

Flow and Gage Monitoring Records for Stillwater National Wildlife Refuge

2002

This file contains records of a survey of water flow, depth of water in the canal or unit (gage height), and other comments, through selected points in the drainage network. Measurements were taken from 1/7/2002 to 12/30/2002. Dates run from most recent date to last date in a series.

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 12/30/02

Recorder: NM

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 2.5 Harmon Outlet: 1.5	Diagonal Drain Total: 4.5		
Stillwater Point Reservoir Outlet: 8	To: Foxtail 0 To: W. Canal 8 To: E. Canal 0	3 2.58	
West Canal : 8 S-Line(ST-75): 0 Hunter: 0	To: Canvasback 0 To: Refuge 0		
East Canal :	To: Duff's 0 To: L. Foxtail 0 To: Doghead 0 To: E. Alkali #1 0 To: Pasture 0		
Upper Foxtail Outlet: E	To: L. Foxtail 0	1.68	
Upper Foxtail Outlet: W	To: L. Foxtail 0	2.58	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0		
W. Dry Lake Outlet:	To: Cattail 0		
West Canal WC-5: 10.5	To: Goose Lake 10.5 To: W. Dry Lake 0		
Doghead Outlet:	To: Division 0		
Division Pond	To: Cattail 0 To: Goose Bypass 0		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	Below Staff	
Goose Bypass	To: S. Nutgrass 0 To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.64	
Goose Lake Outlets	To: 4-Way 10.5 To: South Nutgrass 0	5.54	
4 -Way Structure	To: Swan Check 10.5 To: South Nutgrass 0 To: South Tule 0	6.30	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0	6.54 5.70	
South Tule Lake	To: 4-Way 0		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input checked="" type="radio"/>	6.56	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	5.64	
North Tule Lake	To: Swan Check <input type="radio"/>		
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: <input checked="" type="radio"/>	To: West Marsh <input checked="" type="radio"/> To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW <input checked="" type="radio"/>		
South Paiute	FLOW <input type="radio"/>		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW 4	.12	
D-Line at Indian Lakes	FLOW 15	.60	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 12-26-88

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <i>1.25</i> Harmon Outlet: <i>1.25</i>	Diagonal Drain Total: <i>2.25</i>		
Stillwater Point Reservoir Outlet: <i>(8)</i>	To: Foxtail <i>0</i> To: W. Canal <i>8</i> To: E. Canal <i>0</i>	<i>23.</i> <i>3.64</i>	
West Canal : <i>8</i> S-Line (ST-75): <i>0</i> Hunter: <i>0</i>	To: Canvasback <i>0</i> To: Refuge <i>8</i>		
East Canal :	To: Duff's <i>0</i> To: L. Foxtail <i>0</i> To: Doghead <i>0</i> To: E. Alkali #1 <i>0</i> To: Pasture <i>0</i>		
Upper Foxtail Outlet: E	To: L. Foxtail <i>0</i>	<i>.70</i>	
Upper Foxtail Outlet: W	To: L. Foxtail <i>0</i>	<i>2.48</i>	
Lower Foxtail Outlet:	To: Dry Lake <i>0</i> To: Doghead <i>0</i>	<i>Dry</i>	
W. Dry Lake Outlet:	To: Cattail <i>0</i>	<i>Dry</i>	
West Canal WC-5: <i>(3)</i>	To: Goose Lake <i>5</i> To: W. Dry Lake <i>0</i>		
Doghead Outlet:	To: Division <i>0</i>		
Division Pond	To: Cattail <i>0</i> To: Goose Bypass <i>0</i>	<i>Dry</i>	
Cattail Outlet: West #4 East #7	To: Division <i>0</i> To: Goose Lake <i>0</i> To: Goose Lake <i>0</i>	<i>Dry</i>	
Goose Bypass	To: S. Nutgrass <i>0</i> To: N. Nutgrass <i>0</i>		
East Alkali #1	To: Alkali #2 <i>0</i>	<i>1.66</i>	
Goose Lake Outlets	To: 4-Way <i>7.25</i> To: South Nutgrass <i>0</i>	<i>5.54</i>	
4 -Way Structure	To: Swan Check <i>7.25</i> To: South Nutgrass <i>0</i> To: South Tule <i>0</i>	<i>6.28</i>	
3-Way Structure	To: West Nutgrass <i>0</i> To: Pintail Bay <i>0</i>	<i>6.54</i> <i>5.72</i>	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake 4 cfs	6.54	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	5.62	
North Tule Lake	To: Swan Check <input type="radio"/>		
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: 1 cfs	To: West Marsh 2 cfs To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW 1 cfs		
South Paiute	FLOW 1 cfs		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW 5 cfs	Can't read staff	
D-Line at Indian Lakes	FLOW 15	.60	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments: 1. Lakes lake overflowed banks, gate between upper & lakes opened again. 10 cfs flowing to Papoose

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 12-9-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 2.5 Harmon Outlet: <i>[initials]</i>	Diagonal Drain Total: 3.5		
Stillwater Point Reservoir Outlet: <i>[initials]</i>	To: Foxtail <i>[initials]</i> To: W. Canal <i>[initials]</i> To: E. Canal <i>[initials]</i>	3.84	
West Canal : <i>[initials]</i> S-Line (ST-75): <i>[initials]</i> Hunter: <i>[initials]</i>	To: Canvasback <i>[initials]</i> To: Refuge <i>[initials]</i>		
East Canal :	To: Duff's <i>[initials]</i> To: L. Foxtail <i>[initials]</i> To: Doghead <i>[initials]</i> To: E. Alkali #1 <i>[initials]</i> To: Pasture <i>[initials]</i>		
Upper Foxtail Outlet: E	To: L. Foxtail <i>[initials]</i>	72	
Upper Foxtail Outlet: W	To: L. Foxtail <i>[initials]</i>	2.50	
Lower Foxtail Outlet:	To: Dry Lake <i>[initials]</i> To: Doghead <i>[initials]</i>	Dry	
W. Dry Lake Outlet:	To: Cattail <i>[initials]</i>		
West Canal WC-5:	To: Goose Lake <i>[initials]</i> To: W. Dry Lake <i>[initials]</i>	Add E. Canal & S. Tule	
Doghead Outlet:	To: Division <i>[initials]</i>		
Division Pond	To: Cattail <i>[initials]</i> To: Goose Bypass <i>[initials]</i>		
Cattail Outlet: West #4 East #7	To: Division <i>[initials]</i> To: Goose Lake <i>[initials]</i> To: Goose Lake <i>[initials]</i>		
Goose Bypass	To: S. Nutgrass <i>[initials]</i> To: N. Nutgrass <i>[initials]</i>		
East Alkali #1	To: Alkali #2 <i>[initials]</i>	1.76	
Goose Lake Outlets	To: 4-Way <i>[initials]</i> To: South Nutgrass <i>[initials]</i>	5.60	Pulled 1 board to 4 way
4 -Way Structure	To: Swan Check <i>[initials]</i> To: South Nutgrass <i>[initials]</i> To: South Tule <i>[initials]</i>	6.25	
3-Way Structure	To: West Nutgrass <i>[initials]</i> To: Pintail Bay <i>[initials]</i>	6.48 5.74	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake ○	6.48 ==	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 ○ To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○	5.40	
North Tule Lake	To: Swan Check ○		
West Marsh Millen's Landing	To: Swan Lake ○	Below Staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○	Dry	
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 ○ To: Navy Cabin:#11 ○		
D-Line /North Paiute FLOW: 235	To: West Marsh 300 To: South Lead ○ To: Lead Bypass ○		
T-J Canal	FLOW 100		
South Paiute	FLOW 200		
Big Indian Outlet	FLOW ○	Dry	
Upper Lake Spillway	FLOW ○	Below Staff	
D-Line at Indian Lakes	FLOW 23	.78	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 12-2-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <i>2.5</i> Harmon Outlet: <i>2.5</i>	Diagonal Drain Total: <i>7.5</i>		
Stillwater Point Reservoir Outlet: <i>5.5</i>	To: Foxtail <i>0</i> To: W. Canal <i>5.5</i> To: E. Canal <i>0</i>	<i>3.80</i>	
West Canal : <i>5.5</i> S-Line (ST-75): <i>0</i> Hunter: <i>0</i>	To: Canvasback <i>0</i> To: Refuge <i>5.5</i>		
East Canal :	To: Duff's <i>0</i> To: L. Foxtail <i>0</i> To: Doghead <i>0</i> To: E. Alkali #1 <i>0</i> To: Pasture <i>0</i>		
Upper Foxtail Outlet: E	To: L. Foxtail <i>0</i>	<i>.72</i>	
Upper Foxtail Outlet: W	To: L. Foxtail <i>0</i>	<i>2.54</i>	
Lower Foxtail Outlet:	To: Dry Lake <i>0</i> To: Doghead <i>0</i>	<i>Dry</i>	
<i>W.</i> Dry Lake Outlet:	To: Cattail <i>0</i>		
West Canal WC-5: <i>8.5</i>	To: Goose Lake <i>1.5</i> To: W. Dry Lake <i>7.5</i>		
Doghead Outlet:	To: Division <i>0</i>		
Division Pond	To: Cattail <i>0</i> To: Goose Bypass <i>0</i>		
Cattail Outlet: West #4 East #7	To: Division <i>0</i> To: Goose Lake <i>0</i> To: Goose Lake <i>0</i>	<i>2.58</i>	
Goose Bypass	To: S. Nutgrass <i>0</i> To: N. Nutgrass <i>0</i>		
East Alkali #1	To: Alkali #2 <i>0</i>	<i>1.76</i>	
Goose Lake Outlets	To: 4-Way <i>3.5</i> To: South Nutgrass <i>0</i>	<i>5.50</i>	
4 -Way Structure	To: Swan Check <i>3.5</i> To: South Nutgrass <i>0</i> To: South Tule <i>0</i>	<i>6.28</i>	
3-Way Structure	To: West Nutgrass <i>0</i> To: Pintail Bay <i>0</i>	<i>4.52</i> <i>5.76</i>	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 6.52	6.52	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	5.20	
North Tule Lake	To: Swan Check 0		
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 2.85	To: West Marsh 2.85 To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 2.85		
South Paiute	FLOW 2.85		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 3	.10	
D-Line at Indian Lakes	FLOW 28	.77	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 11-25-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="radio"/> Harmon Outlet: <input type="radio"/>	Diagonal Drain Total: <i>8.5</i>		
Stillwater Point Reservoir Outlet: <input type="radio"/> <i>4</i>	To: Foxtail <input type="radio"/> To: W. Canal <i>4</i> To: E. Canal <input type="radio"/>	<i>4.06</i>	
West Canal : <i>4</i> S-Line (ST-75): <input type="radio"/> Hunter: <input type="radio"/>	To: Canvasback <input type="radio"/> To: Refuge <i>4</i>		
East Canal :	To: Duff's <input type="radio"/> To: L. Foxtail <input type="radio"/> To: Doghead <input type="radio"/> To: E. Alkali #1 <input type="radio"/> To: Pasture <input type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	<i>.74</i>	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="radio"/>	<i>2.60</i>	
Lower Foxtail Outlet:	To: Dry Lake <input type="radio"/> To: Doghead <input type="radio"/>	<i>Dry</i>	
Dry Lake Outlet:	To: Cattail <input type="radio"/>		
West Canal WC-5: <i>West</i>	To: E. head <i>West</i> To: Goose Lake <input type="radio"/> To: W. Dry Lake <input type="radio"/>		
Doghead Outlet:	To: Division <input type="radio"/>		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass <input type="radio"/>		
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake <input type="radio"/> To: Goose Lake <input type="radio"/>	<i>2.66</i>	
Goose Bypass	To: S. Nutgrass <input type="radio"/> To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	<i>1.78</i>	
Goose Lake Outlets	To: 4-Way <i>West</i> To: South Nutgrass <input type="radio"/>	<i>5.48</i>	
4 -Way Structure	To: Swan Check <i>West</i> To: South Nutgrass <input type="radio"/> To: South Tule <input type="radio"/>	<i>6.42</i>	
3-Way Structure	From To: West Nutgrass <input type="radio"/> To: Pintail Bay <input type="radio"/>	<i>6.58</i> <i>5.80</i>	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input checked="" type="radio"/> 3.5	6.56	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	5.22	
North Tule Lake	To: Swan Check <input type="radio"/>		
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: <input type="radio"/>	To: West Marsh <input checked="" type="radio"/> 1.5 To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW <input checked="" type="radio"/> 1.5		
South Paiute	FLOW <input type="radio"/>		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW <input type="radio"/> 6	.16	
D-Line at Indian Lakes	FLOW <input type="radio"/> 27	.86	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 11-18-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="radio"/> Harmon Outlet: <input type="radio"/>	Diagonal Drain Total: ? (10)		
Stillwater Point Reservoir Outlet: <input type="radio"/> (1 est)	To: Foxtail <input type="radio"/> To: W. Canal <input type="radio"/> 1 est To: E. Canal <input type="radio"/>	4.06	
West Canal : <input type="radio"/> S-Line (ST-75): <input type="radio"/> Hunter: <input type="radio"/>	To: Canvasback <input type="radio"/> 1 To: Refuge <input type="radio"/>		
East Canal :	To: Duff's <input type="radio"/> To: L. Foxtail <input type="radio"/> To: Doghead <input type="radio"/> To: E. Alkali #1 <input type="radio"/> To: Pasture <input type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	.76	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="radio"/>	2.66	
Lower Foxtail Outlet:	To: Dry Lake <input type="radio"/> To: Doghead <input type="radio"/>	Dry	
W. Dry Lake Outlet:	To: Cattail <input type="radio"/>		
West Canal WC-5: 1 est	To: Goose Lake <input type="radio"/> To: W. Dry Lake <input type="radio"/>		
W. Canal East Doghead Outlet:	To: E. Head <input type="radio"/> 1 est To: Division <input type="radio"/>		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass <input type="radio"/>		
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake <input type="radio"/> To: Goose Lake <input type="radio"/>	2.72	
Goose Bypass	To: S. Nutgrass <input type="radio"/> To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	1.80	
Goose Lake Outlets	To: 4-Way <input type="radio"/> 10 est To: South Nutgrass <input type="radio"/> 1 est	5.60	
4-Way Structure	To: Swan Check <input type="radio"/> 10 est To: South Nutgrass <input type="radio"/> To: South Tule <input type="radio"/>	6.40	
3-Way Structure	From To: West Nutgrass <input type="radio"/> 12 est To: Pintail Bay <input type="radio"/>	6.56 6.32	1st Disk (Close)
South Tule Lake	To: 4-Way <input type="radio"/>		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake 15 cfs	6.37	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 10 cfs To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○	5.20	
North Tule Lake	To: Swan Check ○		
West Marsh Millen's Landing	To: Swan Lake ○	Below Staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○		
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 ○ To: Navy Cabin:#11 ○		
D-Line /North Paiute FLOW: ○	To: West Marsh 2 cfs To: South Lead ○ To: Lead Bypass ○		
T-J Canal	FLOW 2 cfs		
South Paiute	FLOW ○		
Big Indian Outlet	FLOW ○	Dry	
Upper Lake Spillway	FLOW ○	Below Staff	
D-Line at Indian Lakes	FLOW 35	1.0	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 11-12-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : Harmon Outlet:	Diagonal Drain Total:		
Stillwater Point Reservoir Outlet: <i>(62)</i>	To: Foxtail <i>0</i> To: W. Canal <i>62</i> To: E. Canal <i>0</i>	4.08	
West Canal : <i>3051</i> S-Line(ST-75): <i>1051</i> Hunter: <i>14</i>	To: Canvasback <i>14</i> To: Refuge <i>4051</i>	2.36	
East Canal :	To: Duff's <i>0</i> To: L. Foxtail <i>0</i> To: Doghead <i>0</i> To: E. Alkali #1 <i>0</i> To: Pasture <i>0</i>		
Upper Foxtail Outlet: E	To: L. Foxtail <i>0</i>	.76	
Upper Foxtail Outlet: W	To: L. Foxtail <i>0</i>	2.70	
Lower Foxtail Outlet:	To: Dry Lake <i>0</i> To: Doghead <i>0</i>	Dry	
W Dry Lake Outlet:	To: Cattail <i>0</i>	---	
West Canal WC-5:	To: Goose Lake <i>4051</i> To: W. Dry Lake <i>0</i>		
Doghead Outlet:	To: Division <i>0</i>		
Division Pond	To: Cattail <i>0</i> To: Goose Bypass <i>0</i>		
Cattail Outlet: West #4 East #7	To: Division <i>0</i> To: Goose Lake <i>1051</i> To: Goose Lake <i>0</i>	2.80	
Goose Bypass	To: S. Nutgrass <i>0</i> To: N. Nutgrass <i>0</i>		
East Alkali #1	To: Alkali #2 <i>0</i>	1.80	
Goose Lake Outlets	To: 4-Way To: South Nutgrass	5.78	
4-Way Structure	To: Swan Check <i>10051</i> To: South Nutgrass <i>0</i> To: South Tule <i>0</i>	--- 6.50	
3-Way Structure	From West Nutgrass <i>12051</i> To: Pintail Bay <i>12051</i>	6.68 6.32	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 8.55	Le. 44	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To: W.Nutgrass:#20 1.25 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Below Staff	
North Tule Lake	To: Swan Check 0		
West Marsh Millen's Landing	To: Swan Lake 0		
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 1.55	To: West Marsh 2.55 To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1.55		
South Paiute	FLOW 1.55		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Below Staff	
D-Line at Indian Lakes	FLOW 7	.38	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 11/4/02

Recorder: K. Mansfield

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="radio"/> Harmon Outlet: <input type="radio"/>	Diagonal Drain Total: 13 cfs		
Stillwater Point Reservoir Outlet: <input type="radio"/> 33	To: Foxtail 1 cfs To: W. Canal 30 cfs To: E. Canal 2 cfs	4.10	
West Canal: 30 cfs S-Line (ST-75): 26 cfs Hunter: 10 cfs	To: Canvasback 16 To: Refuge 56 cfs	2.44 2.38	
East Canal : <input type="radio"/>	To: Duff's <input type="radio"/> To: L. Foxtail <input type="radio"/> To: Doghead <input type="radio"/> To: E. Alkali #1 <input type="radio"/> To: Pasture <input type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	2.76	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="radio"/>	2.76	
Lower Foxtail Outlet: <input type="radio"/>	To: Dry Lake <input type="radio"/> To: Doghead <input type="radio"/>	2.74	
W. Dry Lake Outlet: <input type="radio"/>	To: Cattail <input type="radio"/>		
West Canal WC-5: <input type="radio"/>	To: Goose Lake 49 cfs To: W. Dry Lake 7 cfs		
Doghead Outlet: <input type="radio"/>	To: Division <input type="radio"/>		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass <input type="radio"/>		
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake 2 cfs To: Goose Lake <input type="radio"/>	2.88	
Goose Bypass	To: S. Nutgrass <input type="radio"/> To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	1.88	
Goose Lake Outlets	To: 4-Way 17 cfs To: South Nutgrass 30 cfs	6.06	
4-Way Structure	To: Swan Check 13 cfs To: South Nutgrass 2 cfs To: South Tule 2 cfs	4.50	
3-Way Structure	From To: West Nutgrass 6 cfs To: Pintail Bay 12 cfs	6.66 4.24	
South Tule Lake	To: 4-Way <input type="radio"/>		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 17 cfs	6.34 — —	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To: W.Nutgrass:#20 12 cfs To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Below Staff	
North Tule Lake	To: Swan Check 0		
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: (1 cfs)	To: West Marsh 2 cfs To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1 cfs		
South Paiute	FLOW 1 cfs		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Below Staff	
D-Line at Indian Lakes	FLOW 14	56	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 10-28-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 29 Harmon Outlet	Diagonal Drain Total: 110 uses		
Stillwater Point Reservoir Outlet: (33)	To: Foxtail 1 est To: W. Canal 34 est To: E. Canal 1 est	3.82	
West Canal : 31.2 S-Line (ST-75): 21 Hunter: 10 est	To: Canvasback 15 To: Refuge 34 est 42		
East Canal :	To: Duff's <input type="radio"/> To: L. Foxtail <input type="radio"/> To: Doghead <input type="radio"/> To: E. Alkali #1 <input type="radio"/> To: Pasture <input type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	.82	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="radio"/>	2.76	
Lower Foxtail Outlet:	To: Dry Lake <input type="radio"/> To: Doghead <input type="radio"/>	Dry	
Dry Lake Outlet:	To: Cattail <input type="radio"/>		
West Canal WC 5: 38 est	To: Goose Lake 38 est To: W. Dry Lake <input type="radio"/>		
Doghead Outlet:	To: Division <input type="radio"/>		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass <input type="radio"/>		
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake 1 est To: Goose Lake <input type="radio"/>	2.98	
Goose Bypass	To: S. Nutgrass <input type="radio"/> To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	1.92	
Goose Lake Outlets	To: 4-Way 20 est To: South Nutgrass 10 est	6.10	Pulled 1 board
4-Way Structure	To: Swan Check 16 est To: South Nutgrass 1 est To: South Tule 3 est	6.34	
3-Way Structure	To: West Nutgrass <input type="radio"/> To: Pintail Bay 2 est	6.46 5.70	Pulled 1 board Pulled 1 board
South Tule Lake	To: 4-Way <input type="radio"/>		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	6.46 — —	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input checked="" type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	Dry	
North Tule Lake	From Swan Check <input checked="" type="radio"/>		
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: <input checked="" type="radio"/>	To: West Marsh <input checked="" type="radio"/> To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW <input checked="" type="radio"/>		
South Paiute	FLOW <input checked="" type="radio"/>		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW <input type="radio"/>	Below Staff	
D-Line at Indian Lakes	FLOW <input checked="" type="radio"/>	16	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR, FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 10-21-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line: 2.55 Harmon Outlet: 71	Diagonal Drain Total: 85.55		
Stillwater Point Reservoir Outlet: (14)	To: Foxtail 0 To: W. Canal 14.55 To: E. Canal 0	3.32	
West Canal: 14 S-Line (ST-75): 26 Hunter: 0	To: Canvasback 10 To: Refuge 40	2.0 2.36	Pulled 1 board Hunter 5.55 to can club
East Canal:	To: Duff's 0 To: L. Foxtail 0 To: Doghead 0		
Upper Foxtail Outlet: E	<p>W. & S = Hold NUTGRASS GOOD</p> <p>Fill = N. Tule = Pintail 3 Swan L</p>	4	
Upper Foxtail Outlet: W		2.82	
Lower Fox Outlet:		Dry	
E. Dry La Outlet:			
West Cap WC-5		5.5	
Doghead			
Division Pond	To: Cattail 0 To: Goose Bypass 0		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	3.16	
Goose Bypass	To: S. Nutgrass 0 To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	2.02	
Goose Lake Outlets	To: 4-Way 20.55 To: South Nutgrass 8.55	5.94	
4-Way Structure	To: Swan Check 16.55 To: South Nutgrass 2.55 To: South Tule 2.55	6.48	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 2.55	6.34 5.74	
South Tule Lake	To: 4-Way 0		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 3.25 To: Swan Lake	6:32	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To: W.Nutgrass:#20 10.25 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Dry	
North Tule Lake	From To: Swan Check 4.25	Filling	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: (1.25)	To: West Marsh 2.25 To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1.25		
South Paiute	FLOW 1.25		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Filling	
D-Line at Indian Lakes	FLOW 6	.34	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 10-15-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 2 cfs Harmon Outlet: 60	Diagonal Drain Total: 71 cfs usgs		
Stillwater Point Reservoir Outlet: (51 cfs)	To: Foxtail 2 cfs To: W. Canal 34 cfs To: E. Canal 15 cfs	2.82	
West Canal : 24 cfs S-Line (ST-75): 30 Hunter: 6 cfs	To: Canvasback 13 To: Refuge 58 cfs		
East Canal :	To: Duff's 0 To: L. Foxtail 0 To: Doghead 15 cfs To: E. Alkali #1 0 To: Pasture 0		
Upper Foxtail Outlet: E	To: L. Foxtail 0	.90	
Upper Foxtail Outlet: W	To: L. Foxtail 0	2.88	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
W. Dry Lake Outlet:	To: Cattail 0		
West Canal WC-5:	To: Goose Lake 54 cfs To: W. Dry Lake 0		
Doghead Outlet:	To: Division 12 cfs		
Division Pond	To: Cattail 0 To: Goose Bypass 12 cfs		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 1 cfs To: Goose Lake 0	3.20	
Goose Bypass	To: S. Nutgrass 11 cfs To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	2.06	
Goose Lake Outlets	To: 4-Way 17 cfs To: South Nutgrass 22 cfs	584	
4-Way Structure	To: Swan Check 14 cfs To: South Nutgrass 2 cfs To: South Tule 2 cfs	6.42	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 3 cfs	5.92 filling	
South Tule Lake	To: 4-Way 0		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake ○	5.84	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 2.25 To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○		
North Tule Lake	To From Swan Check 2.25		
West Marsh Millen's Landing	To: Swan Lake ○	Below staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○	Dry	
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 ○ To: Navy Cabin:#1 ○		
D-Line /North Paiute FLOW: 2.25	To: West Marsh 2.25 To: South Lead ○ To: Lead Bypass ○		
T-J Canal	FLOW 1.25		
South Paiute	FLOW 1.25		
Big Indian Outlet	FLOW ○	Dry	
Upper Lake Spillway	FLOW ○	Below staff	
D-Line at Indian Lakes	FLOW 7	.39	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 10/7/02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <i>1-31</i> Harmon Outlet: <i>41</i>	Diagonal Drain Total: <i>54 usgs</i>		
Stillwater Point Reservoir Outlet: <i>(42)</i>	To: Foxtail <i>0</i> To: W. Canal <i>29</i> To: E. Canal <i>13</i>	<i>2.82</i>	<i>2.82</i> <i>8:07 AM gate open</i>
West Canal : <i>29</i> S-Line (ST-75): <i>35</i> Hunter: .	To: Canvasback <i>16</i> To: Refuge <i>56</i> <i>est</i>	<i>2.46</i> <i>2.70</i>	
East Canal :	To: Duff's <i>0</i> To: L. Foxtail <i>0</i> To: Doghead <i>0</i> To: E. Alkali #1 <i>0</i> To: Pasture <i>0</i>		
Upper Foxtail Outlet: E	To: L. Foxtail <i>0</i>	<i>.90</i>	
Upper Foxtail Outlet: W	To: L. Foxtail <i>0</i>	<i>2.92</i>	
Lower Foxtail Outlet:	To: Dry Lake <i>0</i> To: Doghead <i>0</i>	<i>Dry</i>	
E. Dry Lake Outlet:	To: Cattail <i>3</i> <i>est</i>		
West Canal WC-5:	To: Goose Lake <i>3</i> <i>est</i> To: W. Dry Lake <i>3</i> <i>est</i>		
Doghead Outlet:	To: Division <i>10</i> <i>est</i>		
Division Pond	To: Cattail <i>0</i> To: Goose Bypass <i>10</i> <i>est</i>		
Cattail Outlet: West #4 East #7	To: Division <i>0</i> To: Goose Lake <i>2</i> <i>est</i> To: Goose Lake <i>0</i>	<i>3.36</i>	
Goose Bypass	To: S. Nutgrass <i>9</i> <i>est</i> To: N. Nutgrass <i>0</i>		
East Alkali #1	To: Alkali #2 <i>0</i>	<i>2.12</i>	
Goose Lake Outlets	To: 4-Way <i>0</i> <i>est</i> To: South Nutgrass <i>3</i> <i>est</i>	<i>5.68</i>	
4 -Way Structure	To: Swan Check <i>10</i> <i>est</i> To: South Nutgrass <i>1</i> <i>est</i> To: South Tule <i>1</i> <i>est</i>	<i>6.20</i>	
3-Way Structure	To: West Nutgrass <i>0</i> To: Pintail Bay <i>0</i>		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way <input checked="" type="radio"/> To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	Dry	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input checked="" type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	Dry	
North Tule Lake	To: Swan Check <input checked="" type="radio"/>		
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: 2 cfs	To: West Marsh <input checked="" type="radio"/> To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW 1 cfs		
South Paiute	FLOW 2 cfs		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW <input checked="" type="radio"/>	Below Staff Dry	
D-Line at Indian Lakes	FLOW 1 cfs	Below Staff	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 9-24-02

Recorder: *mmf*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 30 Harmon Outlet: 47	Diagonal Drain Total:		
Stillwater Point Reservoir Outlet: (41)	To: Foxtail 0 To: W. Canal 20 To: E. Canal 21	2.52	ADDED 2 boards to E. Canal Pulled 1 board W. Canal Switch To 10 E. Canal 40 W. Canal. Pulled 1 board SPR
West Canal : 20 S-Line (ST-75): 7 Hunter: 5.5	To: Canvasback 10 To: Refuge 22.5		
East Canal :	To: Duff's 0 To: L. Foxtail 0 To: Doghead 0 To: E. Alkali #1 21.5 To: Pasture 0		switched from Alkali to Doghead
Upper Foxtail Outlet: E	To: L. Foxtail 0	1.04	
Upper Foxtail Outlet: W	To: L. Foxtail 0	2.62	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
W. Dry Lake Outlet:	To: Cattail 4.5		
West Canal WC-5:	To: Goose Lake 13 To: W. Dry Lake 4		
Doghead Outlet:	To: Division 3.5		
Division Pond	To: Cattail 0 To: Goose Bypass 3.5		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 1.5 To: Goose Lake 0	3.06	
Goose Bypass	To: S. Nutgrass 3.5 To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	2.28	ADDED 3 boards to Close
Goose Lake Outlets	To: 4-Way 2 To: South Nutgrass 0	4.68	
4-Way Structure	To: Swan Check 2.5 To: South Nutgrass 0 To: South Tule 0.5	5.88	closed S. Nutgrass to 4-Way
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0		
South Tule Lake	To: 4-Way 0		

10/3
[3.30] WLL

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake ○	Dry	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 5.5 To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		Pulled 1 board
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○	Dry	
North Tule Lake	To: Swan Check ○	Dry	
West Marsh Millen's Landing	To: Swan Lake ○	Below staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○	Dry	
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 ○ To: Navy Cabin:#11 ○		
D-Line /North Paiute FLOW: 2.5	To: West Marsh 3.5 To: South Lead ○ To: Lead Bypass ○		
T-J Canal	FLOW 1.5		
South Paiute	FLOW 2.5		
Big Indian Outlet	FLOW ○	Dry	
Upper Lake Spillway	FLOW ○	Dry	
D-Line at Indian Lakes	FLOW 1.5	can't read staff	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

Copy of Can.
Chart
for Robert

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 9-16-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 4 Harmon Outlet: 43	Diagonal Drain Total: 60 cfs		
Stillwater Point Reservoir Outlet: (34)	To: Foxtail 2 To: W. Canal 8 To: E. Canal 24	1.40	
West Canal : 8 S-Line (ST-75): 16 Hunter: 8	To: Canvasback 16 To: Refuge 16		
East Canal :	To: Duff's 5 cfs To: L. Foxtail 0 To: Doghead 14 cfs To: E. Alkali #1 10 cfs To: Pasture 0		Added 2 boards
Upper Foxtail Outlet: E	To: L. Foxtail 0	1.14	
Upper Foxtail Outlet: W	To: L. Foxtail 0	2.64	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
Dry Lake Outlet:	To: Cattail 8 cfs		
West Canal WC-5:	To: Goose Lake 8 cfs To: W. Dry Lake 8 cfs		Pulled 1 board
Doghead Outlet:	To: Division 14 cfs		
Division Pond	To: Cattail 0 To: Goose Bypass 14 cfs		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 3 cfs To: Goose Lake 0	2.88	
Goose Bypass	To: S. Nutgrass 14 cfs To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.80	
Goose Lake Outlets	To: 4-Way To: South Nutgrass	4.46	
4-Way Structure	To: Swan Check 1 cfs To: South Nutgrass 0 To: South Tule 1 cfs	5.78	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0	Dry	
South Tule Lake	To: 4-Way 0		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Dry	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To:W.Nutgrass:#20 2 cfs To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Dry	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0		
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 1 cfs	To: West Marsh 2 cfs To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1 cfs		
South Paiute	FLOW 1 cfs		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0		
D-Line at Indian Lakes	FLOW 3	.18	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

63 1/2 x 2 1/2

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 9-9-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 8 est Harmon Outlet: 41	Diagonal Drain Total: 52 est		
Stillwater Point Reservoir Outlet: 29	To: Foxtail 0 To: W. Canal 7 est To: E. Canal 22	2.32	Added 2 boards
West Canal : 5 est S-Line (ST-75): 24 Hunter:	To: Canvasback 5 est To: Refuge 2 24 est		
East Canal :	To: Duff's 4 To: L. Foxtail 0 To: Doghead 15 est To: E. Alkali #1 3 est To: Pasture 0		Pulled 1 board
Upper Foxtail Outlet: E	To: L. Foxtail 0	1.0	3 est from Duff's to upper foxtail
Upper Foxtail Outlet: W	To: L. Foxtail 0	1.90	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
W Dry Lake Outlet:	To: Cattail 3 est		
West Canal WC-5:	To: Goose Lake 13 est To: W. Dry Lake 3		
Doghead Outlet:	To: Division 15 est		
Division Pond	To: Cattail 0 To: Goose Bypass 15 est		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 1 est To: Goose Lake 0		
Goose Bypass	To: S. Nutgrass 15 est To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.64	
Goose Lake Outlets	To: 4-Way 0 To: South Nutgrass 0	Below Staff	
4-Way Structure	To: Swan Check 2 est To: South Nutgrass 0 To: South Tule 0	5.68	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0	Dry	
South Tule Lake	To: 4-Way 0	Dry	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Dry	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To:W.Nutgrass:#20 5.5 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Dry	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 2.5	To: West Marsh 4.5 To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 2.5		
South Paiute	FLOW 0		
Big Indian Outlet	FLOW 0		
Upper Lake Spillway	FLOW 0	Below Staff	
D-Line at Indian Lakes	FLOW 1.5		
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 8/19/02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 1.25 Harmon Outlet: 31	Diagonal Drain Total: 40.25		
Stillwater Point Reservoir Outlet: (24)	To: Foxtail 0 To: W. Canal 2.25 To: E. Canal 2.2	1.88	
West Canal : 0 S-Line (ST-75): 1.25 Hunter: 0	To: Canvasback 0 To: Refuge 1.25		
East Canal :	To: Duff's 3.25 To: L. Foxtail 0 To: Doghead 0 To: E. Alkali #1 1.25 To: Pasture 0		Switched to Alkali from Doghead
Upper Foxtail Outlet: E	To: L. Foxtail 0	.80	
Upper Foxtail Outlet: W	To: L. Foxtail 0	2.36	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
E. Dry Lake Outlet:	To: Cattail 0		
West Canal WC-5:	To: Goose Lake 1.25 To: W. Dry Lake 0		
Doghead Outlet:	To: Division 1.85		
Division Pond	To: Cattail 0 To: Goose Bypass 1.25		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	Dry	
Goose Bypass	To: S. Nutgrass 1.85 To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.66	
Goose Lake Outlets	To: 4-Way 0 To: South Nutgrass 0	Dry	
4-Way Structure	To: Swan Check 4.25 To: South Nutgrass 0 To: South Tule 0	5.68	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0		
South Tule Lake	To: 4-Way 0	Dry	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Dry	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0	Dry	
South Nutgrass	To: W.Nutgrass:#20 00 To: N.Nutgrass:#18 00 To: N.Nutgrass:#19 00		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Dry	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW (4)	To: West Marsh 0 To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 2.5		[2380] ppm
South Paiute 4	FLOW 0		[433] ppm
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Below Staff	
D-Line at Indian Lakes	FLOW 2	.14	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 8/12/02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 2 cfs Harmon Outlet: 21	Diagonal Drain Total: 41 cfs		25 cfs to Carson Lake
Stillwater Point Reservoir Outlet: (23 cfs)	To: Foxtail 1 cfs To: W. Canal 2 cfs To: E. Canal 20	1.82	
West Canal : 0 S-Line(ST-75): 6 Hunter: 0	To: Canvasback 0 To: Refuge 6	1.38	
East Canal :	To: Duff's 1 cfs To: L. Foxtail 0 To: Doghead 18 cfs To: E. Alkali #1 2 cfs To: Pasture 0		
Upper Foxtail Outlet: E	To: L. Foxtail 0	.72	
Upper Foxtail Outlet: W	To: L. Foxtail 0	2.50	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
E. Dry Lake Outlet:	To: Cattail 0	Dry	
West Canal WC-5:	To: Goose Lake 0 To: W. Dry Lake 20 cfs		
Doghead Outlet:	To: Division 18 cfs		
Division Pond	To: Cattail 0 To: Goose Bypass 18 cfs		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	Dry	
Goose Bypass	To: S. Nutgrass 18 cfs To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.78	
Goose Lake Outlets	To: 4-Way 0 To: South Nutgrass 0	Dry	
4-Way Structure	To: Swan Check 2 cfs To: South Nutgrass 0 To: South Tule 0	5.36	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Dry	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0	Dry	
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Dry	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 2 cfs	To: West Marsh 4 cfs To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 2 cfs		
South Paiute	FLOW 2 cfs		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0		
D-Line at Indian Lakes	FLOW 5	30	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

SPL @ 20 cfs

the
O'day
Receivers

July 1 ~~Receivers~~ 34

8 - 35

14 - 32

16 Can Club

22 - 30

16 E. Canal

29 - 34

44

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2.28 1550

2.10 1300

2.10

2.18

2.10 1300

1.89 =

SECTION G: Preliminary Underwriting Information

The following questions need to be answered by the proposed insured of this policy.

1. Do you have any other existing life insurance? ☐ Yes ☐ No

Company name	Policy type	Amount of insurance	Business or Personal	Policy #	Year issued

2. Will any existing life insurance or annuity be replaced, changed or used to pay for the insurance applied for in this application? ☐ Yes ☐ No

Company name	Policy type	Amount of insurance	Business or Personal	Policy #	Year issued

3. Within the last 6 months has any physician or medical practitioner diagnosed or treated you for heart trouble, stroke, or cancer? (If "Yes," please indicate the name and address of the physician and the diagnosis.)

☐ Yes ☐ No _____

4. Have you ever used any form of tobacco or nicotine-based product?

☐ Yes ☐ No If "Yes," when did you last use tobacco or nicotine-based product? _____

Type _____ Quantity/frequency _____

Do you have any other life insurance with any other company? (If "Yes," please indicate the company name and policy number.)

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 7-29-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 2 <i>est</i> Harmon Outlet: 20	Diagonal Drain Total: 34 <i>est</i>		25 <i>est</i> To Carson Lake
Stillwater Point Reservoir Outlet: (17)	To: Foxtail 0 To: W. Canal 1 <i>est</i> To: E. Canal 16 <i>est</i>	2.10	
West Canal : 0 S-Line (ST-75): 0 Hunter: 0	To: Canvasback 0 To: Refuge 0		
East Canal :	To: Duff's 0 To: L. Foxtail 0 To: Doghead 1 <i>est</i> To: E. Alkali #1 15 <i>est</i> To: Pasture 0		
Upper Foxtail Outlet: E	To: L. Foxtail 0	1.10	
Upper Foxtail Outlet: W	To: L. Foxtail 0	2.80	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
E. Dry Lake Outlet:	To: Cattail 0	Dry	
West Canal WC-5:	To: Goose Lake 0 To: W. Dry Lake 0		
Doghead Outlet:	To: Division 3 <i>est</i>		
Division Pond	To: Cattail 0 To: Goose Bypass 3 <i>est</i>		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	Dry	
Goose Bypass	To: S. Nutgrass 3 <i>est</i> To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.66	
Goose Lake Outlets	To: 4-Way 0 To: South Nutgrass 0	Dry	
4-Way Structure	To: Swan Check 1 <i>est</i> To: South Nutgrass 0 To: South Tule 0	5.52	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0	Dry	
South Tule Lake	To: 4-Way 0	Dry	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake ○	—	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 ○ To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○	Dry	
North Tule Lake	To: Swan Check ○	Dry	
West Marsh Millen's Landing	To: Swan Lake ○	Below Staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○	Dry	
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 ○ To: Navy Cabin:#11 ○		
D-Line /North Paiute FLOW: 4 est	To: West Marsh 5 est To: South Lead ○ To: Lead Bypass ○		
T-J Canal &	FLOW 1 est		
South Paiute	FLOW 2 est		
Big Indian Outlet	FLOW ○	Dry	
Upper Lake Spillway	FLOW	Dry	
D-Line at Indian Lakes	FLOW	Below Staff	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 7-22-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 2 cfs Harmon Outlet: 20	Diagonal Drain Total: 30 cfs		
Stillwater Point Reservoir Outlet: (3 cfs)	To: Foxtail 0 To: W. Canal 2 cfs To: E. Canal 11 cfs	2.18	
West Canal : 0 S-Line (ST-75): 0 Hunter: 0	To: Canvasback 0 To: Refuge 0		
East Canal :	To: Duff's 0 To: L. Foxtail 0 To: Doghead 10 cfs To: E. Alkali #1 0 To: Pasture 0		
Upper Foxtail Outlet: E	To: L. Foxtail 0	1.28	
Upper Foxtail Outlet: W	To: L. Foxtail 0	3.08	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
E. Dry Lake Outlet:	To: Cattail 0	Dry	
West Canal WC-5:	To: Goose Lake 0 To: W. Dry Lake 0		
Doghead Outlet:	To: Division 10 cfs		
Division Pond	To: Cattail 0 To: Goose Bypass 10 cfs		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	Dry	
Goose Bypass	To: S. Nutgrass 10 cfs To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.64	
Goose Lake Outlets	To: 4-Way 0 To: South Nutgrass 0	Dry	
4-Way Structure	To: Swan Check 2 cfs To: South Nutgrass 0 To: South Tule 0	5.48	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0	Dry	
South Tule Lake	To: 4-Way 0	Dry	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Dry	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To:W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Dry	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 2 cfs	To: West Marsh 3 cfs To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1 cfs		
South Paiute	FLOW 2 cfs		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Dry	
D-Line at Indian Lakes	FLOW 3	.20	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 7/14/02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="radio"/> Harmon Outlet: <input type="radio"/>	Diagonal Drain Total: 32 cfs		30 cfs To Carson Lake U.S.G.S. Station 38 cfs Difference of 8 cfs
Stillwater Point Reservoir Outlet: (32)	To: Foxtail <input type="radio"/> To: W. Canal 16 To: E. Canal 16	2.10	
West Canal : <input type="radio"/> S-Line (ST-75): <input type="radio"/> Hunter: <input type="radio"/>	To: Canvasback 13 To: Refuge 3 cfs		
East Canal : (16)	To: Duff's <input type="radio"/> To: L. Foxtail <input type="radio"/> To: Doghead 13 cfs To: E. Alkali #1 1 cfs To: Pasture <input type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	1.42	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="radio"/>	3.22	
Lower Foxtail Outlet:	To: Dry Lake <input type="radio"/> To: Doghead <input type="radio"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input type="radio"/>	Dry	
West Canal WC-5:	To: Goose Lake 2 cfs To: W. Dry Lake <input type="radio"/>		
Doghead Outlet:	To: Division 1 cfs		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass 10 cfs		
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake <input type="radio"/> To: Goose Lake <input type="radio"/>	Dry	
Goose Bypass	To: S. Nutgrass 8 cfs To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	1.62	
Goose Lake Outlets	To: 4-Way <input type="radio"/> To: South Nutgrass <input type="radio"/>	Dry	
4-Way Structure	To: Swan Check 1 cfs To: South Nutgrass <input type="radio"/> To: South Tule <input type="radio"/>	5.42	
3-Way Structure	To: West Nutgrass <input type="radio"/> To: Pintail Bay <input type="radio"/>	Dry Dry	
South Tule Lake	To: 4-Way <input type="radio"/>		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Dry	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0	Dry	
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Dry	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0	Dry	
D-Line /North Paiute FLOW: 1.5	To: West Marsh 3 est To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 2 est		
South Paiute	FLOW 1 est		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Below Staff	
D-Line at Indian Lakes	FLOW 3	.20	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 7-8-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 3 <i>est</i> Harmon Outlet: 21	Diagonal Drain Total: 35 <i>est</i>		
Stillwater Point Reservoir Outlet: (23)	To: Foxtail <input type="radio"/> To: W. Canal <input type="radio"/> To: E. Canal 23 <i>est</i>	2.28	
West Canal : <input type="radio"/> S-Line (ST-75): <i>est</i> Hunter: <input type="radio"/>	To: Canvasback <i>est</i> To: Refuge <input type="radio"/>		
East Canal :	To: Duff's 2 <i>est</i> To: L. Foxtail <input type="radio"/> To: Doghead <i>est</i> To: E. Alkali #1 5 <i>est</i> To: Pasture <input type="radio"/>	15 <i>est</i>	
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	1.64	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="radio"/>	3.36	
Lower Foxtail Outlet:	To: Dry Lake <input type="radio"/> To: Doghead <input type="radio"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input type="radio"/>	Dry	
West Canal WC-5:	To: Goose Lake <input type="radio"/> To: W. Dry Lake <input type="radio"/>		
Doghead Outlet:	To: Division 12 <i>est</i>		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass 10 <i>est</i>		
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake <input type="radio"/> To: Goose Lake <input type="radio"/>	Dry	
Goose Bypass	To: S. Nutgrass 10 <i>est</i> To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	1.42	
Goose Lake Outlets	To: 4-Way <input type="radio"/> To: South Nutgrass <input type="radio"/>	Dry	
4-Way Structure	To: Swan Check <i>est</i> To: South Nutgrass <input type="radio"/> To: South Tule <input type="radio"/>	5.46	
3-Way Structure	To: West Nutgrass <input type="radio"/> To: Pintail Bay <input type="radio"/>	Dry	
South Tule Lake	To: 4-Way <input type="radio"/>	Dry	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Below Staff	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0	Dry	
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Dry	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0	Dry	
D-Line /North Paiute FLOW: 1.5T	To: West Marsh 2.5T To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1.5T		
South Paiute	FLOW 1.5T		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Below Staff	
D-Line at Indian Lakes	FLOW 40	1.08	Wolf Irrigating
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 7-1-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line 55 Harmon Outlet: 21	Diagonal Drain Total: 34		
Stillwater Point Reservoir Outlet: (17)	To: Foxtail 0 To: W. Canal 0 To: E. Canal 17	2.34	
West Canal: 0 S-Line (ST-75): 1.5 Hunter: 0	To: Canvasback 1.5 To: Refuge 0		
East Canal:	To: Duff's 1.5 To: L. Foxtail 0 To: Doghead 1.5 To: E. Alkali #1 0 To: Pasture 0		
Upper Foxtail Outlet: E	To: L. Foxtail 0	1.40	
Upper Foxtail Outlet: W	To: L. Foxtail 0	3.10	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
E. Dry Lake Outlet:	To: Cattail 0	Dry	
West Canal WC-5:	To: Goose Lake 0 To: W. Dry Lake 0		
Doghead Outlet:	To: Division 1.35		
Division Pond	To: Cattail 0 To: Goose Bypass 1.25		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	Dry	
Goose Bypass	To: S. Nutgrass 1.05 To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.60	
Goose Lake Outlets	To: 4-Way 0 To: South Nutgrass 0	Dry	
4-Way Structure	To: Swan Check 3.05 To: South Nutgrass 0 To: South Tule 0	5.46	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0	Dry	
South Tule Lake	To: 4-Way 0	Dry	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Dry	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0	Dry	
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Dry	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below station	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: <u>3 est</u>	To: West Marsh 0 4 est To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1 est		
South Paiute	FLOW 3 est		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Dry	
D-Line at Indian Lakes	FLOW 2	.16	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 6-24-02

Recorder: *m m f*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 3 <i>est</i> Harmon Outlet: 19	Diagonal Drain Total: 31 <i>est</i>		<i>fast To S. Pasture</i>
Stillwater Point Reservoir Outlet: (15)	To: Foxtail 0 To: W. Canal 0 To: E. Canal 15	2.30	
West Canal : 0 S-Line(ST-75): 1 <i>est</i> Hunter: 0	To: Canvasback 1 <i>est</i> To: Refuge 0		
East Canal :	To: Duff's 1 <i>est</i> To: L. Foxtail 0 To: Doghead 13 <i>est</i> To: E. Alkali #1 0 To: Pasture 0		
Upper Foxtail Outlet: E	To: L. Foxtail	<i>Wet</i>	
Upper Foxtail Outlet: W	To: L. Foxtail	<i>To</i>	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	<i>Dry</i>	
E. Dry Lake Outlet:	To: Cattail 0	<i>Dry</i>	
West Canal WC-5:	To: Goose Lake 0 To: W. Dry Lake 0		
Doghead Outlet:	To: Division 10 <i>est</i>		
Division Pond	To: Cattail 0 To: Goose Bypass 10 <i>est</i>		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	<i>Dry</i>	
Goose Bypass	To: S. Nutgrass 10 <i>est</i> To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.76	
Goose Lake Outlets	To: 4-Way 0 To: South Nutgrass 0	<i>Dry</i>	
4-Way Structure	To: Swan Check 2 <i>est</i> To: South Nutgrass 1 <i>est</i> To: South Tule 1 <i>est</i>	5.48	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0	<i>Dry</i>	
South Tule Lake	To: 4-Way 0	<i>Dry</i>	

7/12/50 Amw1 @ Indian Lake
Brook 8-TTC

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Below Staff	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0	Dry	
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Below Staff	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 4 est	To: West Marsh 4 est To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1 est		
South Paiute	FLOW 3 est		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Dry	
D-Line at Indian Lakes	FLOW 1 est	Below Staff	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 6-17-02

Recorder: *W. M. Miller*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line: 2 est Harmon Outlet: 0	Diagonal Drain Total: 9 est		8 est to S. Pasture
Stillwater Point Reservoir Outlet: (16)	To: Foxtail 0 To: W. Canal 0 To: E. Canal 16	2.36	
West Canal: 0 S-Line (ST-75): 0 Hunter: 0	To: Canvasback 0 To: Refuge 0		
East Canal: (16 est)	To: Duff's 2 est To: L. Foxtail 0 To: Doghead 14 est To: E. Alkali #1 0 To: Pasture 0		
Upper Foxtail Outlet: E	To: L. Foxtail 0	1.20	
Upper Foxtail Outlet: W	To: L. Foxtail 0	2.38	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
E. Dry Lake Outlet:	To: Cattail 0	Dry	
West Canal WC-5:	To: Goose Lake 0 To: W. Dry Lake 0		
Doghead Outlet:	To: Division 12 est		
Division Pond	To: Cattail 0 To: Goose Bypass 12 est		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	Dry	
Goose Bypass	To: S. Nutgrass 12 est To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.90	
Goose Lake Outlets	To: 4-Way 0 To: South Nutgrass 0	Dry	
4-Way Structure	To: Swan Check 0 To: South Nutgrass 0 To: South Tule 0	5.36	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0	Dry	
South Tule Lake	To: 4-Way 0		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Below staff	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0	Dry	
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Below staff	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 1 cfs	To: West Marsh 4 cfs To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 3 cfs		
South Paiute	FLOW 2 cfs		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Below staff	
D-Line at Indian Lakes	FLOW 1	.10	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 6-10-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 2 <i>est</i> Harmon Outlet: <i>2</i>	Diagonal Drain Total: <i>32 est</i>	2.44	<i>10 est To S. Pasture</i>
Stillwater Point Reservoir Outlet: <i>(18)</i>	To: Foxtail <i>0</i> To: W. Canal <i>0</i> To: E. Canal <i>18</i>	2.38	
West Canal : <i>0</i> S-Line (ST-75): <i>1 est</i> Hunter: <i>0</i>	To: Canvasback <i>1 est</i> To: Refuge <i>0</i>		
East Canal : <i>(18)</i>	To: Duff's <i>0</i> To: L. Foxtail <i>0</i> To: Doghead <i>2 18 est</i> To: E. Alkali #1 <i>0</i> To: Pasture <i>0</i>		<i>From E canal (closed) 1 est from Duff to upper foxtail Added 2 boards closed</i>
Upper Foxtail Outlet: E	To: L. Foxtail <i>0</i>	1.10	
Upper Foxtail Outlet: W	To: L. Foxtail <i>0</i>	2.46	
Lower Foxtail Outlet:	To: Dry Lake <i>0</i> To: Doghead <i>0</i>	<i>Dry</i>	
E. Dry Lake Outlet:	To: Cattail <i>0</i>		
West Canal WC-5:	To: Goose Lake <i>0</i> To: W. Dry Lake <i>0</i>		
Doghead Outlet:	To: Division <i>2 est</i>		<i>Pulled 2 boards</i>
Division Pond	To: Cattail <i>0</i> To: Goose Bypass <i>0</i>		
Cattail Outlet: West #4 East #7	To: Division <i>0</i> To: Goose Lake <i>0</i> To: Goose Lake <i>0</i>	<i>Dry</i>	
Goose Bypass	To: S. Nutgrass <i>0</i> To: N. Nutgrass <i>0</i>		
East Alkali #1	To: Alkali #2 <i>0</i>	1.90	
Goose Lake Outlets	To: 4-Way <i>0</i> To: South Nutgrass <i>0</i>	<i>Dry</i>	
4-Way Structure	To: Swan Check <i>0</i> To: South Nutgrass <i>0</i> To: South Tule <i>0</i>	5.56	
3-Way Structure	To: West Nutgrass <i>0</i> To: Pintail Bay <i>0</i>	<i>Dry</i>	
South Tule Lake	To: 4-Way <i>0</i>		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	Dry 111	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	Below Staff	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 5 est	To: West Marsh 6 est To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1 est		
South Paiute	FLOW 5 est		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Below Staff	
D-Line at Indian Lakes	FLOW 2	.16	Closed at Wolfs Take-out
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 6-3-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line: <i>1.5</i> Harmon Outlet: <i>0</i>	Diagonal Drain Total: <i>1.0 2.5</i>		
Stillwater Point Reservoir Outlet: <i>1.6</i>	To: Foxtail <i>0</i> To: W. Canal <i>0</i> To: E. Canal <i>1.6</i>	2.54	
West Canal: <i>0</i> S-Line (ST-75): <i>1.5</i> Hunter: <i>0</i>	To: Canvasback <i>2.5</i> To: Refuge <i>0</i>		
East Canal:	To: Duff's <i>4</i> To: L. Foxtail <i>0</i> To: Doghead <i>0</i> To: E. Alkali #1 <i>1.2</i> To: Pasture <i>0</i>		
Upper Foxtail Outlet: E	To: L. Foxtail <i>0</i>	1.34	
Upper Foxtail Outlet: W	To: L. Foxtail <i>0</i>	2.48	
Lower Foxtail Outlet:	To: Dry Lake <i>0</i> To: Doghead <i>0</i>	Dry	
E. Dry Lake Outlet:	To: Cattail <i>0</i>	Dry	
West Canal WC-5:	To: Goose Lake <i>0</i> To: W. Dry Lake <i>0</i>		
Doghead Outlet:	To: Division <i>0</i>	No STAFF	
Division Pond	To: Cattail <i>0</i> To: Goose Bypass <i>0</i>	Dry	
Cattail Outlet: West #4 East #7	To: Division <i>0</i> To: Goose Lake <i>0</i> To: Goose Lake <i>0</i>	Dry	
Goose Bypass	To: S. Nutgrass <i>0</i> To: N. Nutgrass <i>0</i>		
East Alkali #1	To: Alkali #2 <i>0</i>	1.64	
Goose Lake Outlets	To: 4-Way <i>0</i> To: South Nutgrass <i>0</i>	Dry	
4 -Way Structure	To: Swan Check <i>0</i> To: South Nutgrass <i>0</i> To: South Tule <i>0</i>	5.82	
3-Way Structure	To: West Nutgrass <i>0</i> To: Pintail Bay <i>0</i>	Dry	
South Tule Lake	To: 4-Way <i>0</i>		

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	Dry Bounded @ 4-Way	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	Below Staff	
North Tule Lake	To: Swan Check <input type="radio"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>		
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW <input type="radio"/>	To: West Marsh 13 est To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW 2 est		
South Paiute	FLOW 11 est		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW <input type="radio"/>	Below Staff	
D-Line at Indian Lakes	FLOW 2	.16	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 5/28/02

Recorder: *[Signature]*Control point
1011
1992

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <i>(55)</i> Harmon Outlet: 25	Diagonal Drain Total: <i>38 cfs</i>		
Stillwater Point Reservoir Outlet: <i>(18)</i>	To: Foxtail <i>0</i> To: W. Canal <i>0</i> To: E. Canal <i>18</i>	2.62	
West Canal : <i>0</i> S-Line (ST-75): <i>(55)</i> Hunter: <i>0</i>	To: Canvasback <i>(55)</i> To: Refuge <i>0</i>		
East Canal :	To: Duff's <i>5</i> To: L. Foxtail <i>0</i> To: Doghead To: E. Alkali #1 <i>0</i> To: Pasture <i>0</i>		
Upper Foxtail Outlet: E	To: L. Foxtail <i>0</i>	1.16	Best from Duff's to upper foxtail
Upper Foxtail Outlet: W	To: L. Foxtail <i>0</i>	2.28	
Lower Foxtail Outlet:	To: Dry Lake <i>0</i> To: Doghead <i>0</i>	Dry	
E. Dry Lake Outlet:	To: Cattail <i>0</i>	Dry	
West Canal WC-5:	To: Goose Lake <i>0</i> To: W. Dry Lake <i>0</i>		
Doghead Outlet:	To: Division <i>13 cfs</i>		
Division Pond	To: Cattail <i>0</i> To: Goose Bypass <i>13 cfs</i>		
Cattail Outlet: West #4 East #7	To: Division <i>0</i> To: Goose Lake <i>0</i> To: Goose Lake <i>0</i>	Dry	
Goose Bypass	To: S. Nutgrass <i>13 cfs</i> To: N. Nutgrass <i>0</i>		
East Alkali #1	To: Alkali #2 <i>0</i>	1.52	
Goose Lake Outlets	To: 4-Way <i>0</i> To: South Nutgrass <i>0</i>	Dry	
4 -Way Structure	To: Swan Check <i>5 cfs</i> To: South Nutgrass <i>0</i> To: South Tule <i>0</i>		
3-Way Structure	To: West Nutgrass <i>0</i> To: Pintail Bay <i>0</i>	Almost Dry Dry	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	5.24	Still losing
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0		
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 5 est	To: West Marsh 6 est To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1 est		
South Paiute	FLOW 5 est		
Big Indian Outlet	FLOW 0	Dry	
Upper Lake Spillway	FLOW 0	Below Staff	
D-Line at Indian Lakes	FLOW 3	.20	D-line boarded up at Wolf's Take-out
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 5/20/02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 25 Harmon Outlet: 0	Diagonal Drain Total: 11 25		
Stillwater Point Reservoir Outlet: (22)	To: Foxtail 0 To: W. Canal 0 To: E. Canal 22 25	2.60	
West Canal : 0 S-Line (ST-75): 1 25 Hunter: 0	To: Canvasback 1 25 To: Refuge 0		
East Canal :	To: Duff's 0 To: L. Foxtail 0 To: Doghead 22 25 To: E. Alkali #1 0 To: Pasture 0		
Upper Foxtail Outlet: E	To: L. Foxtail 0	56 Bridge	
Upper Foxtail Outlet: W	To: L. Foxtail 0	2.50	
Lower Foxtail Outlet:	To: Dry Lake 0 To: Doghead 0	Dry	
E. Dry Lake Outlet:	To: Cattail 0	Dry	
West Canal WC-5:	To: Goose Lake 0 To: W. Dry Lake 0		
Doghead Outlet:	To: Division 20 25		
Division Pond	To: Cattail 0 To: Goose Bypass 20 25		
Cattail Outlet: West #4 East #7	To: Division 0 To: Goose Lake 0 To: Goose Lake 0	Dry	
Goose Bypass	To: S. Nutgrass 20 25 To: N. Nutgrass 0		
East Alkali #1	To: Alkali #2 0	1.68	
Goose Lake Outlets	To: 4-Way 0 To: South Nutgrass 0	Dry	
4-Way Structure	To: Swan Check 1 25 To: South Nutgrass 0 To: South Tule 0	2.42	
3-Way Structure	To: West Nutgrass 0 To: Pintail Bay 0	5.04 Dry	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	5.20	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		going fast
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	Below Staff	Pump?
North Tule Lake	To: Swan Check <input type="radio"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: <input type="radio"/>	To: West Marsh (2 est) <input type="radio"/> To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW 2 est		
South Paiute	FLOW 6 est		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW <input type="radio"/>	Below Staff	
D-Line at Indian Lakes	FLOW 2	.16	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 4-22-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 2 ⁵⁵ Harmon Outlet: <input type="radio"/>	Diagonal Drain Total: 7 ⁵⁵		6 ⁵⁵ to South Pasture
Stillwater Point Reservoir Outlet: <input type="radio"/> (12)	To: Foxtail <input type="radio"/> To: W. Canal <input type="radio"/> To: E. Canal 12	2.82	
West Canal : <input type="radio"/> S-Line(ST-75): <input type="radio"/> Hunter: <input type="radio"/>	To: Canvasback <input type="radio"/> To: Refuge <input type="radio"/>	1.02	
East Canal :	To: Duff's <input type="radio"/> To: L. Foxtail <input type="radio"/> To: Doghead 12 ⁵⁵ To: E. Alkali #1 <input type="radio"/> To: Pasture <input type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	4.32	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="radio"/>	3.0	
Lower Foxtail Outlet:	To: Dry Lake <input type="radio"/> To: Doghead <input type="radio"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input type="radio"/>	Dry	
West Canal WC-5:	To: Goose Lake <input type="radio"/> To: W. Dry Lake <input type="radio"/>		
Doghead Outlet:	To: Division 12 ⁵⁵		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass 12 ⁵⁵		
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake <input type="radio"/> To: Goose Lake <input type="radio"/>	Dry	
Goose Bypass	To: S. Nutgrass 12 ⁵⁵ To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	2.10	
Goose Lake Outlets	To: 4-Way <input type="radio"/> To: South Nutgrass <input type="radio"/>	Below Staff	
4-Way Structure	To: Swan Check <input type="radio"/> To: South Nutgrass <input type="radio"/> To: South Tule <input type="radio"/>	5.94	
3-Way Structure	To: West Nutgrass <input type="radio"/> To: Pintail Bay <input type="radio"/>	5.70 5.36	

Bales still in the Harmon outlet
Beaver Dam still in the Diagonal 1¹/₂ mile down
stream from Diagonal Harmon merger

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake ○	5.74	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 ○ To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○	5.04	Dead Battery
North Tule Lake	To: Swan Check ○	Dry	
West Marsh Millen's Landing	To: Swan Lake ○	Below Staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○	Dry	
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 (est) ○ To: Navy Cabin:#11 ○		
D-Line /North Paiute FLOW: (11)	To: West Marsh (est) ○ To: South Lead ○ To: Lead Bypass ○		
T-J Canal	FLOW 2 est		
South Paiute	FLOW 11 est	Dead Battery	
Big Indian Outlet	FLOW ○	Dry	
Upper Lake Spillway	FLOW ○	Below Staff	
D-Line at Indian Lakes	FLOW 4	.26	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

Date: 4-15-02

Recorder: *[Signature]*

FLOW, GAGE AND CONDUCTIVITY READINGS

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <i>1.5</i> Harmon Outlet: <input type="checkbox"/>	Diagonal Drain Total: <i>7.5</i>		<i>8.5</i> going to S. Pasture
Stillwater Point Reservoir Outlet: <i>(17)</i>	To: Foxtail <input type="checkbox"/> To: W. Canal <input type="checkbox"/> To: E. Canal <i>17</i>	<i>3.02</i>	
West Canal : <input type="checkbox"/> S-Line (ST-75): <input type="checkbox"/> Hunter: <input type="checkbox"/>	To: Canvasback <input type="checkbox"/> To: Refuge <input type="checkbox"/>		
East Canal :	To: Duff's <i>1.5</i> To: L. Foxtail <input type="checkbox"/> To: Doghead <i>1.5</i> To: E. Alkali #1 <i>1.5</i> To: Pasture <input type="checkbox"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="checkbox"/>	<i>1.34</i>	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="checkbox"/>	<i>3.08</i>	
Lower Foxtail Outlet:	To: Dry Lake <input type="checkbox"/> To: Doghead <input type="checkbox"/>	<i>Dry</i>	
E. Dry Lake Outlet:	To: Cattail <input type="checkbox"/>	<i>Dry</i>	
West Canal WC-5:	To: Goose Lake <input type="checkbox"/> To: W. Dry Lake <input type="checkbox"/>		
Doghead Outlet:	To: Division <i>10.5</i>		
Division Pond	To: Cattail <input type="checkbox"/> To: Goose Bypass <i>8.5</i>		
Cattail Outlet: West #4 East #7	To: Division <input type="checkbox"/> To: Goose Lake <input type="checkbox"/> To: Goose Lake <input type="checkbox"/>	<i>Dry</i>	
Goose Bypass	To: S. Nutgrass To: N. Nutgrass		
East Alkali #1	To: Alkali #2 <input type="checkbox"/>	<i>2.12 [Good]</i>	
Goose Lake Outlets	To: 4-Way <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/>	<i>Below Staff</i>	
4-Way Structure	To: Swan Check <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/> To: South Tule <input type="checkbox"/>	<i>5.44</i>	
3-Way Structure	To: West Nutgrass <input type="checkbox"/> To: Pintail Bay <input type="checkbox"/>	<i>5.68 5.38</i>	

582

@ 4/2 → 48h - pumped (7 AF)

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake ○	5.82	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 ○ To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○	5.20	
North Tule Lake	To: Swan Check ○	Dry	
West Marsh Millen's Landing	To: Swan Lake ○	Below Staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○	Dry	
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 <u>lost</u> To: Navy Cabin:#11 ○		
D-Line /North Paiute FLOW: ○	To: West Marsh <u>lost</u> To: South Lead ○ To: Lead Bypass ○		
T-J Canal	FLOW <u>lost</u>		
South Paiute	FLOW <u>lost</u>		
Big Indian Outlet	FLOW ○	Below Staff	
Upper Lake Spillway	FLOW ○	Below Staff	
D-Line at Indian Lakes	FLOW ○		
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 4-10-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 2.5 Harmon Outlet: <input type="radio"/>	Diagonal Drain Total: 7.5		10.25 To S. Pasture
Stillwater Point Reservoir Outlet: <input type="radio"/>	To: Foxtail <input type="radio"/> To: W. Canal <input type="radio"/> To: E. Canal <input type="radio"/>	3.24	
West Canal : <input type="radio"/> S-Line(ST-75): <input type="radio"/> Hunter: <input type="radio"/>	To: Canvasback <input type="radio"/> To: Refuge <input type="radio"/>	1.04 2.3	
East Canal :	To: Duff's <input type="radio"/> To: L. Foxtail <input type="radio"/> To: Doghead <input type="radio"/> To: E. Alkali #1 <input type="radio"/> To: Pasture <input type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	1.38	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="radio"/>	3.20	
Lower Foxtail Outlet:	To: Dry Lake <input type="radio"/> To: Doghead <input type="radio"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input type="radio"/>	Dry	
West Canal WC-5:	To: Goose Lake <input type="radio"/> To: W. Dry Lake <input type="radio"/>		
Doghead Outlet:	To: Division <input type="radio"/>	No Staff	
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass <input type="radio"/>	Dry	
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake <input type="radio"/> To: Goose Lake <input type="radio"/>	Dry	
Goose Bypass	To: S. Nutgrass <input type="radio"/> To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	2.26	
Goose Lake Outlets	To: 4-Way <input type="radio"/> To: South Nutgrass <input type="radio"/>	Below Staff	
4 -Way Structure	To: Swan Check <input type="radio"/> To: South Nutgrass <input type="radio"/> To: South Tule <input type="radio"/>	5.58	
3-Way Structure	To: West Nutgrass <input type="radio"/> To: Pintail Bay <input type="radio"/>	5.84 5.44	

Pump
Back

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	5.90	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	5.36	
North Tule Lake	To: Swan Check <input type="radio"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>		
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: <input type="radio"/>	To: West Marsh <input type="radio"/> To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW <input type="radio"/>		
South Paiute	FLOW <input type="radio"/>		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW <input type="radio"/>	Below Staff	
D-Line at Indian Lakes	FLOW 4	.24	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments: Swan has dropped 2"-2 1/2" since 4/2/02

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 4-1-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input checked="" type="radio"/> Harmon Outlet:	Diagonal Drain Total: $\sqrt{257}$		5-57 To Carson Lake
Stillwater Point Reservoir Outlet: (13)	To: Foxtail 13 To: W. Canal <input checked="" type="radio"/> To: E. Canal <input checked="" type="radio"/>	3.40	Pulled 2 boards E. Bay
West Canal : <input checked="" type="radio"/> S-Line(ST-75): <input checked="" type="radio"/> Hunter: <input checked="" type="radio"/>	To: Canvasback <input checked="" type="radio"/> To: Refuge <input checked="" type="radio"/>		
East Canal :	To: Duff's <input checked="" type="radio"/> To: L. Foxtail <input checked="" type="radio"/> To: Doghead <input checked="" type="radio"/> To: E. Alkali #1 <input checked="" type="radio"/> To: Pasture <input checked="" type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input checked="" type="radio"/>	1.78	
Upper Foxtail Outlet: W	To: L. Foxtail <input checked="" type="radio"/>	2.60	
Lower Foxtail Outlet:	To: Dry Lake <input checked="" type="radio"/> To: Doghead <input checked="" type="radio"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input checked="" type="radio"/>	Dry	
West Canal WC-5:	To: Goose Lake <input checked="" type="radio"/> To: W. Dry Lake <input checked="" type="radio"/>		
Doghead Outlet:	To: Division <input checked="" type="radio"/>	No Staff	
Division Pond	To: Cattail <input checked="" type="radio"/> To: Goose Bypass <input checked="" type="radio"/>	Dry	
Cattail Outlet: West #4 East #7	To: Division <input checked="" type="radio"/> To: Goose Lake <input checked="" type="radio"/> To: Goose Lake <input checked="" type="radio"/>	Dry	
Goose Bypass	To: S. Nutgrass <input checked="" type="radio"/> To: N. Nutgrass <input checked="" type="radio"/>		
East Alkali #1	To: Alkali #2 <input checked="" type="radio"/>	2.42	
Goose Lake Outlets	To: 4-Way <input checked="" type="radio"/> To: South Nutgrass <input checked="" type="radio"/>	Below Staff	
4-Way Structure	To: Swan Check <input checked="" type="radio"/> To: South Nutgrass <input checked="" type="radio"/> To: South Tule <input checked="" type="radio"/>	5.74	
3-Way Structure	To: West Nutgrass <input checked="" type="radio"/> To: Pintail Bay <input checked="" type="radio"/>	5.96 5.48	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	5.94 — —	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	5.60	
North Tule Lake	To: Swan Check <input type="radio"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: <input type="radio"/>	To: West Marsh <input type="radio"/> To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW <input type="radio"/>		
South Paiute	FLOW <input type="radio"/>		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW <input type="radio"/>	Below Staff	
D-Line at Indian Lakes	FLOW <input type="radio"/>	Below Staff	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 3/25/02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity <i>Canvas Lake</i>
L-Line : <input checked="" type="radio"/> Harmon Outlet: <input checked="" type="radio"/>	Diagonal Drain Total: 35.2		6.51 to pasture
Stillwater Point Reservoir Outlet: <input checked="" type="radio"/>	To: Foxtail <input checked="" type="radio"/> To: W. Canal <input checked="" type="radio"/> To: E. Canal <input checked="" type="radio"/>	3.46	
West Canal : <input checked="" type="radio"/> S-Line(ST-75): <input checked="" type="radio"/> Hunter: <input checked="" type="radio"/>	To: Canvasback <input checked="" type="radio"/> To: Refuge <input checked="" type="radio"/>		
East Canal :	To: Duff's <input checked="" type="radio"/> To: L. Foxtail <input checked="" type="radio"/> To: Doghead <input checked="" type="radio"/> To: E. Alkali #1 <input checked="" type="radio"/> To: Pasture <input checked="" type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input checked="" type="radio"/>	.88	
Upper Foxtail Outlet: W	To: L. Foxtail <input checked="" type="radio"/>	2.70	
Lower Foxtail Outlet:	To: Dry Lake <input checked="" type="radio"/> To: Doghead <input checked="" type="radio"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input checked="" type="radio"/>	Dry	
West Canal WC-5:	To: Goose Lake <input checked="" type="radio"/> To: W. Dry Lake <input checked="" type="radio"/>		
Doghead Outlet:	To: Division <input checked="" type="radio"/>		
Division Pond	To: Cattail <input checked="" type="radio"/> To: Goose Bypass <input checked="" type="radio"/>		
Cattail Outlet: West #4 East #7	To: Division <input checked="" type="radio"/> To: Goose Lake <input checked="" type="radio"/> To: Goose Lake <input checked="" type="radio"/>	Dry	
Goose Bypass	To: S. Nutgrass <input checked="" type="radio"/> To: N. Nutgrass <input checked="" type="radio"/>		
East Alkali #1	To: Alkali #2 <input checked="" type="radio"/>	2.52	
Goose Lake Outlets	To: 4-Way <input checked="" type="radio"/> To: South Nutgrass <input checked="" type="radio"/>	Below Staff	
4 -Way Structure	To: Swan Check <input checked="" type="radio"/> To: South Nutgrass <input checked="" type="radio"/> To: South Tule <input checked="" type="radio"/>	5.82	
3-Way Structure	To: West Nutgrass <input checked="" type="radio"/> To: Pintail Bay <input checked="" type="radio"/>	6.06 5.50	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input checked="" type="checkbox"/> To: Swan Lake <input checked="" type="checkbox"/>	6.04	
West Nutgrass	To: N.Nutgrass:#22 <input checked="" type="checkbox"/> To: N.Nutgrass:#23 <input checked="" type="checkbox"/>		
South Nutgrass	To: W.Nutgrass:#20 <input checked="" type="checkbox"/> To: N.Nutgrass:#18 <input checked="" type="checkbox"/> To: N.Nutgrass:#19 <input checked="" type="checkbox"/>		
N. Nutgrass to Big Water	At: Structure #17 <input checked="" type="checkbox"/>	Dry	
Swan Lake	To: Swan Check <input checked="" type="checkbox"/>	5.68	
North Tule Lake	To: Swan Check <input checked="" type="checkbox"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input checked="" type="checkbox"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input checked="" type="checkbox"/> At: N.Lead:#12 <input checked="" type="checkbox"/> At: S.Lead: <input checked="" type="checkbox"/>	Dry	
Lead Lake Bypass	To: 4-Way <input checked="" type="checkbox"/> To: North Tule <input checked="" type="checkbox"/> To: South Tule <input checked="" type="checkbox"/>		
Canvasback Diversion	To: East Lead:#37 <input checked="" type="checkbox"/> To: Navy Cabin:#11 <input checked="" type="checkbox"/>		
D-Line /North Paiute FLOW: 7	To: West Marsh <input checked="" type="checkbox"/> To: South Lead <input checked="" type="checkbox"/> To: Lead Bypass <input checked="" type="checkbox"/>		
T-J Canal	FLOW <input checked="" type="checkbox"/>		
South Paiute	FLOW <input checked="" type="checkbox"/>		
Big Indian Outlet	FLOW <input checked="" type="checkbox"/>	Dry	
Upper Lake Spillway	FLOW 7	.12	
D-Line at Indian Lakes	FLOW 14	.58	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 3-18-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line: <input checked="" type="checkbox"/> Harmon Outlet: <input checked="" type="checkbox"/>	Diagonal Drain Total: 2 <u>25</u>		
Stillwater Point Reservoir Outlet: <input checked="" type="checkbox"/>	To: Foxtail <input checked="" type="checkbox"/> To: W. Canal <input checked="" type="checkbox"/> To: E. Canal <input checked="" type="checkbox"/>	3.48	
West Canal: <input checked="" type="checkbox"/> S-Line(ST-75): <input checked="" type="checkbox"/> Hunter: <input checked="" type="checkbox"/>	To: Canvasback <input checked="" type="checkbox"/> To: Refuge <input checked="" type="checkbox"/>		
East Canal: <input checked="" type="checkbox"/>	To: Duff's <input checked="" type="checkbox"/> To: L. Foxtail <input checked="" type="checkbox"/> To: Doghead <input checked="" type="checkbox"/> To: E. Alkali #1 <input checked="" type="checkbox"/> To: Pasture <input checked="" type="checkbox"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input checked="" type="checkbox"/>	.98	
Upper Foxtail Outlet: W	To: L. Foxtail <input checked="" type="checkbox"/>	2.80	
Lower Foxtail Outlet:	To: Dry Lake <input checked="" type="checkbox"/> To: Doghead <input checked="" type="checkbox"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input checked="" type="checkbox"/>		
West Canal WC-5:	To: Goose Lake <input checked="" type="checkbox"/> To: W. Dry Lake <input checked="" type="checkbox"/>		
Doghead Outlet:	To: Division <input checked="" type="checkbox"/>		
Division Pond	To: Cattail <input checked="" type="checkbox"/> To: Goose Bypass <input checked="" type="checkbox"/>	Dry	
Cattail Outlet: West #4 East #7	To: Division <input checked="" type="checkbox"/> To: Goose Lake <input checked="" type="checkbox"/> To: Goose Lake <input checked="" type="checkbox"/>	Dry	
Goose Bypass	To: S. Nutgrass <input checked="" type="checkbox"/> To: N. Nutgrass <input checked="" type="checkbox"/>		
East Alkali #1	To: Alkali #2 <input checked="" type="checkbox"/>	2.60	
Goose Lake Outlets	To: 4-Way <input checked="" type="checkbox"/> To: South Nutgrass <input checked="" type="checkbox"/>	4.66	
4-Way Structure	To: Swan Check <input checked="" type="checkbox"/> To: South Nutgrass <input checked="" type="checkbox"/> To: South Tule <input checked="" type="checkbox"/>	5.90	
3-Way Structure	To: West Nutgrass <input checked="" type="checkbox"/> To: Pintail Bay <input checked="" type="checkbox"/>	6.08 5.54	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass To: Swan Lake 000	6.10	
West Nutgrass	To: N.Nutgrass:#22 To: N.Nutgrass:#23 000		
South Nutgrass	To: W.Nutgrass:#20 To: N.Nutgrass:#18 To: N.Nutgrass:#19 000		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	5.74	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0		
Lead Lake	At: E.Lead:#29 At: N.Lead:#12 At: S.Lead: 000	Dry	
Lead Lake Bypass	To: 4-Way To: North Tule To: South Tule 000		
Canvasback Diversion	To: East Lead:#37 To: Navy Cabin:#11 1 cfs 0		
D-Line/North Paiute FLOW: 8	To: West Marsh To: South Lead To: Lead Bypass 9 cfs 0 0		
T-J Canal	FLOW 1 cfs		
South Paiute	FLOW 0		
Big Indian Outlet	FLOW 0	Below Staff	
Upper Lake Spillway	FLOW 4 cfs	Can't Read	
D-Line at Indian Lakes	FLOW 14	.56	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 3/11/02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input checked="" type="radio"/> Harmon Outlet: <input checked="" type="radio"/>	Diagonal Drain Total: 2.51		3.51 to pasture
Stillwater Point Reservoir Outlet: 18	To: Foxtail <input checked="" type="radio"/> To: W. Canal <input checked="" type="radio"/> To: E. Canal 18	2.58	
West Canal : <input checked="" type="radio"/> S-Line(ST-75): <input checked="" type="radio"/> Hunter: <input checked="" type="radio"/>	To: Canvasback <input checked="" type="radio"/> To: Refuge <input checked="" type="radio"/>		
East Canal : 18	To: Duff's <input checked="" type="radio"/> To: L. Foxtail <input checked="" type="radio"/> To: Doghead To: E. Alkali #1 To: Pasture <input checked="" type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input checked="" type="radio"/>	.96	
Upper Foxtail Outlet: W	To: L. Foxtail <input checked="" type="radio"/>	2.78	
Lower Foxtail Outlet:	To: Dry Lake <input checked="" type="radio"/> To: Doghead <input checked="" type="radio"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input checked="" type="radio"/>	Dry	
West Canal WC-5:	To: Goose Lake <input checked="" type="radio"/> To: W. Dry Lake <input checked="" type="radio"/>		
Doghead Outlet:	To: Division <input checked="" type="radio"/>		
Division Pond	To: Cattail <input checked="" type="radio"/> To: Goose Bypass <input checked="" type="radio"/>	Dry	
Cattail Outlet: West #4 East #7	To: Division <input checked="" type="radio"/> To: Goose Lake <input checked="" type="radio"/> To: Goose Lake <input checked="" type="radio"/>	Dry	
Goose Bypass	To: S. Nutgrass <input checked="" type="radio"/> To: N. Nutgrass <input checked="" type="radio"/>		
East Alkali #1	To: Alkali #2 <input checked="" type="radio"/>	2.32	
Goose Lake Outlets	To: 4-Way <input checked="" type="radio"/> To: South Nutgrass <input checked="" type="radio"/>	4.71	
4-Way Structure	To: Swan Check <input checked="" type="radio"/> To: South Nutgrass <input checked="" type="radio"/> To: South Tule <input checked="" type="radio"/>	5.96	
3-Way Structure	To: West Nutgrass To: Pintail Bay <input checked="" type="radio"/>	6.14 5.52	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	6.14	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	5.78	
North Tule Lake	To: Swan Check <input type="radio"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: <input type="radio"/>	To: West Marsh <input type="radio"/> To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW <input type="radio"/>		
South Paiute	FLOW <input type="radio"/>		
Big Indian Outlet	FLOW <input type="radio"/>		
Upper Lake Spillway	FLOW 6	.16	
D-Line at Indian Lakes	FLOW 15	.60	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 3/4/02

Recorder: *[Signature]*

427-5139
423-2941

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="checkbox"/> Harmon Outlet: <input type="checkbox"/>	Diagonal Drain Total: 3.5		3.5 to pasture
Stillwater Point Reservoir Outlet: <input type="checkbox"/> (25)	To: Foxtail <input type="checkbox"/> To: W. Canal <input type="checkbox"/> To: E. Canal 25	2.88	Pulled 3 boards E. Bay. (4.45)
West Canal : <input type="checkbox"/> S-Line(ST-75): <input type="checkbox"/> Hunter: <input type="checkbox"/>	To: Canvasback <input type="checkbox"/> To: Refuge <input type="checkbox"/>		
East Canal :	To: Duff's <input type="checkbox"/> To: L. Foxtail <input type="checkbox"/> To: Doghead <input type="checkbox"/> To: E. Alkali #1 <input type="checkbox"/> To: Pasture <input type="checkbox"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="checkbox"/>	.98	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="checkbox"/>	2.80	
Lower Foxtail Outlet:	To: Dry Lake <input type="checkbox"/> To: Doghead <input type="checkbox"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input type="checkbox"/>	Dry	
West Canal WC-5:	To: Goose Lake <input type="checkbox"/> To: W. Dry Lake <input type="checkbox"/>		
Doghead Outlet:	To: Division <input type="checkbox"/>		
Division Pond	To: Cattail <input type="checkbox"/> To: Goose Bypass <input type="checkbox"/>	Dry	
Cattail Outlet: West #4 East #7	To: Division <input type="checkbox"/> To: Goose Lake <input type="checkbox"/> To: Goose Lake <input type="checkbox"/>	Dry	
Goose Bypass	To: S. Nutgrass <input type="checkbox"/> To: N. Nutgrass <input type="checkbox"/>		
East Alkali #1	To: Alkali #2	1.48	
Goose Lake Outlets	To: 4-Way <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/>	4.86	
4 -Way Structure	To: Swan Check <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/> To: South Tule <input type="checkbox"/>	5.50	
3-Way Structure	To: West Nutgrass <input type="checkbox"/> To: Pintail Bay <input type="checkbox"/>	6.14 5.54	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	6.14	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	5.86	
North Tule Lake	To: Swan Check <input type="radio"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>		
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: <input checked="" type="radio"/>	To: West Marsh <input type="radio"/> To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW <input checked="" type="radio"/>		
South Paiute	FLOW <input type="radio"/>		
Big Indian Outlet	FLOW <input type="radio"/>		
Upper Lake Spillway	FLOW <input type="radio"/>	Below Staff	
D-Line at Indian Lakes	FLOW <input checked="" type="radio"/>	Can't Read Staff	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

B 427-5053

Coleman
(523) 365-8622

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 2-25-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input checked="" type="radio"/> Harmon Outlet: <input checked="" type="radio"/>	Diagonal Drain Total: 2 ST		62.5 To the south
Stillwater Point Reservoir Outlet: <input checked="" type="radio"/>	To: Foxtail <input type="radio"/> To: W. Canal <input type="radio"/> To: E. Canal <input type="radio"/>	3.92	
West Canal : <input type="radio"/> S-Line (ST-75): <input type="radio"/> Hunter: <input type="radio"/>	To: Canvasback <input type="radio"/> To: Refuge <input type="radio"/>		
East Canal : <input type="radio"/>	To: Duff's <input type="radio"/> To: L. Foxtail <input type="radio"/> To: Doghead <input type="radio"/> To: E. Alkali #1 <input type="radio"/> To: Pasture <input type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	1.06	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="radio"/>	2.90	
Lower Foxtail Outlet:	To: Dry Lake <input type="radio"/> To: Doghead <input type="radio"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input type="radio"/>	Dry	
West Canal WC-5:	To: Goose Lake <input type="radio"/> To: W. Dry Lake <input type="radio"/>		
Doghead Outlet:	To: Division <input type="radio"/>		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass <input type="radio"/>	Dry	
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake <input type="radio"/> To: Goose Lake <input type="radio"/>	Dry	
Goose Bypass	To: S. Nutgrass <input type="radio"/> To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	1.60	
Goose Lake Outlets	To: 4-Way <input type="radio"/> To: South Nutgrass <input type="radio"/>	4.96	
4-Way Structure	To: Swan Check <input type="radio"/> To: South Nutgrass <input type="radio"/> To: South Tule <input type="radio"/>	5.98	
3-Way Structure	To: West Nutgrass <input type="radio"/> To: Pintail Bay <input type="radio"/>	6.18 5.56	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake ○	620	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 ○ To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○	5.94	
North Tule Lake	To: Swan Check ○	Dry	
West Marsh Millen's Landing	To: Swan Lake ○	Below Staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○	Dry	
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 1 est To: Navy Cabin:#11 ○		
D-Line /North Paiute FLOW: 1 est	To: West Marsh 2 est To: South Lead To: Lead Bypass		
T-J Canal	FLOW 1 est		
South Paiute	FLOW 1 est		
Big Indian Outlet	FLOW ○		
Upper Lake Spillway	FLOW ○		
D-Line at Indian Lakes	FLOW ○ 3 est	Below Staff	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

Native
Bald eagle on E. Canal

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 2-21-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input checked="" type="checkbox"/> Harmon Outlet: <input checked="" type="checkbox"/>	Diagonal Drain Total: 3.5		5.5 to the South
Stillwater Point Reservoir Outlet: <input checked="" type="checkbox"/>	To: Foxtail <input checked="" type="checkbox"/> To: W. Canal <input checked="" type="checkbox"/> To: E. Canal <input checked="" type="checkbox"/>	3.94	
West Canal : <input checked="" type="checkbox"/> S-Line(ST-75): <input checked="" type="checkbox"/> Hunter: <input checked="" type="checkbox"/>	To: Canvasback <input checked="" type="checkbox"/> To: Refuge <input checked="" type="checkbox"/>		
East Canal :	To: Duff's <input checked="" type="checkbox"/> To: L. Foxtail <input checked="" type="checkbox"/> To: Doghead <input checked="" type="checkbox"/> To: E. Alkali #1 <input checked="" type="checkbox"/> To: Pasture <input checked="" type="checkbox"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input checked="" type="checkbox"/>	1.08	
Upper Foxtail Outlet: W	To: L. Foxtail <input checked="" type="checkbox"/>	2.92	
Lower Foxtail Outlet:	To: Dry Lake <input checked="" type="checkbox"/> To: Doghead <input checked="" type="checkbox"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input checked="" type="checkbox"/>	Dry	
West Canal WC-5:	To: Goose Lake <input checked="" type="checkbox"/> To: W. Dry Lake <input checked="" type="checkbox"/>		
Doghead Outlet:	To: Division <input checked="" type="checkbox"/>		
Division Pond	To: Cattail <input checked="" type="checkbox"/> To: Goose Bypass <input checked="" type="checkbox"/>	Dry	
Cattail Outlet: West #4 East #7	To: Division <input checked="" type="checkbox"/> To: Goose Lake <input checked="" type="checkbox"/> To: Goose Lake <input checked="" type="checkbox"/>	Dry	
Goose Bypass	To: S. Nutgrass <input checked="" type="checkbox"/> To: N. Nutgrass <input checked="" type="checkbox"/>		
East Alkali #1	To: Alkali #2 <input checked="" type="checkbox"/>	1.62	
Goose Lake Outlets	To: 4-Way <input checked="" type="checkbox"/> To: South Nutgrass <input checked="" type="checkbox"/>	5.00	
4-Way Structure	To: Swan Check <input checked="" type="checkbox"/> To: South Nutgrass <input checked="" type="checkbox"/> To: South Tule <input checked="" type="checkbox"/>	6.00	
3-Way Structure	To: West Nutgrass <input checked="" type="checkbox"/> To: Pintail Bay <input checked="" type="checkbox"/>	6.22 5.60	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake ○	6.24	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 ○ To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○	5.96	
North Tule Lake	To: Swan Check ○	Dry	
West Marsh Millen's Landing	To: Swan Lake ○	Below Staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○	Dry	
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 left To: Navy Cabin:#11 ○		
D-Line /North Paiute FLOW:	To: West Marsh 4 left To: South Lead ○ To: Lead Bypass ○		
T-J Canal	FLOW 1 left		
South Paiute	FLOW 1 left		
Big Indian Outlet	FLOW ○	Dry	
Upper Lake Spillway	FLOW 2 left		
D-Line at Indian Lakes	FLOW 8	.42	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments: Water beginning to spill from Papoose to Big Indian, at time the gate from upper lake to lakes has been opened! We need an operating agreement with T.C.I.D.!

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 2/11/02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : 535 Harmon Outlet: <input checked="" type="checkbox"/>	Diagonal Drain Total: 6235		
Stillwater Point Reservoir Outlet: <input checked="" type="checkbox"/>	To: Foxtail <input checked="" type="checkbox"/> To: W. Canal <input checked="" type="checkbox"/> To: E. Canal <input checked="" type="checkbox"/>	3.94	
West Canal : <input checked="" type="checkbox"/> S-Line(ST-75): <input checked="" type="checkbox"/> Hunter: <input checked="" type="checkbox"/>	To: Canvasback <input checked="" type="checkbox"/> To: Refuge <input checked="" type="checkbox"/>		
East Canal :	To: Duff's <input checked="" type="checkbox"/> To: L. Foxtail <input checked="" type="checkbox"/> To: Doghead <input checked="" type="checkbox"/> To: E. Alkali #1 <input checked="" type="checkbox"/> To: Pasture <input checked="" type="checkbox"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input checked="" type="checkbox"/>	1.10	
Upper Foxtail Outlet: W	To: L. Foxtail	2.94	
Lower Foxtail Outlet:	To: Dry Lake <input checked="" type="checkbox"/> To: Doghead <input checked="" type="checkbox"/>	2.94 Dry	
E. Dry Lake Outlet:	To: Cattail <input checked="" type="checkbox"/>	Dry	
West Canal WC-5:	To: Goose Lake <input checked="" type="checkbox"/> To: W. Dry Lake <input checked="" type="checkbox"/>		
Doghead Outlet:	To: Division <input checked="" type="checkbox"/>	No Staff	
Division Pond	To: Cattail <input checked="" type="checkbox"/> To: Goose Bypass <input checked="" type="checkbox"/>	Dry	
Cattail Outlet: West #4 East #7	To: Division <input checked="" type="checkbox"/> To: Goose Lake <input checked="" type="checkbox"/> To: Goose Lake <input checked="" type="checkbox"/>	Dry	
Goose Bypass	To: S. Nutgrass <input checked="" type="checkbox"/> To: N. Nutgrass <input checked="" type="checkbox"/>		
East Alkali #1	To: Alkali #2 <input checked="" type="checkbox"/>	1.64	
Goose Lake Outlets	To: 4-Way <input checked="" type="checkbox"/> To: South Nutgrass <input checked="" type="checkbox"/>	5.08	
4-Way Structure	To: Swan Check <input checked="" type="checkbox"/> To: South Nutgrass <input checked="" type="checkbox"/> To: South Tule <input checked="" type="checkbox"/>	5.98	
3-Way Structure	To: West Nutgrass <input checked="" type="checkbox"/> To: Pintail Bay <input checked="" type="checkbox"/>	6.24 5.60	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass ○ To: Swan Lake ○	6.22	
West Nutgrass	To: N.Nutgrass:#22 ○ To: N.Nutgrass:#23 ○		
South Nutgrass	To: W.Nutgrass:#20 ○ To: N.Nutgrass:#18 ○ To: N.Nutgrass:#19 ○		
N. Nutgrass to Big Water	At: Structure #17 ○	Dry	
Swan Lake	To: Swan Check ○	6.06	
North Tule Lake	To: Swan Check ○	Dry	
West Marsh Millen's Landing	To: Swan Lake ○	Below Staff	
Lead Lake	At: E.Lead:#29 ○ At: N.Lead:#12 ○ At: S.Lead: ○	Dry	
Lead Lake Bypass	To: 4-Way ○ To: North Tule ○ To: South Tule ○		
Canvasback Diversion	To: East Lead:#37 1.5 To: Navy Cabin:#11 ○		
D-Line /North Paiute FLOW 7	To: West Marsh 8.5 To: South Lead ○ To: Lead Bypass ○		
T-J Canal	FLOW 1.5		
South Paiute	FLOW 1.5		
Big Indian Outlet	FLOW ○		
Upper Lake Spillway	FLOW 3	10	
D-Line at Indian Lakes	FLOW 15	.59	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 2-4-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="checkbox"/> Harmon Outlet: <input type="checkbox"/>	Diagonal Drain Total: 3285		
Stillwater Point Reservoir Outlet: <input type="checkbox"/>	To: Foxtail <input type="checkbox"/> To: W. Canal <input type="checkbox"/> To: E. Canal <input type="checkbox"/>	3.92	
West Canal : <input type="checkbox"/> S-Line(ST-75): <input type="checkbox"/> Hunter: <input type="checkbox"/>	To: Canvasback <input type="checkbox"/> To: Refuge <input type="checkbox"/>		
East Canal : <input type="checkbox"/>	To: Duff's <input type="checkbox"/> To: L. Foxtail <input type="checkbox"/> To: Doghead <input type="checkbox"/> To: E. Alkali #1 <input type="checkbox"/> To: Pasture <input type="checkbox"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="checkbox"/>	1.20	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="checkbox"/>	3.08	
Lower Foxtail Outlet:	To: Dry Lake <input type="checkbox"/> To: Doghead <input type="checkbox"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input type="checkbox"/>	Dry	
West Canal WC-5: <input type="checkbox"/>	To: Goose Lake <input type="checkbox"/> To: W. Dry Lake <input type="checkbox"/>		
Doghead Outlet:	To: Division <input type="checkbox"/>		
Division Pond	To: Cattail <input type="checkbox"/> To: Goose Bypass <input type="checkbox"/>		
Cattail Outlet: West #4 East #7	To: Division <input type="checkbox"/> To: Goose Lake <input type="checkbox"/> To: Goose Lake <input type="checkbox"/>	Dry	
Goose Bypass	To: S. Nutgrass <input type="checkbox"/> To: N. Nutgrass <input type="checkbox"/>		
East Alkali #1	To: Alkali #2 <input type="checkbox"/>	1.72	
Goose Lake Outlets	To: 4-Way <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/>	5.44	
4-Way Structure	To: Swan Check <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/> To: South Tule <input type="checkbox"/>	6.06	
3-Way Structure	To: West Nutgrass <input type="checkbox"/> To: Pintail Bay <input type="checkbox"/>	6.26 5.60	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass 0 To: Swan Lake 0	6.28 — —	
West Nutgrass	To: N.Nutgrass:#22 0 To: N.Nutgrass:#23 0		
South Nutgrass	To: W.Nutgrass:#20 0 To: N.Nutgrass:#18 0 To: N.Nutgrass:#19 0		
N. Nutgrass to Big Water	At: Structure #17 0	Dry	
Swan Lake	To: Swan Check 0	6.11	
North Tule Lake	To: Swan Check 0	Dry	
West Marsh Millen's Landing	To: Swan Lake 0	Below Staff	
Lead Lake	At: E.Lead:#29 0 At: N.Lead:#12 0 At: S.Lead: 0	Dry	
Lead Lake Bypass	To: 4-Way 0 To: North Tule 0 To: South Tule 0		
Canvasback Diversion	To: East Lead:#37 0 To: Navy Cabin:#11 0		
D-Line /North Paiute FLOW: 2.35	To: West Marsh 3.25 To: South Lead 0 To: Lead Bypass 0		
T-J Canal	FLOW 1.25		
South Paiute	FLOW 1.25		
Big Indian Outlet	FLOW 0		
Upper Lake Spillway	FLOW 3.25	Cast Remed	
D-Line at Indian Lakes	FLOW 15	.60	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR
FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 1/28/02

Recorder: [Signature]

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="checkbox"/> Harmon Outlet: <input type="checkbox"/>	Diagonal Drain Total: 325 <input type="checkbox"/>	7 CFS USGS Data	L-Line, deepened f lined
Stillwater Point Reservoir Outlet: <input type="checkbox"/>	To: Foxtail <input type="checkbox"/> To: W. Canal <input type="checkbox"/> To: E. Canal <input type="checkbox"/>	3.90?	
West Canal : S-Line(ST-75): Hunter:	To: Canvasback <input type="checkbox"/> To: Refuge <input type="checkbox"/>		
East Canal :	To: Duff's <input type="checkbox"/> To: L. Foxtail <input type="checkbox"/> To: Doghead <input type="checkbox"/> To: E. Alkali #1 <input type="checkbox"/> To: Pasture <input type="checkbox"/>		
Upper Foxtail Outlet: E	To: L. Foxtail		
Upper Foxtail Outlet: W	To: L. Foxtail		
Lower Foxtail Outlet:	To: Dry Lake To: Doghead		
E. Dry Lake Outlet:	To: Cattail		
West Canal WC-5:	To: Goose Lake <input type="checkbox"/> To: W. Dry Lake <input type="checkbox"/>		
Doghead Outlet:	To: Division <input type="checkbox"/>		
Division Pond	To: Cattail <input type="checkbox"/> To: Goose Bypass <input type="checkbox"/>		
Cattail Outlet: West #4 East #7	To: Division <input type="checkbox"/> To: Goose Lake <input type="checkbox"/> To: Goose Lake <input type="checkbox"/>		
Goose Bypass	To: S. Nutgrass <input type="checkbox"/> To: N. Nutgrass <input type="checkbox"/>		
East Alkali #1	To: Alkali #2 <input type="checkbox"/>	1.69	
Goose Lake Outlets	To: 4-Way <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/>	5.14	Bald eagle
4-Way Structure	To: Swan Check <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/> To: South Tule <input type="checkbox"/>	6.07	
3-Way Structure	To: West Nutgrass <input type="checkbox"/> To: Pintail Bay <input type="checkbox"/>	6.30 5.60	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	6.30	
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>		
Swan Lake	To: Swan Check <input type="radio"/>	6.18	
North Tule Lake	To: Swan Check <input type="radio"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>		
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: West	To: West Marsh <input type="radio"/> To: South Lead <input type="radio"/> To: Lead Bypass <input type="radio"/>		
T-J Canal	FLOW 125		
South Paiute	FLOW 125		
Big Indian Outlet	FLOW <input type="radio"/>	Dry	
Upper Lake Spillway	FLOW 125	Cont Read	Called TC 10 1/29/02 @ 4" of spill to Big Indian
D-Line at Indian Lakes	FLOW 15	6.0	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 1-22-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="checkbox"/> Harmon Outlet: <input type="checkbox"/>	Diagonal Drain Total: 3 <i>25</i>		
Stillwater Point Reservoir Outlet: <input type="checkbox"/>	To: Foxtail <input type="checkbox"/> To: W. Canal <input type="checkbox"/> To: E. Canal <input type="checkbox"/>	3.9 3.0	
West Canal : <input type="checkbox"/> S-Line(ST-75): <input type="checkbox"/> Hunter: <input type="checkbox"/>	To: Canvasback <input type="checkbox"/> To: Refuge <input type="checkbox"/>		
East Canal :	To: Duff's <input type="checkbox"/> To: L. Foxtail <input type="checkbox"/> To: Doghead <input type="checkbox"/> To: E. Alkali #1 <input type="checkbox"/> To: Pasture <input type="checkbox"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="checkbox"/>	1.20	
Upper Foxtail Outlet: W	To: L. Foxtail <input type="checkbox"/>	3.06	
Lower Foxtail Outlet:	To: Dry Lake <input type="checkbox"/> To: Doghead <input type="checkbox"/>	Dry	
E. Dry Lake Outlet:	To: Cattail <input type="checkbox"/>	Dry	
West Canal WC-5:	To: Goose Lake <input type="checkbox"/> To: W. Dry Lake <input type="checkbox"/>		
Doghead Outlet:	To: Division <input type="checkbox"/>		
Division Pond	To: Cattail <input type="checkbox"/> To: Goose Bypass <input type="checkbox"/>		
Cattail Outlet: West #4 East #7	To: Division <input type="checkbox"/> To: Goose Lake <input type="checkbox"/> To: Goose Lake <input type="checkbox"/>		
Goose Bypass	To: S. Nutgrass <input type="checkbox"/> To: N. Nutgrass <input type="checkbox"/>		
East Alkali #1	To: Alkali #2 <input type="checkbox"/>	1.72	
Goose Lake Outlets	To: 4-Way <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/>	5.18	
4 -Way Structure	To: Swan Check <input type="checkbox"/> To: South Nutgrass <input type="checkbox"/> To: South Tule <input type="checkbox"/>	6.08	
3-Way Structure	To: West Nutgrass <input type="checkbox"/> To: Pintail Bay <input type="checkbox"/>	4.32 5.64	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="checkbox"/> To: Swan Lake <input type="checkbox"/>	6.32	
West Nutgrass	To: N.Nutgrass:#22 <input type="checkbox"/> To: N.Nutgrass:#23 <input type="checkbox"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="checkbox"/> To: N.Nutgrass:#18 <input type="checkbox"/> To: N.Nutgrass:#19 <input type="checkbox"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="checkbox"/>	Dry	
Swan Lake	To: Swan Check <input type="checkbox"/>	6.24	
North Tule Lake	To: Swan Check <input type="checkbox"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input type="checkbox"/>		
Lead Lake	At: E.Lead:#29 <input type="checkbox"/> At: N.Lead:#12 <input type="checkbox"/> At: S.Lead: <input type="checkbox"/>	Dry	
Lead Lake Bypass	To: 4-Way <input type="checkbox"/> To: North Tule <input type="checkbox"/> To: South Tule <input type="checkbox"/>		
Canvasback Diversion	To: East Lead:#37 <input type="checkbox"/> To: Navy Cabin:#11 <input type="checkbox"/>		
D-Line /North Paiute FLOW: (4)	To: West Marsh <input type="checkbox"/> To: South Lead <input type="checkbox"/> To: Lead Bypass <input type="checkbox"/>		
T-J Canal	FLOW 1 est		
South Paiute	FLOW 1 est		
Big Indian Outlet	FLOW <input type="checkbox"/>	Dry	
Upper Lake Spillway	FLOW 2 est	Can't Read	
D-Line at Indian Lakes	FLOW 13	1.54	
Indian Lakes Rd.			Counter:
Hunter Road			Counter:
West County Rd.			Counter:
Division Rd.			Counter:

Comments:

55598
208

STILLWATER NWR FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 1-16-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="radio"/> Harmon Outlet: <input type="radio"/>	Diagonal Drain Total: 2.55		
Stillwater Point Reservoir Outlet: <input type="radio"/>	To: Foxtail <input type="radio"/> To: W. Canal <input type="radio"/> To: E. Canal <input type="radio"/>	3.90	
West Canal : <input type="radio"/> S-Line(ST-75): <input type="radio"/> Hunter: <input type="radio"/>	To: Canvasback <input type="radio"/> To: Refuge <input type="radio"/>		
East Canal :	To: Duff's <input type="radio"/> To: L. Foxtail <input type="radio"/> To: Doghead <input type="radio"/> To: E. Alkali #1 <input type="radio"/> To: Pasture <input type="radio"/>		
Upper Foxtail Outlet: E	To: L. Foxtail <input type="radio"/>	1.28	
Upper Foxtail Outlet: W	To: L. Foxtail	3.08	
Lower Foxtail Outlet:	To: Dry Lake To: Doghead	Dry	
E. Dry Lake Outlet:	To: Cattail	Dry	
West Canal WC-5:	To: Goose Lake <input type="radio"/> To: W. Dry Lake <input type="radio"/>		
Doghead Outlet:	To: Division <input type="radio"/>		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass <input type="radio"/>		
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake <input type="radio"/> To: Goose Lake <input type="radio"/>	2.36	
Goose Bypass	To: S. Nutgrass <input type="radio"/> To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	1.74	
Goose Lake Outlets	To: 4-Way <input type="radio"/> To: South Nutgrass <input type="radio"/> test	5.20	
4 -Way Structure	To: Swan Check <input type="radio"/> To: South Nutgrass <input type="radio"/> To: South Tule <input type="radio"/>	6.12	
3-Way Structure	To: West Nutgrass <input type="radio"/> To: Pintail Bay <input type="radio"/>	6.32 5.85	closed

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input type="radio"/> To: Swan Lake <input type="radio"/>	6.32 —	closed
West Nutgrass	To: N.Nutgrass:#22 <input type="radio"/> To: N.Nutgrass:#23 <input type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input type="radio"/> To: N.Nutgrass:#18 <input type="radio"/> To: N.Nutgrass:#19 <input type="radio"/>		
N. Nutgrass to Big Water	At: Structure #17 <input type="radio"/>	Dry	
Swan Lake	To: Swan Check <input type="radio"/>	6.30	
North Tule Lake	To: Swan Check <input type="radio"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input type="radio"/>	Below Staff	
Lead Lake	At: E.Lead:#29 <input type="radio"/> At: N.Lead:#12 <input type="radio"/> At: S.Lead: <input type="radio"/>		
Lead Lake Bypass	To: 4-Way <input type="radio"/> To: North Tule <input type="radio"/> To: South Tule <input type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input type="radio"/> To: Navy Cabin:#11 <input type="radio"/>		
D-Line /North Paiute FLOW: 3	To: West Marsh To: South Lead To: Lead Bypass		
T-J Canal	FLOW 1.5		
South Paiute	FLOW 3.25		
Big Indian Outlet	FLOW		
Upper Lake Spillway	FLOW 3	1.10	
D-Line at Indian Lakes	FLOW 14	.58	
Indian Lakes Rd.			Counter: 53145
Hunter Road			Counter: 59598
West County Rd.			Counter: 20368
Division Rd.			Counter: 208

Comments:

2002

59442
188

STILLWATER NWR

FLOW, GAGE AND CONDUCTIVITY READINGS

Date: 1-7-02

Recorder: *[Signature]*

Location	Flow (CFS)	Gage/Staff	Conductivity
L-Line : <input type="radio"/> Harmon Outlet: <input type="radio"/>	Diagonal Drain Total: <u>3.251</u>		
Stillwater Point Reservoir Outlet:	To: Foxtail To: W. Canal To: E. Canal	3.91	
West Canal : S-Line(ST-75): Hunter:	To: Canvasback To: Refuge		
East Canal :	To: Duff's To: L. Foxtail To: Doghead To: E. Alkali #1 To: Pasture		
Upper Foxtail Outlet: E	To: L. Foxtail		
Upper Foxtail Outlet: W	To: L. Foxtail		
Lower Foxtail Outlet:	To: Dry Lake To: Doghead		
E. Dry Lake Outlet:	To: Cattail		
West Canal WC-5:	To: Goose Lake To: W. Dry Lake		
Doghead Outlet:	To: Division		
Division Pond	To: Cattail <input type="radio"/> To: Goose Bypass <u>1.251</u>		
Cattail Outlet: West #4 East #7	To: Division <input type="radio"/> To: Goose Lake <input type="radio"/> To: Goose Lake <input type="radio"/>	2.78	
Goose Bypass	To: S. Nutgrass <u>1.251</u> To: N. Nutgrass <input type="radio"/>		
East Alkali #1	To: Alkali #2 <input type="radio"/>	1.74	
Goose Lake Outlets	To: 4-Way <input type="radio"/> To: South Nutgrass <input type="radio"/>	5.22	
4-Way Structure	To: Swan Check <input type="radio"/> To: South Nutgrass <input type="radio"/> To: South Tule <input type="radio"/>	6.20	
3-Way Structure	To: West Nutgrass <input type="radio"/> To: Pintail Bay <u>1.251</u>	6.41 6.00	

Location	Flow (CFS)	Gage/ Staff	Conductivity
Swan Check	At: 3-Way To: West Nutgrass <input checked="" type="radio"/> To: Swan Lake <input checked="" type="radio"/> 1251	6.42 =	
West Nutgrass	To: N.Nutgrass:#22 <input checked="" type="radio"/> To: N.Nutgrass:#23 <input checked="" type="radio"/>		
South Nutgrass	To: W.Nutgrass:#20 <input checked="" type="radio"/> To: N.Nutgrass:#18 <input checked="" type="radio"/> To: N.Nutgrass:#19 <input checked="" type="radio"/>		
N. Nutgrass to. Big Water	At: Structure #17 <input checked="" type="radio"/>	Dry	
Swan Lake	To: Swan Check <input checked="" type="radio"/>	6.36	
North Tule Lake	To: Swan Check <input checked="" type="radio"/>	Dry	
West Marsh Millen's Landing	To: Swan Lake <input checked="" type="radio"/>	To wet	
Lead Lake	At: E.Lead:#29 <input checked="" type="radio"/> At: N.Lead:#12 <input checked="" type="radio"/> At: S.Lead: <input checked="" type="radio"/>	Dry	
Lead Lake Bypass	To: 4-Way <input checked="" type="radio"/> To: North Tule <input checked="" type="radio"/> To: South Tule <input checked="" type="radio"/>		
Canvasback Diversion	To: East Lead:#37 <input checked="" type="radio"/> To: Navy Cabin:#11 <input checked="" type="radio"/>		
D-Line /North Paiute FLOW: <input checked="" type="radio"/> 6	To: West Marsh <input checked="" type="radio"/> 5251 To: South Lead <input checked="" type="radio"/> 1251 To: Lead Bypass <input checked="" type="radio"/>		
T-J Canal	FLOW <input checked="" type="radio"/> 1251		
South Paiute	FLOW <input checked="" type="radio"/>		
Big Indian Outlet	FLOW <input checked="" type="radio"/>		
Upper Lake Spillway	FLOW 3	.10	
D-Line at Indian Lakes	FLOW 18	.68	
Indian Lakes Rd.			Counter: 52805
Hunter Road			Counter: 39442
West County Rd.			Counter: 20312
Division Rd.			Counter: 188

Comments:

Harmon Spill Ramp Flume

$$Q = 33.69 \cdot (GH + 0.0458)^{1.764}$$

Side Slopes = 1.525 :1

Harmon Spill Sloping Staff Gage Rating Table Discharge, CFS

Date Prepared: 6/20/01

Sloping Staff, Feet	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	0.15	0.18	0.21	0.25	0.29	0.33	0.38	0.43	0.48	0.53
0.1	0.59	0.64	0.70	0.77	0.83	0.90	0.97	1.04	1.11	1.19
0.2	1.26	1.34	1.42	1.51	1.59	1.68	1.77	1.86	1.96	2.05
0.3	2.15	2.25	2.35	2.46	2.56	2.67	2.78	2.89	3.01	3.12
0.4	3.24	3.36	3.48	3.60	3.73	3.85	3.98	4.11	4.24	4.38
0.5	4.51	4.65	4.79	4.93	5.07	5.22	5.36	5.51	5.66	5.81
0.6	5.97	6.12	6.28	6.44	6.60	6.76	6.92	7.09	7.25	7.42
0.7	7.59	7.76	7.94	8.11	8.29	8.47	8.65	8.83	9.01	9.20
0.8	9.38	9.57	9.76	9.95	10.15	10.34	10.54	10.73	10.93	11.13
0.9	11.34	11.54	11.75	11.95	12.16	12.37	12.58	12.80	13.01	13.23
1.0	13.45	13.67	13.89	14.11	14.34	14.56	14.79	15.02	15.25	15.48
1.1	15.71	15.95	16.19	16.42	16.66	16.90	17.15	17.39	17.64	17.88
1.2	18.13	18.38	18.63	18.89	19.14	19.40	19.65	19.91	20.17	20.43
1.3	20.70	20.96	21.23	21.50	21.76	22.03	22.31	22.58	22.85	23.13
1.4	23.41	23.69	23.97	24.25	24.53	24.82	25.10	25.39	25.68	25.97
1.5	26.26	26.56	26.85	27.15	27.44	27.74	28.04	28.35	28.65	28.95
1.6	29.26	29.57	29.87	30.18	30.50	30.81	31.12	31.44	31.76	32.07
1.7	32.39	32.72	33.04	33.36	33.69	34.01	34.34	34.67	35.00	35.33
1.8	35.67	36.00	36.34	36.67	37.01	37.35	37.69	38.04	38.38	38.73
1.9	39.07	39.42	39.77	40.12	40.47	40.83	41.18	41.54	41.90	42.26
2.0	42.62	42.98	43.34	43.70	44.07	44.44	44.80	45.17	45.54	45.92
2.1	46.29	46.66	47.04	47.42	47.80	48.18	48.56	48.94	49.32	49.71
2.2	50.09	50.48	50.87	51.26	51.65	52.05	52.44	52.83	53.23	53.63
2.3	54.03	54.43	54.83	55.23	55.64	56.04	56.45	56.86	57.27	57.68
2.4	58.09	58.50	58.92	59.33	59.75	60.17	60.59	61.01	61.43	61.86
2.5	62.28	62.71	63.13	63.56	63.99	64.42	64.85	65.29	65.72	66.16
2.6	66.60	67.03	67.47	67.91	68.36	68.80	69.24	69.69	70.14	70.59
2.7	71.04	71.49	71.94	72.39	72.85	73.30	73.76	74.22	74.68	75.14
2.8	75.60	76.06	76.53	76.99	77.46	77.93	78.40	78.87	79.34	79.81
2.9	80.28	80.76	81.24	81.71	82.19	82.67	83.15	83.64	84.12	84.61
3.0	85.09	85.58	86.07	86.56	87.05	87.54	88.03	88.53	89.02	89.52
3.1	90.02	90.52	91.02	91.52	92.02	92.53	93.03	93.54	94.05	94.56
3.2	95.07	95.58	96.09	96.61	97.12	97.64	98.15	98.67	99.19	99.71
3.3	100.23	100.76	101.28	101.81	102.33	102.86	103.39	103.92	104.45	104.98
3.4	105.52	106.05	106.59	107.13	107.67	108.21	108.75	109.29	109.83	110.38
3.5	110.92	111.47	112.01	112.56	113.11	113.67	114.22	114.77	115.33	115.88
3.6	116.44	117.00	117.56	118.12	118.68	119.24	119.81	120.37	120.94	121.50

WpW
6-20

EAN CLUB

Ratings Trap Rating

Truckee-Carson Irrigation District

8/21/01 11:45 AM

May 1, 2001

Standard Trapezoidal Flume Rating Table

Equation: $Q = 1.19 + 1.67 * (GH / 1.6008)^{1.5} + 4.27 * (GH / 1.6008)^{2.5}$

Sloping Staff Gage Height, Feet	Flow, CFS									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.3	0.39	0.40	0.42	0.43	0.44	0.46	0.47	0.49	0.50	0.52
0.4	0.53	0.55	0.56	0.58	0.60	0.62	0.64	0.66	0.67	0.69
0.5	0.71	0.73	0.76	0.78	0.80	0.82	0.84	0.87	0.89	0.92
0.6	0.94	0.97	0.99	1.02	1.04	1.07	1.10	1.13	1.15	1.18
0.7	1.21	1.24	1.27	1.30	1.34	1.37	1.40	1.43	1.47	1.50
0.8	1.53	1.57	1.60	1.64	1.68	1.71	1.75	1.79	1.83	1.87
0.9	1.91	1.95	1.99	2.03	2.07	2.11	2.15	2.20	2.24	2.29
1.0	2.33	2.38	2.42	2.47	2.52	2.56	2.61	2.66	2.71	2.76
1.1	2.81	2.86	2.92	2.97	3.02	3.07	3.13	3.18	3.24	3.29
1.2	3.35	3.41	3.47	3.52	3.58	3.64	3.70	3.76	3.83	3.89
1.3	3.95	4.01	4.08	4.14	4.21	4.27	4.34	4.41	4.47	4.54
1.4	4.61	4.68	4.75	4.82	4.89	4.96	5.04	5.11	5.18	5.26
1.5	5.33	5.41	5.49	5.56	5.64	5.72	5.80	5.88	5.96	6.04
1.6	6.12	6.21	6.29	6.37	6.46	6.54	6.63	6.72	6.80	6.89
1.7	6.98	7.07	7.16	7.25	7.34	7.43	7.53	7.62	7.72	7.81
1.8	7.91	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80
1.9	8.90	9.01	9.11	9.22	9.32	9.43	9.54	9.64	9.75	9.86
2.0	9.97	10.08	10.19	10.31	10.42	10.53	10.65	10.76	10.88	11.00
2.1	11.12	11.23	11.35	11.47	11.59	11.72	11.84	11.96	12.09	12.21
2.2	12.34	12.46	12.59	12.72	12.84	12.97	13.10	13.23	13.37	13.50
2.3	13.63	13.77	13.90	14.04	14.17	14.31	14.45	14.59	14.73	14.87
2.4	15.01	15.15	15.29	15.44	15.58	15.73	15.87	16.02	16.17	16.31
2.5	16.46	16.61	16.77	16.92	17.07	17.22	17.38	17.53	17.69	17.84
2.6	18.00	18.16	18.32	18.48	18.64	18.80	18.97	19.13	19.29	19.46
2.7	19.62	19.79	19.96	20.13	20.30	20.47	20.64	20.81	20.98	21.16
2.8	21.33	21.51	21.68	21.86	22.04	22.22	22.40	22.58	22.76	22.94
2.9	23.12	23.31	23.49	23.68	23.87	24.05	24.24	24.43	24.62	24.81
3.0	25.00	25.20	25.39	25.59	25.78	25.98	26.18	26.37	26.57	26.77
3.1	26.97	27.18	27.38	27.58	27.79	27.99	28.20	28.41	28.62	28.82
3.2	29.03	29.25	29.46	29.67	29.88	30.10	30.31	30.53	30.75	30.97
3.3	31.19	31.41	31.63	31.85	32.07	32.30	32.52	32.75	32.98	33.20
3.4	33.43	33.66	33.89	34.12	34.36	34.59	34.82	35.06	35.30	35.53
3.5	35.77	36.01	36.25	36.49	36.73	36.98	37.22	37.47	37.71	37.96
3.6	38.21	38.46	38.71	38.96	39.21	39.46	39.71	39.97	40.22	40.48
3.7	40.74	41.00	41.26	41.52	41.78	42.04	42.31	42.57	42.84	43.10
3.8	43.37	43.64	43.91	44.18	44.45	44.72	45.00	45.27	45.55	45.82
3.9	46.10	46.38	46.66	46.94	47.22	47.50	47.79	48.07	48.36	48.64
4.0	48.93	49.22	49.51	49.80	50.09	50.38	50.68	50.97	51.27	51.56
4.1	51.86	52.16	52.46	52.76	53.06	53.37	53.67	53.98	54.28	54.59
4.2	54.90	55.21	55.52	55.83	56.14	56.46	56.77	57.09	57.40	57.72
4.3	58.04	58.36	58.68	59.00	59.32	59.65	59.97	60.30	60.63	60.95

by: D. Overvold