WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

------- Data Summary -------
December 21, 2012 to December 28, 2012

WCA-3A Stage (end of week) 10.33 ft. msl
Angel’s 5.81 ft. msl
G3273 6.68 ft. msl

Station Rainfall (in) Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 0.06 0.94

S-140 1.00
ENP M

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

----- Transition Zone Information ----- 
WCA-3A is in Zone D
Supplemental discharge is 400 cfs
Distance to Top of Zone E -0.08 feet
Distance to Bottom of Regulatory Zone 0.17 feet

----- Statistical Parameters ----- 
Rainfall Formula Amount 28 cfs
Last Week’s Rainfall Formula 79 cfs
Pre-Project Mean Discharge 281 cfs

Rainfall Excess Terms
RL1 -0.66 RL2 -0.39 RL3 -2.66

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
**WCA-3A RAINFALL-BASED MANAGEMENT PLAN**

Target Flow  December 25, 2012  to  December 31, 2012  1029  cfs

S-12 Discharge  463  cfs
S-333 Discharge  566  cfs

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

<table>
<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tbody>
<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>0.00</td>
<td>0.87</td>
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<tr>
<td>S-140</td>
<td></td>
<td>0.82</td>
</tr>
<tr>
<td>ENP</td>
<td></td>
<td>M</td>
</tr>
</tbody>
</table>

| This Week’s Avg       | 0.00          | 0.84                 |
| Pre-Project Avg       | 0.24          | 0.76                 |

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

WCA-3A is in Zone  D

Supplemental discharge is  950  cfs
Distance to Top of Zone E  -0.19  feet
Distance to Bottom of Regulatory Zone  0.06  feet

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

<table>
<thead>
<tr>
<th>Rainfall Formula Amount</th>
<th>79  cfs</th>
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<tr>
<td>Last Week’s Rainfall Formula</td>
<td>90  cfs</td>
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<tr>
<td>Pre-Project Mean Discharge</td>
<td>321  cfs</td>
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</tbody>
</table>

Rainfall Excess Terms

<table>
<thead>
<tr>
<th>RL1</th>
<th>RL2</th>
<th>RL3</th>
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</thead>
<tbody>
<tr>
<td>0.26</td>
<td>-1.27</td>
<td>-3.11</td>
</tr>
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</table>

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

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

Average Rainfall (Inches)

Data Week Ending

Deliveries to Shark River Slough
Computed by Rainfall Plan

Flow (CFS)

Operational Week Starting

Shark River Slough Actual vs. Historical Rainfall

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

Target Flow  December 18, 2012  to  December 24, 2012  MAX  cfs
S-12 Discharge  MAX  cfs
S-333 Discharge  MAX  cfs

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

December 7, 2012  to  December 14, 2012

WCA-3A Stage (end of week)  10.57  ft. msl
Angel's  5.96  ft. msl
G3273  6.85  ft. msl

Station  Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation  0.91  0.76

S-140  1.05

ENP  M

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

----- Transition Zone Information ----- WCA-3A is in Zone  A

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

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

Rainfall Excess Terms
RL1  0.33  RL2  -1.65  RL3  -3.08

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  December 11, 2012  to  December 17, 2012  MAX  cfs
S-12 Discharge  MAX  cfs
S-333 Discharge  MAX  cfs

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

November 30, 2012  to  December 7, 2012

WCA-3A Stage (end of week)  10.61  ft. msl
Angel's  5.94  ft. msl
G3273  6.78  ft. msl

Station  Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation  0.02  0.82

S-140  0.77
ENP  M

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

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

WCA-3A is in Zone  A
Supplemental discharge is  MAX  cfs
Distance to Top of Zone E  -0.37  feet
Distance to Bottom of Regulatory Zone  -0.11  feet

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

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

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

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow December 4, 2012 to December 10, 2012 MAX cfs
S-12 Discharge MAX cfs
S-333 Discharge MAX cfs

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

<table>
<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
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<td>0.93</td>
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<tr>
<td>S-140</td>
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<td>0.86</td>
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<td>M</td>
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This Week's Avg 0.00 0.89
Pre-Project Avg 0.29 0.82

----- Transition Zone Information -----
WCA-3A is in Zone A
Supplemental discharge is MAX cfs
Distance to Bottom of Transition Zone -0.52 feet
Distance to Bottom of Regulatory Zone -0.21 feet

----- Statistical Parameters -----
Rainfall Formula Amount 224 cfs
Last Week's Rainfall Formula 353 cfs
Pre-Project Mean Discharge 566 cfs
Rainfall Excess Terms
RL1 -0.72
RL2 -2.66
RL3 -1.26

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

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

Data Week Ending
01-Jun-2012
08-Jun-2012
15-Jun-2012
22-Jun-2012
29-Jun-2012
06-Jul-2012
13-Jul-2012
20-Jul-2012
27-Jul-2012
03-Aug-2012
10-Aug-2012
17-Aug-2012
24-Aug-2012
31-Aug-2012
07-Sep-2012
14-Sep-2012
21-Sep-2012
28-Sep-2012
05-Oct-2012
12-Oct-2012
19-Oct-2012
26-Oct-2012
02-Nov-2012
09-Nov-2012
16-Nov-2012
23-Nov-2012
30-Nov-2012

Average Rainfall (Inches)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

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

Flow (CFS)
-500
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000

Operational Week Starting
06-Jun-2012
12-Jun-2012
19-Jun-2012
26-Jun-2012
03-Jul-2012
10-Jul-2012
17-Jul-2012
24-Jul-2012
31-Jul-2012
07-Aug-2012
14-Aug-2012
21-Aug-2012
28-Aug-2012
04-Sep-2012
11-Sep-2012
18-Sep-2012
25-Sep-2012
02-Oct-2012
09-Oct-2012
16-Oct-2012
23-Oct-2012
30-Oct-2012
06-Nov-2012
13-Nov-2012
20-Nov-2012
27-Nov-2012
04-Dec-2012

Deliveries to Shark River Slough
Computed by Rainfall Plan

Actual Rain
Historical Rain
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow November 27, 2012 to December 3, 2012 MAX cfs
S-12 Discharge MAX cfs
S-333 Discharge MAX cfs

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

November 16, 2012 to November 23, 2012

WCA-3A Stage (end of week) 10.83 ft. msl
Angel's 6.11 ft. msl
G3273 6.89 ft. msl

Station Rainfall (in) Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 0.00 0.92

S-140 0.94

ENP M

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

----- Transition Zone Information ----- WCA-3A is in Zone A

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

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

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

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

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

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

Target Flow  November 20, 2012  to  November 26, 2012  MAX  cfs
S-12 Discharge  MAX  cfs
S-333 Discharge  MAX  cfs

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

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

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

----- Transition Zone Information -----  
WCA-3A is in Zone  A
Supplemental discharge is  MAX  cfs
Distance to Bottom of Transition Zone  -0.48 feet
Distance to Bottom of Regulatory Zone  -0.23 feet

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

Rainfall Excess Terms
RL1  -0.93  RL2  -3.08  RL3  -1.76

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  November 13, 2012  to  November 19, 2012  MAX  cfs
S-12 Discharge  MAX  cfs
S-333 Discharge  MAX  cfs

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

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<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
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<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
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<td>1.06</td>
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<tr>
<td>S-140</td>
<td>1.04</td>
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<tr>
<td>ENP</td>
<td>1.05</td>
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</table>

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

----- Transition Zone Information -----  
WCA-3A is in Zone  A
Supplemental discharge is  MAX  cfs
Distance to Bottom of Transition Zone  -0.62 feet
Distance to Bottom of Regulatory Zone  -0.37 feet

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

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

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

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

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

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

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

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

October 26, 2012 to November 2, 2012

WCA-3A Stage (end of week) 11.28 ft. msl
Angel's 6.81 ft. msl
G3273 7.13 ft. msl

Station Rainfall (in) Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 0.00 1.34

S-140 1.36

ENP M

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

----- Transition Zone Information ----- WCA-3A is in Zone A
Supplemental discharge is MAX cfs
Distance to Bottom of Transition Zone -0.78 feet
Distance to Bottom of Regulatory Zone -0.53 feet

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

Rainfall Excess Terms

RL1 -1.73 RL2 -1.26 RL3 0.07

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

S-12 Discharge
S-333 Discharge

-------- Data Summary --------
October 19, 2012 to October 26, 2012

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

Station
WCA-3A Rainfall (in)
NEXRAD Rain for WCA-3A and S7 evaporation

S-140
ENP

Pre-Project Avg

----- Transition Zone Information -----  
WCA-3A is in Zone A
Supplemental discharge is MAX cfs
Distance to Bottom of Transition Zone
Distance to Bottom of Regulatory Zone

----- Statistical Parameters -----  
Rainfall Formula Amount
Last Week's Rainfall Formula
Pre-Project Mean Discharge

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

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  October 23, 2012  to  October 29, 2012  MAX  cfs
S-12 Discharge  MAX  cfs
S-333 Discharge  MAX  cfs

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

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<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>0.73</td>
<td>1.23</td>
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<tr>
<td>S-140</td>
<td></td>
<td>1.28</td>
</tr>
<tr>
<td>ENP</td>
<td></td>
<td>M</td>
</tr>
</tbody>
</table>

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

----- Transition Zone Information -----  
WCA-3A is in Zone A
Supplemental discharge is  MAX  cfs
Distance to Bottom of Transition Zone  -1.58 feet
Distance to Bottom of Regulatory Zone  -0.76 feet

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

Rainfall Excess Terms
RL1  -1.35
RL2  -1.76
RL3  0.99

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

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

Average Rainfall (Inches)

Data Week Ending


Actual Rainfall
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 Factors Amount
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow: October 16, 2012 to October 22, 2012

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

-------- Data Summary --------
October 5, 2012 to October 12, 2012

WCA-3A Stage (end of week): 11.59 ft. msl
Angel's: 7.10 ft. msl
G3273: 7.29 ft. msl

<table>
<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tbody>
<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>1.20</td>
<td>1.31</td>
</tr>
</tbody>
</table>

S-140: 1.32
ENP: M

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

----- Transition Zone Information ----- WCA-3A is in Zone A

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

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

Rainfall Excess Terms
RL1: -0.15
RL2: -2.81
RL3: 1.38

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow October 9, 2012 to October 15, 2012

<table>
<thead>
<tr>
<th>Discharge</th>
<th>MAX cfs</th>
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<tbody>
<tr>
<td>S-12 Discharge</td>
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<tr>
<td>S-333 Discharge</td>
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--------- Data Summary ---------

<table>
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<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tr>
<td>WCA-3A Stage (end of week)</td>
<td>11.53 ft. msl</td>
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</tr>
<tr>
<td>Angel's</td>
<td>7.21 ft. msl</td>
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<tr>
<td>G3273</td>
<td>7.30 ft. msl</td>
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Station

NEXRAD Rain for WCA-3A and S7 evaporation

<table>
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<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tr>
<td>S-140</td>
<td>2.37</td>
<td>1.22</td>
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<td>M</td>
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</table>

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

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

WCA-3A is in Zone A

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

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

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

Rainfall Excess Terms
RL1 0.09 RL2 0.07 RL3 -2.33

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

S-12 Discharge
S-333 Discharge

------- Data Summary -------
September 21, 2012  to  September 28, 2012

WCA-3A Stage (end of week)  11.33  ft. msl
Angel's  7.02  ft. msl
G3273  7.20  ft. msl

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

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

----- Transition Zone Information ----- WCA-3A is in Zone  A
Supplemental discharge is  MAX  cfs
Distance to Bottom of Transition Zone  -1.54  feet
Distance to Bottom of Regulatory Zone  -0.58  feet

----- Statistical Parameters ----- Rainfall Formula Amount  703  cfs
Last Week's Rainfall Formula  506  cfs
Pre-Project Mean Discharge  779  cfs
Rainfall Excess Terms
RL1  -0.87  RL2  -0.30  RL3  -2.34

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  September 25, 2012  to  October 1, 2012  MAX  cfs
S-12 Discharge  MAX  cfs
S-333 Discharge  MAX  cfs

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

Station          Rainfall (in)          Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 1.88          1.66

S-140 1.48
ENP M

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

----- Transition Zone Information -----  
WCA-3A is in Zone A
Supplemental discharge is MAX cfs
Distance to Bottom of Transition Zone -1.45 feet
Distance to Bottom of Regulatory Zone -0.45 feet

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

Rainfall Excess Terms RL1 -1.85 RL2 0.99 RL3 -2.80

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
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 18, 2012  to  September 24, 2012  MAX  cfs
S-12 Discharge
S-333 Discharge

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

September 7, 2012  to  September 14, 2012

<table>
<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tbody>
<tr>
<td>WCA-3A Stage (end of week)</td>
<td>11.00 ft. msl</td>
<td></td>
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<tr>
<td>Angel's</td>
<td>6.67 ft. msl</td>
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<tr>
<td>G3273</td>
<td>6.98 ft. msl</td>
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<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
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<td>1.66</td>
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<td>1.49</td>
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</table>

This Week's Avg  0.88  1.57
Pre-Project Avg  2.00  1.31

----- Transition Zone Information -----  
WCA-3A is in Zone  A
Supplemental discharge is  MAX  cfs
Distance to Bottom of Transition Zone  -1.30 feet
Distance to Bottom of Regulatory Zone  -0.30 feet

----- Statistical Parameters -----  
Rainfall Formula Amount  443 cfs
Last Week's Rainfall Formula  472 cfs
Pre-Project Mean Discharge  385 cfs
Rainfall Excess Terms
 RL1  -1.95  RL2  1.38  RL3  -3.18

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

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

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

Target Flow  September 11, 2012  to  September 17, 2012  MAX  cfs
S-12 Discharge  MAX  cfs
S-333 Discharge  MAX  cfs

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

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

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

S-140  1.43

ENP  M

This Week's Avg  1.39  1.47
Pre-Project Avg  1.90  1.34

----- Transition Zone Information -----  
WCA-3A is in Zone  A
Supplemental discharge is  MAX  cfs
Distance to Bottom of Transition Zone  -1.16 feet
Distance to Bottom of Regulatory Zone  -0.16 feet

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

Rainfall Excess Terms
RL1  1.92
RL2  -2.33
RL3  -3.63

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

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

Deliveries to Shark River Slough
Computed by Rainfall Plan

Average Rainfall (Inches)

Data Week Ending


Actual Rain
Historical Rain

Average Rainfall (Inches)

Data Week Ending


Actual Rain
Historical Rain

Average Rainfall (Inches)

Data Week Ending


Actual Rain
Historical Rain
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  September 4, 2012    to   September 10, 2012    MAX   cfs
S-12  Discharge    MAX   cfs
S-333  Discharge    MAX   cfs

-------- Data Summary --------  August 24, 2012 to  August 31, 2012
WCA-3A Stage (end of week)    10.61   ft. msl
Angel's    7.12   ft. msl
G3273    7.17   ft. msl

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<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
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<td>1.65</td>
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<td>S-140</td>
<td>1.21</td>
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<td>M</td>
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| This Week's Avg          | 4.48          | 1.43                  |
| Pre-Project Avg          | 1.89          | 1.36                  |

----- Transition Zone Information ----- 
WCA-3A is in Zone A
Supplemental discharge is MAX cfs
Distance to Bottom of Transition Zone -1.00 feet
Distance to Bottom of Regulatory Zone 0.00 feet

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

Rainfall Excess Terms
RL1 1.64   RL2 -2.34   RL3 -4.24

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

------- Data Summary -------
August 17, 2012 to August 24, 2012

WCA-3A Stage (end of week) 10.17 ft. msl
Angel's 6.54 ft. msl
G3273 6.91 ft. msl

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<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
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<td>1.63</td>
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<td>S-140</td>
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<td>1.20</td>
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<td>ENP</td>
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<td>M</td>
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This Week's Avg 0.85 1.41
Pre-Project Avg 1.73 1.40

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

WCA-3A is in Zone B
Supplemental discharge is 1520 cfs
Distance to Bottom of Transition Zone -0.61 feet
Distance to Bottom of Regulatory Zone 0.39 feet

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

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

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

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
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 21, 2012 to August 27, 2012 1981 cfs

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

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

August 10, 2012 to August 17, 2012

WCA-3A Stage (end of week) 10.25 ft. msl
Angel's 6.90 ft. msl
G3273 6.96 ft. msl

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

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

----- Transition Zone Information ----- WCA-3A is in Zone B
Supplemental discharge is 1834 cfs
Distance to Bottom of Transition Zone -0.73 feet
Distance to Bottom of Regulatory Zone 0.27 feet

----- Statistical Parameters ----- Rainfall Formula Amount 147 cfs
Last Week's Rainfall Formula 143 cfs
Pre-Project Mean Discharge 199 cfs
Rainfall Excess Terms
RL1 -0.27 RL2 -3.18 RL3 -3.57

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
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 14, 2012  to  August 20, 2012  2117 cfs

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

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

August 3, 2012  to  August 10, 2012

WCA-3A Stage (end of week)  10.26 ft. msl
Angel's  6.26 ft. msl
G3273  6.74 ft. msl

Station  Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation  1.48  1.30

S-140  1.52

ENP  M

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

----- Transition Zone Information -----  
WCA-3A is in Zone  B
Supplemental discharge is  1974 cfs
Distance to Bottom of Transition Zone  -0.79 feet
Distance to Bottom of Regulatory Zone  0.21 feet

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

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

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

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

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

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

----- Transition Zone Information -----  
WCA-3A is in Zone  B
Supplemental discharge is  2038  cfs
Distance to Bottom of Transition Zone  -0.82  feet
Distance to Bottom of Regulatory Zone  0.18  feet

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

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

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

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

Average Rainfall (Inches)

Data Week Ending


Deliveries to Shark River Slough
Computed by Rainfall Plan

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 31, 2012    to    August 6, 2012  2546 cfs

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

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

<table>
<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
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<td>1.86</td>
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<td>S-140</td>
<td>2.04</td>
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<td>ENP</td>
<td>M</td>
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This Week's Avg  1.44  1.95
Pre-Project Avg  1.92  1.42

----- Transition Zone Information -----  WCA-3A is in Zone B
Supplemental discharge is  2227 cfs
Distance to Bottom of Transition Zone  -0.89 feet
Distance to Bottom of Regulatory Zone  0.11 feet

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

Rainfall Excess Terms  RL1 -1.41  RL2 -2.87  RL3 1.18

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

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

Deliveries to Shark River Slough
Computed by Rainfall Plan

Average Rainfall (Inches)

Data Week Ending

27-Jan-2012
03-Feb-2012
10-Feb-2012
17-Feb-2012
24-Feb-2012
06-Mar-2012
13-Mar-2012
20-Mar-2012
27-Mar-2012
03-Apr-2012
10-Apr-2012
17-Apr-2012
24-Apr-2012
01-May-2012
08-May-2012
15-May-2012
22-May-2012
29-May-2012
05-Jun-2012
12-Jun-2012
19-Jun-2012
26-Jun-2012
03-Jul-2012
10-Jul-2012
17-Jul-2012
24-Jul-2012
31-Jul-2012

Operational Week Starting

Flow (CFS)

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

Actual Rain
Historical Rain
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

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

Station Rainfall (in) Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 1.58 1.72

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

----- Transition Zone Information ----- 
WCA-3A is in Zone B
Supplemental discharge is 2417 cfs
Distance to Bottom of Transition Zone -0.97 feet
Distance to Bottom of Regulatory Zone 0.03 feet

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

Rainfall Excess Terms
RL1 -1.11 RL2 -3.57 RL3 3.58

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

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

Deliveries to Shark River Slough
Computed by Rainfall Plan

- Average Rainfall (Inches)
- Data Week Ending
- Actual vs. Historical Rainfall
- Actual Rain
- Historical Rain

- 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  July 17, 2012  to  July 23, 2012  MAX  cfs
S-12 Discharge
S-333 Discharge

------- Data Summary -------  July 6, 2012  to  July 13, 2012
WCA-3A Stage (end of week)  10.31  ft. msl
Angel's  6.66  ft. msl
G3273  7.00  ft. msl

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<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>1.37</td>
<td>1.53</td>
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<td>S-140</td>
<td>1.48</td>
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</table>

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

----- Transition Zone Information -----  
WCA-3A is in Zone  A
Supplemental discharge is  MAX  cfs
Distance to Bottom of Transition Zone  -1.02  feet
Distance to Bottom of Regulatory Zone  -0.02  feet

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

Rainfall Excess Terms  
RL1  -2.22  RL2  -3.09  RL3  4.77

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  July 10, 2012 to  July 16, 2012  MAX cfs
S-12 Discharge
S-333 Discharge

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

Station  Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 0.66 1.72
S-140
ENP

This Week's Avg 0.66 1.73
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 -1.01 feet
Distance to Bottom of Regulatory Zone -0.02 feet

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

Rainfall Excess Terms
RL1 -3.12  RL2 -0.26  RL3 5.31

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow July 3, 2012 to July 9, 2012

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

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

June 22, 2012 to June 29, 2012

WCA-3A Stage (end of week) 10.30 ft. msl
Angel's 6.78 ft. msl
G3273 7.01 ft. msl

Station Rainfall (in) Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 0.72 1.62

S-140 1.70

ENP M

This Week's Avg 0.72 1.66
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 -1.00 feet
Distance to Bottom of Regulatory Zone -0.10 feet

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

Rainfall Formula Amount 666 cfs
Last Week's Rainfall Formula 696 cfs
Pre-Project Mean Discharge 94 cfs

Rainfall Excess Terms
RL1 -0.64 RL2 1.18 RL3 3.45

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  June 26, 2012  to  July 2, 2012  MAX  cfs
S-12 Discharge
S-333 Discharge

MAX  cfs

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

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

Station                  Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 2.84 1.50

S-140 1.51
ENP M

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

----- Transition Zone Information -----  
WCA-3A is in Zone A
Supplemental discharge is MAX cfs
Distance to Bottom of Transition Zone -0.88 feet
Distance to Bottom of Regulatory Zone -0.08 feet

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

Rainfall Excess Terms
RL1 -0.44  RL2 3.58  RL3 2.96

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
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 19, 2012 to June 25, 2012 2237 cfs

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

-------- Data Summary --------
June 8, 2012 to June 15, 2012

WCA-3A Stage (end of week) 10.01 ft. msl
Angel's 6.69 ft. msl
G3273 6.72 ft. msl

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

S-140 1.75
ENP M

This Week's Avg 0.86 1.97
Pre-Project Avg 1.83 1.55

----- Transition Zone Information ----- 
WCA-3A is in Zone B
Supplemental discharge is 1540 cfs
Distance to Bottom of Transition Zone -0.62 feet
Distance to Bottom of Regulatory Zone 0.09 feet

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

Rainfall Excess Terms
RL1 -2.44 RL2 4.77 RL3 2.24

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
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 12, 2012 to June 18, 2012 MAX cfs
S-12 Discharge MAX cfs
S-333 Discharge MAX cfs

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

Station Rainfall (in) Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 0.41 1.42

S-140 1.45
ENP M

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

----- Transition Zone Information ----- WCA-3A is in Zone A
Supplemental discharge is MAX cfs
Distance to Bottom of Transition Zone -0.63 feet
Distance to Bottom of Regulatory Zone -0.01 feet

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

Rainfall Excess Terms
RL1 0.18
RL2 5.31
RL3 -0.21

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
Deliveries to Shark River Slough
Computed by Rainfall Plan
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  June 5, 2012 to June 11, 2012  MAX  cfs
S-12 Discharge  MAX  cfs
S-333 Discharge  MAX  cfs

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

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

S-140  1.65
ENP  M

This Week's Avg  2.86  1.58
Pre-Project Avg  1.57  1.61

----- Transition Zone Information -----  
WCA-3A is in Zone A
Supplemental discharge is MAX cfs
Distance to Bottom of Transition Zone -0.55 feet
Distance to Bottom of Regulatory Zone -0.03 feet

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

Rainfall Excess Terms
RL1  3.62    RL2  3.45    RL3 -1.40

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

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

Average Rainfall (Inches)

Data Week Ending


Deliveries to Shark River Slough
Computed by Rainfall Plan

Flow (CFS)

Operational Week Starting


Actual Rain
Historical Rain
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

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

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

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

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

----- Transition Zone Information ----- WCA-3A is in Zone C
Supplemental discharge is 592 cfs
Distance to Bottom of Transition Zone -0.24 feet
Distance to Bottom of Regulatory Zone 0.26 feet

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

Rainfall Excess Terms
RL1 3.40 RL2 2.96 RL3 -2.59

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  May 22, 2012  to  May 28, 2012  322  cfs
S-12 Discharge  145  cfs
S-333 Discharge  177  cfs

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

Station  Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation  2.08  1.38
S-140  1.30
ENP  M

This Week's Avg  2.08  1.34
Pre-Project Avg  1.21  1.62

----- Transition Zone Information -----  
WCA-3A is in Zone  E
Supplemental discharge is  0  cfs
Distance to Bottom of Transition Zone  0.18  feet
Distance to Bottom of Regulatory Zone  0.68  feet

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

Rainfall Excess Terms
RL1  1.14
RL2  2.24
RL3  -1.83

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

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

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

Target Flow  May 15, 2012  to  May 21, 2012  243  cfs
S-12 Discharge  109  cfs
S-333 Discharge  133  cfs

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

Station          Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation  1.14  1.57

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

----- Transition Zone Information -----  
WCA-3A is in Zone  E
Supplemental discharge is  0  cfs
Distance to Bottom of Transition Zone  0.38  feet
Distance to Bottom of Regulatory Zone  0.88  feet

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

Rainfall Excess Terms
RL1  1.91
RL2  -0.21
RL3  -1.17

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  January 17, 2012 to January 23, 2012  419 cfs
S-12 Discharge  189 cfs
S-333 Discharge  231 cfs

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

<table>
<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>0.07</td>
<td>0.65</td>
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<tr>
<td>S-140</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENP</td>
<td></td>
<td></td>
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</table>

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

----- Transition Zone Information -----  
WCA-3A is in Zone  E
Supplemental discharge is  0 cfs
Distance to Bottom of Transition Zone  0.18 feet
Distance to Bottom of Regulatory Zone  0.52 feet

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

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

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow  May 8, 2012 to May 14, 2012  121 cfs
S-12 Discharge  55 cfs
S-333 Discharge  67 cfs

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

Station  Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 2.55 1.25
S-140  1.36
ENP  M

This Week's Avg  2.55  1.31
Pre-Project Avg  0.92  1.60

----- Transition Zone Information ----- 
WCA-3A is in Zone E
Supplemental discharge is 0 cfs
Distance to Bottom of Transition Zone 0.38 feet
Distance to Bottom of Regulatory Zone 0.88 feet

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

Rainfall Excess Terms
RL1  2.30  RL2 -1.40  RL3 -0.98

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow May 1, 2012 to May 7, 2012 0 cfs
S-12 Discharge 0 cfs
S-333 Discharge 0 cfs

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

Station Rainfall (in) Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 1.34 1.65
S-140 1.74
ENP M

This Week's Avg 1.34 1.69
Pre-Project Avg 0.80 1.58

----- Transition Zone Information ----- WCA-3A is in Zone E
Supplemental discharge is 0 cfs
Distance to Bottom of Transition Zone 0.68 feet
Distance to Bottom of Regulatory Zone 1.18 feet

----- Statistical Parameters ----- Rainfall Formula Amount -40 cfs
Last Week's Rainfall Formula -123 cfs
Pre-Project Mean Discharge 24 cfs
Rainfall Excess Terms
RL1 1.06
RL2 -2.59
RL3 -0.90

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
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 24, 2012  to  April 30, 2012  0 cfs

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

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

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

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

----- Transition Zone Information -----  
WCA-3A is in Zone  E
Supplemental discharge is  0 cfs
Distance to Bottom of Transition Zone  0.70 feet
Distance to Bottom of Regulatory Zone  1.20 feet

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

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

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

*NOTE:  Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

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

| WCA-3A Stage (end of week) | 9.07 ft. msl |
| Angel's | 3.85 ft. msl |
| G3273 | 4.07 ft. msl |

| Station | Rainfall (in) | Pan Evaporation (in) |
| NEXRAD Rain for WCA-3A and S7 evaporation | 0.15 | 1.79 |

| S-140 | 1.79 |
| ENP | M |

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

----- Transition Zone Information ----- 
WCA-3A is in Zone E
Supplemental discharge is | 0 cfs |
Distance to Bottom of Transition Zone | 0.74 feet |
Distance to Bottom of Regulatory Zone | 1.24 feet |

----- Statistical Parameters ----- 
Rainfall Formula Amount | -134 cfs |
Last Week's Rainfall Formula | -78 cfs |
Pre-Project Mean Discharge | 31 cfs |
Rainfall Excess Terms

| RL1 | -1.26 |
| RL2 | -1.17 |
| RL3 | 0.13 |

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

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

Data Week Ending

Deliveries to Shark River Slough
Computed by Rainfall Plan

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  April 10, 2012  to  April 16, 2012  0 cfs

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

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

Station          Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A
and S7 evaporation  0.36  1.73

S-140  2.10
ENP  M

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

----- Transition Zone Information -----  WCA-3A is in Zone E
Supplemental discharge is  0 cfs
Distance to Bottom of Transition Zone  0.64 feet
Distance to Bottom of Regulatory Zone  1.14 feet

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

Rainfall Excess Terms
RL1  -1.33  RL2  -0.98  RL3  0.36

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
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 3, 2012 to April 9, 2012  0 cfs

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

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


WCA-3A Stage (end of week)  9.35 ft. msl
Angel's  4.30 ft. msl
G3273  4.74 ft. msl

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<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>0.01</td>
<td>1.65</td>
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<td>S-140</td>
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<td>1.71</td>
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<td>M</td>
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This Week's Avg  0.01  1.68
Pre-Project Avg  0.54  1.41

----- Transition Zone Information -----  
WCA-3A is in Zone E
Supplemental discharge is  0 cfs
Distance to Bottom of Transition Zone  0.55 feet
Distance to Bottom of Regulatory Zone  1.05 feet

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

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

Rainfall Excess Terms

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<thead>
<tr>
<th>RL1</th>
<th>RL2</th>
<th>RL3</th>
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<tr>
<td>-1.32</td>
<td>-0.90</td>
<td>0.42</td>
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COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

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

March 16, 2012 to March 23, 2012

WCA-3A Stage (end of week) 9.50 ft. msl
Angel's 4.79 ft. msl
G3273 5.35 ft. msl

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<th>Pan Evaporation (in)</th>
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<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
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<td>1.46</td>
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<tr>
<td>S-140</td>
<td></td>
<td>1.65</td>
</tr>
<tr>
<td>ENP</td>
<td></td>
<td>M</td>
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</table>

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

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

WCA-3A is in Zone E

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

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

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

Rainfall Excess Terms

RL1 -0.50  RL2 -0.88  RL3 -0.10

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

------- Data Summary -------
March 9, 2012 to March 16, 2012

WCA-3A Stage (end of week) 9.63 ft. msl
Angel's 5.26 ft. msl
G3273 5.59 ft. msl

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

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

----- Transition Zone Information ----- 
WCA-3A is in Zone E
Supplemental discharge is 0 cfs
Distance to Bottom of Transition Zone 0.37 feet
Distance to Bottom of Regulatory Zone 0.87 feet

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

Rainfall Excess Terms
RL1 0.15 RL2 0.13 RL3 -1.33

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
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 13, 2012 to March 19, 2012  77 cfs

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

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

March 2, 2012 to March 9, 2012

WCA-3A Stage (end of week)  9.69 ft. msl
Angel's  4.71 ft. msl
G3273  5.27 ft. msl

Station  Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation  0.61  1.46

S-140  1.49

ENP  M

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

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

WCA-3A is in Zone  E
Supplemental discharge is  0 cfs
Distance to Bottom of Transition Zone  0.35 feet
Distance to Bottom of Regulatory Zone  0.85 feet

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

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

Rainfall Excess Terms
RL1  -0.48  RL2  0.36  RL3  -1.31

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.
**WCA-3A RAINFALL-BASED MANAGEMENT PLAN**

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

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

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

Station Rainfall (in) Pan Evaporation (in)
--------------- ------------ -------------
NEXRAD Rain for WCA-3A and S7 evaporation 0.03 1.25

S-140 1.49

ENP M

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

----- Transition Zone Information ----- WCA-3A is in Zone E
Supplemental discharge is 0 cfs
Distance to Bottom of Transition Zone 0.32 feet
Distance to Bottom of Regulatory Zone 0.82 feet

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

Rainfall Excess Terms

<table>
<thead>
<tr>
<th>RL1</th>
<th>RL2</th>
<th>RL3</th>
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</thead>
<tbody>
<tr>
<td>-1.05</td>
<td>0.42</td>
<td>-1.18</td>
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COMMENT: S7 estimated evap data and S140 evap data were used. ENP evap data were missing.

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

Target Flow    February 28, 2012    to    March 5, 2012    203 cfs
S-12 Discharge         91 cfs
S-333 Discharge        112 cfs

------- Data Summary -------
February 17, 2012    to    February 24, 2012

WCA-3A Stage (end of week)  9.87 ft. msl
Angel's                  5.29 ft. msl
G3273                    5.93 ft. msl

Station        Rainfall (in)        Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation  0.08        1.24

S-140        1.43
ENP          M

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

----- Transition Zone Information -----  
WCA-3A is in Zone E
Supplemental discharge is 0 cfs
Distance to Bottom of Transition Zone 0.27 feet
Distance to Bottom of Regulatory Zone 0.77 feet

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

Rainfall Excess Terms
RL1  -0.40  RL2  -0.10  RL3  -0.94

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

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

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

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

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

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<tr>
<th>Data Summary</th>
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<tbody>
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<td>WCA-3A Stage (end of week)</td>
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<td>Angel's</td>
<td>5.61 ft. msl</td>
</tr>
<tr>
<td>G3273</td>
<td>6.23 ft. msl</td>
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<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tbody>
<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>0.52</td>
<td>0.94</td>
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<tr>
<td>S-140</td>
<td>1.26</td>
<td></td>
</tr>
<tr>
<td>ENP</td>
<td>M</td>
<td></td>
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</table>

| This Week’s Avg | 0.52 | 1.10 |
| Pre-Project Avg | 0.35 | 1.01 |

### Transition Zone Information

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

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

### Statistical Parameters

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

<table>
<thead>
<tr>
<th>Rainfall Excess Terms</th>
<th>RL1</th>
<th>RL2</th>
<th>RL3</th>
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<tbody>
<tr>
<td></td>
<td>1.18</td>
<td>-1.33</td>
<td>-0.62</td>
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**COMMENT:** S7 and S140 evap data were used. ENP evap data were missing.

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

Average Rainfall (Inches)

Data Week Ending

Actual Rain
Historical Rain

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  February 14, 2012  to  February 20, 2012  206  cfs

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

------- Data Summary -------
February 3, 2012  to  February 10, 2012

WCA-3A Stage (end of week)  10.02  ft. msl
Angel's  6.15  ft. msl
G3273  6.38  ft. msl

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

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

----- Transition Zone Information -----  
WCA-3A is in Zone  E
Supplemental discharge is  0  cfs
Distance to Bottom of Transition Zone  0.21  feet
Distance to Bottom of Regulatory Zone  0.71  feet

----- Statistical Parameters -----  
Rainfall Formula Amount  206  cfs
Last Week's Rainfall Formula  177  cfs
Pre-Project Mean Discharge  110  cfs
Rainfall Excess Terms
RL1  0.76  RL2  -1.31  RL3  -0.44

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

*NOTE:  Actual discharges may vary from target discharges because of changing hydrologic conditions.
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 7, 2012 to February 13, 2012  177 cfs

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

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

<table>
<thead>
<tr>
<th>January 27, 2012 to February 3, 2012</th>
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<tbody>
<tr>
<td>WCA-3A Stage (end of week)</td>
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<tr>
<td>Angel's</td>
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<tr>
<td>G3273</td>
</tr>
</tbody>
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<table>
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<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tbody>
<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>0.03</td>
<td>0.90</td>
</tr>
<tr>
<td>S-140</td>
<td></td>
<td>0.87</td>
</tr>
<tr>
<td>ENP</td>
<td></td>
<td>M</td>
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</tbody>
</table>

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

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

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

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

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

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

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

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

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

WCA-3A Stage (end of week) 10.02 ft. msl
Angel's 5.28 ft. msl
G3273 6.08 ft. msl

Station  Rainfall (in)  Pan Evaporation (in)
NEXRAD Rain for WCA-3A and S7 evaporation 0.01 0.97

S-140 1.00
ENP M

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

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

WCA-3A is in Zone  E
Supplemental discharge is 0 cfs
Distance to Bottom of Transition Zone 0.30 feet
Distance to Bottom of Regulatory Zone 0.73 feet

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

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

Rainfall Excess Terms
RL1 -0.86
RL2 -0.94
RL3 -0.51

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

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

Average Rainfall (Inches)

Data Week Ending

Actual Rain 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 January 24, 2012 to January 30, 2012 341 cfs

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

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

January 13, 2012 to January 20, 2012

WCA-3A Stage (end of week) 10.12 ft. msl
Angel's 5.44 ft. msl
G3273 6.23 ft. msl

<table>
<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>0.00</td>
<td>0.83</td>
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<tr>
<td>S-140</td>
<td></td>
<td>0.96</td>
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<td>ENP</td>
<td></td>
<td>M</td>
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This Week's Avg 0.00 0.89
Pre-Project Avg 0.35 0.81

----- Transition Zone Information ----- WCA-3A is in Zone E

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

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

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

Rainfall Excess Terms

RL1 -0.56  RL2 -0.62  RL3 -0.63

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

*NOTE: Actual discharges may vary from target discharges because of changing hydrologic conditions.*
WCA-3A RAINFALL-BASED MANAGEMENT PLAN

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

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

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

December 30, 2011 to January 6, 2012

WCA-3A Stage (end of week) | 10.30 ft. msl
Angel's | 5.73 ft. msl
G3273 | 6.47 ft. msl

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<th>Station</th>
<th>Rainfall (in)</th>
<th>Pan Evaporation (in)</th>
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<tr>
<td>NEXRAD Rain for WCA-3A and S7 evaporation</td>
<td>0.02</td>
<td>0.76</td>
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<table>
<thead>
<tr>
<th>Station</th>
<th>Rainfall (in)</th>
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<td>S-140</td>
<td>0.85</td>
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<td>ENP</td>
<td>M</td>
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| This Week's Avg | 0.02 | 0.81 |
| Pre-Project Avg | 0.27 | 0.75 |

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

WCA-3A is in Zone E

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

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

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

Rainfall Excess Terms

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<tr>
<th>RL1</th>
<th>RL2</th>
<th>RL3</th>
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<tbody>
<tr>
<td>-0.61</td>
<td>-0.50</td>
<td>1.31</td>
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COMMENT: S7 and S140 evap data were used. ENP evap data were missing.

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

Deliveries to Shark River Slough
Computed by Rainfall Plan