
 WCA-3A Stage (end of week) 10.62 ft. msl
 Angel's 7.16 ft. msl
 G3273 7.24 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.60	1.38
S-8	0.44	
S-9	3.36	
S-140	0.50	1.61
S-12D	0.88	
S-336	1.10	
ENP	M	M
Gage 63	1.13	
Gage 64	1.46	
Gage 65	0.71	
This Week's Avg	1.24	1.50
Pre-Project Avg	1.70	1.39

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

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.12 feet
 Distance to Bottom of Regulatory Zone -0.12 feet

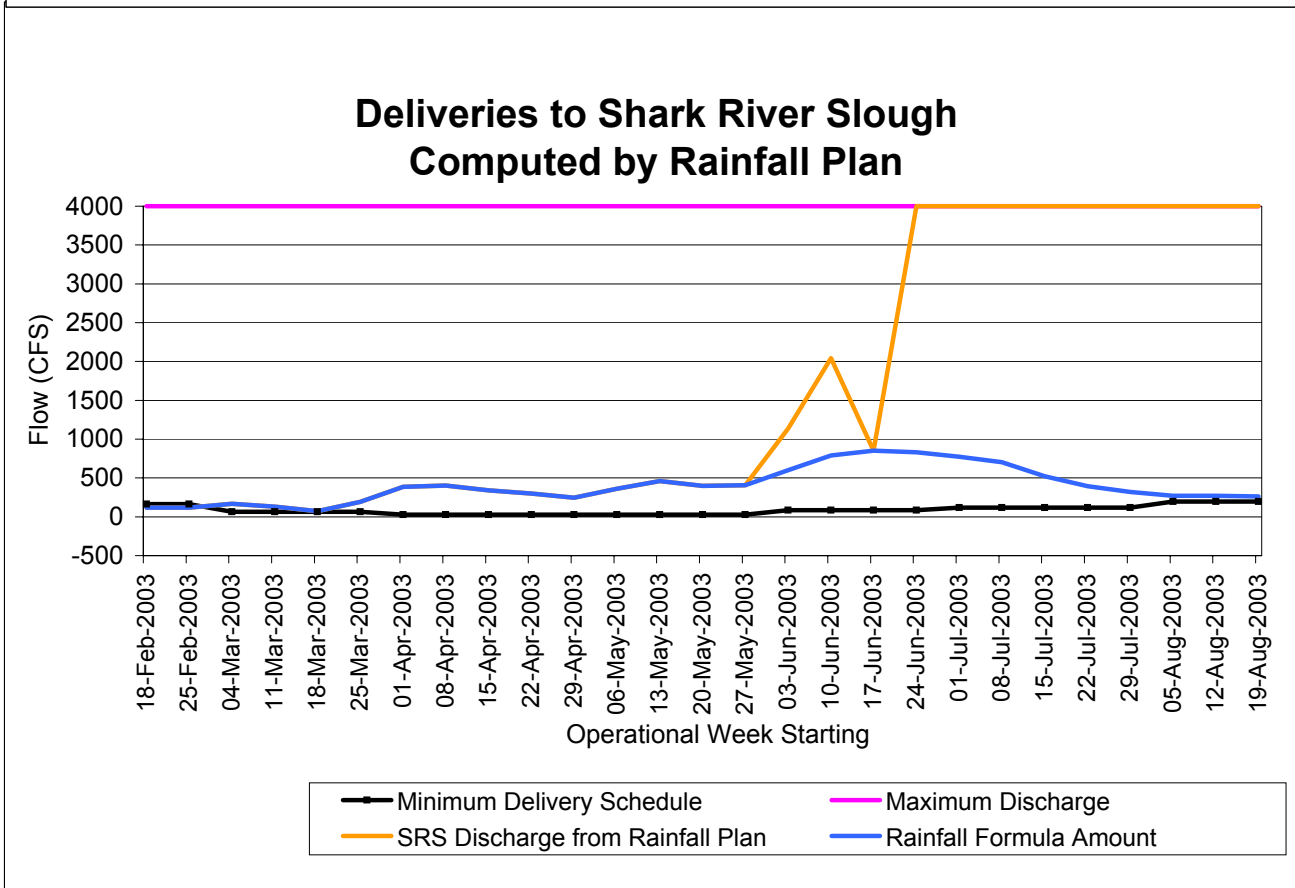
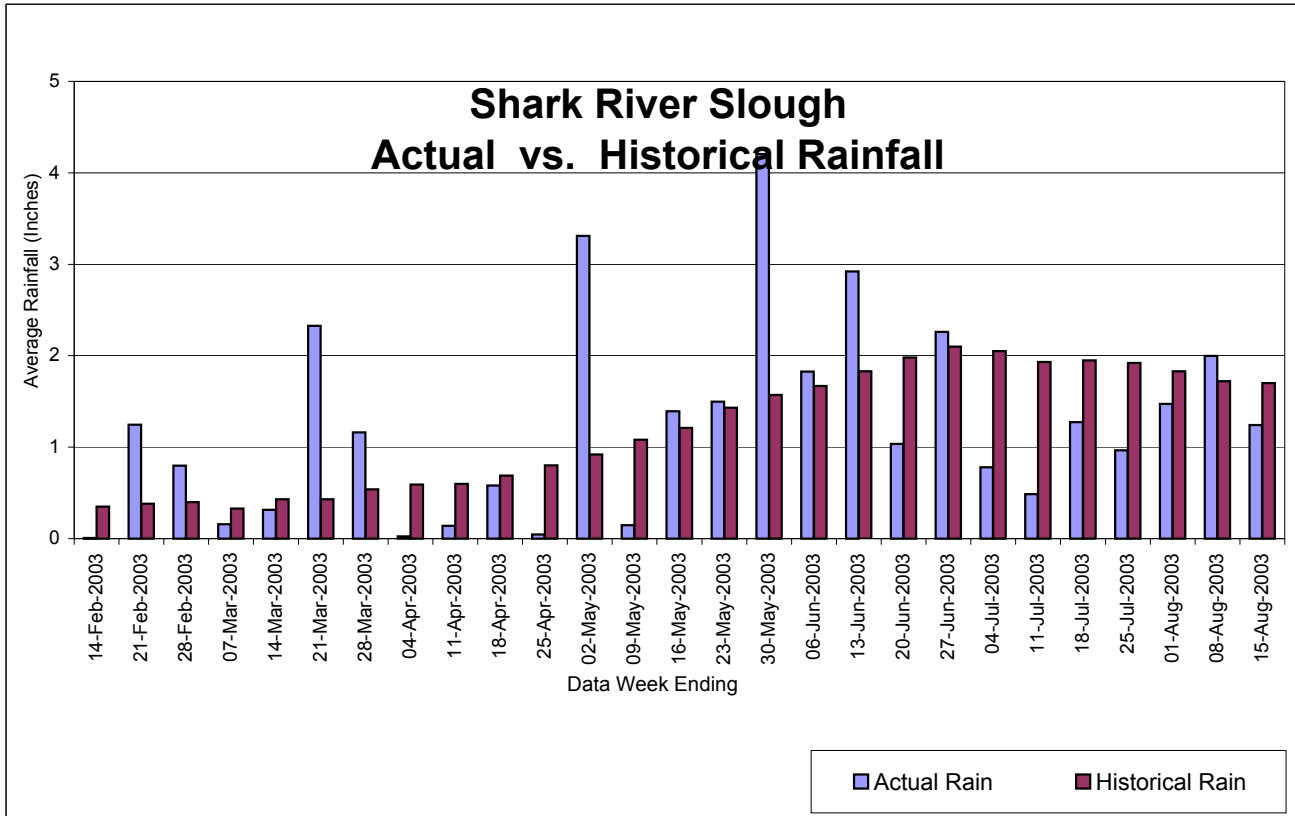
----- **Statistical Parameters** -----

Rainfall Formula Amount 261 cfs
 Last Week's Rainfall Formula 270 cfs
 Pre-Project Mean Discharge 199 cfs

Rainfall Excess Terms
 RL1 -0.30 RL2 -4.10 RL3 -1.38

COMMENT: ENR pan evaporation values are 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 August 26, 2003 to September 1, 2003 MAX cfs

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

----- Data Summary ----- August 15, 2003 to August 22, 2003
 WCA-3A Stage (end of week) 10.83 ft. msl
 Angel's 7.15 ft. msl
 G3273 7.25 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.72	M
S-8	0.74	
S-9	2.33	
S-140	1.87	1.37
S-12D	1.81	
S-336	1.04	
ENP	M	M
Gage 63	2.02	
Gage 64	5.51	
Gage 65	2.56	
This Week's Avg	2.18	1.37
Pre-Project Avg	1.73	1.40

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

WCA-3A is in Zone A

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

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

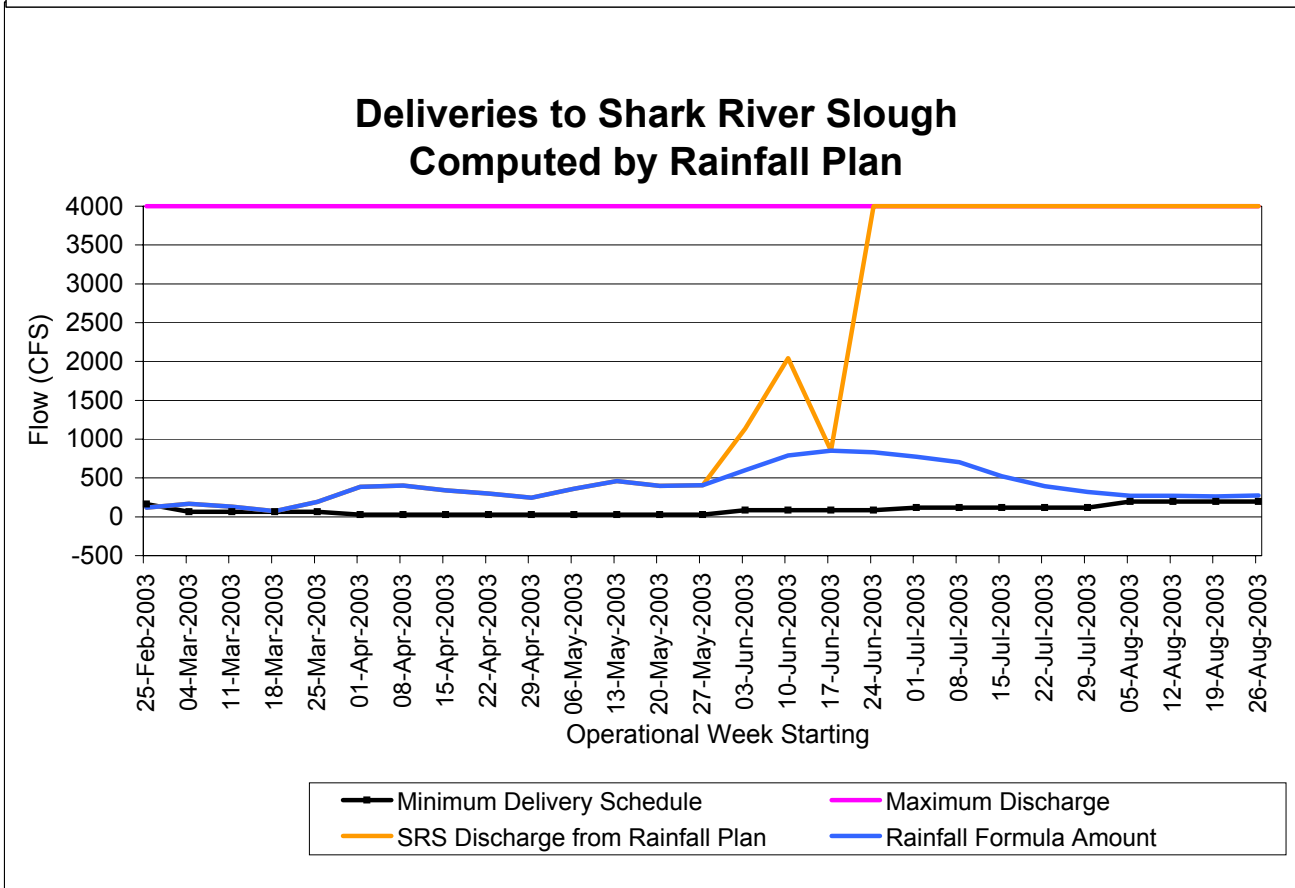
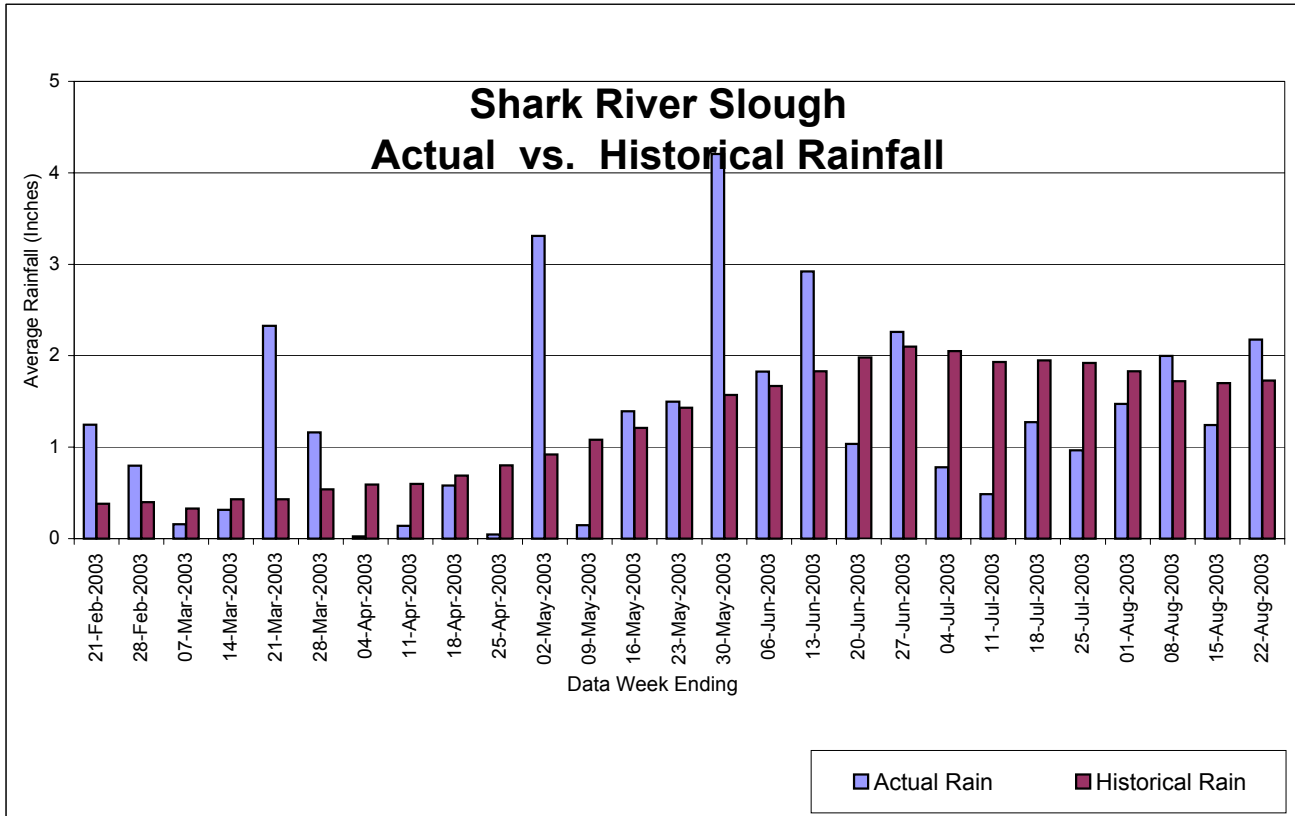
Rainfall Formula Amount 276 cfs
 Last Week's Rainfall Formula 261 cfs
 Pre-Project Mean Discharge 223 cfs

Rainfall Excess Terms

RL1 -0.07	RL2 -2.06	RL3 -4.19
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COMMENT: ENR pan evaporation values are 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 September 2, 2003 to September 8, 2003 MAX cfs

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

----- Data Summary ----- August 22, 2003 to August 29, 2003
 WCA-3A Stage (end of week) 10.95 ft. msl
 Angel's 7.21 ft. msl
 G3273 7.26 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.86	M
S-8	0.14	
S-9	0.98	
S-140	0.12	1.52
S-12D	1.25	
S-336	2.63	
ENP	0.23	1.00
Gage 63	0.15	
Gage 64	2.76	
Gage 65	1.98	
This Week's Avg	1.21	1.26
Pre-Project Avg	1.89	1.36

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

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.36 feet
 Distance to Bottom of Regulatory Zone -0.36 feet

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

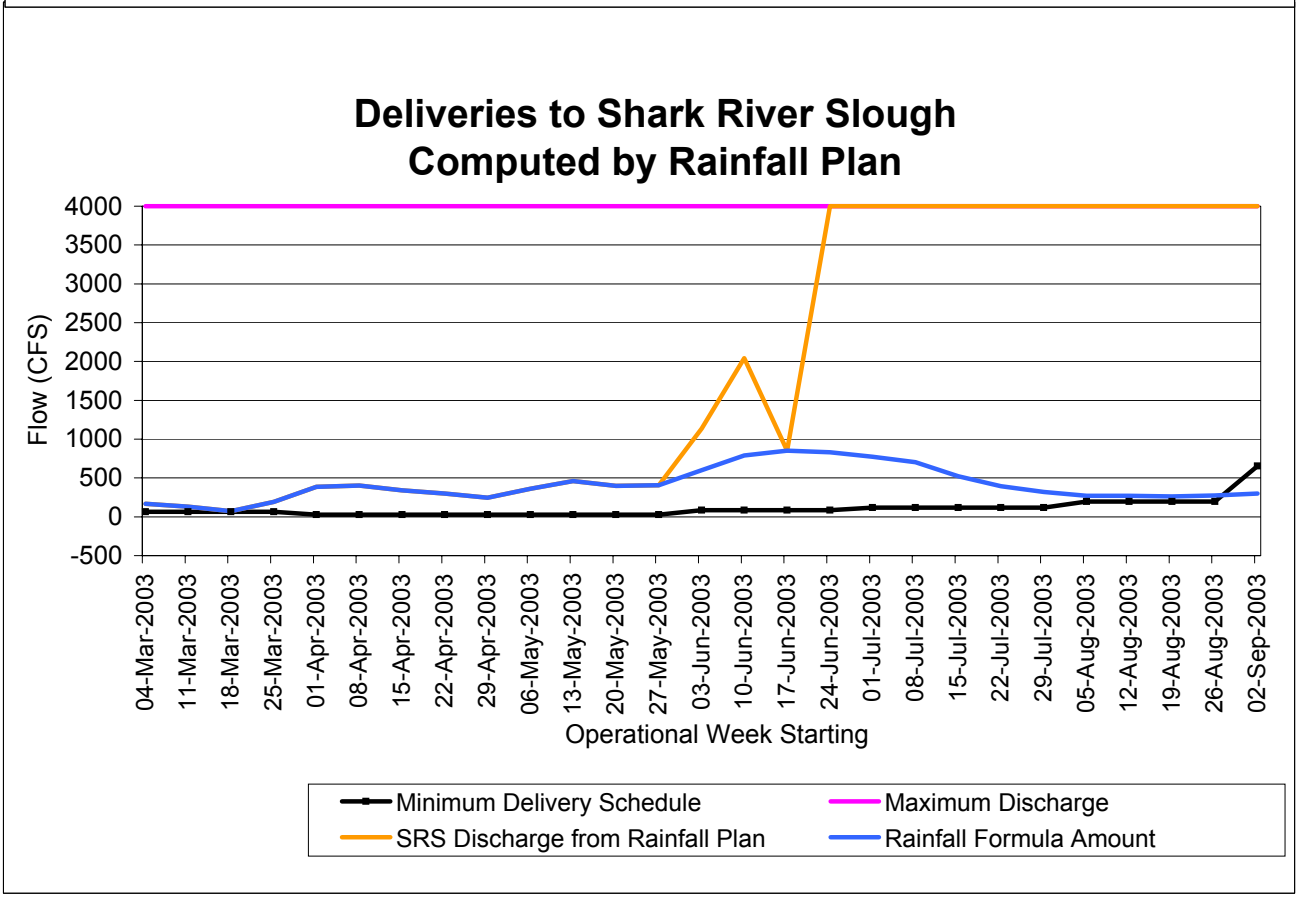
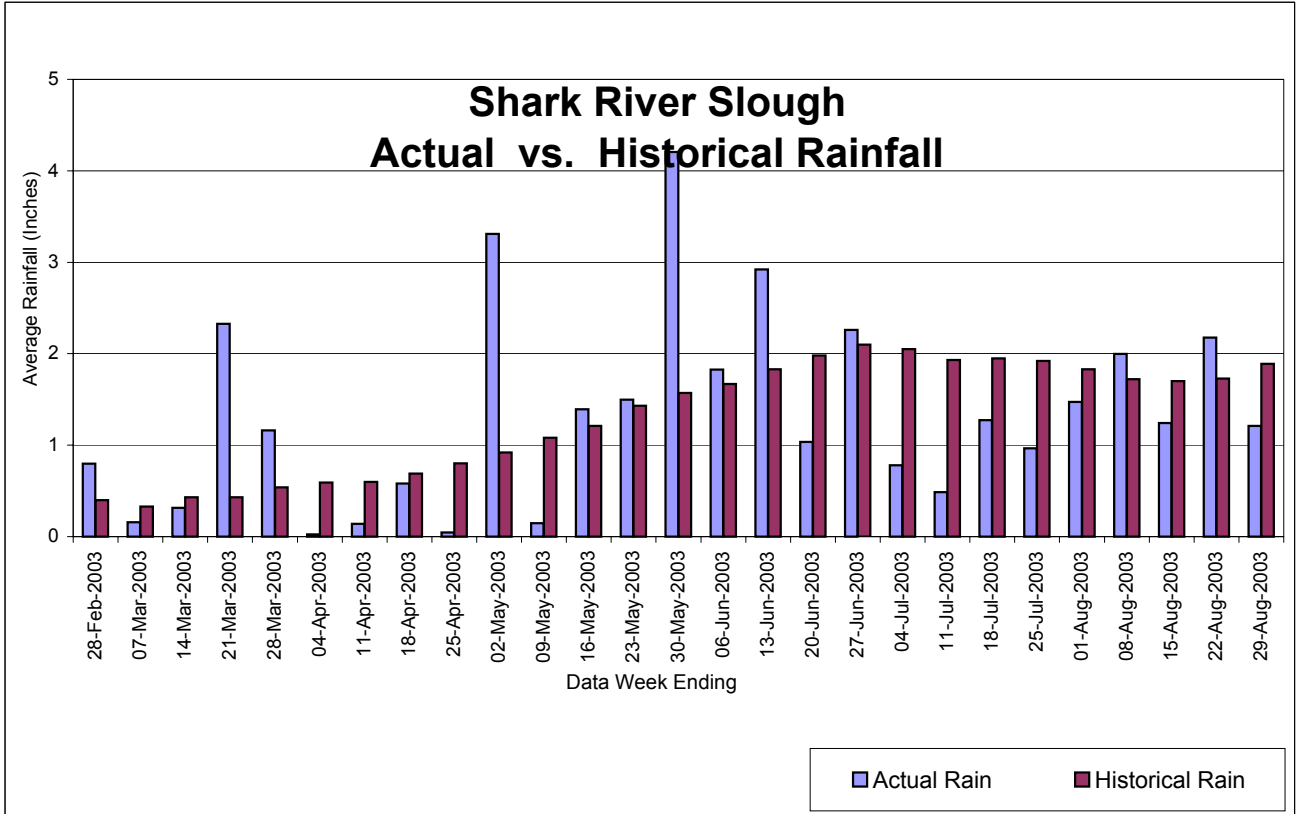
Rainfall Formula Amount 297 cfs
 Last Week's Rainfall Formula 276 cfs
 Pre-Project Mean Discharge 257 cfs

Rainfall Excess Terms

RL1 -0.13 RL2 -1.71 RL3 -3.96

COMMENT: ENR pan evaporation values are 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 September 9, 2003 to September 15, 2003 **MAX** cfs

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

----- **Data Summary** ----- **August 29, 2003** to **September 5, 2003**
 WCA-3A Stage (end of week) **11.11** ft. msl
 Angel's **7.17** ft. msl
 G3273 **7.31** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.91	1.37
S-8	1.46	
S-9	M	
S-140	1.18	1.59
S-12D	1.36	
S-336	2.11	
ENP	M	M
Gage 63	1.67	
Gage 64	2.04	
Gage 65	2.44	
This Week's Avg	1.77	1.48
Pre-Project Avg	1.90	1.34

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

WCA-3A is in Zone A

Supplemental discharge is **MAX** cfs
 Distance to Bottom of Transition Zone **-1.48** feet
 Distance to Bottom of Regulatory Zone **-0.48** feet

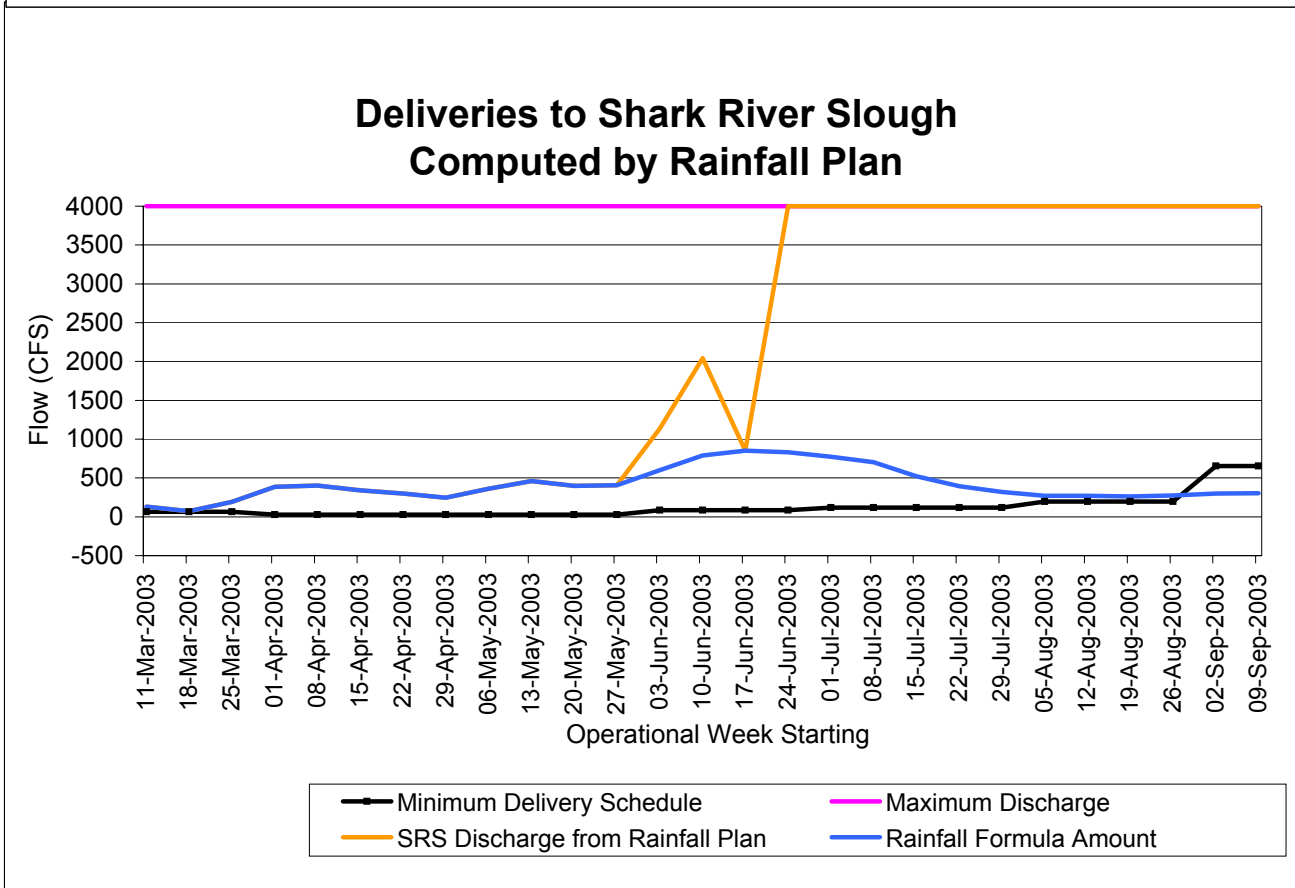
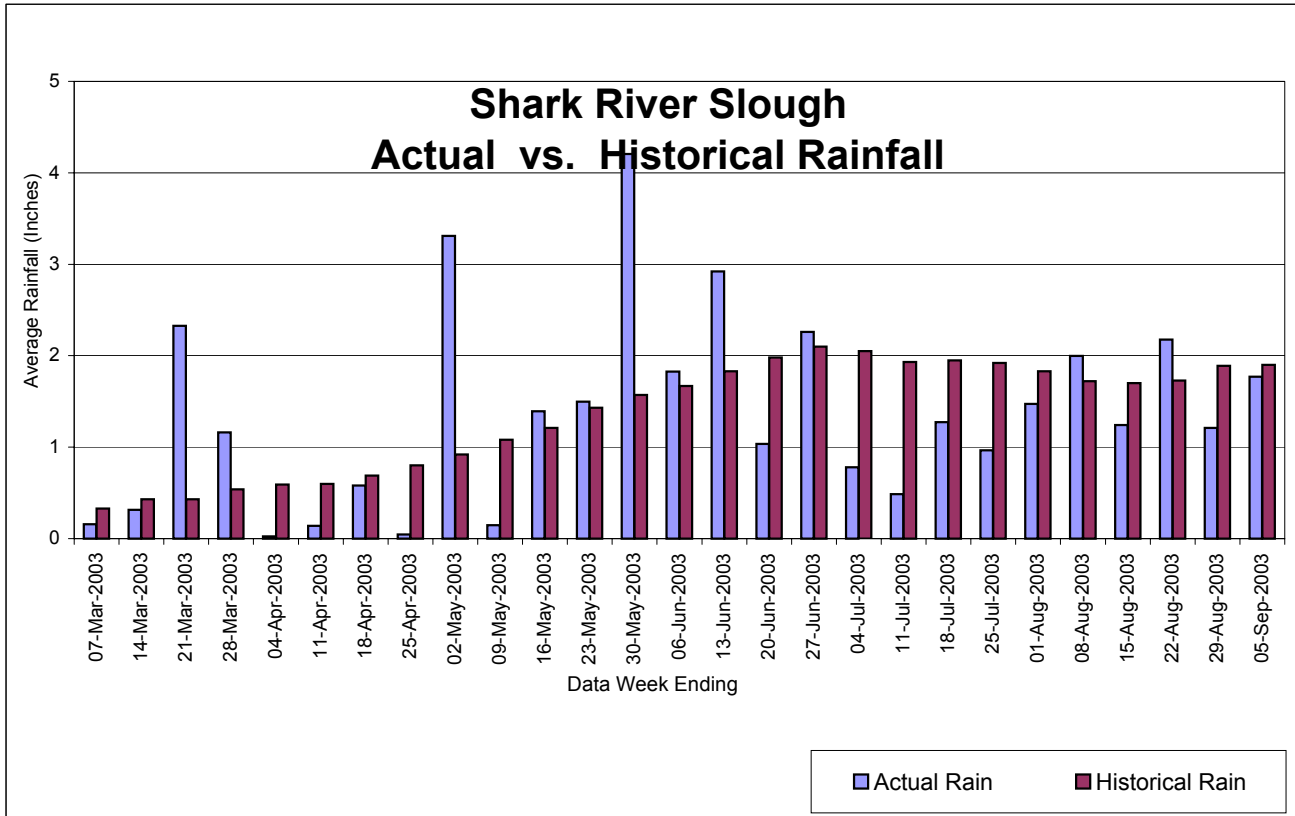
----- Statistical Parameters -----

Rainfall Formula Amount **304** cfs
 Last Week's Rainfall Formula **297** cfs
 Pre-Project Mean Discharge **310** cfs

Rainfall Excess Terms
 RL1 **-0.84** RL2 **-0.17** RL3 **-5.10**

COMMENT: ENR pan evaporation values are 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 September 16, 2003 to September 22, 2003 **MAX** cfs

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

----- **Data Summary** ----- **September 5, 2003 to September 12, 2003**
 WCA-3A Stage (end of week) **11.19** ft. msl
 Angel's **7.14** ft. msl
 G3273 **7.27** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.41	1.09
S-8	0.83	
S-9	M	
S-140	0.86	1.57
S-12D	1.07	
S-336	2.81	
ENP	M	1.49
Gage 63	1.48	
Gage 64	1.74	
Gage 65	0.85	
This Week's Avg	1.26	1.38
Pre-Project Avg	2.00	1.31

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

WCA-3A is in Zone A

Supplemental discharge is **MAX** cfs
 Distance to Bottom of Transition Zone **-1.51** feet
 Distance to Bottom of Regulatory Zone **-0.51** feet

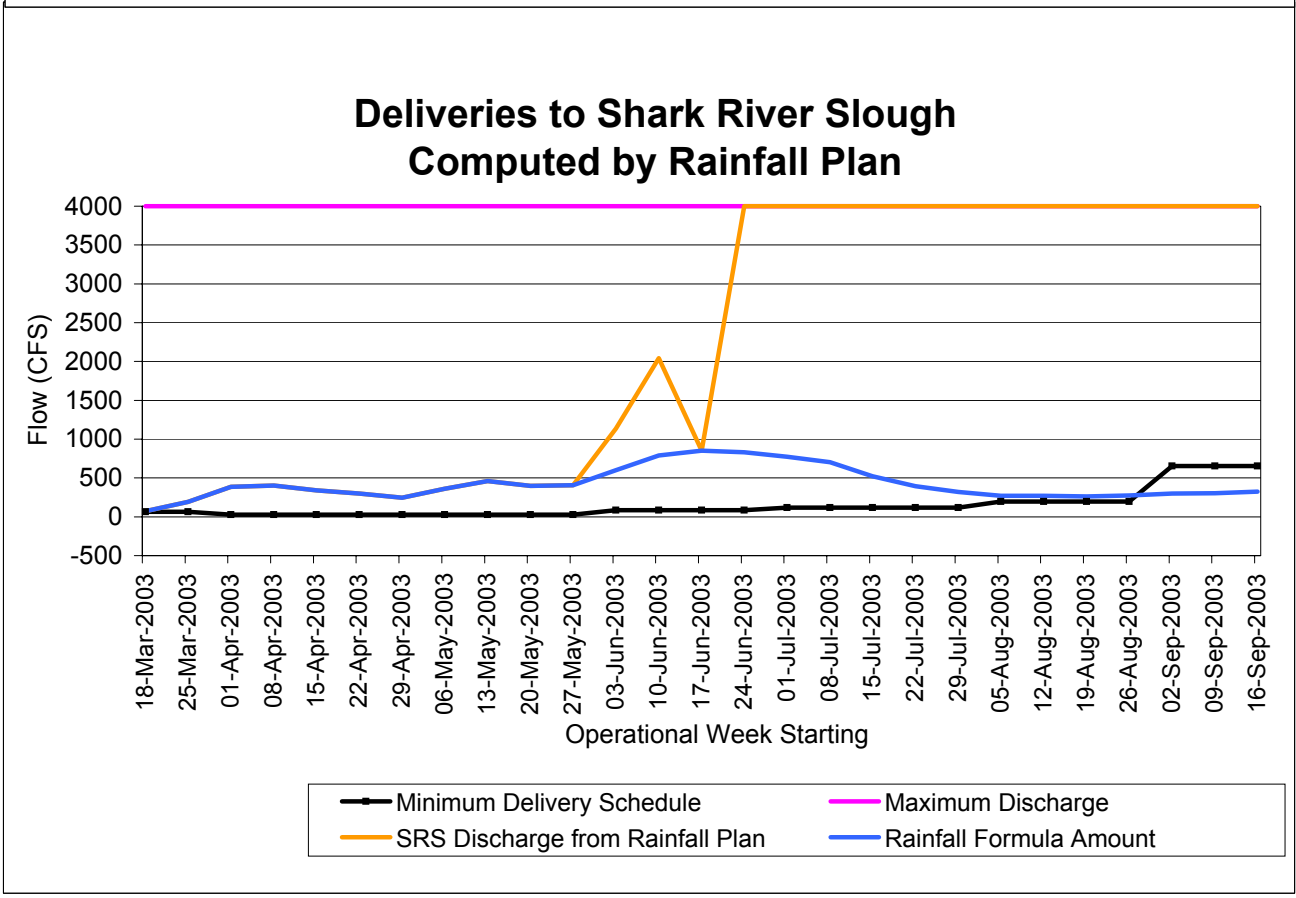
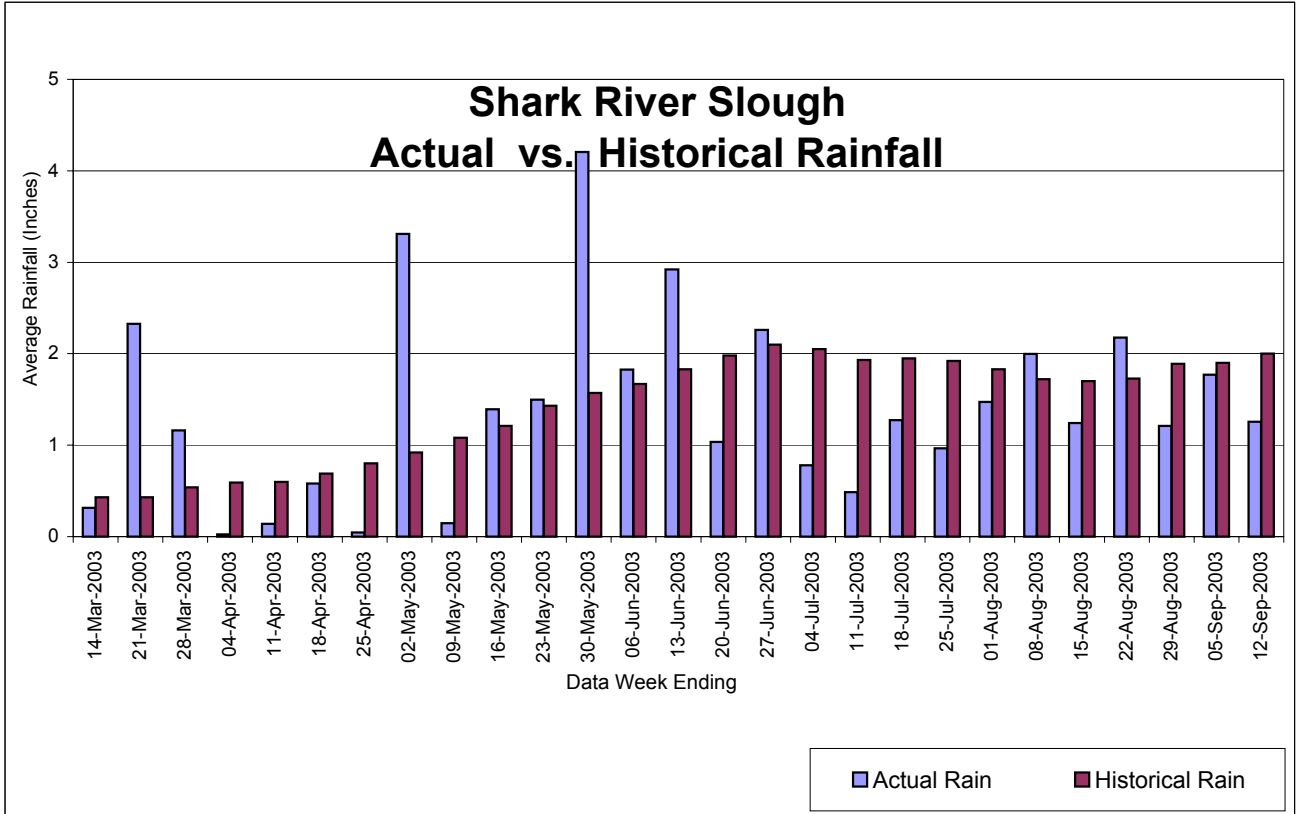
----- **Statistical Parameters** -----

Rainfall Formula Amount **324** cfs
 Last Week's Rainfall Formula **304** cfs
 Pre-Project Mean Discharge **385** cfs

Rainfall Excess Terms
 RL1 **-1.04** RL2 **-0.42** RL3 **-4.10**

COMMENT:

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



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow September 23, 2003 to September 29, 2003 **MAX** cfs

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

----- **Data Summary** ----- **September 12, 2003 to September 19, 2003**
 WCA-3A Stage (end of week) **11.20** ft. msl
 Angel's **7.12** ft. msl
 G3273 **7.31** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.60	1.38
S-8	1.43	
S-9	0.22	
S-140	2.68	M
S-12D	1.32	
S-336	0.15	
ENP	0.22	1.15
Gage 63	0.47	
Gage 64	0.39	
Gage 65	1.32	
This Week's Avg	0.88	1.27
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 -1.47 feet
 Distance to Bottom of Regulatory Zone -0.47 feet

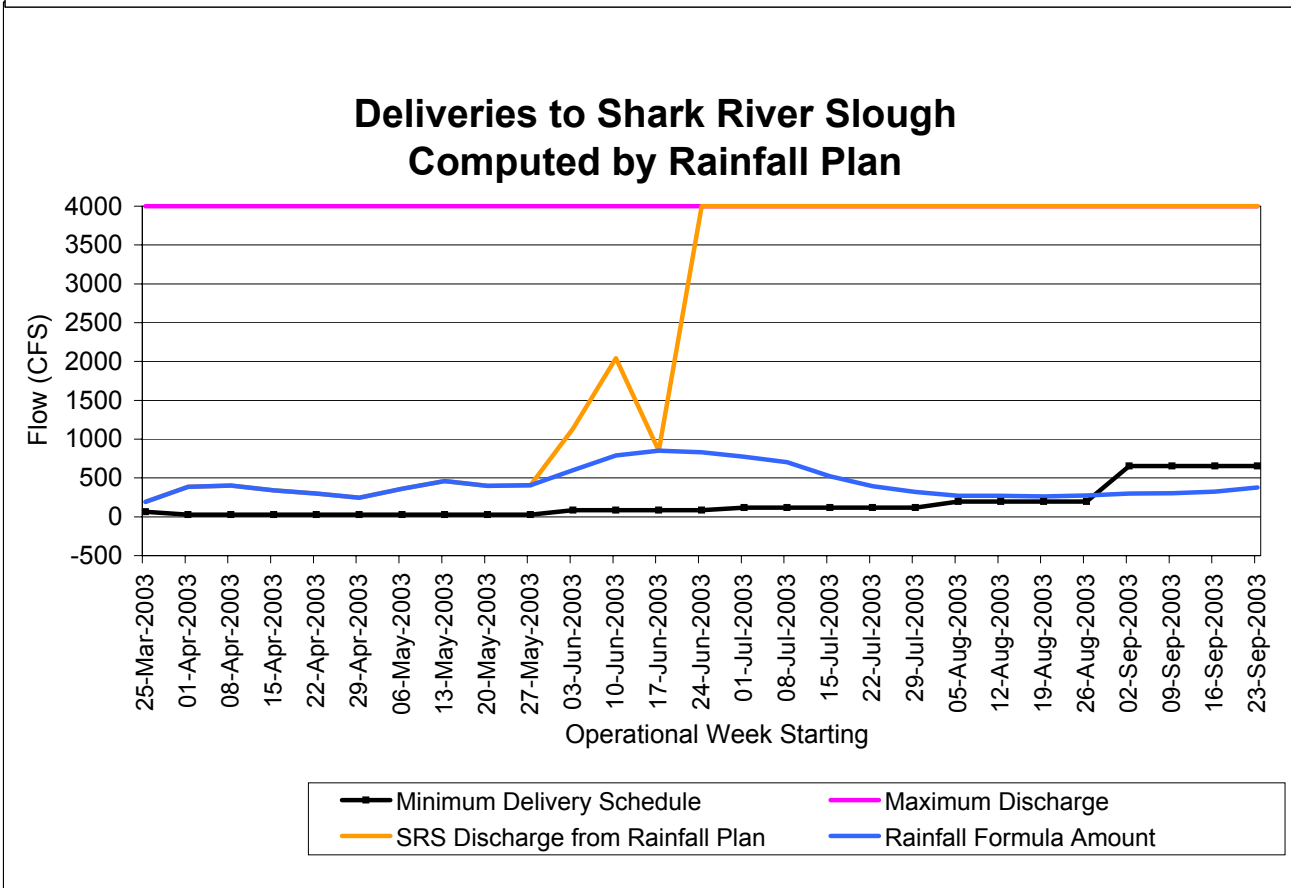
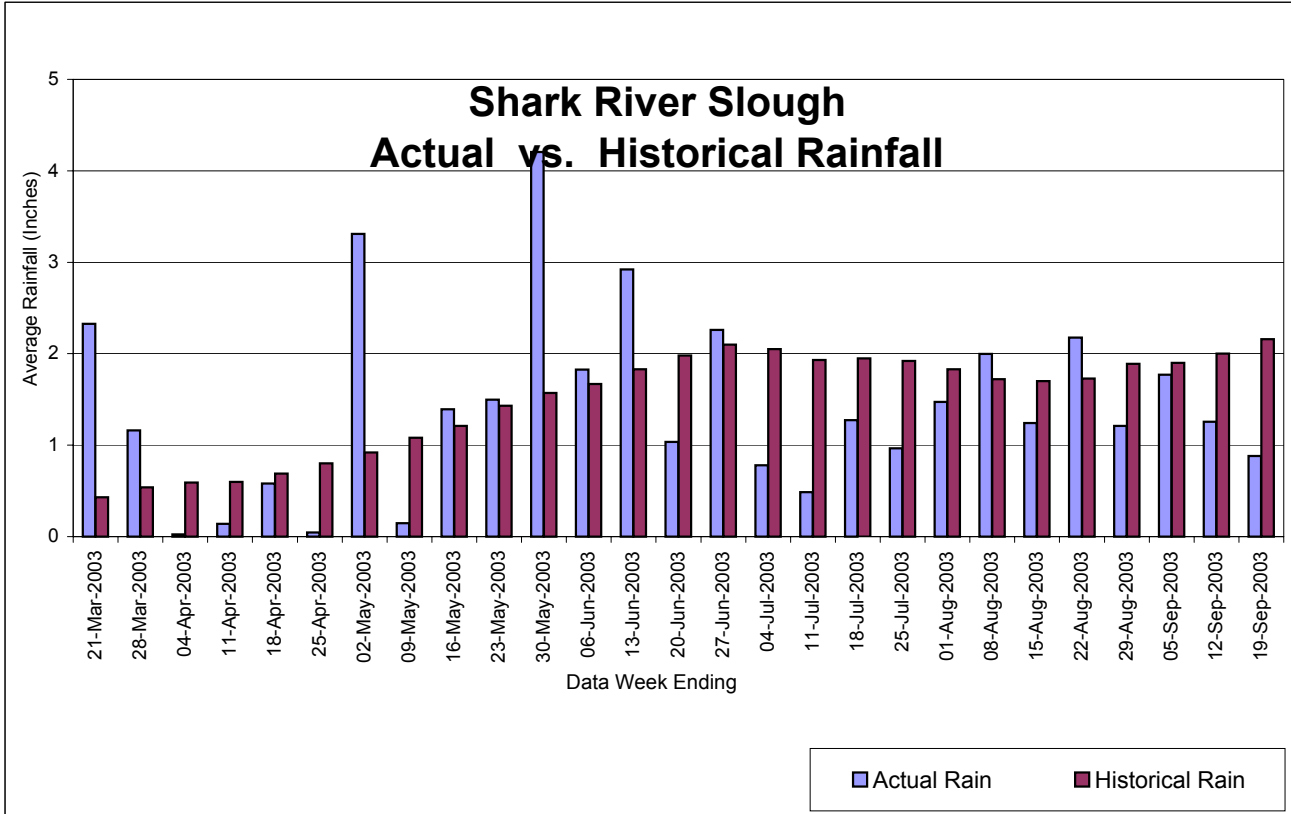
----- **Statistical Parameters** -----

Rainfall Formula Amount **377** cfs
 Last Week's Rainfall Formula **324** cfs
 Pre-Project Mean Discharge **540** cfs

Rainfall Excess Terms
 RL1 **-2.08** RL2 **-0.91** RL3 **-2.06**

COMMENT: S-7 and ENP Data only used. S-140 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 September 30, 2003 to October 6, 2003 **MAX** cfs

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

----- **Data Summary** ----- **September 19, 2003 to September 26, 2003**
 WCA-3A Stage (end of week) **11.28** ft. msl
 Angel's **7.23** ft. msl
 G3273 **7.36** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.79	1.06
S-8	1.71	
S-9	0.74	
S-140	1.80	1.63
S-12D	2.31	
S-336	1.11	
ENP	M	M
Gage 63	0.59	
Gage 64	1.98	
Gage 65	4.48	
This Week's Avg	1.72	1.35
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 **-1.51** feet
 Distance to Bottom of Regulatory Zone **-0.53** feet

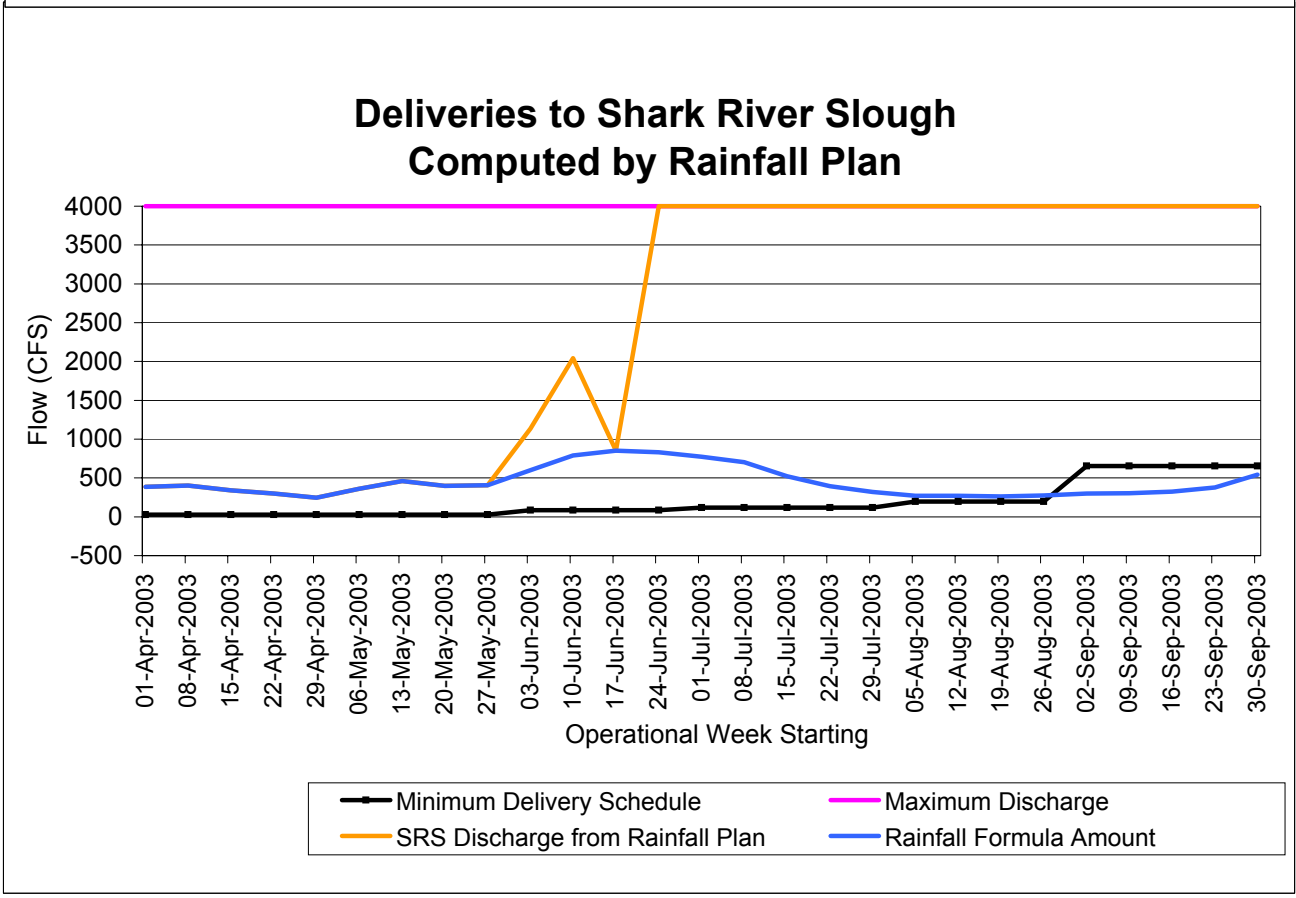
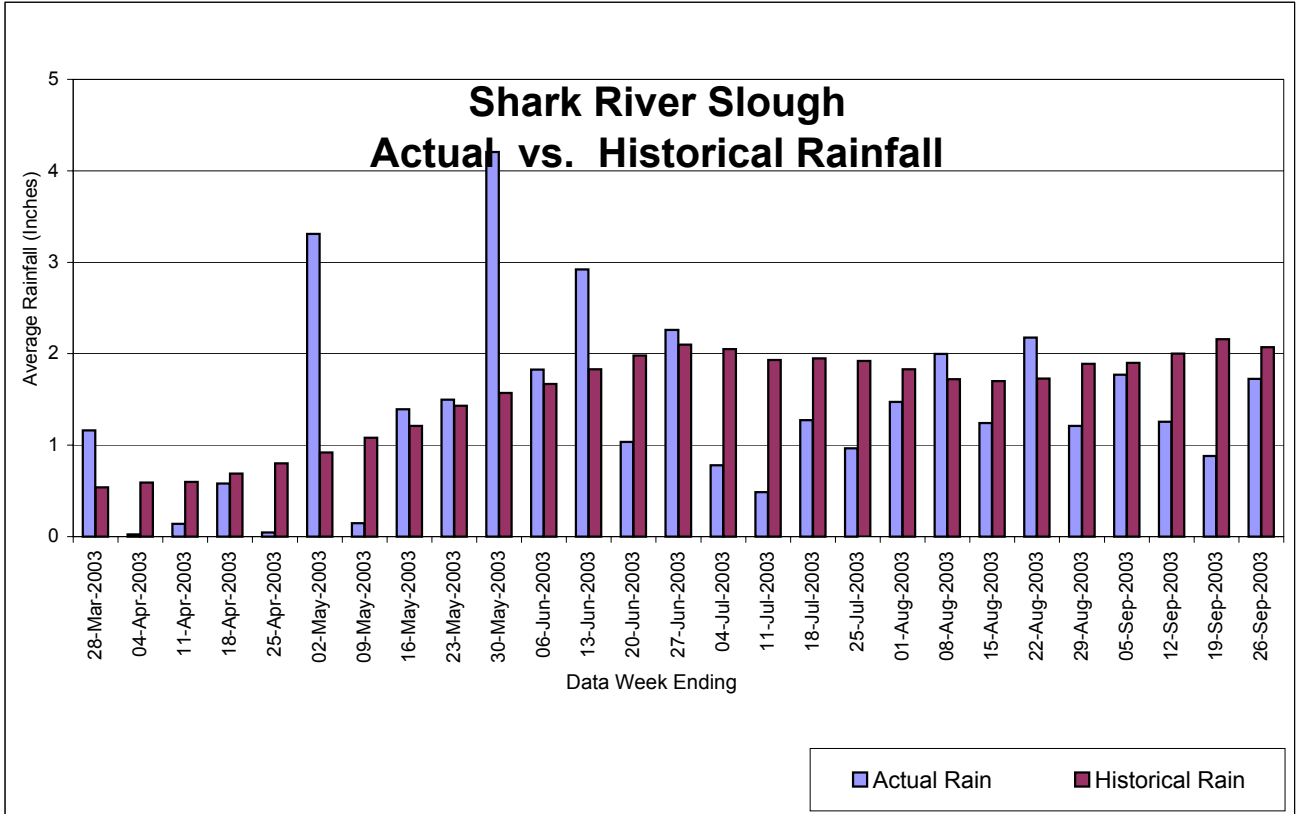
----- **Statistical Parameters** -----

Rainfall Formula Amount **542** cfs
 Last Week's Rainfall Formula **377** cfs
 Pre-Project Mean Discharge **779** cfs

Rainfall Excess Terms
RL1 **-1.70** RL2 **-1.17** RL3 **-1.71**

COMMENT: S-7 and S-140 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 **October 7, 2003** to **October 13, 2003** **MAX** cfs

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

----- **Data Summary** ----- **September 26, 2003** to **October 3, 2003**
 WCA-3A Stage (end of week) 11.51 ft. msl
 Angel's 7.53 ft. msl
 G3273 7.56 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.48	1.24
S-8	2.36	
S-9	5.01	
S-140	2.30	1.27
S-12D	2.94	
S-336	2.22	
ENP	M	M
Gage 63	2.45	
Gage 64	3.12	
Gage 65	6.30	
This Week's Avg	3.13	1.26
Pre-Project Avg	1.88	1.21

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

WCA-3A is in Zone A

Supplemental discharge is MAX cfs
 Distance to Bottom of Transition Zone -1.69 feet
 Distance to Bottom of Regulatory Zone -0.76 feet

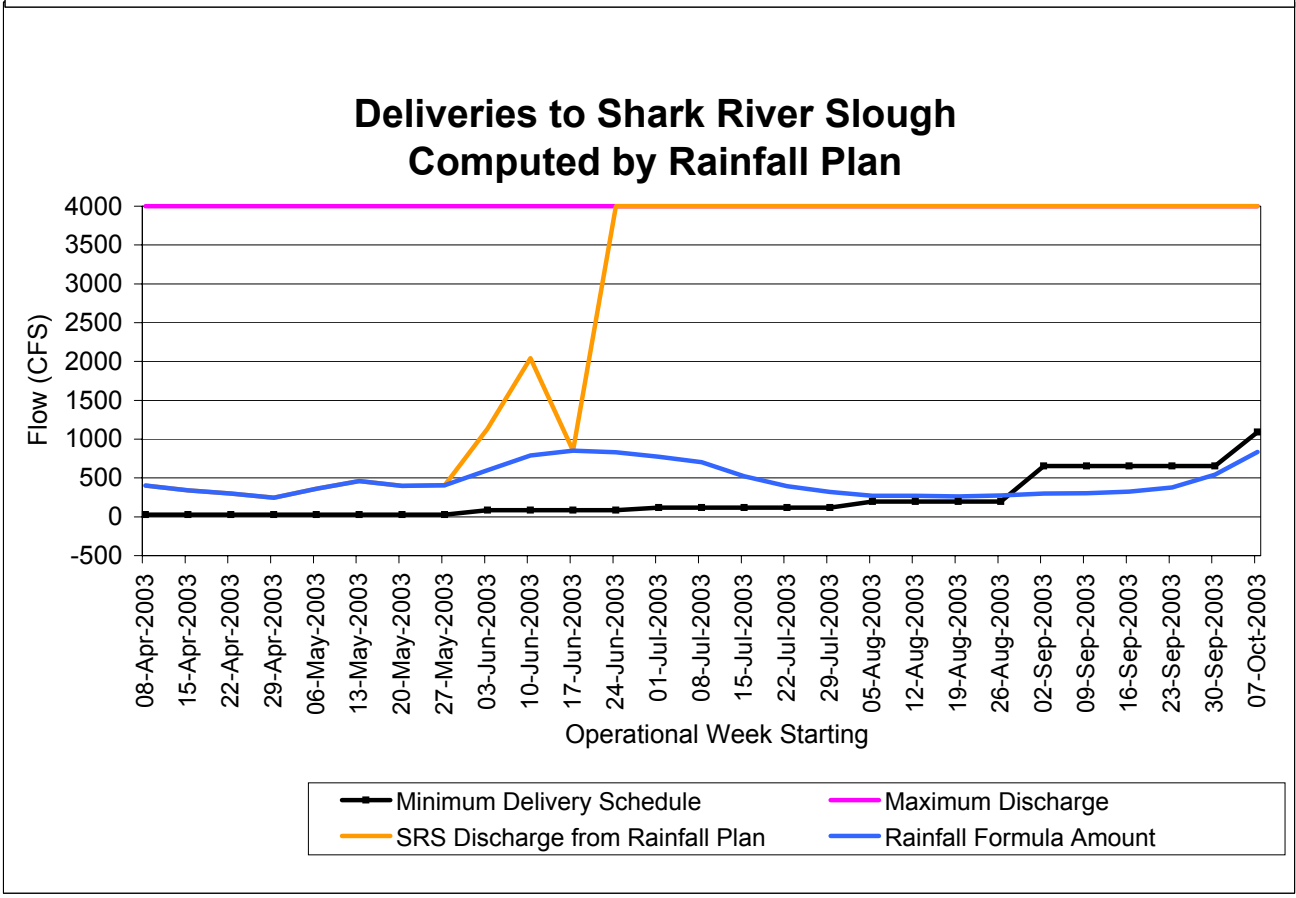
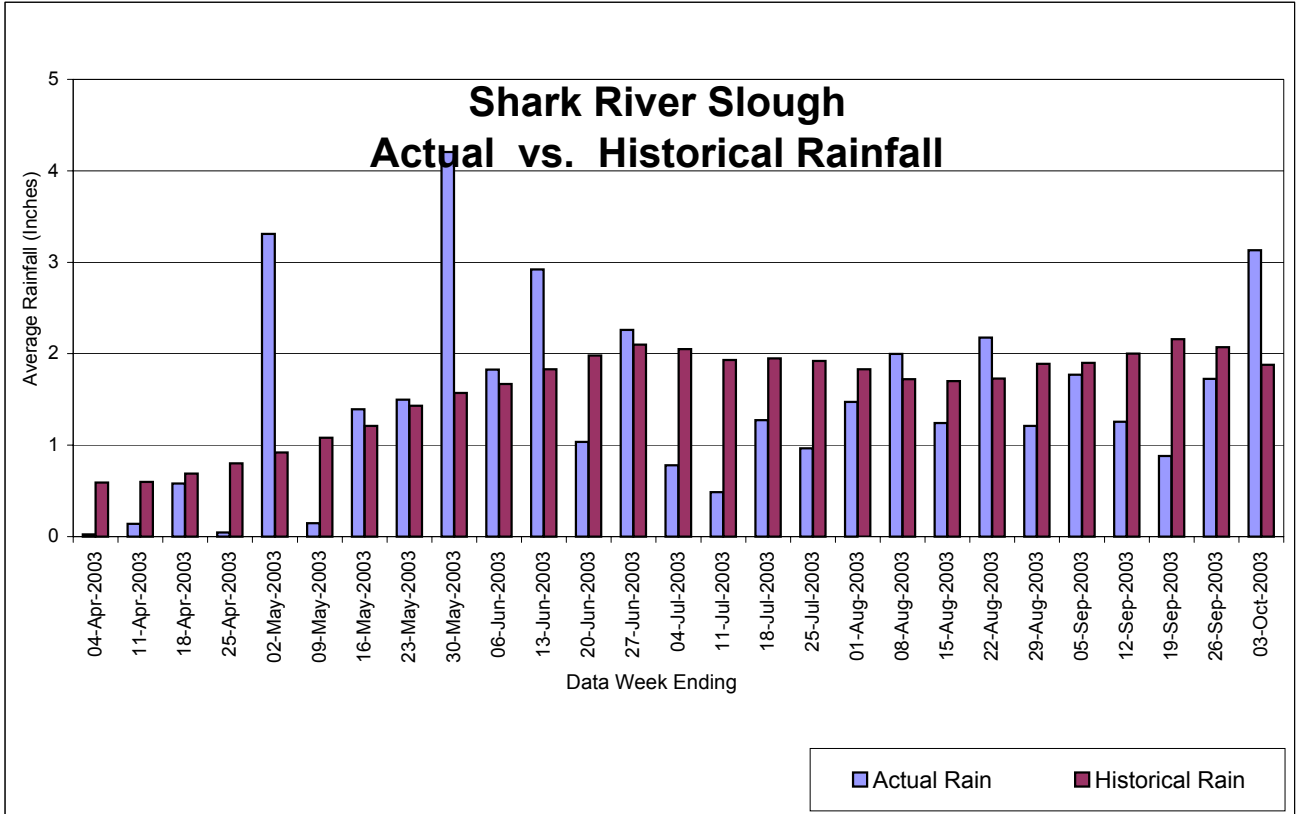
----- **Statistical Parameters** -----

Rainfall Formula Amount 836 cfs
 Last Week's Rainfall Formula 542 cfs
 Pre-Project Mean Discharge 995 cfs

Rainfall Excess Terms
 RL1 0.79 RL2 -2.92 RL3 -0.17

COMMENT: S-7 and S-140 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 **October 14, 2003** to **October 20, 2003** **MAX** cfs

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

----- **Data Summary** ----- **October 3, 2003** to **October 10, 2003**
 WCA-3A Stage (end of week) 11.39 ft. msl
 Angel's 7.30 ft. msl
 G3273 7.41 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.23
S-8	0.00	
S-9	0.00	
S-140	0.01	1.43
S-12D	M	
S-336	0.00	
ENP	0.00	1.06
Gage 63	M	
Gage 64	0.01	
Gage 65	0.00	
This Week's Avg	0.00	1.24
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 -1.53 feet
 Distance to Bottom of Regulatory Zone -0.64 feet

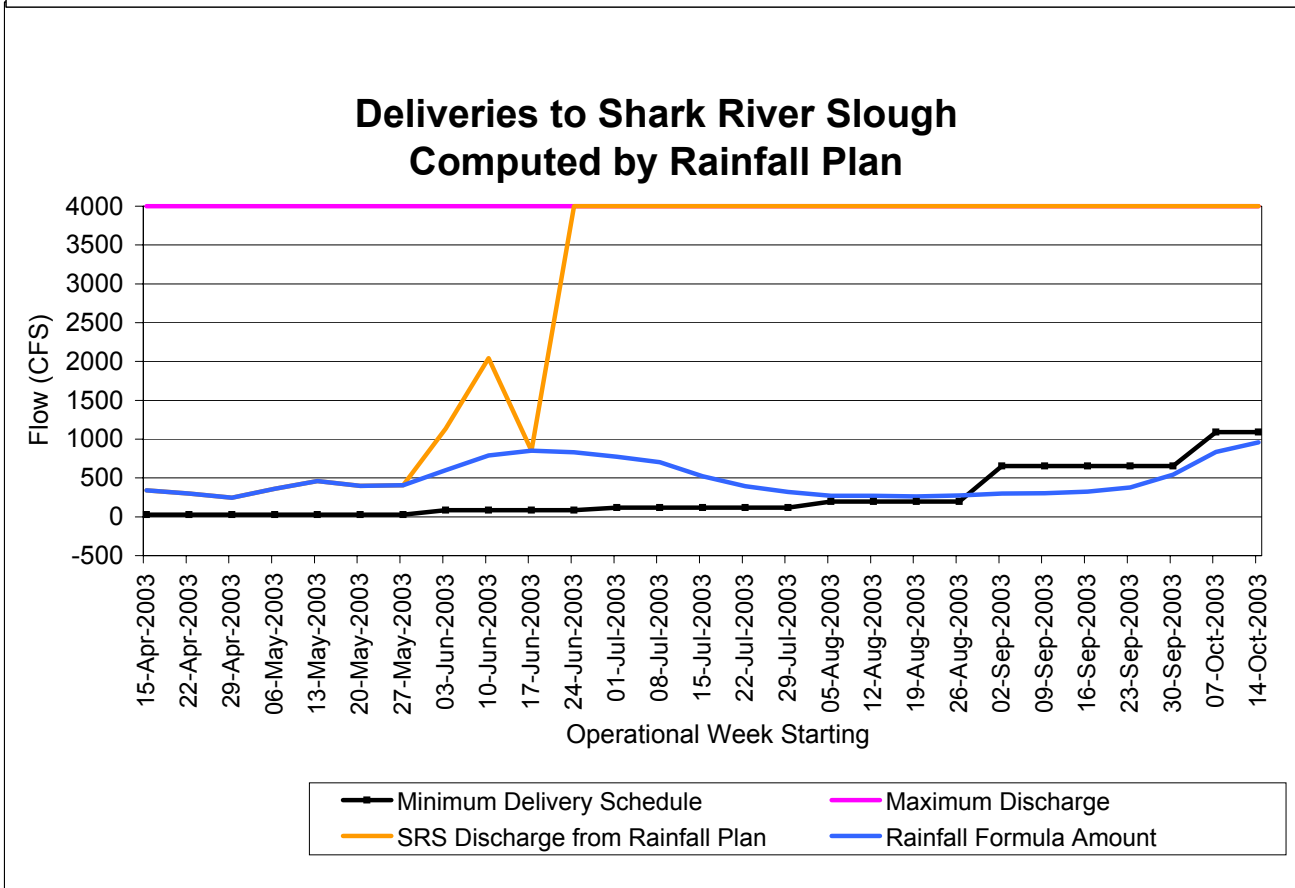
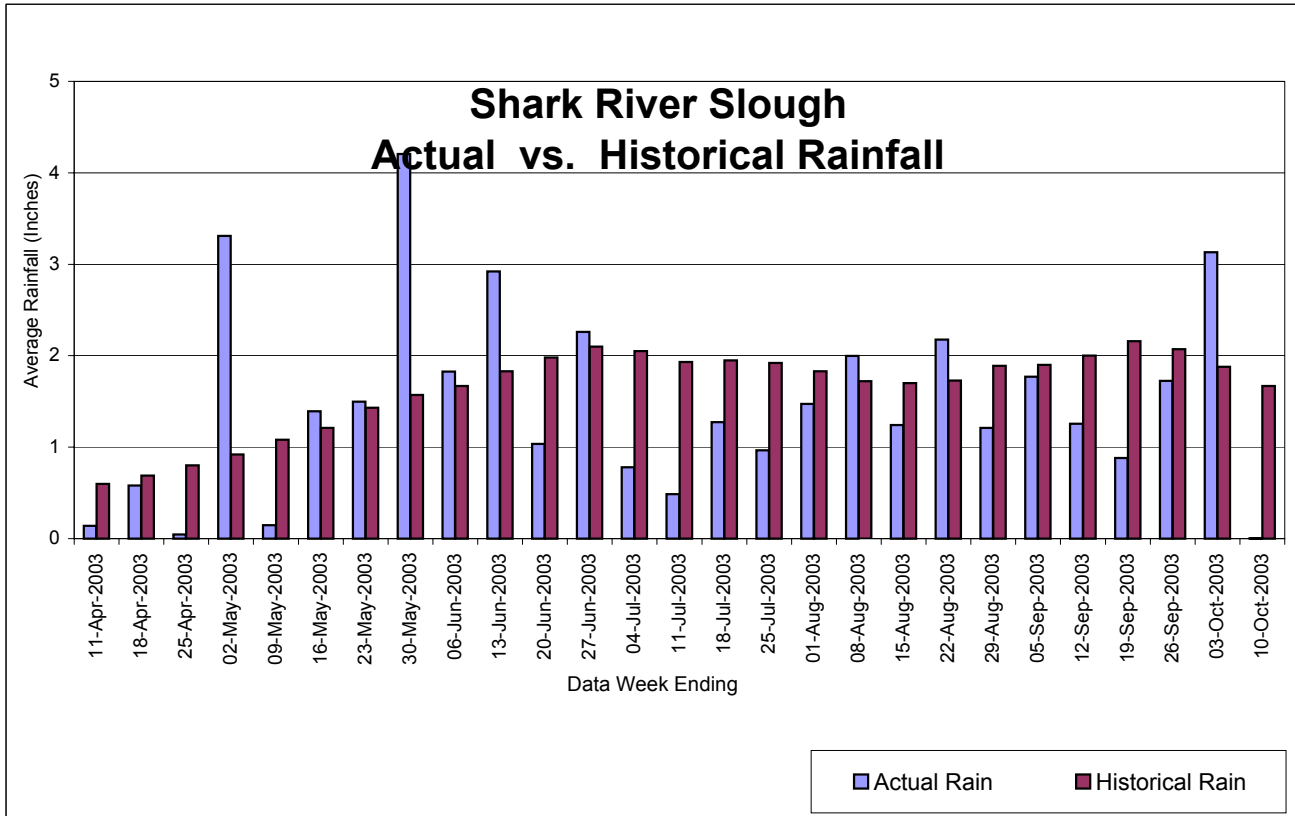
----- **Statistical Parameters** -----

Rainfall Formula Amount 959 cfs
 Last Week's Rainfall Formula 836 cfs
 Pre-Project Mean Discharge 1130 cfs

Rainfall Excess Terms
 RL1 -0.52 RL2 -2.74 RL3 -0.42

COMMENT:

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



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow **October 21, 2003** to **October 27, 2003** **MAX** cfs

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

----- **Data Summary** ----- **October 10, 2003** to **October 17, 2003**
 WCA-3A Stage (end of week) 11.27 ft. msl
 Angel's 7.11 ft. msl
 G3273 7.31 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.68	1.56
S-8	0.22	
S-9	0.01	
S-140	0.67	1.54
S-12D	M	
S-336	0.00	
ENP	1.72	M
Gage 63	M	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.55	1.55
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 -1.36 feet
 Distance to Bottom of Regulatory Zone -0.52 feet

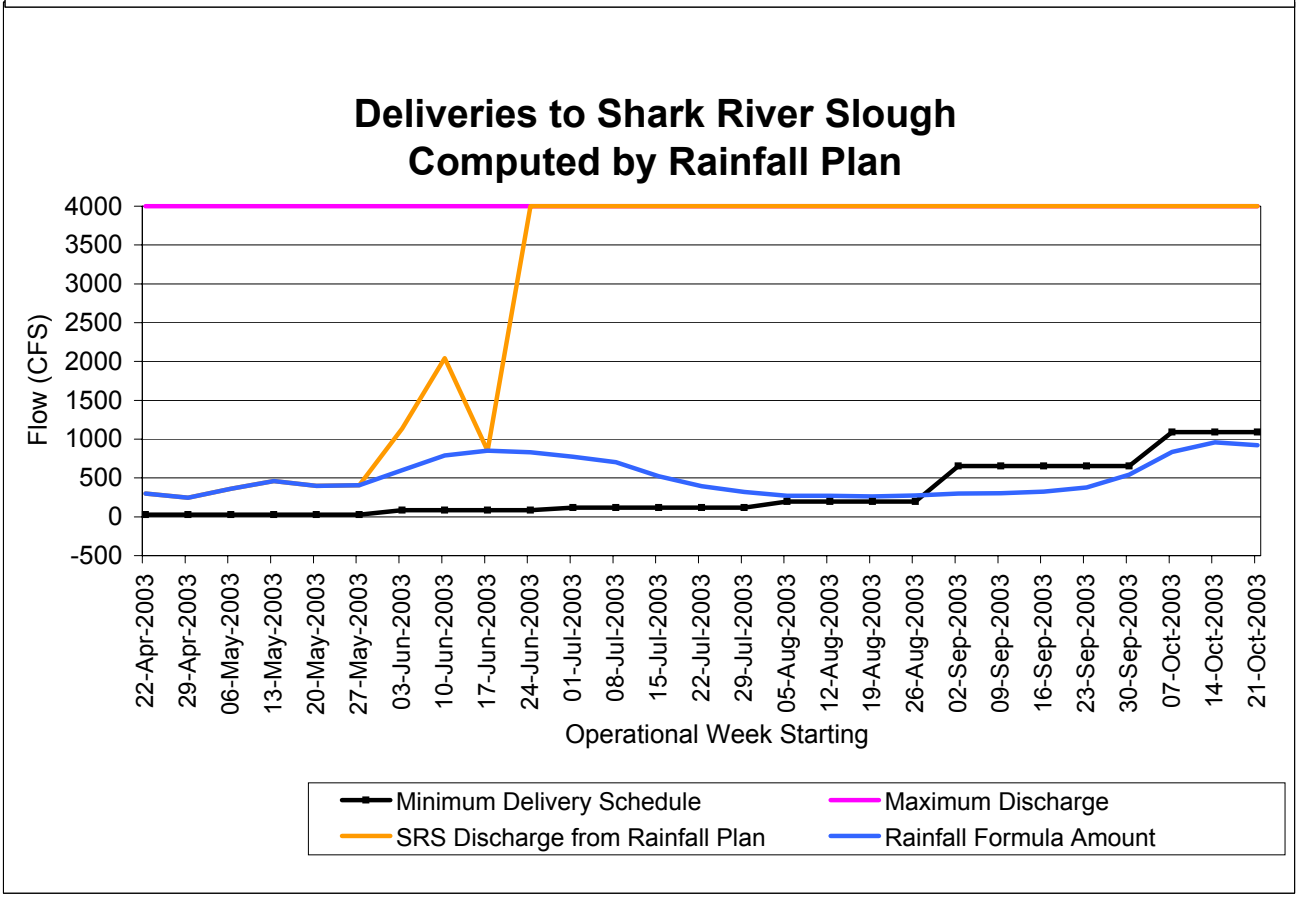
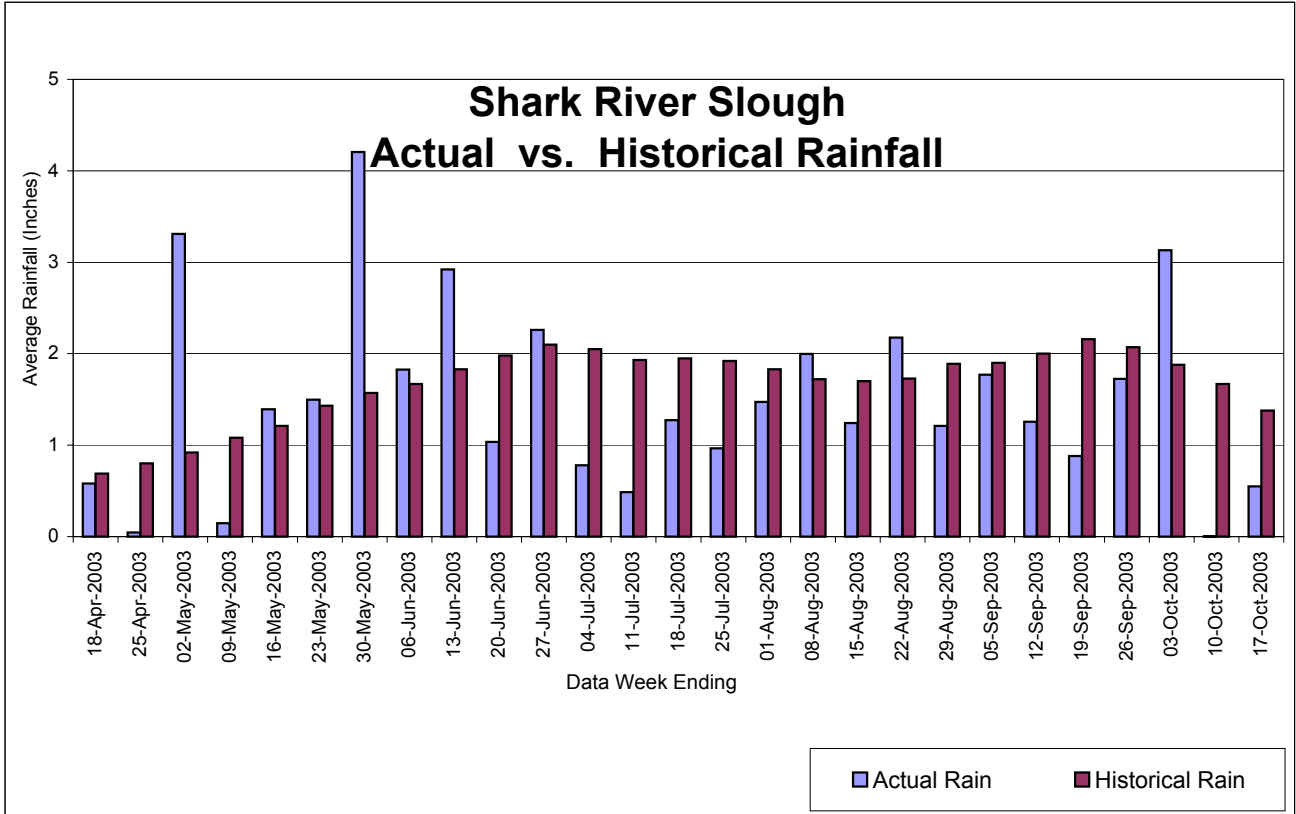
----- **Statistical Parameters** -----

Rainfall Formula Amount 922 cfs
 Last Week's Rainfall Formula 959 cfs
 Pre-Project Mean Discharge 1229 cfs

Rainfall Excess Terms
 RL1 -2.91 RL2 -1.29 RL3 -0.91

COMMENT: ENP Pan Evaporation is missing. S-140 and 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 **October 28, 2003** to **November 3, 2003** **MAX** cfs

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

----- **Data Summary** ----- **October 17, 2003** to **October 24, 2003**
 WCA-3A Stage (end of week) 11.14 ft. msl
 Angel's 6.82 ft. msl
 G3273 7.18 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	1.21
S-8	0.04	
S-9	0.00	
S-140	0.00	1.31
S-12D	0.00	
S-336	0.01	
ENP	M	M
Gage 63	0.00	
Gage 64	0.01	
Gage 65	0.01	
This Week's Avg	0.01	1.26
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 -1.19 feet
 Distance to Bottom of Regulatory Zone -0.39 feet

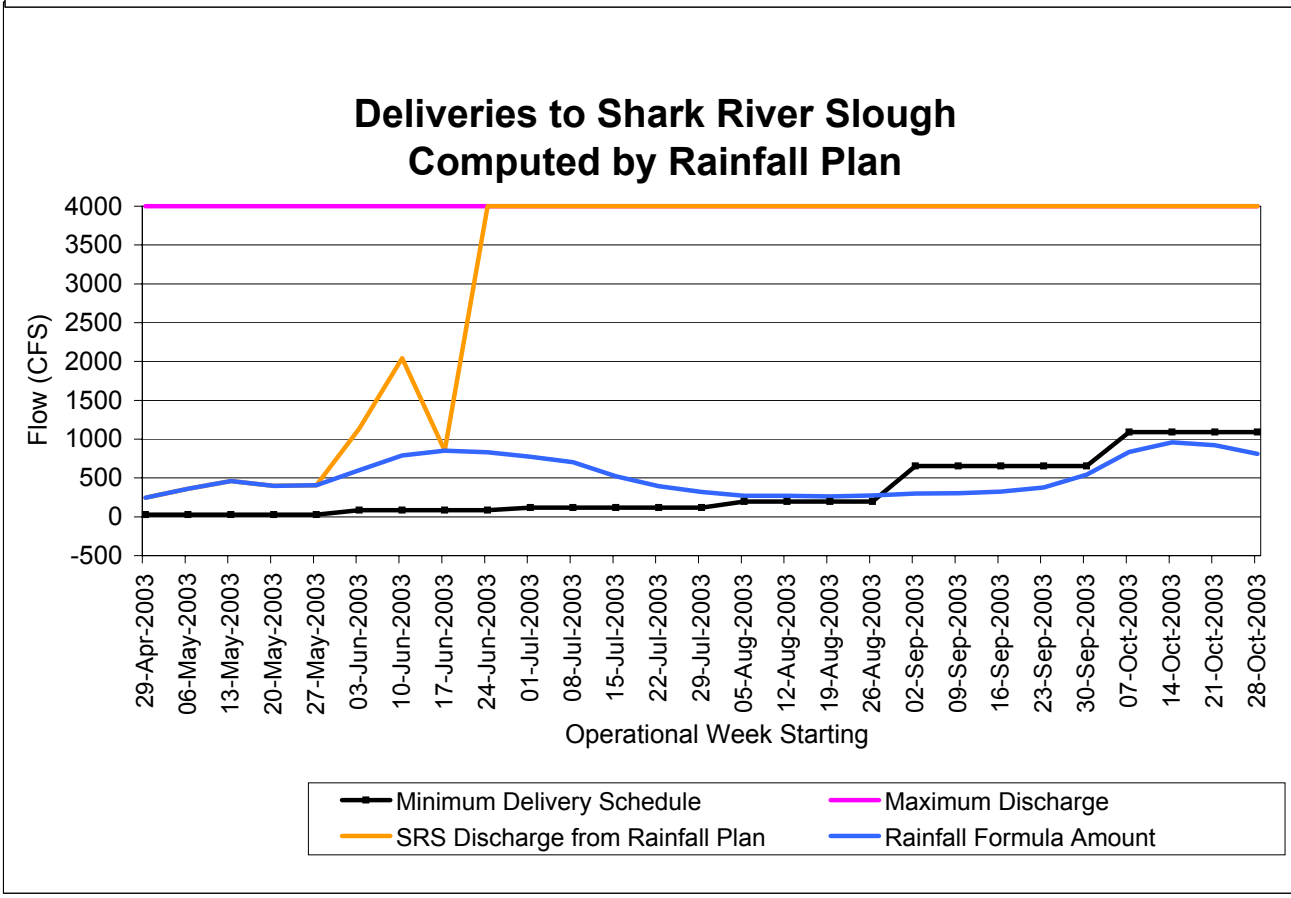
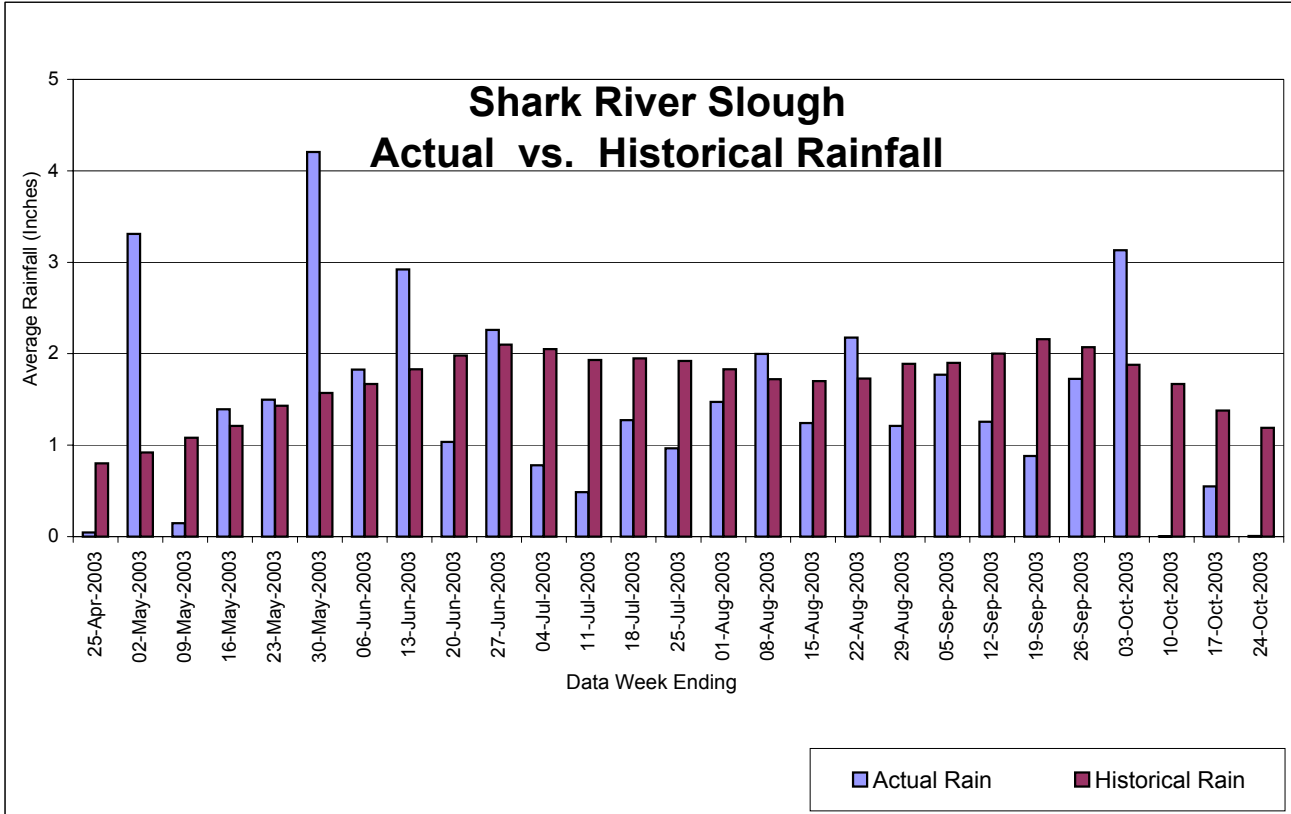
----- **Statistical Parameters** -----

Rainfall Formula Amount 810 cfs
 Last Week's Rainfall Formula 922 cfs
 Pre-Project Mean Discharge 1220 cfs

Rainfall Excess Terms
 RL1 -2.52 RL2 -2.21 RL3 -1.17

COMMENT: ENP Pan Evaporation is missing. S-140 and 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 November 4, 2003 to November 10, 2003 **MAX** cfs

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

----- Data Summary ----- October 24, 2003 to **October 31, 2003**
 WCA-3A Stage (end of week) 11.08 ft. msl
 Angel's 6.65 ft. msl
 G3273 7.12 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.37	1.21
S-8	0.54	
S-9	1.23	
S-140	0.46	1.27
S-12D	0.55	
S-336	0.49	
ENP	M	M
Gage 63	1.13	
Gage 64	M	
Gage 65	M	
This Week's Avg	0.68	1.24
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 -1.08 feet
 Distance to Bottom of Regulatory Zone -0.33 feet

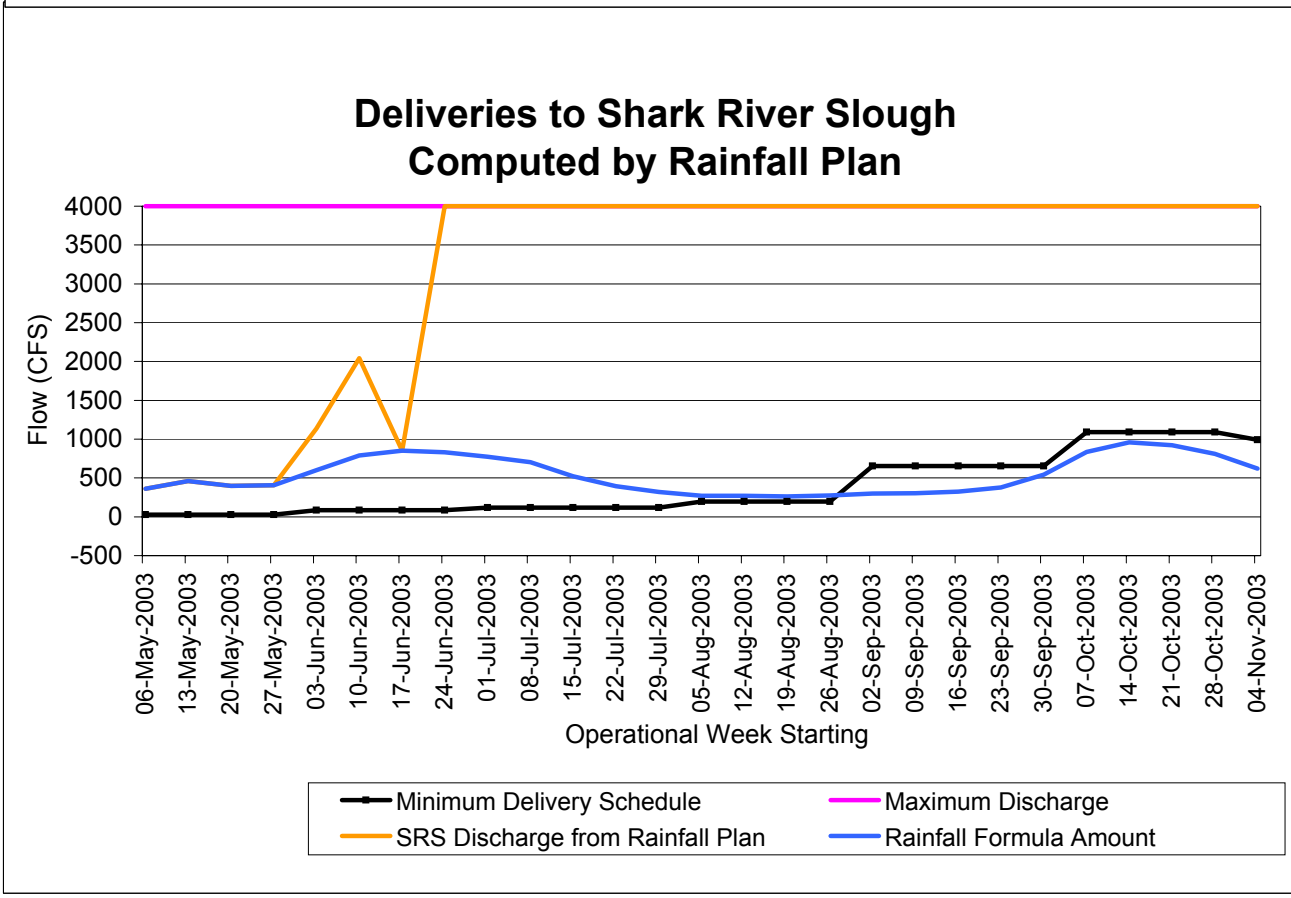
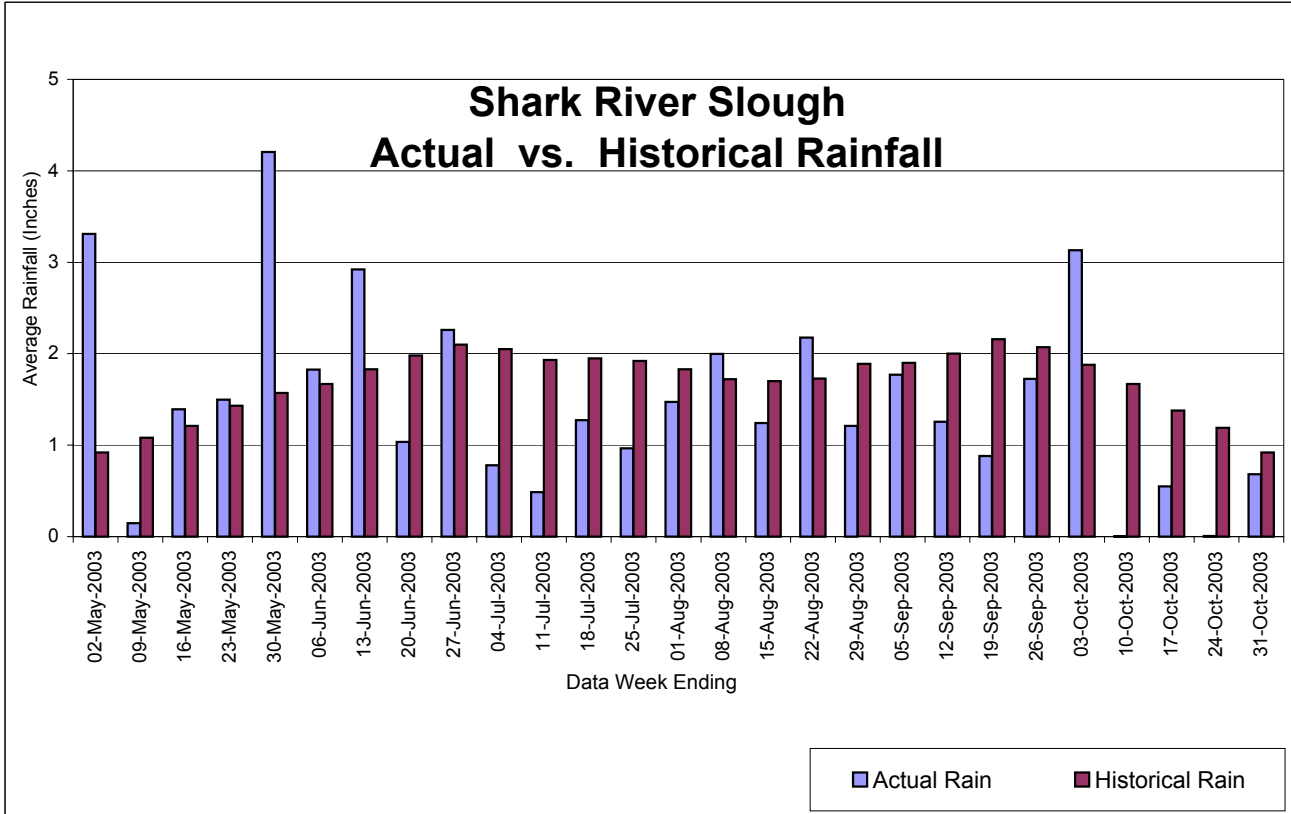
----- Statistical Parameters -----

Rainfall Formula Amount 621 cfs
 Last Week's Rainfall Formula 810 cfs
 Pre-Project Mean Discharge 1084 cfs

Rainfall Excess Terms
 RL1 -1.76 RL2 -2.11 RL3 -2.92

COMMENT: ENP Pan Evaporation is missing. S-140 and 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 November 11, 2003 to November 17, 2003 **MAX** cfs

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

----- **Data Summary** ----- **October 31, 2003 to November 7, 2003**
 WCA-3A Stage (end of week) **11.19** ft. msl
 Angel's **7.19** ft. msl
 G3273 **7.37** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.67	M
S-8	1.25	
S-9	4.10	
S-140	1.32	1.02
S-12D	1.50	
S-336	1.21	
ENP	2.00	0.52
Gage 63	5.39	
Gage 64	1.95	
Gage 65	2.10	
This Week's Avg	2.25	0.77
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 **-0.69** feet
 Distance to Bottom of Regulatory Zone **-0.44** feet

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

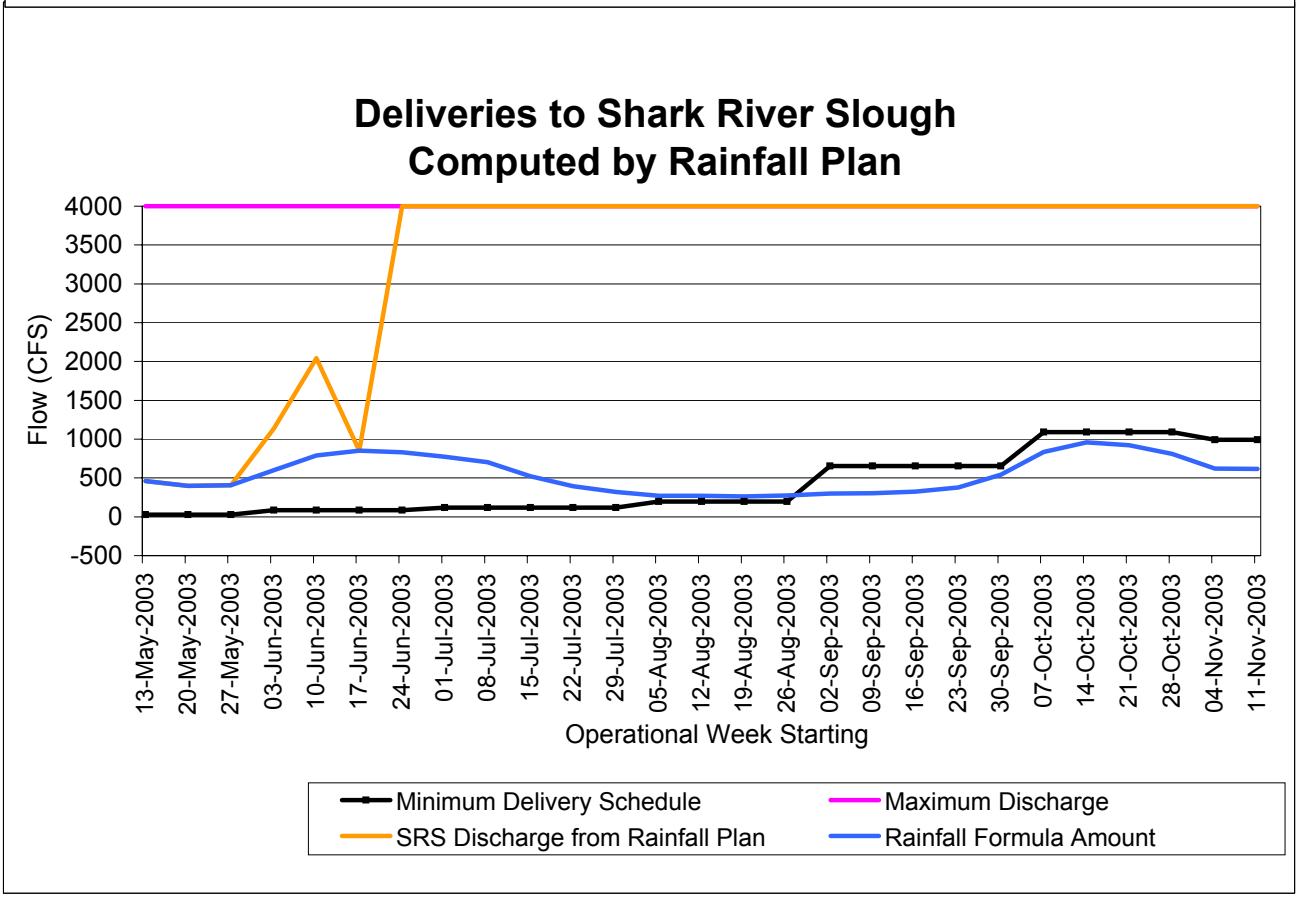
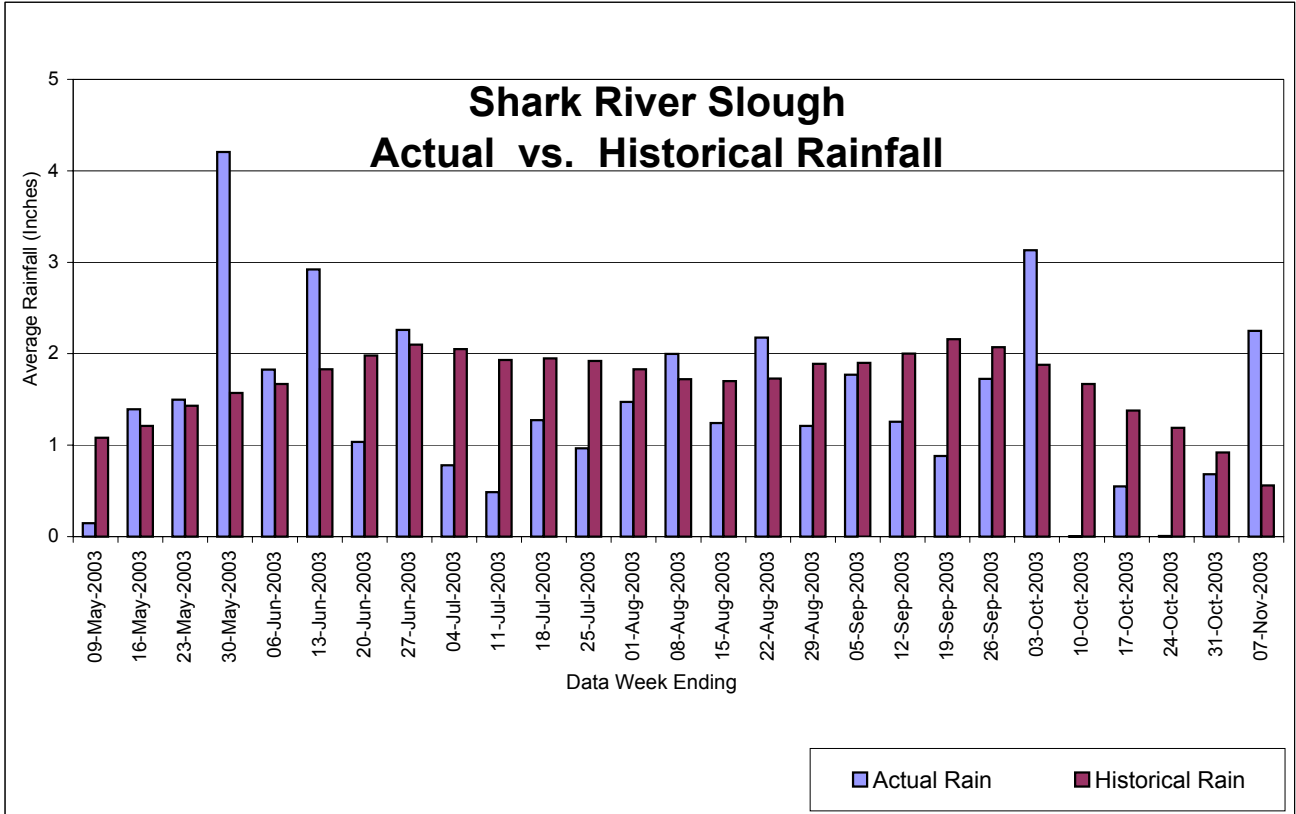
Rainfall Formula Amount **618** cfs
 Last Week's Rainfall Formula **621** cfs
 Pre-Project Mean Discharge **937** cfs

Rainfall Excess Terms

RL1 1.43	RL2 -3.03	RL3 -2.74
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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 November 18, 2003 to November 24, 2003 **MAX** cfs

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

----- **Data Summary** ----- **November 7, 2003 to November 14, 2003**
 WCA-3A Stage (end of week) **11.03** ft. msl
 Angel's **7.11** ft. msl
 G3273 **7.28** ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.02	1.00
S-8	0.03	
S-9	0.06	
S-140	0.24	1.26
S-12D	0.15	
S-336	0.39	
ENP	0.00	1.32
Gage 63	0.10	
Gage 64	0.03	
Gage 65	0.28	
This Week's Avg	0.13	1.19
Pre-Project Avg	0.40	0.91

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

WCA-3A is in Zone A

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

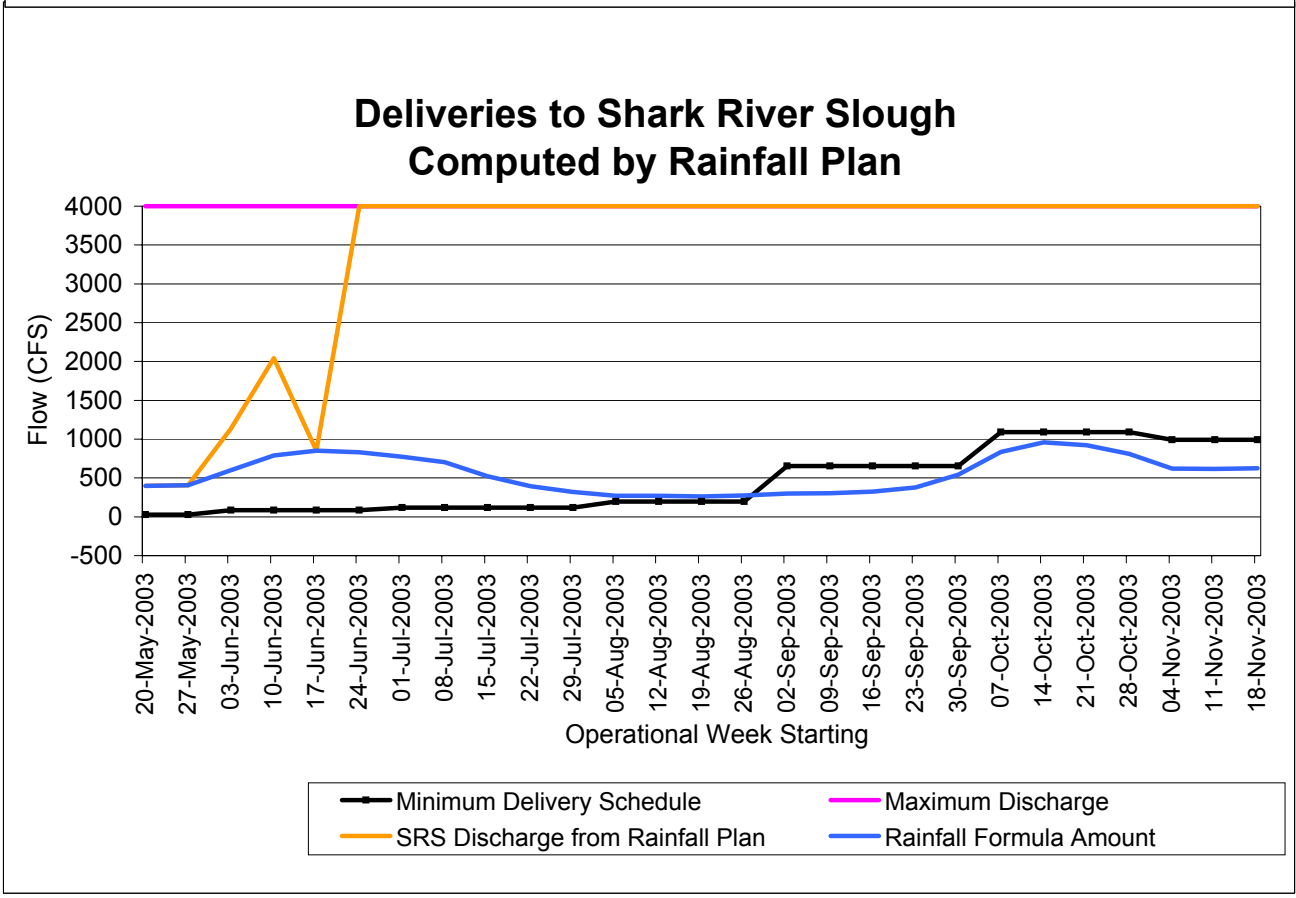
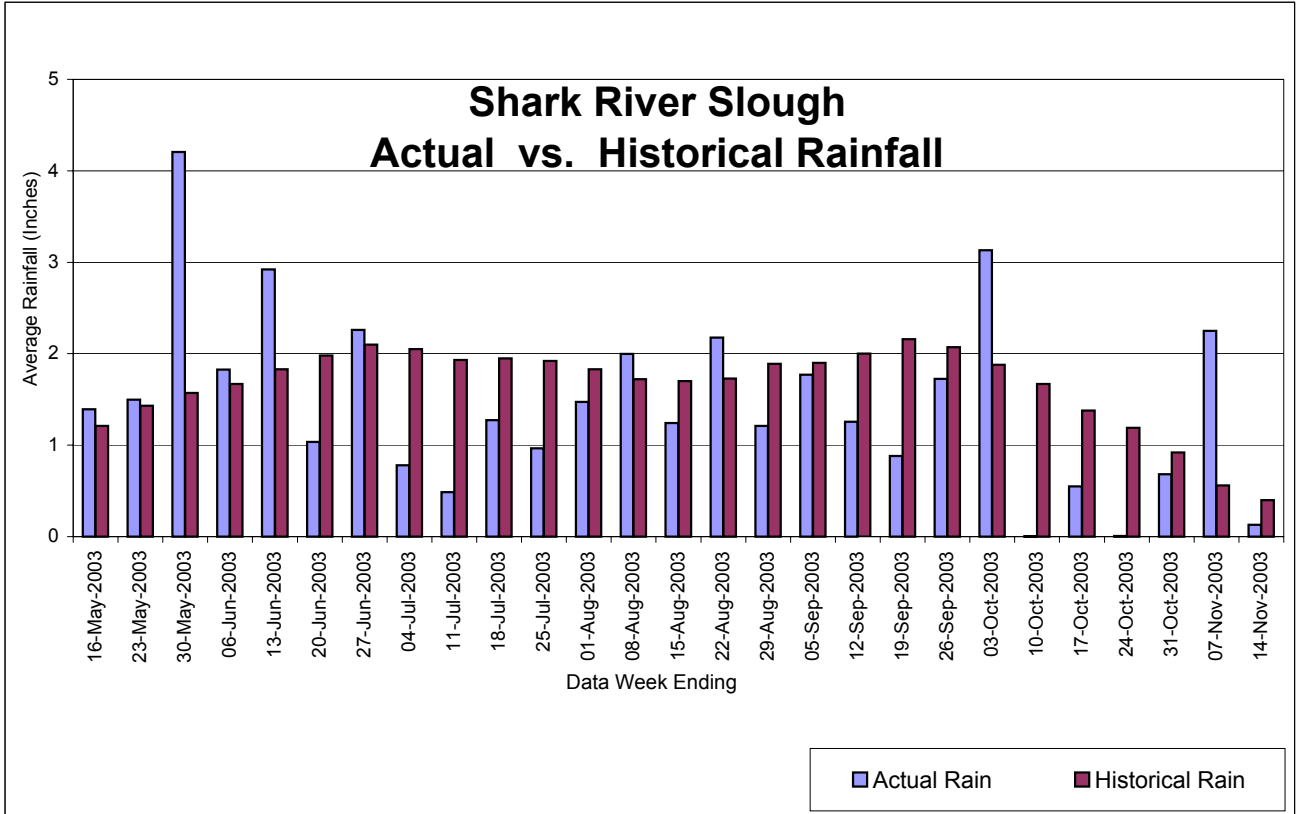
----- **Statistical Parameters** -----

Rainfall Formula Amount **626** cfs
 Last Week's Rainfall Formula **618** cfs
 Pre-Project Mean Discharge **820** cfs

Rainfall Excess Terms
RL1 **1.35** RL2 **-4.66** RL3 **-1.29**

COMMENT:

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



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow November 25, 2003 to December 1, 2003 **MAX** cfs

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

----- Data Summary ----- November 14, 2003 to November 21, 2003

WCA-3A Stage (end of week)	10.86	ft. msl
Angel's	6.89	ft. msl
G3273	7.17	ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.00	M
S-8	0.02	
S-9	0.00	
S-140	0.02	1.22
S-12D	0.00	
S-336	0.06	
ENP	0.00	0.81
Gage 63	0.03	
Gage 64	0.10	
Gage 65	0.05	
This Week's Avg	0.03	1.02
Pre-Project Avg	0.32	0.87

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

WCA-3A is in Zone A

Supplemental discharge is	MAX	cfs
Distance to Bottom of Transition Zone		-0.36 feet
Distance to Bottom of Regulatory Zone		-0.11 feet

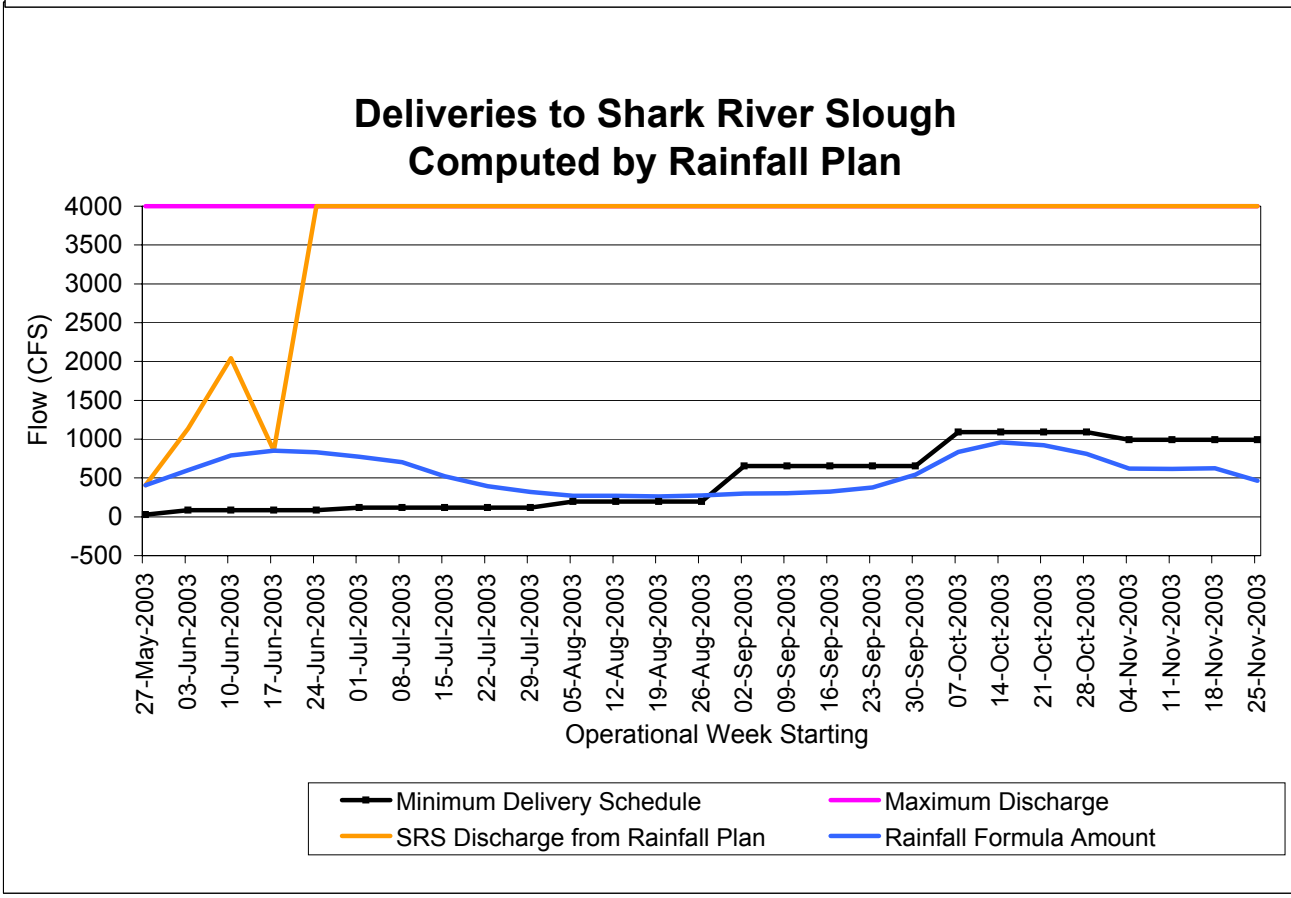
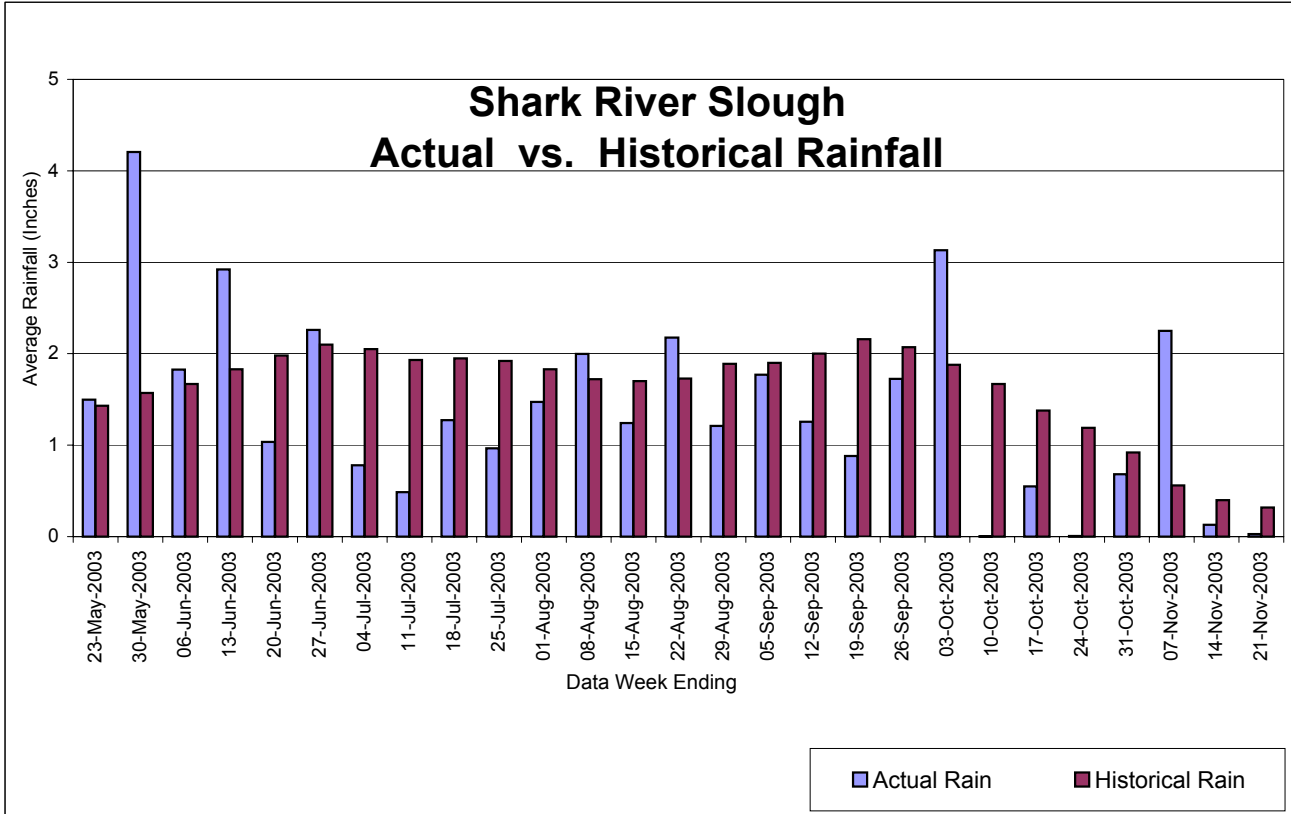
----- Statistical Parameters -----

Rainfall Formula Amount	466 cfs
Last Week's Rainfall Formula	626 cfs
Pre-Project Mean Discharge	689 cfs

Rainfall Excess Terms	RL1 -0.90	RL2 -1.08	RL3 -2.21
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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 December 2, 2003 to December 8, 2003 860 cfs

S-12 Discharge 387 cfs
 S-333 Discharge 473 cfs

----- Data Summary ----- November 21, 2003 to November 28, 2003
 WCA-3A Stage (end of week) 10.71 ft. msl
 Angel's 6.57 ft. msl
 G3273 7.09 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.01	0.63
S-8	0.06	
S-9	0.00	
S-140	0.00	0.68
S-12D	0.00	
S-336	0.00	
ENP	0.01	0.67
Gage 63	0.01	
Gage 64	0.00	
Gage 65	0.00	
This Week's Avg	0.01	0.66
Pre-Project Avg	0.29	0.82

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

WCA-3A is in Zone C

Supplemental discharge is 525 cfs
 Distance to Bottom of Transition Zone -0.21 feet
 Distance to Bottom of Regulatory Zone 0.04 feet

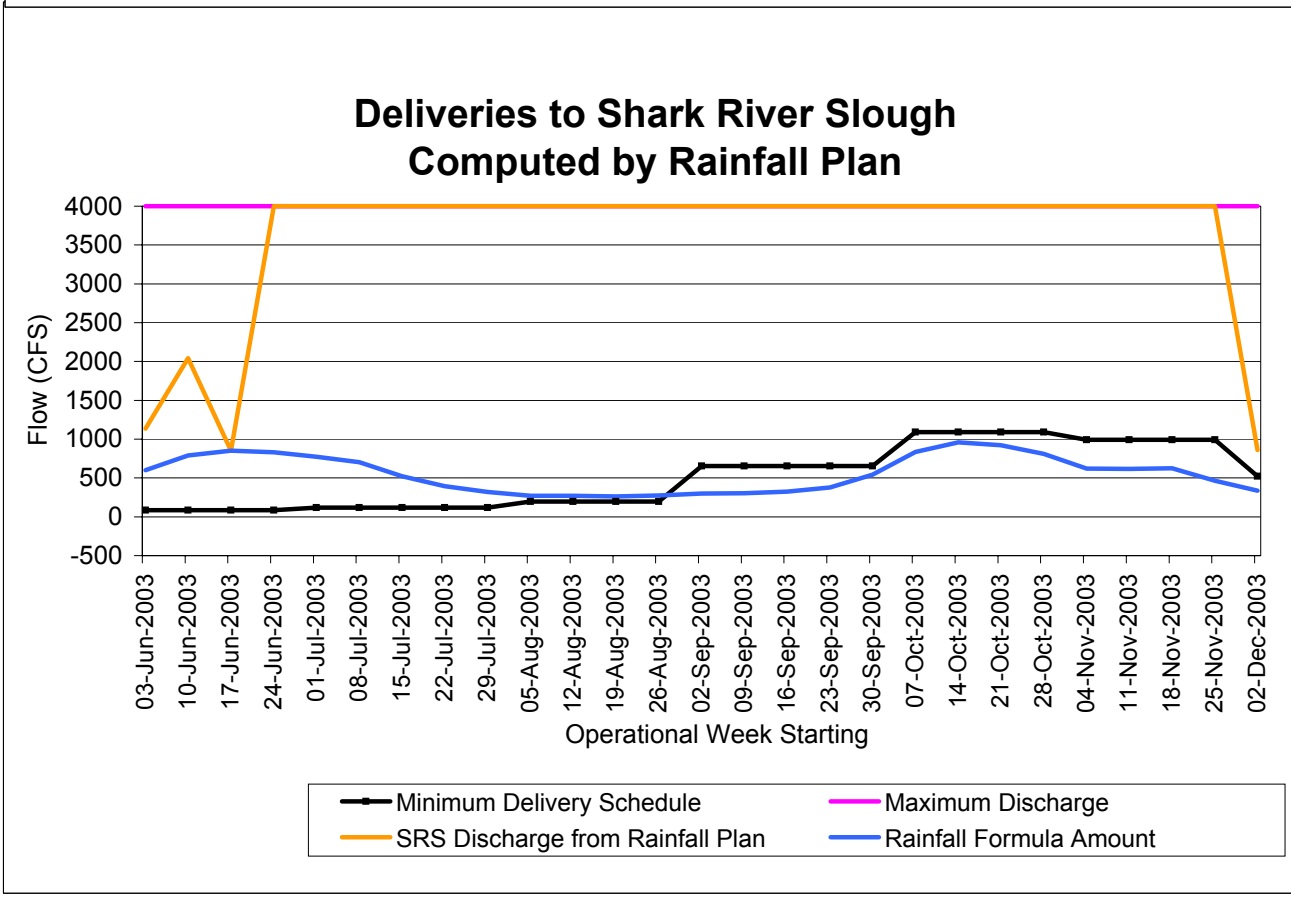
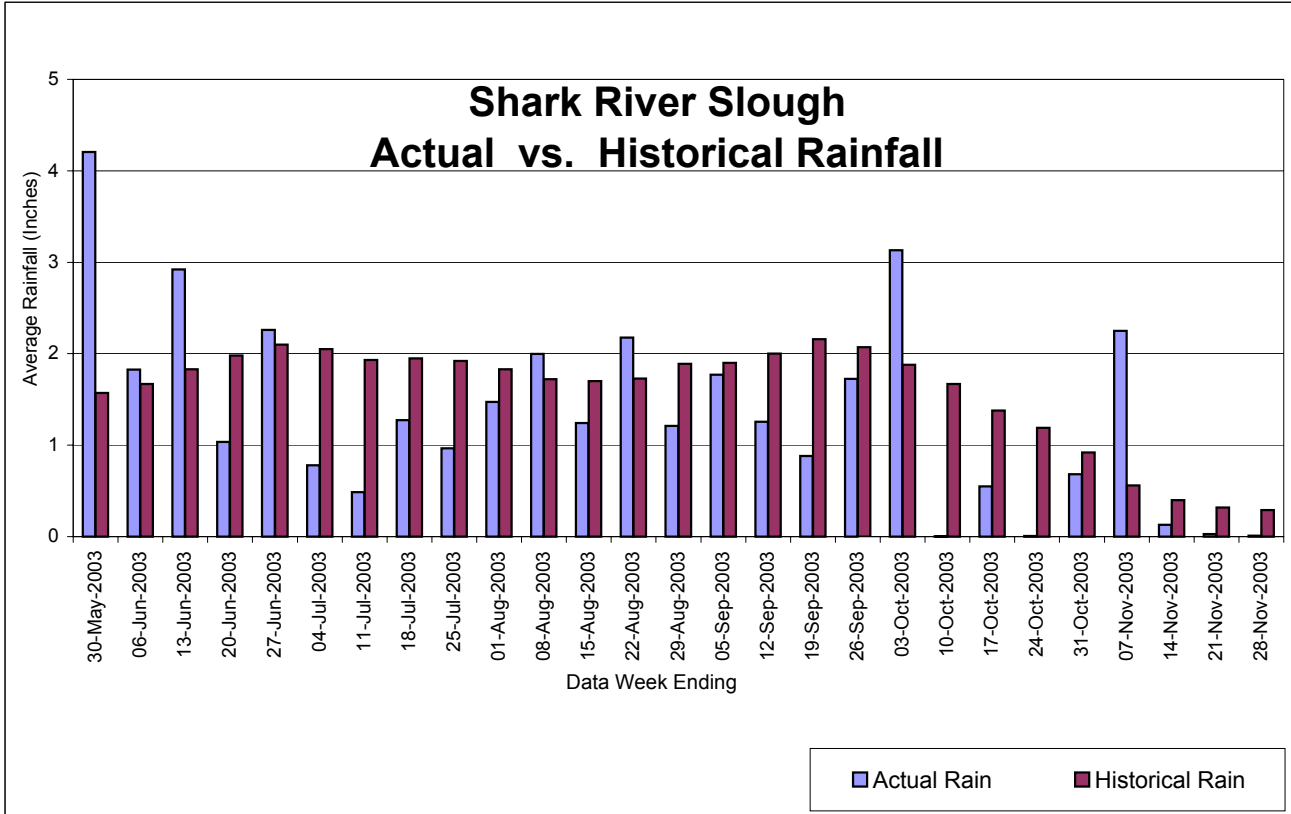
----- Statistical Parameters -----

Rainfall Formula Amount 335 cfs
 Last Week's Rainfall Formula 466 cfs
 Pre-Project Mean Discharge 566 cfs

Rainfall Excess Terms
 RL1 -0.56 RL2 -0.40 RL3 -2.11

COMMENT:

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



WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow December 9, 2003 to December 15, 2003 **409 cfs**

S-12 Discharge 184 cfs
 S-333 Discharge 225 cfs

----- Data Summary ----- November 28, 2003 to December 5, 2003

WCA-3A Stage (end of week)	10.57	ft. msl
Angel's	6.31	ft. msl
G3273	6.99	ft. msl

Station	Rainfall (in)	Pan Evaporation (in)
S-7	1.10	1.18
S-8	0.10	
S-9	0.15	
S-140	0.03	1.34
S-12D	0.04	
S-336	0.01	
ENP	0.01	M
Gage 63	0.14	
Gage 64	0.88	
Gage 65	1.02	
This Week's Avg	0.35	1.26
Pre-Project Avg	0.27	0.80

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

WCA-3A is in Zone C

Supplemental discharge is	175 cfs
Distance to Bottom of Transition Zone	-0.07 feet
Distance to Bottom of Regulatory Zone	0.18 feet

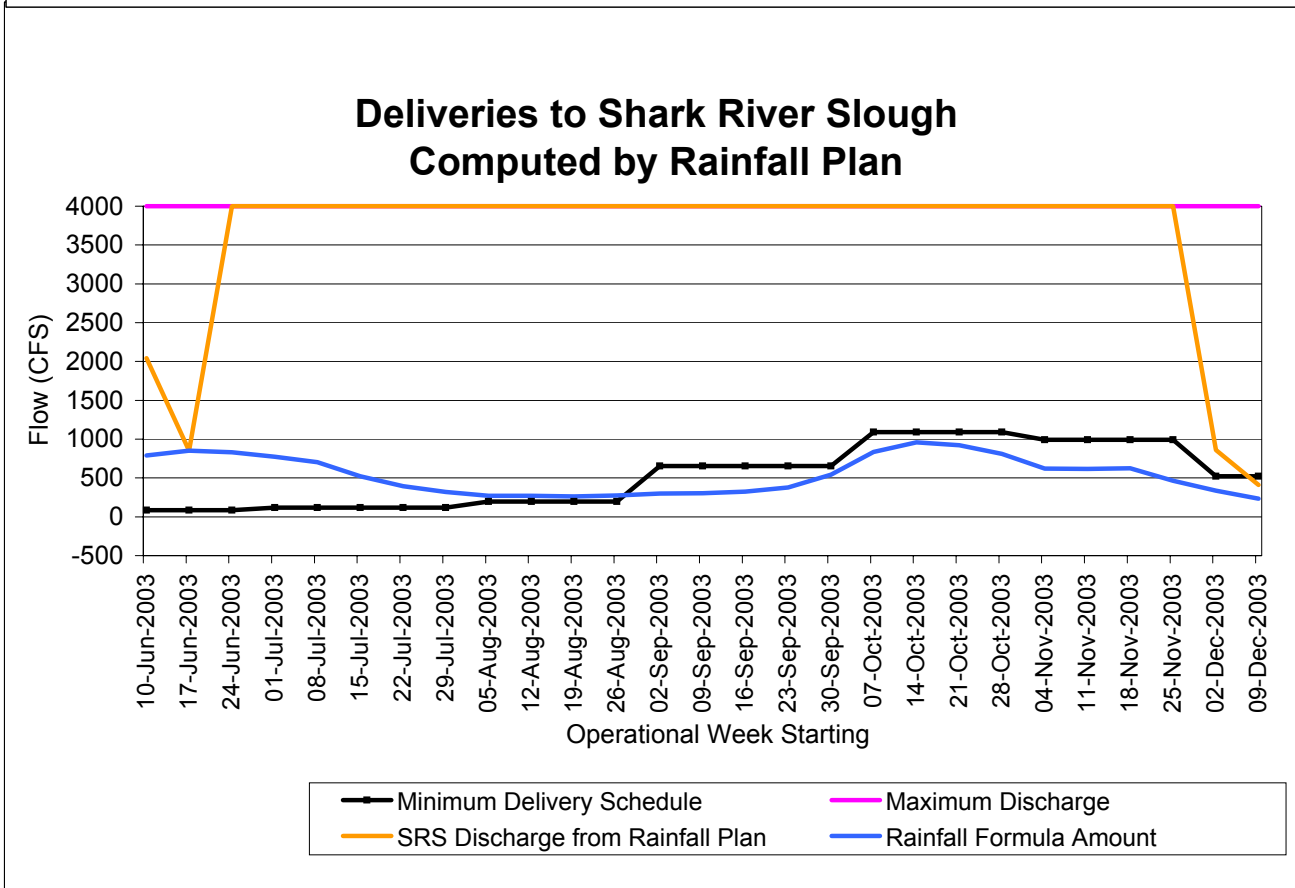
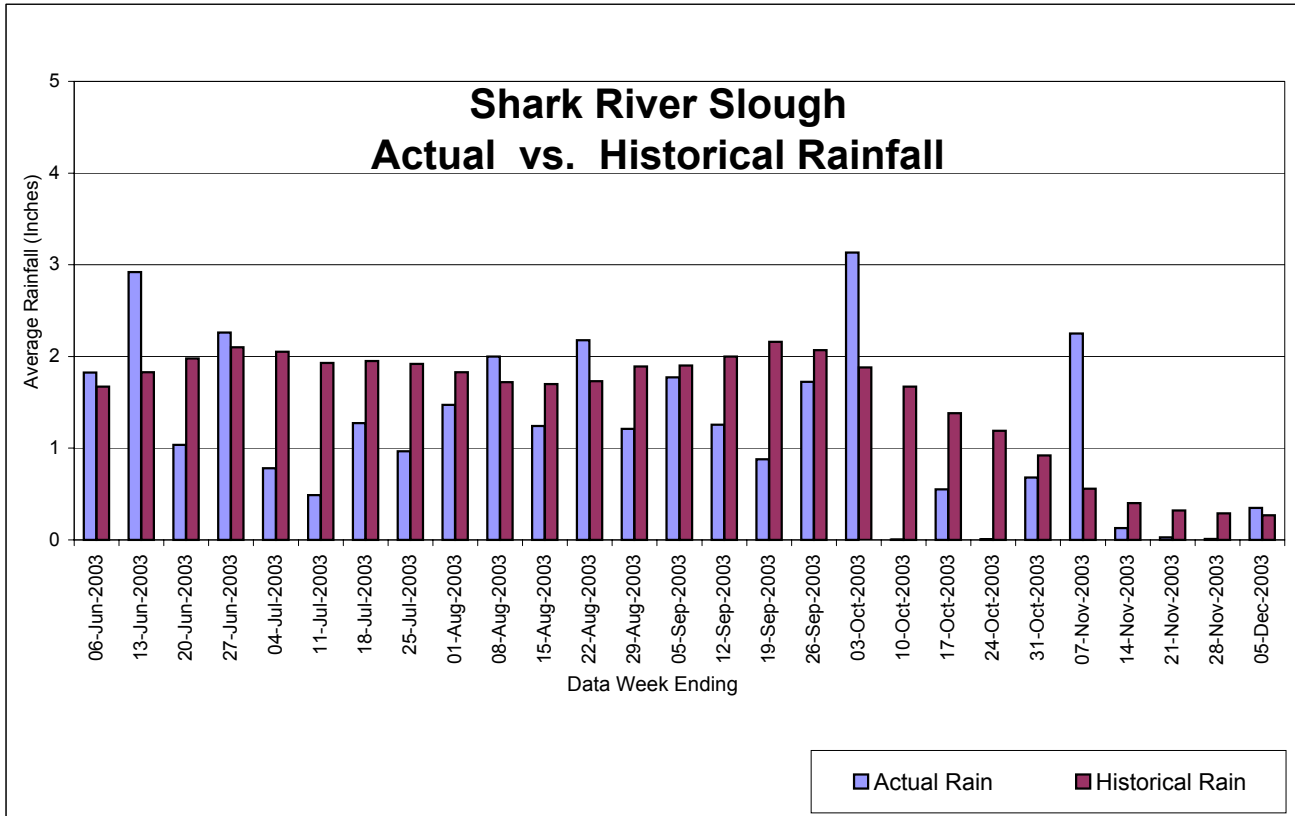
----- Statistical Parameters -----

Rainfall Formula Amount	234 cfs
Last Week's Rainfall Formula	335 cfs
Pre-Project Mean Discharge	462 cfs

Rainfall Excess Terms	RL1 -0.44	RL2 0.53	RL3 -3.03
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COMMENT: Enp pan evaporation is missing. S-140 and 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 December 16, 2003 to December 22, 2003 **164 cfs**

S-12 Discharge 74 cfs
 S-333 Discharge 90 cfs

----- Data Summary ----- December 5, 2003 to December 12, 2003
 WCA-3A Stage (end of week) 10.46 ft. msl
 Angel's 6.19 ft. msl
 G3273 6.91 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	0.38	0.70
S-8	0.13	
S-9	0.25	
S-140	0.20	M
S-12D	0.13	
S-336	0.01	
ENP	0.00	M
Gage 63	0.36	
Gage 64	0.41	
Gage 65	0.32	
This Week's Avg	0.22	0.70
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 0.04 feet
 Distance to Bottom of Regulatory Zone 0.29 feet

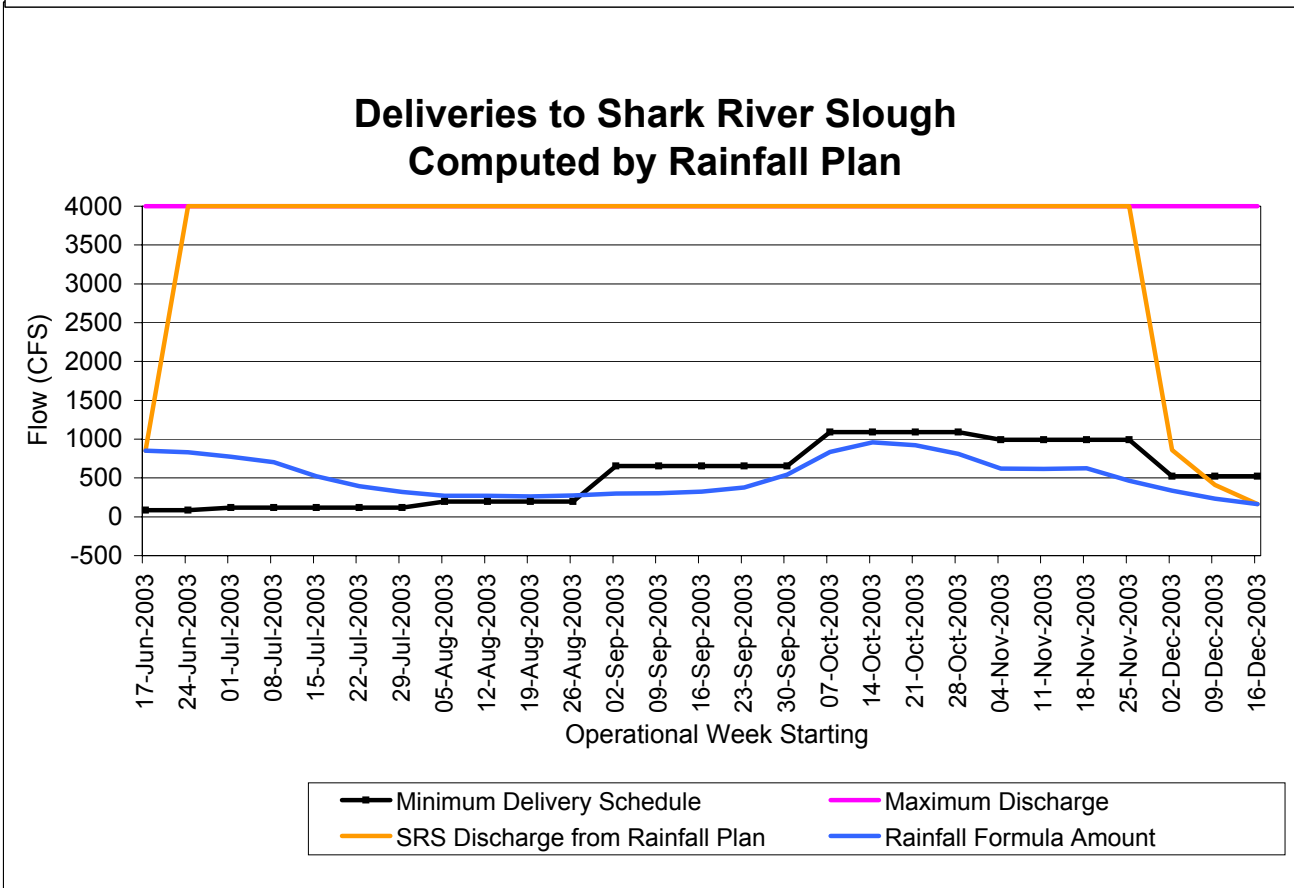
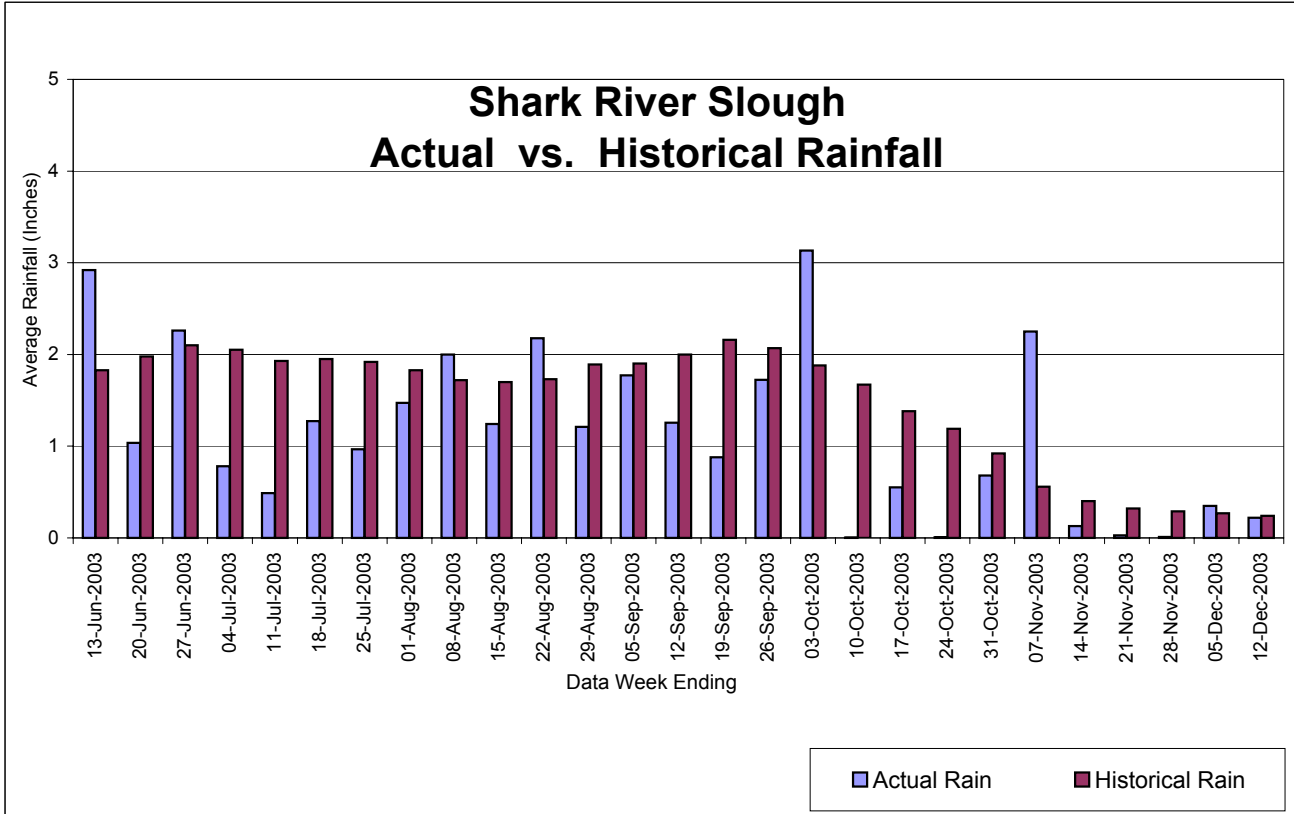
----- Statistical Parameters -----

Rainfall Formula Amount 164 cfs
 Last Week's Rainfall Formula 234 cfs
 Pre-Project Mean Discharge 376 cfs

Rainfall Excess Terms
 RL1 -0.25 RL2 0.79 RL3 -4.66

COMMENT: S- 140 and Enp pan evaporation is 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 December 23, 2003 to December 29, 2003 **199 cfs**

S-12 Discharge 90 cfs
 S-333 Discharge 109 cfs

----- Data Summary ----- December 12, 2003 to **December 19, 2003**
 WCA-3A Stage (end of week) 10.45 ft. msl
 Angel's M ft. msl
 G3273 6.90 ft. msl

<u>Station</u>	<u>Rainfall (in)</u>	<u>Pan Evaporation (in)</u>
S-7	1.06	0.54
S-8	1.17	
S-9	0.92	
S-140	0.55	0.53
S-12D	0.57	
S-336	0.56	
ENP	M	M
Gage 63	1.13	
Gage 64	1.21	
Gage 65	1.99	
This Week's Avg	1.02	0.54
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 0.05 feet
 Distance to Bottom of Regulatory Zone 0.30 feet

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

Rainfall Formula Amount 199 cfs
 Last Week's Rainfall Formula 164 cfs
 Pre-Project Mean Discharge 321 cfs

Rainfall Excess Terms

RL1	1.00	RL2	-1.35	RL3	-1.08
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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.**

