WCA-3A RAINFOAL-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 -------

WCA-3A Stage (end of week)  10.28 ft. msl
Angel's  5.87 ft. msl
G3273  6.76 ft. msl

Station  | Rainfall (in)  | Pan Evaporation (in) |
---------|---------------|----------------------|
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.
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
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

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----- 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.*
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
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

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----- 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 -------

WCA-3A Stage (end of week) 10.06 ft. msl
Angel's 5.59 ft. msl
G3273 6.44 ft. msl

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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

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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 RAINFOILL-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

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----- 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.*
Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Average Rainfall (Inches)


Shark River Slough
Deliveries to Shark River Slough
Computed by Rainfall Plan

Operational Week Starting

Flow (CFS)


Actual Rain Historical Rain
Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
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

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----- 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

<table>
<thead>
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<th>RL1</th>
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<th>RL3</th>
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<tbody>
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COMMENT:

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow February 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

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----- 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

COMMENT:

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Average Rainfall (Inches)

Data Week Ending

Flow (CFS)

Operational Week Starting

Actual Rain

Historical Rain

Minimum Delivery Schedule

Maximum Discharge

SRS Discharge from Rainfall Plan

Rainfall Formula Amount
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

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<th>9.98  ft. msl</th>
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<tbody>
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<td>Angel's</td>
<td>6.33  ft. msl</td>
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<td>G3273</td>
<td>6.51  ft. msl</td>
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----- 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.
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 9, 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

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----- 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.*
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan

Flow (CFS)

Operational Week Starting

Data Week Ending

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
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

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----- 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

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<td>-0.48</td>
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COMMENT:

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

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----- 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.*
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Average Rainfall (Inches)

Flow (CFS)

 Operational Week Starting

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow March 30, 2004 to April 5, 2004

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

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----- 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.*
Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Average Rainfall (Inches)

-26-Sep-2003
-03-Oct-2003
-10-Oct-2003
-17-Oct-2003
-24-Oct-2003
-31-Oct-2003
-07-Nov-2003
-14-Nov-2003
-21-Nov-2003
-28-Nov-2003
-05-Dec-2003
-12-Dec-2003
-19-Dec-2003
-26-Dec-2003
-02-Jan-2004
-09-Jan-2004
-16-Jan-2004
-23-Jan-2004
-30-Jan-2004
-06-Feb-2004
-13-Feb-2004
-20-Feb-2004
-27-Feb-2004
-05-Mar-2004
-12-Mar-2004
-19-Mar-2004
-26-Mar-2004

Shark River Slough
Deliveries to Shark River Slough
Computed by Rainfall Plan

Operational Week Starting
Flow (CFS)

-30-Sep-2003
-07-Oct-2003
-14-Oct-2003
-21-Oct-2003
-28-Oct-2003
-04-Nov-2003
-11-Nov-2003
-18-Nov-2003
-25-Nov-2003
-02-Dec-2003
-09-Dec-2003
-16-Dec-2003
-23-Dec-2003
-30-Dec-2003
-06-Jan-2004
-13-Jan-2004
-20-Jan-2004
-27-Jan-2004
-03-Feb-2004
-10-Feb-2004
-17-Feb-2004
-24-Feb-2004
-02-Mar-2004
-09-Mar-2004
-16-Mar-2004
-23-Mar-2004
-30-Mar-2004

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
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 ------

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

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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 ------

<table>
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<th>Date Range</th>
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<th>Angel's</th>
<th>G3273</th>
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<td>4.67 ft. msl</td>
<td>5.36 ft. msl</td>
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<td>Gage 65</td>
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</table>

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.*
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

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

WCA-3A Stage (end of week) 9.32 ft. msl
Angel's 5.67 ft. msl
G3273 6.20 ft. msl

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<th>Pan Evaporation (in)</th>
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----- 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

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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: 93 cfs
S-333 Discharge: 114 cfs

----- Data Summary -----
April 16, 2004 to April 23, 2004

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----- 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)  9.11 ft. msl
Angel's  5.42 ft. msl
G3273  5.58 ft. msl

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------ 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."
Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Actual Rain  Historical Rain

Deliveries to Shark River Slough
Computed by Rainfall Plan

Operational Week Starting

Minimum Delivery Schedule  Maximum Discharge  SRS Discharge from Rainfall Plan  Rainfall Formula Amount
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 -------

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----- 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.
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 18, 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

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----- 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.*
Deliveries to Shark River Slough
Computed by Rainfall Plan

Average Rainfall (Inches)

Data Week Ending

Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan

Flow (CFS)

Operational Week Starting

- Minimum Delivery Schedule
- Maximum Discharge
- SRS Discharge from Rainfall Plan
- Rainfall Formula Amount
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) 8.89 ft. msl
Angel's 4.46 ft. msl
G3273 4.98 ft. msl

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----- Transition Zone Information ----- 
WCA-3A is in Zone E
Supplemental discharge is 0 cfs
Distance to Bottom of Transition Zone 0.67 feet
Distance to Bottom of Regulatory Zone 1.17 feet

----- Statistical Parameters ----- 
Rainfall Formula Amount 0 cfs
Last Week's Rainfall Formula 111 cfs
Pre-Project Mean Discharge 17 cfs

Rainfall Excess Terms
RL1 -2.14
RL2 0.37
RL3 -2.02

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.
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
Target Flow June 1, 2004 to June 7, 2004 0 cfs
S-12 Discharge 0 cfs
S-333 Discharge 0 cfs

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

WCA-3A Stage (end of week) 8.72 ft. msl
Angel's 4.09 ft. msl
G3273 4.62 ft. msl

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----- 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 ------

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----- 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.*
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 15, 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

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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.
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow June 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

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----- 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

COMMENT

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

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

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

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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.*
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Flow (CFS)

Operational Week Starting

Actual Rain
Historical Rain

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 6, 2004 to July 12, 2004

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

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

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----- 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

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----- 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

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 ------

**WCA-3A Stage (end of week)** 9.05 ft. msl

- Angel's 4.40 ft. msl
- G3273 5.32 ft. msl

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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

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----- 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

COMMENT:

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAiNFALL-BASED MANAGEMENT PLAN

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

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

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

WCA-3A Stage (end of week)  9.30 ft. msl
Angel's  5.55 ft. msl
G3273  5.42 ft. msl

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----- 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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow: August 10, 2004 to August 16, 2004

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

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

July 30, 2004 to August 6, 2004

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This Week's Avg: 4.05 in, 1.60 in
Pre-Project Avg: 1.72 in, 1.42 in

----- 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.
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow August 17, 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

Station | Rainfall (in) | Pan Evaporation (in)
-------- |-------------- |-------------------
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

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

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

WCA-3A Stage (end of week) 10.02 ft. msl
Angel's 6.06 ft. msl
G3273 6.69 ft. msl

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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 --------

WCA-3A Stage (end of week) 10.38 ft. msl
Angel's 6.66 ft. msl
G3273 6.93 ft. msl

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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

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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Operational Week Starting

Flow (CFS)

Data Week Ending

Average Rainfall (Inches)

Actual Rain
Historical Rain
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

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This Week's Avg 0.85 1.51
Pre-Project Avg 1.90 1.34

----- 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.*
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
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

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<th>Station</th>
<th>Rainfall (in)</th>
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----- 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 -------

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

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<th>Station</th>
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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

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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Average Rainfall (Inches)

Flow (CFS)

Operational Week Starting

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

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<th>Pan Evaporation (in)</th>
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----- 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

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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Operational Week Starting
Data Week Ending

Average Rainfall (Inches)

Flow (CFS)

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
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

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----- 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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Average Rainfall (Inches)

0 1 2 3 4 5


Operational Week Starting

Flow (CFS)

-500 -1000 0 500 1000 1500 2000 2500 3000 3500 4000 4500


Operational Week Starting

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
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 -------

WCA-3A Stage (end of week) 11.70 ft. msl
Angel's 6.57 ft. msl
G3273 7.01 ft. msl

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----- 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 -------
WCA-3A Stage (end of week) 11.74 ft. msl
Angel's 7.00 ft. msl
G3273 7.09 ft. msl

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----- 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

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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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Average Rainfall (Inches)

Flow (CFS)

Operational Week Starting

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
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

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----- 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.*
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Flow (CFS)

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow November 9, 2004 to November 15, 2004 MAX cfs
S-12 Discharge
S-333 Discharge

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

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----- 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 ----- 

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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.*
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Average Rainfall (Inches)


Flow (CFS)

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount

Operational Week Starting

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

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This Week's Avg 0.08  1.02
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 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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall
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

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----- 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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Average Rainfall (Inches)

Minimum Delivery Schedule
 Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount

Operational Week Starting

Flow (CFS)

Actual Rain
Historical Rain
Target Flow November 30, 2004 to December 6, 2004 620 cfs

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

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

WCA-3A Stage (end of week) 10.65 ft. msl
Angel's 6.22 ft. msl
G3273 6.82 ft. msl

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------- 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 evapoation 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 ------

<table>
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<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

-500
-250
-100
0
100
200
300
400
500

08-Jun-2004
15-Jun-2004
22-Jun-2004
29-Jun-2004
06-Jul-2004
13-Jul-2004
20-Jul-2004
27-Jul-2004
03-Aug-2004
10-Aug-2004
17-Aug-2004
24-Aug-2004
31-Aug-2004
07-Sep-2004
14-Sep-2004
21-Sep-2004
28-Sep-2004
05-Oct-2004
12-Oct-2004
19-Oct-2004
26-Oct-2004
02-Nov-2004
09-Nov-2004
16-Nov-2004
23-Nov-2004
30-Nov-2004
07-Dec-2004

Data Week Ending

Flow (CFS)

-500
-250
-100
0
500
1000
1500
2000
2500
3000
3500
4000

08-Jun-2004
15-Jun-2004
22-Jun-2004
29-Jun-2004
06-Jul-2004
13-Jul-2004
20-Jul-2004
27-Jul-2004
03-Aug-2004
10-Aug-2004
17-Aug-2004
24-Aug-2004
31-Aug-2004
07-Sep-2004
14-Sep-2004
21-Sep-2004
28-Sep-2004
05-Oct-2004
12-Oct-2004
19-Oct-2004
26-Oct-2004
02-Nov-2004
09-Nov-2004
16-Nov-2004
23-Nov-2004
30-Nov-2004
07-Dec-2004

Operational Week Starting

Average Rainfall (Inches)

0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

04-Jun-2004
11-Jun-2004
18-Jun-2004
25-Jun-2004
02-Jul-2004
09-Jul-2004
16-Jul-2004
23-Jul-2004
30-Jul-2004
06-Aug-2004
13-Aug-2004
20-Aug-2004
27-Aug-2004
03-Sep-2004
10-Sep-2004
17-Sep-2004
24-Sep-2004
01-Oct-2004
08-Oct-2004
15-Oct-2004
22-Oct-2004
29-Oct-2004
05-Nov-2004
12-Nov-2004
19-Nov-2004
26-Nov-2004
03-Dec-2004

Actual Rain
Historical Rain

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
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 -------

<table>
<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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This Week's Avg 0.04 0.81
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 0.12 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.*
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall

Data Week Ending

Average Rainfall (Inches)

Flow (CFS)

Operational Week Starting

Minimum Delivery Schedule
Maximum Discharge
SRS Discharge from Rainfall Plan
Rainfall Formula Amount
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 -------

WCA-3A Stage (end of week) 10.28 ft. msl
Angel's 5.72 ft. msl
G3273 6.62 ft. msl

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<th>Station</th>
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----- 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.
Deliveries to Shark River Slough
Computed by Rainfall Plan

Shark River Slough
Actual vs. Historical Rainfall
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 --------

-------- 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

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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

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
Shark River Slough
Actual vs. Historical Rainfall

Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow 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

Station降雨 (in) Pan Evaporation (in)
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.