

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER SUPPLY BANK RENTAL AGREEMENT

The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:


Signature of Renter

Luke H. Marchant, Attorney
Printed Name and Title*

June 25, 2015
Date

Signature of Renter

Printed Name and Title*

Date

*Please provide title of signatory if signing on behalf of a company or organization or with power of attorney

Having determined that this agreement satisfied the provisions of Idaho Code § 42-1763 and IDAPA 37.02.03.030 (Water Supply Bank Rule 30), for the rental and use of water under the terms and condition herein provided, and none other, I hereby execute this Rental Agreement on behalf of the Idaho Water Resource Board.

By 

BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Date June 30, 2015

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER SUPPLY BANK RENTAL AGREEMENT

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER NW¼NE¼ Sec. 8 Twp 01N Rge 37E BONNEVILLE County

BENEFICIAL USE

IRRIGATION

SEASON OF USE

04/01 TO 10/31

RENTER'S PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	37E	8	2	0.2	13.3	3													18.5

Total Acres: 18.5

CONDITIONS APPLICABLE TO ALL RENTED WATER RIGHTS

1. The use of water under this agreement shall be subject to the provisions of Idaho Code § 42-1766.
2. Rental of the specified right from the bank does not, in itself, confirm the validity of the right or any elements of the water right, or improve the status of the right including the notion of resumption of use. It does not preclude the opportunity for review of the validity of this water right in any other department application process.
3. Use of water under this agreement does not constitute a dedication of the water to renter's place of use, and upon expiration of this agreement, the points of diversion and place of use of the water shall revert to those authorized under the water right and/or again be available to rent from the bank.
4. This rental does not grant any right-of-way or easement to use the diversion works or conveyance works of another party.
5. Use of water under this agreement shall not prejudice any action of the Department in its consideration of an application for transfer or permit filed by the applicant for this same use.
6. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
7. Renter agrees to hold the Board, the Director and the state of Idaho harmless from all liability on account of negligent acts of the renter while using water.
8. Renter acknowledges and agrees that the Director may terminate diversion of water if the Director determines there is not a sufficient water supply for the priority of the right or portion thereof being rented.
9. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
10. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
11. This rental agreement does not authorize the construction of a well.
12. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.

13. Use of water under this agreement will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 120.
14. The following rights are diverted through point(s) of diversion described above: 35-13975 and 35-13537.



STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

MAY 29 2015

DEPARTMENT OF
WATER RESOURCESAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKApplicant Name: South Interchange Properties, LLCIs this application being submitted with a lease application as a lease/rental package? Yes ☒ No ☐

An *Application to Rent Water from the Board's Water Supply Bank* must be completed in accordance with the minimum requirement checklist below to be acceptable for processing by the Idaho Department of Water Resources (IDWR). This checklist is part of the rental application and must be included with the rental application. Applications that do not meet the minimum requirements will not be placed in the processing queue and may be returned until all minimum requirements have been met.

Applications to rent water should be submitted well in advance of the desired start date for the use of water. Rental applications may be submitted as early as November 1 of the year prior to the intended use of rental water. Rental applications submitted more than one year in advance of the proposed start date for water use will not be accepted and will be returned to applicants. Rental applications will not be processed if they are received after the end of the rental season of use.

One rental application per beneficial use of water. One rental application can be submitted if you propose to rent water from multiple sources. For multiple beneficial uses of water, individual rental requests should be submitted for each unique beneficial use of water.

For additional instructions on completing a rental application, visit the Department's website at www.idwr.idaho.gov.

Checked All Items as Either Attached (Yes) or Not Applicable (N/A)		
YES		
☒	Completed <i>Application to Rent Water from the Board's Water Supply Bank</i>	
Attachment	N/A	YES
2	☒	A map showing the proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used with your rental request
3A	☐	☒ Detailed information on a proposed use of rental water
3E	☒	☐ Authorization from the owner/operator of the rental point(s) of diversion
3G	☐	☒ Water modeling to account for the impacts of the rental request
3J	☒	☐ Documents justifying a need to rent water for irrigation at a rate of flow greater than 0.02 cfs/acre
3K	☒	☐ Authorization from the owner/operator of the property at the proposed rental place(s) of use
4B	☒	☐ Explanation of how the rental water will sufficiently accomplish your rental purposes
4C	☒	☐ Explanation of consumptive use amounts for water rights experiencing a change in nature of use

Department Use Only – Proposed Water Right(s)

35-13944

35-13946

35-13948

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant South Interchange Properties, LLC

Mailing Address c/o Luke Marchant, Holden, Kidwell, Hahn & Crapo, P.L.L.C., PO Box 50130, Idaho Falls, ID 83405

Email Address lmarchant@holdenlegal.com

Phone Number (208) 523-0620

B. Is this application being completed by an authorized representative on behalf of the applicant? Yes ☒ No ☐
If yes, representatives (includes company employees if the applicant is a corporation, as well as legal counsel or consultants) should provide their information below if they desire to be included on correspondence with the rental applicant.

Representative Luke H. Marchant

Professional Title Attorney

Organization Holden, Kidwell, Hahn & Crapo, P.L.L.C.

Relationship to Applicant Attorney

Mailing Address PO Box 50130

Email Address lmarchant@holdenlegal.com

Phone Number (208) 523-0620

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use, and water diversion, delivery and distribution systems. Make sure the place of use is outlined with an obvious, bolded line. For irrigation purposes, note that the place of use outlined on your map cannot exceed the number of acres you are proposing to rent. Attach the map to this application and label it **Attachment 2**.

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

A. Describe the purpose of your rental request. Include any anticipated rates of water application, water use practices or number of stock (if any). If the proposed use is not for irrigation, please provide a detailed description of the proposed use and how you determined the amount of rental water required. Attach additional sheets if required and label it **Attachment 3A**:

This rental is for 18.5 acres of irrigation. The application proposes to rent 0.36 cfs and 74 acre-feet of water. Water will be diverted from an existing well located on the property.

B. Enter the desired and/or minimum necessary rates of flow, volume, or irrigable acres requested for your rental purposes:

Desired Rate (Cubic Feet/Second)	Desired Volume (Acre-Foot)	Minimum Rate* (Cubic Feet/Second)	Minimum Volume* (Acre-Foot)	Acres (if applicable) (Acre)
0.36 CFS	74 AF	0.36 CFS	74 AF	18.5 AC

Sometimes water rights available for rent provide an exceptionally low rate per acre and/or low volume per acre. This section is meant to establish an acceptable range of water sufficient for your proposed water use. Please see question 4B and complete if necessary.

C. Enter the proposed start date and latest possible start date for using rental water. Also provide the number of years you would like to rent water:

Proposed Start Date (month/day/year)	Latest Possible Start (month/day/year)	* Proposed Rental Duration (Max 5 Years)	** For multi-year rentals, indicate whether you desire to rent water for remaining years if a rental request cannot be approved for the first year?
06/01	10/31	1	☐ Yes, approve rental for all remaining future years. ☐ No, return rental request if first year is unapprovable.

* The number of years permissible for a rental is subject to the lease contract duration for the water right(s) being rented.

** Subject to the availability of rentable water. A multi-year rental that cannot begin during the first year requested may be approved for some or all remaining years, depending on availability. Rental requests will be returned if no water is available to rent in the first and/or subsequent years of the rental request.

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

- D. Refer to the map you created in item 2 and specify the location of the point(s) of diversion (POD) from which rental water is proposed to be diverted:

Water Source	TWP	RGE	SEC	¼	¼	¼	County	Other water rights for the same purpose diverted from this POD
Ground water	01N	37E	8		NW	NE	Bonneville	

The entry in this grid must match the map from item 2 on the application.

- E. Do you own and/or possess the authority to divert water from the above POD(s)? Yes ☒ No ☐
If no, provide documentation from the owner/operator confirming your authorization to use the POD(s) and label it Attachment 3E.

- F. Do any POD(s) identified in Question 3D divert from a water source that may require water modeling? Yes ☒ No ☐
Refer to the Water Modeling Requirements Information Sheet to determine if a rental POD may require water modeling.

- G. Has water modeling been provided with your rental request? Yes ☒ No ☐

If yes, include as Attachment 3G. Otherwise please explain why modeling was not provided:

Rental applications that require modeling will be returned if modeling is not provided.

- H. Specify the proposed beneficial use: ☒ Irrigation ☐ Commercial ☐ Industrial ☐ Municipal
☐ Groundwater Recharge ☐ Mining ☐ Stockwater ☐ Other: _____

- I. Refer to the map you created in item 2 and specify below the places you propose to use water. If for irrigation, specify the number of acres to be irrigated per ¼ ¼ tract. Otherwise indicate usage by marking the ¼ ¼ tracts with the first letter of your proposed use identified above:

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	37E	8	2	0.2	13.3	3													18.5
The entry in this grid must match the map from item 2 on the application.																			Total Acres (for Irrigation)
																			18.5

- J. For irrigation uses, do you propose a water diversion rate greater than 0.02 cfs/acre? N/A ☐ Yes ☐ No ☒
If yes, explain the justification for this rate of flow and attach any supporting documents as Attachment 3J:

- K. Do you own the land at the proposed rental place of use (POU)? Yes ☒ No ☐
If no, attach documentation from the POU owner/operator confirming your authorization to use the POU and label it Attachment 3K.

- L. Describe your water distribution system and how water will be delivered from the POD(s) to the proposed POU(s):
Water will be diverted from an existing well located on the property into a piped, pressurized system.

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

M. List all other water rights and sources of water at the rental place of use for the same purpose and explain why additional water is required. Include privately owned water rights and water received from a municipal supplier, an irrigation district, a canal company, or any other water deliver entity:

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights? Yes ☒ No ☐
If yes, specify below the water rights you are requesting to rent. Otherwise continue to Section 5 of this application form.

Please note: Diversion rates and volumes to be rented from a leased water right must be proportionate to the per acre diversion rates and per acre volume limits of the water right leased to the Bank. Applicants should query a water right's rental availability by reviewing active lease and rental documents, searchable via [IDWR's website](#), to ensure all elements of a water right remain available in sufficient quantity to satisfy a rental request.

Water rights identified below must either already be leased to the Bank or a lease proposal should accompany the rental request. **Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request.**

For leased rights with combined limits, applicants should request to rent against the combined limit diversion rate, volume or acre limits.

Elements of Water Rights Leased to the Bank (Contract Details)								Rental Request		
Water Right Number	Nature of Use	Water Source	Rate (CFS)	Volume (AF)	Acres (AC)	Start (year)	End (year)	Rate (CFS)	Vol. (AF)	Acres (AC)
35-13944	Irrigation	Ground water	0.27		32.0	2015	2015	0.16	32	8
35-13946	Irrigation	Ground water	0.23	51.2	12.8	2015	2015	0.14	30	7.5
35-13948	Irrigation	Ground water	0.11	22.8	5.7	2015	2015	0.06	12	3
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre that have been leased to the Water Supply Bank								TOTAL	0.36	74 18.5
									CFS	AF AC

Attach multiple copies of this page if space above is insufficient to list all water rights requested to be rented on this application.

B. If water right conditions, combined limits, or the sum of all water right elements being requested provide an unconventional duty of water (e.g., an unusually low rate per acre or volume per acre for irrigation use), explain how your proposed rental will sufficiently accomplish your intended purposes. Attach a separate page if space is insufficient and label it **Attachment 4B**:

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

- C. Does your rental request propose to change the nature of use for any water right(s) being requested? Yes ☐ No ☒
If yes, explain how the water right(s) will be converted to new uses. Include the historic, consumptive use amounts for the water right being rented, as well as the new consumptive use amount for your proposed beneficial use. Attach a separate page if space is insufficient and label it **Attachment 4C**:

5. ADDITIONAL INFORMATION

- A. Is this the first time that rental water is being requested for this purpose at the rental place of use? Yes ☐ No ☒
If no, list previous rental requests/agreements and explain why you have not secured a permanent water right for your needs:
The Applicant rented water for the same purposes in 2014. The water is used for irrigation of landscaping at a new office building. The Applicant has been looking for water to purchase for over a year and half now since it began construction of the building, but has been unsuccessful.
- B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental? Yes ☒ No ☐
If yes, describe: If the Applicant is able to find available water to purchase, it will be necessary to submit an application for transfer to move the water to the Applicant's place of use.
- C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☒
If yes, describe the date and location of the NOV.

DECLARATION

I hereby assert that the information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval. I understand that if this rental application is approved, it will be subject to the provisions of Section 42-1766, Idaho Code and all applicable state and federal laws.

Signature of Applicant



Signature of Representative

Printed Name of Applicant

Luke H. Marchant, Attorney

Printed Name of Representative

Date

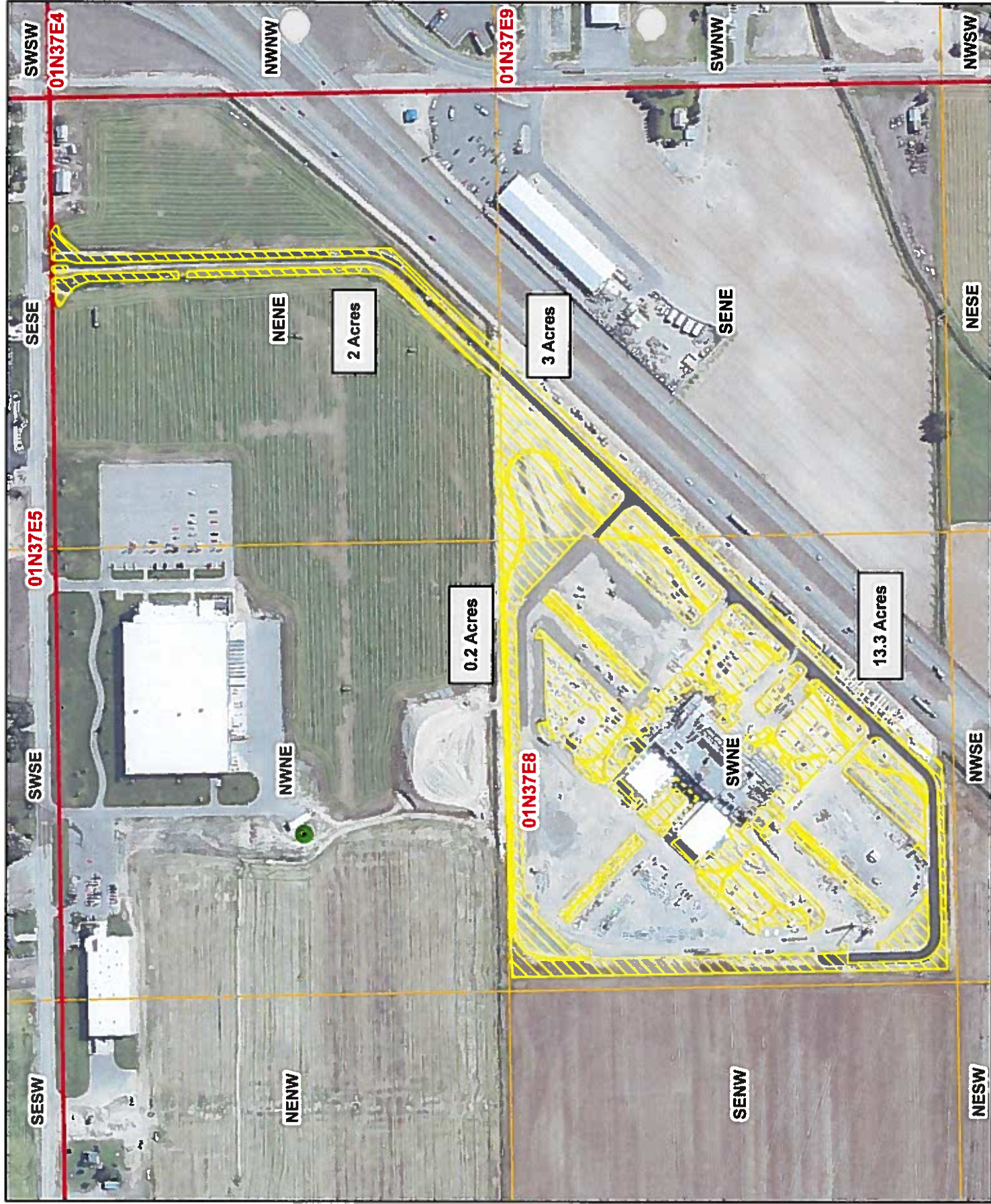
05/29/2015

Date

Mail to:

Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

SOUTH INTERCHANGE, LLC WATER BANK RENTAL



Legend

- Proposed POD (Green dot)
- POU (Yellow outline)
- Section Lines (Red outline)
- Quarter Quarters (Yellow outline)

2013 NAIP Photo



Prepared by:
 Luke H. Marchant
 04/01/2015

RECEIVED

MAY 29 2015

DEPARTMENT OF
WATER RESOURCES**ENHANCED GROUND-WATER RIGHTS TRANSFER**

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF WATER RESOURCES

Cells this color are
set up for user entriesENTER STARTING DATE FOR
SIMULATION. THEN PUSH
"UPDATE DATES" BUTTON

TRANSFER NO:

YEAR

1953

TRANSFER NAME

SEASON

WINTER

South Int.

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	74	73	74	
COLUMN	154	138	137	

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
WIN 1953	0	5	5	5	5	0	0
SPR 1954	0	5	5	5	5	0	0
SUM 1954	0	5	5	5	5	0	0
WIN 1954	0	5	5	5	5	0	0
SPR 1955	0	5	5	5	5	0	0
SUM 1955	0	5	5	5	5	0	0
WIN 1955	0	5	5	5	5	0	0
SPR 1956	0	5	5	5	5	0	0
SUM 1956	0	5	5	5	5	0	0
WIN 1956	0	5	5	5	5	0	0
SPR 1957	0	7	7	7	7	0	0
SUM 1957	0	7	7	7	7	0	0
WIN 1957	0	7	7	7	7	0	0
SPR 1958	0	7	7	7	7	0	0
SUM 1958	0	7	7	7	7	0	0
WIN 1958	0	7	7	7	7	0	0
SPR 1959	0	7	7	7	7	0	0
SUM 1959	0	7	7	7	7	0	0
WIN 1959	0	7	7	7	7	0	0
SPR 1960	0	7	7	7	7	0	0
SUM 1960	0	7	7	7	7	0	0
WIN 1960	0	7	7	7	7	0	0
SPR 1961	0	7	7	7	7	0	0
SUM 1961	0	7	7	7	7	0	0
WIN 1961	0	7	7	7	7	0	0
SPR 1962	0	7	7	7	7	0	0
SUM 1962	0	7	7	7	7	0	0
WIN 1962	0	7	7	7	7	0	0
SPR 1963	0	7	7	7	7	0	0
SUM 1963	0	7	7	7	7	0	0
WIN 1963	0	7	7	7	7	0	0
SPR 1964	0	7	7	7	7	0	0
SUM 1964	0	7	7	7	7	0	0
WIN 1964	0	7	7	7	7	0	0
SPR 1965	0	7	7	7	7	0	0
SUM 1965	0	7	7	7	7	0	0
WIN 1965	0	7	7	7	7	0	0
SPR 1966	0	7	7	7	7	0	0
SUM 1966	0	7	7	7	7	0	0
WIN 1966	0	7	7	7	7	0	0
SPR 1967	0	7	7	7	7	0	0

SUM 1967	0	7	7	7	7	0	0
WIN 1967	0	7	7	7	7	0	0
SPR 1968	0	7	7	7	7	0	0
SUM 1968	0	7	7	7	7	0	0
WIN 1968	0	7	7	7	7	0	0
SPR 1969	0	7	7	7	7	0	0
SUM 1969	0	7	7	7	7	0	0
WIN 1969	0	7	7	7	7	0	0
SPR 1970	0	7	7	7	7	0	0
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WIN 1970	0	7	7	7	7	0	0
SPR 1971	0	7	7	7	7	0	0
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WIN 1971	0	7	7	7	7	0	0
SPR 1972	0	7	7	7	7	0	0
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WIN 1972	0	7	7	7	7	0	0
SPR 1973	0	7	7	7	7	0	0
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WIN 1973	0	7	7	7	7	0	0
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WIN 1974	0	7	7	7	7	0	0
SPR 1975	0	7	7	7	7	0	0
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SPR 1977	0	7	7	7	7	0	0
SUM 1977	0	7	7	7	7	0	0
WIN 1977	0	7	7	7	7	0	0
SPR 1978	0	7	7	7	7	0	0
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WIN 1978	0	7	7	7	7	0	0
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WIN 1979	0	12	12	12	12	0	0
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WIN 1980	0	12	12	12	12	0	0
SPR 1981	0	12	12	12	12	0	0
SUM 1981	0	12	12	12	12	0	0
WIN 1981	0	12	12	12	12	0	0
SPR 1982	0	12	12	12	12	0	0
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WIN 1982	0	12	12	12	12	0	0
SPR 1983	0	12	12	12	12	0	0
SUM 1983	0	12	12	12	12	0	0
WIN 1983	0	12	12	12	12	0	0
SPR 1984	0	12	12	12	12	0	0
SUM 1984	0	12	12	12	12	0	0
WIN 1984	0	12	12	12	12	0	0
SPR 1985	0	12	12	12	12	0	0
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WIN 1985	0	12	12	12	12	0	0
SPR 1986	0	12	12	12	12	0	0
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WIN 1986	0	12	12	12	12	0	0
SPR 1987	0	12	12	12	12	0	0
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WIN 1990	0	12	12	12	12	0	0
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WIN 1991	0	12	12	12	12	0	0

SPR 1992	0	12	12	12	12	0	0
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WIN 1992	0	12	12	12	12	0	0
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SUM 1993	0	12	12	12	12	0	0
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WIN 1994	0	12	12	12	12	0	0
SPR 1995	0	12	12	12	12	0	0
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WIN 1995	0	12	12	12	12	0	0
SPR 1996	0	12	12	12	12	0	0
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WIN 1996	0	12	12	12	12	0	0
SPR 1997	0	12	12	12	12	0	0
SUM 1997	0	12	12	12	12	0	0
WIN 1997	0	12	12	12	12	0	0
SPR 1998	0	12	12	12	12	0	0
SUM 1998	0	12	12	12	12	0	0
WIN 1998	0	12	12	12	12	0	0
SPR 1999	0	12	12	12	12	0	0
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WIN 1999	0	12	12	12	12	0	0
SPR 2000	0	12	12	12	12	0	0
SUM 2000	0	12	12	12	12	0	0
WIN 2000	0	12	12	12	12	0	0
SPR 2001	0	12	12	12	12	0	0
SUM 2001	0	12	12	12	12	0	0
WIN 2001	0	12	12	12	12	0	0
SPR 2002	0	12	12	12	12	0	0
SUM 2002	0	12	12	12	12	0	0
WIN 2002	0	12	12	12	12	0	0
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WIN 2006	0	12	12	12	12	0	0
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SUM 2010	0	12	12	12	12	0	0
WIN 2010	0	12	12	12	12	0	0
SPR 2011	0	12	12	12	12	0	0
SUM 2011	0	12	12	12	12	0	0
WIN 2011	0	12	12	12	12	0	0
SPR 2012	0	12	12	12	12	0	0
SUM 2012	0	12	12	12	12	0	0
WIN 2012	0	12	12	12	12	0	0
SPR 2013	0	12	12	12	12	0	0
SUM 2013	0	12	12	12	12	0	0
WIN 2013	0	12	12	12	12	0	0
SPR 2014	0	12	12	12	12	0	0
SUM 2014	0	12	12	12	12	0	0
WIN 2014	0	12	12	12	12	0	0
SPR 2015	25	0	12	0	12	0	0
SUM 2015	25	0	12	0	12	0	0
WIN 2015	25	0	12	0	12	0	0
SPR 2016	0	12	12	12	12	0	0
SUM 2016	0	12	12	12	12	0	0

WIN 2016	0	12	12	12	12	0	0
SPR 2017	0	12	12	12	12	0	0
SUM 2017	0	12	12	12	12	0	0
WIN 2017	0	12	12	12	12	0	0
SPR 2018	0	12	12	12	12	0	0
SUM 2018	0	12	12	12	12	0	0
WIN 2018	0	12	12	12	12	0	0
SPR 2019	0	12	12	12	12	0	0
SUM 2019	0	12	12	12	12	0	0
WIN 2019	0	12	12	12	12	0	0
SPR 2020	0	12	12	12	12	0	0
SUM 2020	0	12	12	12	12	0	0
WIN 2020	0	12	12	12	12	0	0
SPR 2021	0	12	12	12	12	0	0
SUM 2021	0	12	12	12	12	0	0
WIN 2021	0	12	12	12	12	0	0
SPR 2022	0	12	12	12	12	0	0
SUM 2022	0	12	12	12	12	0	0
WIN 2022	0	12	12	12	12	0	0
SPR 2023	0	12	12	12	12	0	0
SUM 2023	0	12	12	12	12	0	0
WIN 2023	0	12	12	12	12	0	0
SPR 2024	0	12	12	12	12	0	0
SUM 2024	0	12	12	12	12	0	0
WIN 2024	0	12	12	12	12	0	0
SPR 2025	0	12	12	12	12	0	0
SUM 2025	0	12	12	12	12	0	0
WIN 2025	0	12	12	12	12	0	0
SPR 2026	0	12	12	12	12	0	0
SUM 2026	0	12	12	12	12	0	0
WIN 2026	0	12	12	12	12	0	0
SPR 2027	0	12	12	12	12	0	0
SUM 2027	0	12	12	12	12	0	0
WIN 2027	0	12	12	12	12	0	0
SPR 2028	0	12	12	12	12	0	0
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WIN 2028	0	12	12	12	12	0	0
SPR 2029	0	12	12	12	12	0	0
SUM 2029	0	12	12	12	12	0	0
WIN 2029	0	12	12	12	12	0	0
SPR 2030	0	12	12	12	12	0	0
SUM 2030	0	12	12	12	12	0	0
WIN 2030	0	12	12	12	12	0	0
SPR 2031	0	12	12	12	12	0	0
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WIN 2031	0	12	12	12	12	0	0
SPR 2032	0	12	12	12	12	0	0
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WIN 2032	0	12	12	12	12	0	0
SPR 2033	0	12	12	12	12	0	0
SUM 2033	0	12	12	12	12	0	0
WIN 2033	0	12	12	12	12	0	0
SPR 2034	0	12	12	12	12	0	0
SUM 2034	0	12	12	12	12	0	0
WIN 2034	0	12	12	12	12	0	0
SPR 2035	0	12	12	12	12	0	0
SUM 2035	0	12	12	12	12	0	0
WIN 2035	0	12	12	12	12	0	0
SPR 2036	0	12	12	12	12	0	0
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WIN 2036	0	12	12	12	12	0	0
SPR 2037	0	12	12	12	12	0	0
SUM 2037	0	12	12	12	12	0	0
WIN 2037	0	12	12	12	12	0	0
SPR 2038	0	12	12	12	12	0	0
SUM 2038	0	12	12	12	12	0	0
WIN 2038	0	12	12	12	12	0	0
SPR 2039	0	12	12	12	12	0	0
SUM 2039	0	12	12	12	12	0	0
WIN 2039	0	12	12	12	12	0	0
SPR 2040	0	12	12	12	12	0	0
SUM 2040	0	12	12	12	12	0	0
WIN 2040	0	12	12	12	12	0	0
SPR 2041	0	12	12	12	12	0	0

SUM 2041	0	12	12	12	12	0	0
WIN 2041	0	12	12	12	12	0	0
SPR 2042	0	12	12	12	12	0	0
SUM 2042	0	12	12	12	12	0	0
WIN 2042	0	12	12	12	12	0	0
SPR 2043	0	12	12	12	12	0	0
SUM 2043	0	12	12	12	12	0	0
WIN 2043	0	12	12	12	12	0	0
SPR 2044	0	12	12	12	12	0	0
SUM 2044	0	12	12	12	12	0	0
WIN 2044	0	12	12	12	12	0	0
SPR 2045	0	12	12	12	12	0	0
SUM 2045	0	12	12	12	12	0	0
WIN 2045	0	12	12	12	12	0	0
SPR 2046	0	12	12	12	12	0	0
SUM 2046	0	12	12	12	12	0	0
WIN 2046	0	12	12	12	12	0	0
SPR 2047	0	12	12	12	12	0	0
SUM 2047	0	12	12	12	12	0	0
WIN 2047	0	12	12	12	12	0	0
SPR 2048	0	12	12	12	12	0	0
SUM 2048	0	12	12	12	12	0	0
WIN 2048	0	12	12	12	12	0	0
SPR 2049	0	12	12	12	12	0	0
SUM 2049	0	12	12	12	12	0	0
WIN 2049	0	12	12	12	12	0	0
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WIN 2050	0	12	12	12	12	0	0
SPR 2051	0	12	12	12	12	0	0
SUM 2051	0	12	12	12	12	0	0
WIN 2051	0	12	12	12	12	0	0
SPR 2052	0	12	12	12	12	0	0
SUM 2052	0	12	12	12	12	0	0
WIN 2052	0	12	12	12	12	0	0
SPR 2053	0	12	12	12	12	0	0
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WIN 2053	0	12	12	12	12	0	0
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WIN 2055	0	12	12	12	12	0	0
SPR 2056	0	12	12	12	12	0	0
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WIN 2056	0	12	12	12	12	0	0
SPR 2057	0	12	12	12	12	0	0
SUM 2057	0	12	12	12	12	0	0
WIN 2057	0	12	12	12	12	0	0
SPR 2058	0	12	12	12	12	0	0
SUM 2058	0	12	12	12	12	0	0
WIN 2058	0	12	12	12	12	0	0
SPR 2059	0	12	12	12	12	0	0
SUM 2059	0	12	12	12	12	0	0
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SPR 2060	0	12	12	12	12	0	0
SUM 2060	0	12	12	12	12	0	0
WIN 2060	0	12	12	12	12	0	0
SPR 2061	0	12	12	12	12	0	0
SUM 2061	0	12	12	12	12	0	0
WIN 2061	0	12	12	12	12	0	0
SPR 2062	0	12	12	12	12	0	0
SUM 2062	0	12	12	12	12	0	0
WIN 2062	0	12	12	12	12	0	0
SPR 2063	0	12	12	12	12	0	0
SUM 2063	0	12	12	12	12	0	0
WIN 2063	0	12	12	12	12	0	0
SPR 2064	0	12	12	12	12	0	0
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WIN 2064	0	12	12	12	12	0	0
SPR 2065	0	12	12	12	12	0	0
SUM 2065	0	12	12	12	12	0	0
WIN 2065	0	12	12	12	12	0	0

SPR 2066	0	12	12	12	12	0	0
SUM 2066	0	12	12	12	12	0	0
WIN 2066	0	12	12	12	12	0	0
SPR 2067	0	12	12	12	12	0	0
SUM 2067	0	12	12	12	12	0	0
WIN 2067	0	12	12	12	12	0	0
SPR 2068	0	12	12	12	12	0	0
SUM 2068	0	12	12	12	12	0	0
WIN 2068	0	12	12	12	12	0	0
SPR 2069	0	12	12	12	12	0	0
SUM 2069	0	12	12	12	12	0	0
WIN 2069	0	12	12	12	12	0	0
SPR 2070	0	12	12	12	12	0	0
SUM 2070	0	12	12	12	12	0	0
WIN 2070	0	12	12	12	12	0	0
SPR 2071	0	12	12	12	12	0	0
SUM 2071	0	12	12	12	12	0	0
WIN 2071	0	12	12	12	12	0	0
SPR 2072	0	12	12	12	12	0	0
SUM 2072	0	12	12	12	12	0	0
WIN 2072	0	12	12	12	12	0	0
SPR 2073	0	12	12	12	12	0	0
SUM 2073	0	12	12	12	12	0	0
WIN 2073	0	12	12	12	12	0	0
SPR 2074	0	12	12	12	12	0	0
SUM 2074	0	12	12	12	12	0	0
WIN 2074	0	12	12	12	12	0	0
SPR 2075	0	12	12	12	12	0	0
SUM 2075	0	12	12	12	12	0	0
WIN 2075	0	12	12	12	12	0	0
SPR 2076	0	12	12	12	12	0	0
SUM 2076	0	12	12	12	12	0	0
WIN 2076	0	12	12	12	12	0	0
SPR 2077	0	12	12	12	12	0	0
SUM 2077	0	12	12	12	12	0	0
WIN 2077	0	12	12	12	12	0	0
SPR 2078	0	12	12	12	12	0	0
SUM 2078	0	12	12	12	12	0	0
WIN 2078	0	12	12	12	12	0	0
SPR 2079	0	12	12	12	12	0	0
SUM 2079	0	12	12	12	12	0	0
WIN 2079	0	12	12	12	12	0	0
SPR 2080	0	12	12	12	12	0	0
SUM 2080	0	12	12	12	12	0	0
WIN 2080	0	12	12	12	12	0	0
SPR 2081	0	12	12	12	12	0	0
SUM 2081	0	12	12	12	12	0	0
WIN 2081	0	12	12	12	12	0	0
SPR 2082	0	12	12	12	12	0	0
SUM 2082	0	12	12	12	12	0	0
WIN 2082	0	12	12	12	12	0	0
SPR 2083	0	12	12	12	12	0	0
SUM 2083	0	12	12	12	12	0	0
WIN 2083	0	12	12	12	12	0	0
SPR 2084	0	12	12	12	12	0	0
SUM 2084	0	12	12	12	12	0	0
WIN 2084	0	12	12	12	12	0	0
SPR 2085	0	12	12	12	12	0	0
SUM 2085	0	12	12	12	12	0	0
WIN 2085	0	12	12	12	12	0	0
SPR 2086	0	12	12	12	12	0	0
SUM 2086	0	12	12	12	12	0	0
WIN 2086	0	12	12	12	12	0	0
SPR 2087	0	12	12	12	12	0	0
SUM 2087	0	12	12	12	12	0	0
WIN 2087	0	12	12	12	12	0	0
SPR 2088	0	12	12	12	12	0	0
SUM 2088	0	12	12	12	12	0	0
WIN 2088	0	12	12	12	12	0	0
SPR 2089	0	12	12	12	12	0	0
SUM 2089	0	12	12	12	12	0	0
WIN 2089	0	12	12	12	12	0	0
SPR 2090	0	12	12	12	12	0	0
SUM 2090	0	12	12	12	12	0	0

WIN 2090	0	12	12	12	12	0	0
SPR 2091	0	12	12	12	12	0	0
SUM 2091	0	12	12	12	12	0	0
WIN 2091	0	12	12	12	12	0	0
SPR 2092	0	12	12	12	12	0	0
SUM 2092	0	12	12	12	12	0	0
WIN 2092	0	12	12	12	12	0	0
SPR 2093	0	12	12	12	12	0	0
SUM 2093	0	12	12	12	12	0	0
WIN 2093	0	12	12	12	12	0	0
SPR 2094	0	12	12	12	12	0	0
SUM 2094	0	12	12	12	12	0	0
WIN 2094	0	12	12	12	12	0	0
SPR 2095	0	12	12	12	12	0	0
SUM 2095	0	12	12	12	12	0	0
WIN 2095	0	12	12	12	12	0	0
SPR 2096	0	12	12	12	12	0	0
SUM 2096	0	12	12	12	12	0	0
WIN 2096	0	12	12	12	12	0	0
SPR 2097	0	12	12	12	12	0	0
SUM 2097	0	12	12	12	12	0	0
WIN 2097	0	12	12	12	12	0	0
SPR 2098	0	12	12	12	12	0	0
SUM 2098	0	12	12	12	12	0	0
WIN 2098	0	12	12	12	12	0	0
SPR 2099	0	12	12	12	12	0	0
SUM 2099	0	12	12	12	12	0	0
WIN 2099	0	12	12	12	12	0	0
SPR 2100	0	12	12	12	12	0	0
SUM 2100	0	12	12	12	12	0	0
WIN 2100	0	12	12	12	12	0	0
SPR 2101	0	12	12	12	12	0	0
SUM 2101	0	12	12	12	12	0	0
WIN 2101	0	12	12	12	12	0	0
SPR 2102	0	12	12	12	12	0	0
SUM 2102	0	12	12	12	12	0	0
WIN 2102	0	12	12	12	12	0	0
SPR 2103	0	12	12	12	12	0	0
SUM 2103	0	12	12	12	12	0	0

Enter Information for First Transfer Here

WR No.	Div. Rate (CFS)	Con. Vol. (AF/)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
0	0	0	0	7/20/1900	0	0.0	

Transfer 1: Input Water Right Conditions Prior to Transfer

Pre SS Post SS	Pre TS Post TS	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bicki	Nr Bicki to Nealey	Nealey to Minidoka	Dev. W/B. To Buhl	Buhl to Kspir	Kspir to Kspir	Kspir to Malad	Malad to Malad	Malad to Bancroft
0.92	0.92	1.14	1.14	7.83	13.78	0.32	0.32	0.12	0.08	0.01	0.07	0.00
0.92	0.92	1.14	1.14	7.83	13.78	0.32	0.32	0.12	0.08	0.01	0.07	0.00
1.02	1.02	1.61	1.61	8.65	13.90	0.32	0.32	0.12	0.08	0.01	0.07	0.00

Steady State Analysis

Mitigation Check 1 - > 10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2 AFT:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - > 10% of Total:	3.8%	4.6%	31.8%	56.0%	1.3%	1.3%	0.5%	0.3%	0.0%	0.3%	0.0%	0.0%
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

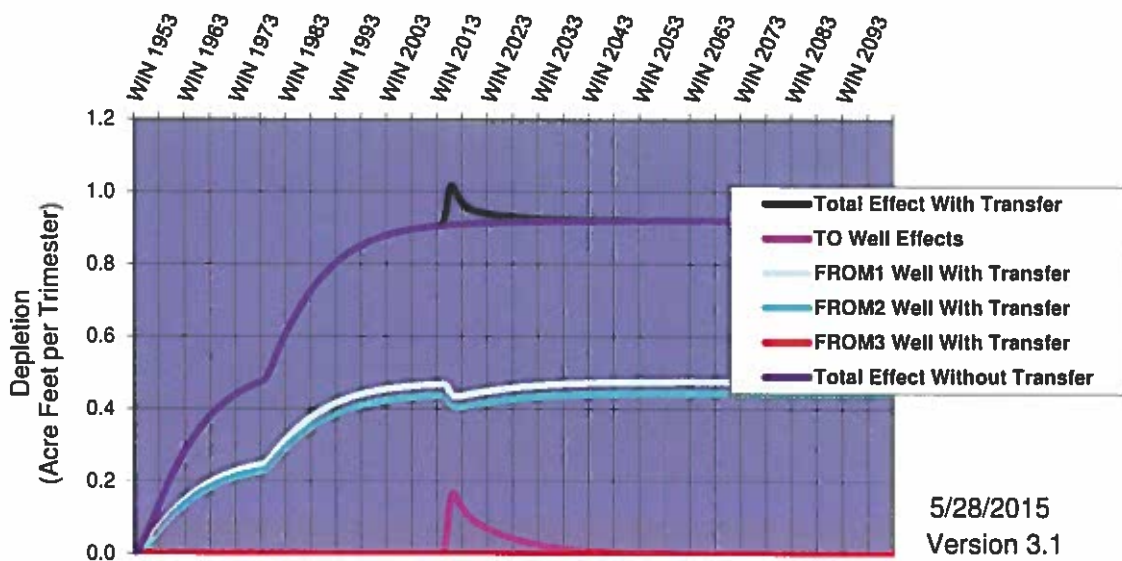
Transient State Analysis

Mitigation Check 1 - > 10% of Historical:	10.3%	41.5%	10.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2.01 AFT:	0.1	0.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.1	0.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

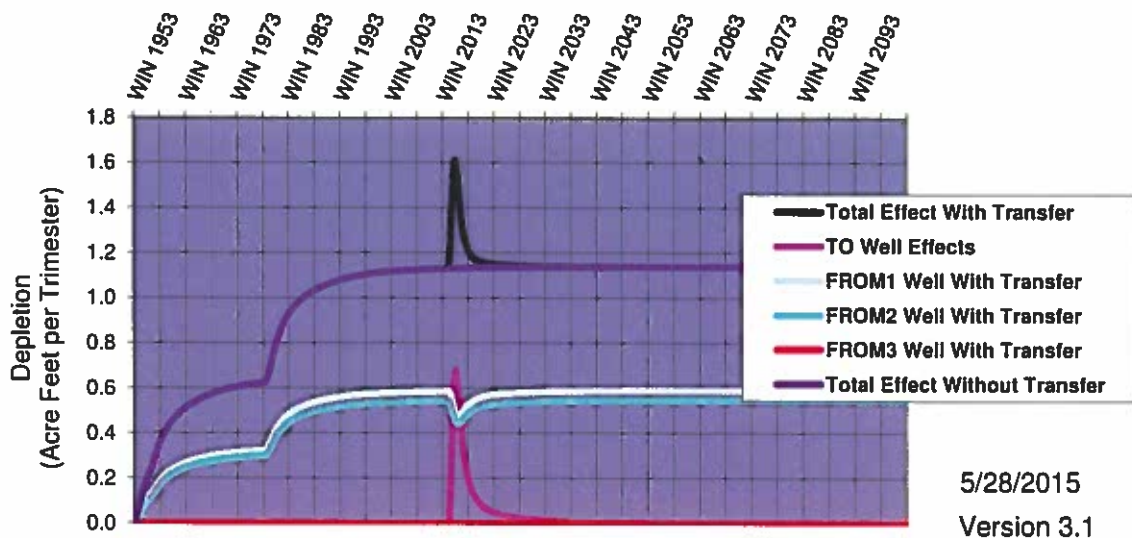
Impact by Reach (AF/Trimester)

Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bicki	Nr Bicki to Nealey	Nealey to Minidoka	Dev. W/B. To Buhl	Buhl to Kspir	Kspir to Kspir	Kspir to Malad	Malad to Malad	Malad to Bancroft
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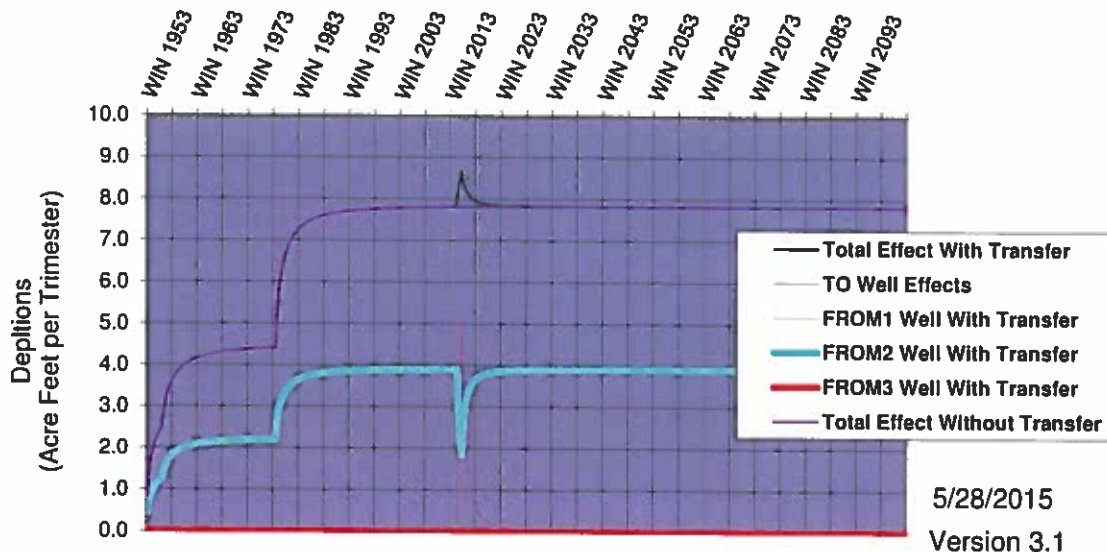
Hydrologic Response--Ashton to Rexburg Customer Name: South Int. Transfer No:



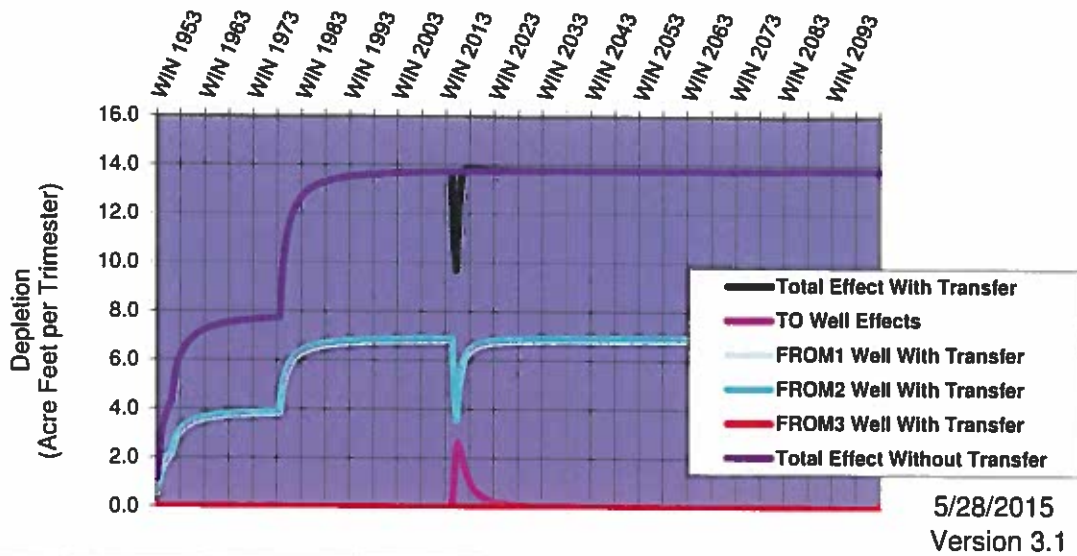
Hydrologic Response--Heise to Shelley Customer Name: South Int. Transfer No:



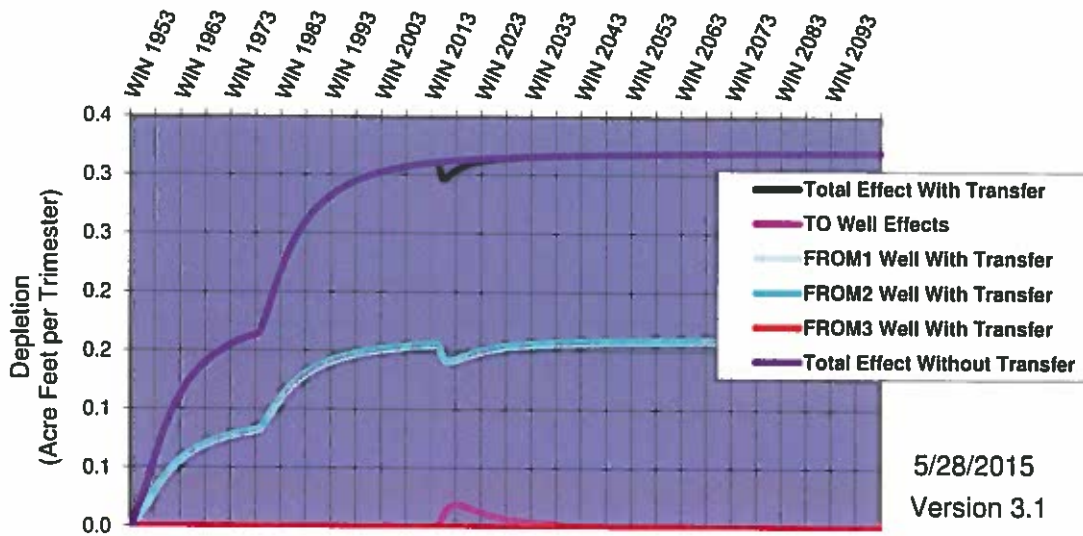
Hydrologic Response--Shelley to Near Blackfoot
Customer Name: South Int. Transfer No:



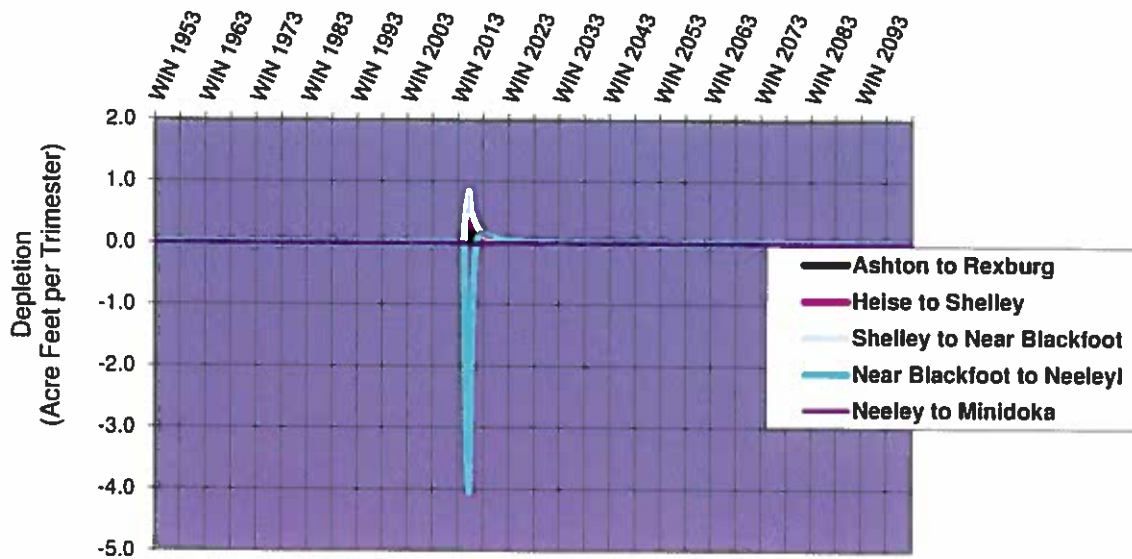
Hydrologic Response-- Near Blackfoot to Neeley
Customer Name: South Int. Transfer No:



Hydrologic Response-- Neeley to Minidoka Customer Name: South Int. Transfer No:



Net Transfer Effect Above Milner (Total Effect With Transfer - Total Effect Without Transfer)



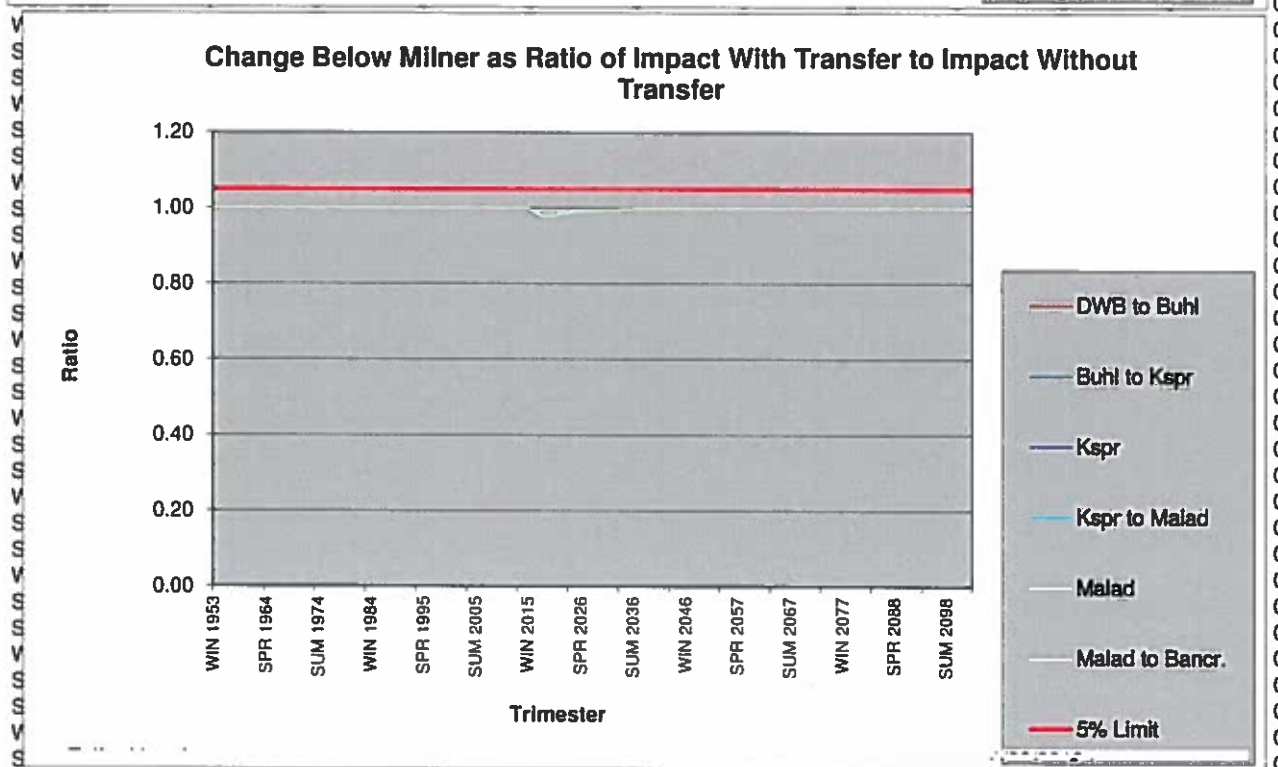
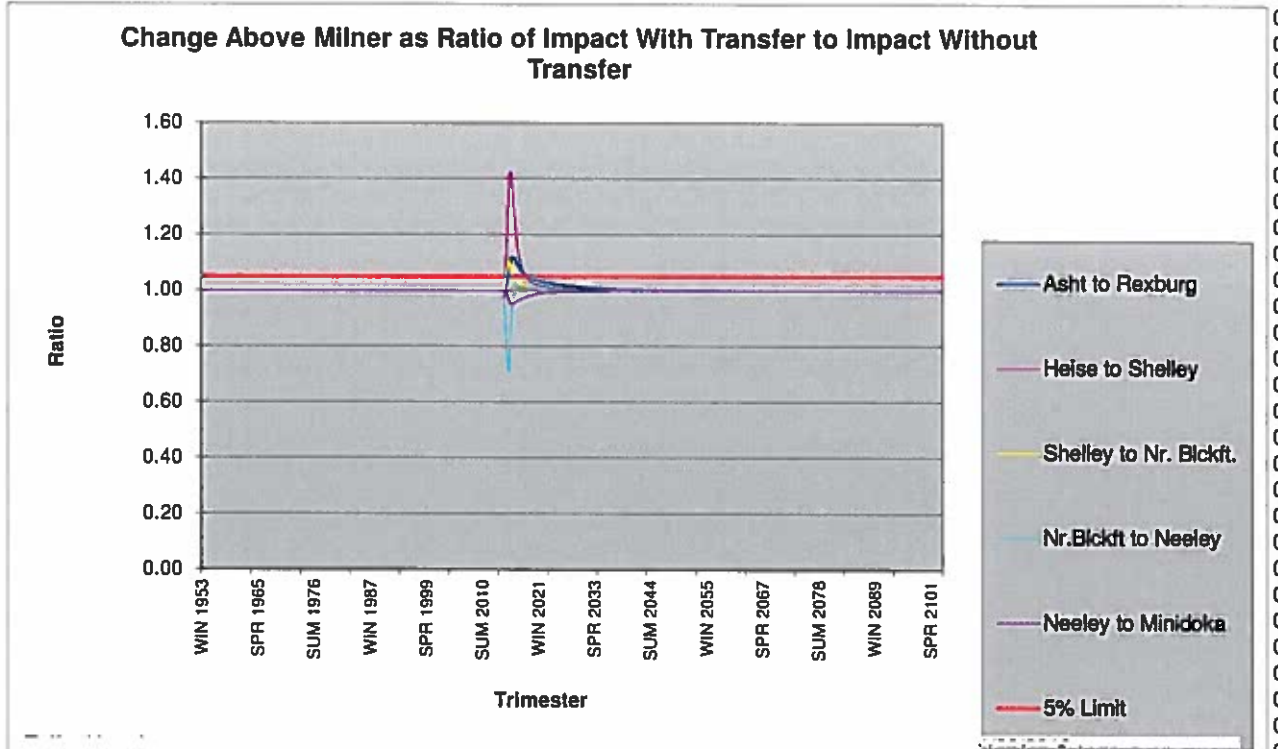
Customer Name: South Int.

Transfer No:

5/28/2015
Version 3.1

Net effect of transfer, acre feet

period	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft to Neeley	Neeley to Minidoka	Dev. Wbl. to Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
WIN 1953	0	0	0	0	0	0	0	0	0	0	0



[illegible]

SUM 1994	0	0	0	0	0	0	0	0	0	0	0	0
WIN 1994	0	0	0	0	0	0	0	0	0	0	0	0
SPR 1995	0	0	0	0	0	0	0	0	0	0	0	0
SUM 1995	0	0	0	0	0	0	0	0	0	0	0	0
WIN 1995	0	0	0	0	0	0	0	0	0	0	0	0
SPR 1996	0	0	0	0	0	0	0	0	0	0	0	0
SUM 1996	0	0	0	0	0	0	0	0	0	0	0	0
WIN 1996	0	0	0	0	0	0	0	0	0	0	0	0
SPR 1997	0	0	0	0	0	0	0	0	0	0	0	0
SUM 1997	0	0	0	0	0	0	0	0	0	0	0	0
WIN 1997	0	0	0	0	0	0	0	0	0	0	0	0
SPR 1998	0	0	0	0	0	0	0	0	0	0	0	0
SUM 1998	0	0	0	0	0	0	0	0	0	0	0	0
WIN 1998	0	0	0	0	0	0	0	0	0	0	0	0
SPR 1999	0	0	0	0	0	0	0	0	0	0	0	0
SUM 1999	0	0	0	0	0	0	0	0	0	0	0	0
WIN 1999	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2000	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2000	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2000	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2001	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2001	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2001	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2002	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2002	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2002	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2003	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2003	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2003	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2004	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2004	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2004	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2005	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2005	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2005	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2006	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2006	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2006	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2007	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2007	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2007	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2008	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2008	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2008	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2009	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2009	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2009	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2010	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2010	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2010	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2011	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2011	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2011	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2012	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2012	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2012	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2013	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2013	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2013	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2014	0	0	0	0	0	0	0	0	0	0	0	0
SUM 2014	0	0	0	0	0	0	0	0	0	0	0	0
WIN 2014	0	0	0	0	0	0	0	0	0	0	0	0
SPR 2015	0.012512	0.126525	0.464911	-2.19056	-0.00276	-3.4E-05	-1.1E-05	-6.6E-06	-6.7E-07	-6.1E-06	-1.8E-07	

SUM 2015	0.039566	0.304388	0.66121	-3.46123	-0.00749	-0.00018	-5.9E-05	-3.7E-05	-3.8E-06	-3.4E-05	-1E-06
WIN 2015	0.074977	0.471231	0.844491	-4.04552	-0.0128	-0.00055	-0.00018	-0.00012	-1.2E-05	-0.00011	-3.3E-06
SPR 2016	0.099803	0.479243	0.53319	-2.09548	-0.01517	-0.00119	-0.0004	-0.00025	-2.7E-05	-0.00023	-7.4E-06
SUM 2016	0.108237	0.403576	0.460891	-0.90269	-0.01515	-0.00205	-0.00072	-0.00045	-4.7E-05	-0.00041	-1.3E-05
WIN 2016	0.104977	0.313088	0.377828	-0.32018	-0.01414	-0.00303	-0.00108	-0.00068	-7.2E-05	-0.00063	-2E-05
SPR 2017	0.096245	0.235914	0.306156	-0.04669	-0.01293	-0.00401	-0.00146	-0.00092	-9.8E-05	-0.00085	-2.8E-05
SUM 2017	0.086148	0.177532	0.250025	0.078812	-0.01179	-0.00488	-0.00181	-0.00114	-0.00012	-0.00106	-3.5E-05
WIN 2017	0.076654	0.135368	0.206718	0.132929	-0.01078	-0.00559	-0.0021	-0.00132	-0.00014	-0.00123	-4.1E-05
SPR 2018	0.068439	0.105295	0.173031	0.152117	-0.00986	-0.00611	-0.00232	-0.00147	-0.00016	-0.00137	-4.6E-05
SUM 2018	0.061574	0.083747	0.146454	0.154154	-0.00902	-0.00646	-0.00247	-0.00157	-0.00017	-0.00147	-5E-05
WIN 2018	0.055897	0.0681	0.125171	0.147948	-0.00824	-0.00664	-0.00256	-0.00162	-0.00018	-0.00153	-5.3E-05
SPR 2019	0.051194	0.056536	0.107889	0.138058	-0.0075	-0.0067	-0.0026	-0.00165	-0.00018	-0.00155	-5.4E-05
SUM 2019	0.047266	0.047823	0.093683	0.126846	-0.0068	-0.00665	-0.0026	-0.00165	-0.00018	-0.00156	-5.4E-05
WIN 2019	0.043945	0.04113	0.081878	0.11553	-0.00616	-0.00652	-0.00256	-0.00162	-0.00018	-0.00154	-5.4E-05
SPR 2020	0.0411	0.035889	0.071979	0.104722	-0.00556	-0.00634	-0.00249	-0.00158	-0.00017	-0.0015	-5.3E-05
SUM 2020	0.038631	0.031713	0.063611	0.094704	-0.00501	-0.00612	-0.00241	-0.00153	-0.00017	-0.00146	-5.1E-05
WIN 2020	0.03646	0.028327	0.05649	0.085581	-0.00451	-0.00588	-0.00232	-0.00147	-0.00016	-0.0014	-5E-05
SPR 2021	0.034528	0.02554	0.050393	0.077361	-0.00406	-0.00562	-0.00222	-0.00141	-0.00016	-0.00135	-4.8E-05
SUM 2021	0.032791	0.023212	0.045143	0.070003	-0.00366	-0.00536	-0.00212	-0.00135	-0.00015	-0.00129	-4.6E-05
WIN 2021	0.031214	0.021243	0.040602	0.063442	-0.00329	-0.0051	-0.00202	-0.00128	-0.00014	-0.00123	-4.4E-05
SPR 2022	0.029768	0.019556	0.036655	0.057602	-0.00297	-0.00484	-0.00191	-0.00122	-0.00013	-0.00117	-4.2E-05
SUM 2022	0.028435	0.018095	0.03321	0.05241	-0.00269	-0.0046	-0.00182	-0.00115	-0.00013	-0.00111	-4E-05
WIN 2022	0.027196	0.016818	0.030191	0.04779	-0.00243	-0.00436	-0.00172	-0.00109	-0.00012	-0.00105	-3.8E-05
SPR 2023	0.026039	0.015691	0.027535	0.043678	-0.00221	-0.00413	-0.00163	-0.00104	-0.00012	-0.00099	-3.6E-05
SUM 2023	0.024953	0.014688	0.025189	0.040012	-0.00201	-0.00391	-0.00154	-0.00098	-0.00011	-0.00094	-3.4E-05
WIN 2023	0.023928	0.013788	0.023109	0.03674	-0.00183	-0.0037	-0.00146	-0.00093	-0.0001	-0.00089	-3.2E-05
SPR 2024	0.022959	0.012976	0.021259	0.033811	-0.00167	-0.00351	-0.00138	-0.00088	-9.8E-05	-0.00084	-3E-05
SUM 2024	0.02204	0.012239	0.019607	0.031185	-0.00153	-0.00332	-0.00131	-0.00083	-9.2E-05	-0.0008	-2.9E-05
WIN 2024	0.021164	0.011565	0.018128	0.028825	-0.00141	-0.00315	-0.00124	-0.00079	-8.7E-05	-0.00076	-2.7E-05
SPR 2025	0.02033	0.010946	0.016798	0.026699	-0.0013	-0.00298	-0.00117	-0.00075	-8.3E-05	-0.00071	-2.6E-05
SUM 2025	0.019532	0.010375	0.015598	0.024778	-0.0012	-0.00283	-0.00111	-0.00071	-7.8E-05	-0.00068	-2.5E-05
WIN 2025	0.018769	0.009846	0.014513	0.023039	-0.00111	-0.00268	-0.00105	-0.00067	-7.4E-05	-0.00064	-2.3E-05
SPR 2026	0.018038	0.009355	0.013529	0.021459	-0.00103	-0.00254	-0.001	-0.00063	-7E-05	-0.00061	-2.2E-05
SUM 2026	0.017337	0.008897	0.012633	0.020021	-0.00096	-0.00241	-0.00094	-0.0006	-6.7E-05	-0.00058	-2.1E-05
WIN 2026	0.016664	0.008468	0.011816	0.01871	-0.00089	-0.00229	-0.0009	-0.00057	-6.3E-05	-0.00055	-2E-05
SPR 2027	0.016017	0.008066	0.011068	0.017511	-0.00084	-0.00217	-0.00085	-0.00054	-6E-05	-0.00052	-1.9E-05
SUM 2027	0.015396	0.007687	0.010382	0.016411	-0.00078	-0.00207	-0.00081	-0.00051	-5.7E-05	-0.00049	-1.8E-05
WIN 2027	0.014798	0.007331	0.009751	0.015401	-0.00074	-0.00196	-0.00077	-0.00049	-5.4E-05	-0.00047	-1.7E-05
SPR 2028	0.014223	0.006995	0.00917	0.014471	-0.00069	-0.00187	-0.00073	-0.00046	-5.1E-05	-0.00044	-1.6E-05
SUM 2028	0.01367	0.006677	0.008633	0.013612	-0.00065	-0.00177	-0.00069	-0.00044	-4.9E-05	-0.00042	-1.6E-05
WIN 2028	0.013138	0.006376	0.008136	0.012817	-0.00061	-0.00169	-0.00066	-0.00042	-4.6E-05	-0.0004	-1.5E-05
SPR 2029	0.012626	0.006091	0.007675	0.012082	-0.00058	-0.00161	-0.00062	-0.0004	-4.4E-05	-0.00038	-1.4E-05
SUM 2029	0.012133	0.00582	0.007247	0.011399	-0.00055	-0.00153	-0.00059	-0.00038	-4.2E-05	-0.00036	-1.4E-05
WIN 2029	0.011658	0.005563	0.006849	0.010765	-0.00052	-0.00146	-0.00056	-0.00036	-4E-05	-0.00034	-1.3E-05
SPR 2030	0.011202	0.005319	0.006477	0.010174	-0.00049	-0.00139	-0.00054	-0.00034	-3.8E-05	-0.00033	-1.2E-05
SUM 2030	0.010762	0.005086	0.00613	0.009623	-0.00047	-0.00132	-0.00051	-0.00032	-3.6E-05	-0.00031	-1.2E-05
WIN 2030	0.010339	0.004865	0.005806	0.009108	-0.00044	-0.00126	-0.00049	-0.00031	-3.4E-05	-0.0003	-1.1E-05
SPR 2031	0.009932	0.004654	0.005502	0.008626	-0.00042	-0.0012	-0.00046	-0.00029	-3.3E-05	-0.00028	-1.1E-05
SUM 2031	0.009541	0.004453	0.005218	0.008176	-0.0004	-0.00115	-0.00044	-0.00028	-3.1E-05	-0.00027	-1E-05
WIN 2031	0.009164	0.004261	0.004951	0.007753	-0.00038	-0.00109	-0.00042	-0.00027	-3E-05	-0.00026	-9.9E-06
SPR 2032	0.008802	0.004078	0.004701	0.007356	-0.00036	-0.00104	-0.0004	-0.00026	-2.8E-05	-0.00024	-9.5E-06
SUM 2032	0.008453	0.003903	0.004465	0.006984	-0.00035	-0.001	-0.00038	-0.00024	-2.7E-05	-0.00023	-9.1E-06
WIN 2032	0.008118	0.003736	0.004243	0.006634	-0.00033	-0.00095	-0.00037	-0.00023	-2.6E-05	-0.00022	-8.8E-06
SPR 2033	0.007796	0.003577	0.004034	0.006304	-0.00032	-0.00091	-0.00035	-0.00022	-2.5E-05	-0.00021	-8.4E-06
SUM 2033	0.007486	0.003425	0.003837	0.005993	-0.0003	-0.00087	-0.00033	-0.00021	-2.3E-05	-0.0002	-8.1E-06
WIN 2033	0.007189	0.00328	0.003651	0.0057	-0.00029	-0.00083	-0.00032	-0.0002	-2.2E-05	-0.00019	-7.8E-06
SPR 2034	0.006902	0.003141	0.003476	0.005424	-0.00028	-0.0008	-0.0003	-0.00019	-2.1E-05	-0.00018	-7.5E-06
SUM 2034	0.006627	0.003008	0.003309	0.005162	-0.00027	-0.00076	-0.00029	-0.00018	-2E-05	-0.00018	-7.2E-06
WIN 2034	0.006363	0.002881	0.003152	0.004915	-0.00025	-0.00073	-0.00028	-0.00018	-1.9E-05	-0.00017	-7E-06
SPR 2035	0.006109	0.00276	0.003004	0.004681	-0.00024	-0.0007	-0.00027	-0.00017	-1.9E-05	-0.00016	-6.7E-06
SUM 2035	0.005865	0.002644	0.002863	0.00446	-0.00023	-0.00067	-0.00025	-0.00016	-1.8E-05	-0.00015	-6.5E-06
WIN 2035	0.005631	0.002533	0.00273	0.004251	-0.00022	-0.00064	-0.00024	-0.00015	-1.7E-05	-0.00015	-6.3E-06
SPR 2036	0.005406	0.002427	0.002603	0.004053	-0.00022	-0.00061	-0.00023	-0.00015	-1.6E-05	-0.00014	-6.1E-06

SUM 2036	0.00519	0.002325	0.002484	0.003865	-0.00021	-0.00059	-0.00022	-0.00014	-1.6E-05	-0.00013	-5.9E-06
WIN 2036	0.004982	0.002228	0.00237	0.003686	-0.0002	-0.00056	-0.00021	-0.00014	-1.5E-05	-0.00013	-5.7E-06
SPR 2037	0.004783	0.002135	0.002262	0.003517	-0.00019	-0.00054	-0.0002	-0.00013	-1.4E-05	-0.00012	-5.5E-06
SUM 2037	0.004591	0.002046	0.00216	0.003357	-0.00018	-0.00052	-0.0002	-0.00012	-1.4E-05	-0.00012	-5.3E-06
WIN 2037	0.004408	0.001961	0.002063	0.003204	-0.00018	-0.0005	-0.00019	-0.00012	-1.3E-05	-0.00011	-5.2E-06
SPR 2038	0.004231	0.00188	0.00197	0.003059	-0.00017	-0.00048	-0.00018	-0.00011	-1.3E-05	-0.00011	-5E-06
SUM 2038	0.004062	0.001802	0.001882	0.002922	-0.00016	-0.00046	-0.00017	-0.00011	-1.2E-05	-0.0001	-4.8E-06
WIN 2038	0.0039	0.001727	0.001799	0.002791	-0.00016	-0.00044	-0.00017	-0.0001	-1.2E-05	-9.9E-05	-4.7E-06
SPR 2039	0.003744	0.001656	0.001719	0.002666	-0.00015	-0.00042	-0.00016	-0.0001	-1.1E-05	-9.5E-05	-4.6E-06
SUM 2039	0.003594	0.001588	0.001643	0.002547	-0.00015	-0.0004	-0.00015	-9.7E-05	-1.1E-05	-9.1E-05	-4.4E-06
WIN 2039	0.00345	0.001522	0.001571	0.002434	-0.00014	-0.00039	-0.00015	-9.3E-05	-1E-05	-8.8E-05	-4.3E-06
SPR 2040	0.003313	0.00146	0.001503	0.002326	-0.00014	-0.00037	-0.00014	-8.9E-05	-9.8E-06	-8.4E-05	-4.2E-06
SUM 2040	0.00318	0.0014	0.001437	0.002224	-0.00013	-0.00036	-0.00014	-8.6E-05	-9.4E-06	-8.1E-05	-4.1E-06
WIN 2040	0.003053	0.001342	0.001375	0.002126	-0.00013	-0.00035	-0.00013	-8.2E-05	-9.1E-06	-7.8E-05	-4E-06
SPR 2041	0.002932	0.001287	0.001315	0.002033	-0.00012	-0.00033	-0.00013	-7.9E-05	-8.7E-06	-7.5E-05	-3.9E-06
SUM 2041	0.002815	0.001235	0.001259	0.001944	-0.00012	-0.00032	-0.00012	-7.6E-05	-8.4E-06	-7.2E-05	-3.8E-06
WIN 2041	0.002703	0.001184	0.001205	0.001859	-0.00011	-0.00031	-0.00012	-7.3E-05	-8.1E-06	-6.9E-05	-3.7E-06
SPR 2042	0.002595	0.001136	0.001153	0.001779	-0.00011	-0.0003	-0.00011	-7E-05	-7.7E-06	-6.6E-05	-3.6E-06
SUM 2042	0.002492	0.00109	0.001104	0.001702	-0.00011	-0.00029	-0.00011	-6.8E-05	-7.5E-06	-6.4E-05	-3.5E-06
WIN 2042	0.002393	0.001046	0.001057	0.001629	-0.0001	-0.00028	-0.0001	-6.5E-05	-7.2E-06	-6.1E-05	-3.4E-06
SPR 2043	0.002298	0.001003	0.001012	0.001558	-0.0001	-0.00027	-1E-04	-6.3E-05	-6.9E-06	-5.9E-05	-3.3E-06
SUM 2043	0.002207	0.000963	0.00097	0.001491	-9.7E-05	-0.00026	-9.6E-05	-6.1E-05	-6.7E-06	-5.7E-05	-3.3E-06
WIN 2043	0.00212	0.000924	0.000929	0.001427	-9.4E-05	-0.00025	-9.2E-05	-5.8E-05	-6.4E-06	-5.5E-05	-3.2E-06
SPR 2044	0.002036	0.000887	0.000889	0.001366	-9.1E-05	-0.00024	-8.9E-05	-5.6E-05	-6.2E-06	-5.3E-05	-3.1E-06
SUM 2044	0.001956	0.000851	0.000852	0.001308	-8.8E-05	-0.00023	-8.6E-05	-5.4E-05	-6E-06	-5.1E-05	-3E-06
WIN 2044	0.001879	0.000817	0.000816	0.001252	-8.6E-05	-0.00022	-8.3E-05	-5.2E-05	-5.8E-06	-4.9E-05	-3E-06
SPR 2045	0.001805	0.000784	0.000782	0.001198	-8.3E-05	-0.00021	-8E-05	-5.1E-05	-5.6E-06	-4.7E-05	-2.9E-06
SUM 2045	0.001734	0.000753	0.000749	0.001147	-8.1E-05	-0.00021	-7.7E-05	-4.9E-05	-5.4E-06	-4.6E-05	-2.8E-06
WIN 2045	0.001666	0.000722	0.000718	0.001098	-7.9E-05	-0.0002	-7.5E-05	-4.7E-05	-5.2E-06	-4.4E-05	-2.8E-06
SPR 2046	0.0016	0.000694	0.000688	0.001051	-7.6E-05	-0.00019	-7.2E-05	-4.6E-05	-5E-06	-4.3E-05	-2.7E-06
SUM 2046	0.001538	0.000666	0.00066	0.001006	-7.4E-05	-0.00019	-7E-05	-4.4E-05	-4.8E-06	-4.1E-05	-2.7E-06
WIN 2046	0.001478	0.00064	0.000632	0.000964	-7.2E-05	-0.00018	-6.7E-05	-4.3E-05	-4.7E-06	-4E-05	-2.6E-06
SPR 2047	0.00142	0.000614	0.000606	0.000922	-7E-05	-0.00018	-6.5E-05	-4.1E-05	-4.5E-06	-3.9E-05	-2.5E-06
SUM 2047	0.001365	0.00059	0.000581	0.000883	-6.8E-05	-0.00017	-6.3E-05	-4E-05	-4.4E-06	-3.7E-05	-2.5E-06
WIN 2047	0.001312	0.000567	0.000557	0.000845	-6.7E-05	-0.00017	-6.1E-05	-3.9E-05	-4.2E-06	-3.6E-05	-2.4E-06
SPR 2048	0.001261	0.000544	0.000534	0.000809	-6.5E-05	-0.00016	-5.9E-05	-3.7E-05	-4.1E-06	-3.5E-05	-2.4E-06
SUM 2048	0.001212	0.000523	0.000512	0.000775	-6.3E-05	-0.00016	-5.7E-05	-3.6E-05	-4E-06	-3.4E-05	-2.3E-06
WIN 2048	0.001165	0.000502	0.000491	0.000742	-6.2E-05	-0.00015	-5.6E-05	-3.5E-05	-3.8E-06	-3.3E-05	-2.3E-06
SPR 2049	0.00112	0.000483	0.000471	0.00071	-6E-05	-0.00015	-5.4E-05	-3.4E-05	-3.7E-06	-3.2E-05	-2.2E-06
SUM 2049	0.001077	0.000464	0.000452	0.00068	-5.9E-05	-0.00014	-5.2E-05	-3.3E-05	-3.6E-06	-3.1E-05	-2.2E-06
WIN 2049	0.001036	0.000446	0.000434	0.000651	-5.7E-05	-0.00014	-5.1E-05	-3.2E-05	-3.5E-06	-3E-05	-2.2E-06
SPR 2050	0.000996	0.000428	0.000416	0.000623	-5.6E-05	-0.00013	-4.9E-05	-3.1E-05	-3.4E-06	-2.9E-05	-2.1E-06
SUM 2050	0.000958	0.000412	0.000399	0.000597	-5.4E-05	-0.00013	-4.8E-05	-3E-05	-3.3E-06	-2.8E-05	-2.1E-06
WIN 2050	0.000922	0.000396	0.000382	0.000571	-5.3E-05	-0.00013	-4.6E-05	-2.9E-05	-3.2E-06	-2.7E-05	-2E-06
SPR 2051	0.000887	0.00038	0.000367	0.000547	-5.2E-05	-0.00012	-4.5E-05	-2.8E-05	-3.1E-06	-2.6E-05	-2E-06
SUM 2051	0.000853	0.000366	0.000352	0.000523	-5.1E-05	-0.00012	-4.4E-05	-2.8E-05	-3E-06	-2.6E-05	-2E-06
WIN 2051	0.000821	0.000352	0.000337	0.000501	-5E-05	-0.00012	-4.3E-05	-2.7E-05	-2.9E-06	-2.5E-05	-1.9E-06
SPR 2052	0.00079	0.000338	0.000324	0.000479	-4.9E-05	-0.00011	-4.1E-05	-2.6E-05	-2.9E-06	-2.4E-05	-1.9E-06
SUM 2052	0.00076	0.000325	0.000311	0.000458	-4.8E-05	-0.00011	-4E-05	-2.5E-05	-2.8E-06	-2.4E-05	-1.9E-06
WIN 2052	0.000731	0.000313	0.000298	0.000439	-4.7E-05	-0.00011	-3.9E-05	-2.5E-05	-2.7E-06	-2.3E-05	-1.8E-06
SPR 2053	0.000704	0.000301	0.000286	0.00042	-4.6E-05	-0.0001	-3.8E-05	-2.4E-05	-2.6E-06	-2.2E-05	-1.8E-06
SUM 2053	0.000678	0.000289	0.000274	0.000401	-4.5E-05	-0.0001	-3.7E-05	-2.3E-05	-2.6E-06	-2.2E-05	-1.8E-06
WIN 2053	0.000653	0.000278	0.000263	0.000383	-4.4E-05	-9.9E-05	-3.6E-05	-2.3E-05	-2.5E-06	-2.1E-05	-1.7E-06
SPR 2054	0.000628	0.000268	0.000252	0.000367	-4.3E-05	-9.7E-05	-3.5E-05	-2.2E-05	-2.4E-06	-2.1E-05	-1.7E-06
SUM 2054	0.000605	0.000258	0.000242	0.000351	-4.2E-05	-9.4E-05	-3.4E-05	-2.2E-05	-2.4E-06	-2E-05	-1.7E-06
WIN 2054	0.000583	0.000248	0.000232	0.000335	-4.1E-05	-9.2E-05	-3.4E-05	-2.1E-05	-2.3E-06	-2E-05	-1.6E-06
SPR 2055	0.000562	0.000239	0.000222	0.00032	-4.1E-05	-9E-05	-3.3E-05	-2.1E-05	-2.3E-06	-1.9E-05	-1.6E-06
SUM 2055	0.000541	0.00023	0.000213	0.000306	-4E-05	-8.8E-05	-3.2E-05	-2E-05	-2.2E-06	-1.9E-05	-1.6E-06
WIN 2055	0.000521	0.000221	0.000205	0.000293	-3.9E-05	-8.6E-05	-3.1E-05	-2E-05	-2.1E-06	-1.8E-05	-1.5E-06
SPR 2056	0.000502	0.000213	0.000196	0.00028	-3.9E-05	-8.4E-05	-3E-05	-1.9E-05	-2.1E-06	-1.8E-05	-1.5E-06
SUM 2056	0.000484	0.000205	0.000188	0.000268	-3.8E-05	-8.2E-05	-3E-05	-1.9E-05	-2E-06	-1.7E-05	-1.5E-06
WIN 2056	0.000467	0.000198	0.00018	0.000255	-3.7E-05	-8E-05	-2.9E-05	-1.8E-05	-2E-06	-1.7E-05	-1.5E-06
SPR 2057	0.00045	0.00019	0.000173	0.000243	-3.7E-05	-7.8E-05	-2.8E-05	-1.8E-05	-2E-06	-1.7E-05	-1.4E-06

SUM 2057	0.000434	0.000183	0.000166	0.000232	-3.6E-05	-7.7E-05	-2.8E-05	-1.8E-05	-1.9E-06	-1.6E-05	-1.4E-06
WIN 2057	0.000418	0.000177	0.000159	0.000221	-3.5E-05	-7.5E-05	-2.7E-05	-1.7E-05	-1.9E-06	-1.6E-05	-1.4E-06
SPR 2058	0.000404	0.00017	0.000153	0.000211	-3.5E-05	-7.4E-05	-2.7E-05	-1.7E-05	-1.8E-06	-1.5E-05	-1.4E-06
SUM 2058	0.000389	0.000164	0.000146	0.000202	-3.4E-05	-7.2E-05	-2.6E-05	-1.6E-05	-1.8E-06	-1.5E-05	-1.3E-06
WIN 2058	0.000376	0.000158	0.00014	0.000192	-3.4E-05	-7.1E-05	-2.6E-05	-1.6E-05	-1.8E-06	-1.5E-05	-1.3E-06
SPR 2059	0.000362	0.000152	0.000135	0.000183	-3.3E-05	-6.9E-05	-2.5E-05	-1.6E-05	-1.7E-06	-1.5E-05	-1.3E-06
SUM 2059	0.00035	0.000147	0.000129	0.000174	-3.3E-05	-6.8E-05	-2.5E-05	-1.5E-05	-1.7E-06	-1.4E-05	-1.3E-06
WIN 2059	0.000338	0.000142	0.000124	0.000166	-3.2E-05	-6.6E-05	-2.4E-05	-1.5E-05	-1.6E-06	-1.4E-05	-1.2E-06
SPR 2060	0.000326	0.000137	0.000118	0.000157	-3.2E-05	-6.5E-05	-2.4E-05	-1.5E-05	-1.6E-06	-1.4E-05	-1.2E-06
SUM 2060	0.000315	0.000132	0.000113	0.00015	-3.1E-05	-6.4E-05	-2.3E-05	-1.5E-05	-1.6E-06	-1.3E-05	-1.2E-06
WIN 2060	0.000304	0.000127	0.000109	0.000142	-3.1E-05	-6.3E-05	-2.3E-05	-1.4E-05	-1.6E-06	-1.3E-05	-1.2E-06
SPR 2061	0.000294	0.000122	0.000104	0.000136	-3E-05	-6.2E-05	-2.2E-05	-1.4E-05	-1.5E-06	-1.3E-05	-1.2E-06
SUM 2061	0.000284	0.000118	9.97E-05	0.000129	-3E-05	-6.1E-05	-2.2E-05	-1.4E-05	-1.5E-06	-1.3E-05	-1.1E-06
WIN 2061	0.000274	0.000114	9.53E-05	0.000122	-3E-05	-6E-05	-2.1E-05	-1.3E-05	-1.5E-06	-1.2E-05	-1.1E-06
SPR 2062	0.000265	0.00011	9.13E-05	0.000116	-2.9E-05	-5.8E-05	-2.1E-05	-1.3E-05	-1.4E-06	-1.2E-05	-1.1E-06
SUM 2062	0.000256	0.000106	8.78E-05	0.000109	-2.9E-05	-5.7E-05	-2.1E-05	-1.3E-05	-1.4E-06	-1.2E-05	-1.1E-06
WIN 2062	0.000248	0.000103	8.42E-05	0.000103	-2.9E-05	-5.7E-05	-2E-05	-1.3E-05	-1.4E-06	-1.2E-05	-1.1E-06
SPR 2063	0.000239	9.9E-05	8.05E-05	9.79E-05	-2.8E-05	-5.6E-05	-2E-05	-1.3E-05	-1.4E-06	-1.2E-05	-1E-06
SUM 2063	0.000232	9.56E-05	7.71E-05	9.28E-05	-2.8E-05	-5.5E-05	-2E-05	-1.2E-05	-1.3E-06	-1.1E-05	-1E-06
WIN 2063	0.000224	9.23E-05	7.37E-05	8.8E-05	-2.7E-05	-5.4E-05	-1.9E-05	-1.2E-05	-1.3E-06	-1.1E-05	-1E-06
SPR 2064	0.000217	8.92E-05	7.04E-05	8.34E-05	-2.7E-05	-5.3E-05	-1.9E-05	-1.2E-05	-1.3E-06	-1.1E-05	-9.9E-07
SUM 2064	0.00021	8.62E-05	6.72E-05	7.85E-05	-2.7E-05	-5.2E-05	-1.9E-05	-1.2E-05	-1.3E-06	-1.1E-05	-9.7E-07
WIN 2064	0.000203	8.33E-05	6.4E-05	7.33E-05	-2.6E-05	-5.1E-05	-1.8E-05	-1.2E-05	-1.3E-06	-1.1E-05	-9.6E-07
SPR 2065	0.000197	8.05E-05	6.1E-05	6.86E-05	-2.6E-05	-5.1E-05	-1.8E-05	-1.1E-05	-1.2E-06	-1E-05	-9.4E-07
SUM 2065	0.000191	7.78E-05	5.83E-05	6.45E-05	-2.6E-05	-5E-05	-1.8E-05	-1.1E-05	-1.2E-06	-1E-05	-9.3E-07
WIN 2065	0.000185	7.53E-05	5.57E-05	6.07E-05	-2.6E-05	-4.9E-05	-1.8E-05	-1.1E-05	-1.2E-06	-1E-05	-9.1E-07
SPR 2066	0.000179	7.28E-05	5.33E-05	5.69E-05	-2.5E-05	-4.8E-05	-1.7E-05	-1.1E-05	-1.2E-06	-1E-05	-8.9E-07
SUM 2066	0.000173	7.04E-05	5.11E-05	5.35E-05	-2.5E-05	-4.8E-05	-1.7E-05	-1.1E-05	-1.2E-06	-9.8E-06	-8.8E-07
WIN 2066	0.000168	6.81E-05	4.9E-05	4.98E-05	-2.5E-05	-4.7E-05	-1.7E-05	-1.1E-05	-1.1E-06	-9.7E-06	-8.6E-07
SPR 2067	0.000163	6.59E-05	4.67E-05	4.64E-05	-2.4E-05	-4.6E-05	-1.7E-05	-1E-05	-1.1E-06	-9.6E-06	-8.5E-07
SUM 2067	0.000158	6.38E-05	4.43E-05	4.33E-05	-2.4E-05	-4.6E-05	-1.6E-05	-1E-05	-1.1E-06	-9.4E-06	-8.4E-07
WIN 2067	0.000153	6.18E-05	4.22E-05	4.03E-05	-2.4E-05	-4.5E-05	-1.6E-05	-1E-05	-1.1E-06	-9.3E-06	-8.2E-07
SPR 2068	0.000149	5.98E-05	4.03E-05	3.7E-05	-2.4E-05	-4.4E-05	-1.6E-05	-1E-05	-1.1E-06	-9.2E-06	-8.1E-07
SUM 2068	0.000144	5.78E-05	3.85E-05	3.38E-05	-2.3E-05	-4.4E-05	-1.6E-05	-9.9E-06	-1.1E-06	-9E-06	-7.9E-07
WIN 2068	0.00014	5.6E-05	3.67E-05	3.11E-05	-2.3E-05	-4.3E-05	-1.5E-05	-9.7E-06	-1.1E-06	-8.9E-06	-7.8E-07
SPR 2069	0.000136	5.43E-05	3.48E-05	2.84E-05	-2.3E-05	-4.3E-05	-1.5E-05	-9.6E-06	-1E-06	-8.8E-06	-7.7E-07
SUM 2069	0.000132	5.25E-05	3.32E-05	2.58E-05	-2.3E-05	-4.2E-05	-1.5E-05	-9.5E-06	-1E-06	-8.7E-06	-7.6E-07
WIN 2069	0.000128	5.09E-05	3.15E-05	2.31E-05	-2.2E-05	-4.2E-05	-1.5E-05	-9.3E-06	-1E-06	-8.6E-06	-7.4E-07
SPR 2070	0.000125	4.93E-05	2.98E-05	2.13E-05	-2.2E-05	-4.1E-05	-1.5E-05	-9.2E-06	-1E-06	-8.4E-06	-7.3E-07
SUM 2070	0.000121	4.78E-05	2.85E-05	1.94E-05	-2.2E-05	-4.1E-05	-1.5E-05	-9.1E-06	-9.9E-07	-8.3E-06	-7.2E-07
WIN 2070	0.000118	4.64E-05	2.71E-05	1.74E-05	-2.2E-05	-4E-05	-1.4E-05	-9E-06	-9.8E-07	-8.2E-06	-7.1E-07
SPR 2071	0.000115	4.5E-05	2.58E-05	1.52E-05	-2.1E-05	-4E-05	-1.4E-05	-8.9E-06	-9.6E-07	-8.1E-06	-7E-07
SUM 2071	0.000111	4.37E-05	2.41E-05	1.28E-05	-2.1E-05	-3.9E-05	-1.4E-05	-8.8E-06	-9.5E-07	-8E-06	-6.8E-07
WIN 2071	0.000108	4.24E-05	2.29E-05	1.07E-05	-2.1E-05	-3.9E-05	-1.4E-05	-8.7E-06	-9.4E-07	-7.9E-06	-6.7E-07
SPR 2072	0.000106	4.12E-05	2.17E-05	8.81E-06	-2.1E-05	-3.8E-05	-1.4E-05	-8.6E-06	-9.3E-07	-7.8E-06	-6.6E-07
SUM 2072	0.000103	4E-05	2.08E-05	7.16E-06	-2.1E-05	-3.8E-05	-1.3E-05	-8.5E-06	-9.2E-07	-7.7E-06	-6.5E-07
WIN 2072	0.0001	3.88E-05	1.95E-05	5.7E-06	-2E-05	-3.7E-05	-1.3E-05	-8.4E-06	-9.1E-07	-7.6E-06	-6.4E-07
SPR 2073	9.74E-05	3.77E-05	1.86E-05	3.46E-06	-2E-05	-3.7E-05	-1.3E-05	-8.3E-06	-9E-07	-7.6E-06	-6.3E-07
SUM 2073	9.49E-05	3.66E-05	1.74E-05	2.32E-06	-2E-05	-3.6E-05	-1.3E-05	-8.2E-06	-8.9E-07	-7.5E-06	-6.2E-07
WIN 2073	9.25E-05	3.56E-05	1.65E-05	1.31E-06	-2E-05	-3.6E-05	-1.3E-05	-8.1E-06	-8.8E-07	-7.4E-06	-6.1E-07
SPR 2074	9.01E-05	3.46E-05	1.55E-05	4.14E-07	-2E-05	-3.6E-05	-1.3E-05	-8E-06	-8.7E-07	-7.3E-06	-6E-07
SUM 2074	8.79E-05	3.36E-05	1.44E-05	-1.4E-06	-1.9E-05	-3.5E-05	-1.3E-05	-7.9E-06	-8.6E-07	-7.2E-06	-5.9E-07
WIN 2074	8.57E-05	3.27E-05	1.36E-05	-3.1E-06	-1.9E-05	-3.5E-05	-1.2E-05	-7.8E-06	-8.5E-07	-7.1E-06	-5.8E-07
SPR 2075	8.36E-05	3.18E-05	1.26E-05	-4.7E-06	-1.9E-05	-3.4E-05	-1.2E-05	-7.7E-06	-8.4E-07	-7.1E-06	-5.7E-07
SUM 2075	8.16E-05	3.09E-05	1.2E-05	-5.4E-06	-1.9E-05	-3.4E-05	-1.2E-05	-7.6E-06	-8.3E-07	-7E-06	-5.6E-07
WIN 2075	7.96E-05	3.01E-05	1.12E-05	-6E-06	-1.9E-05	-3.4E-05	-1.2E-05	-7.6E-06	-8.2E-07	-6.9E-06	-5.5E-07
SPR 2076	7.77E-05	2.93E-05	1.06E-05	-6.6E-06	-1.9E-05	-3.3E-05	-1.2E-05	-7.5E-06	-8.1E-07	-6.8E-06	-5.5E-07
SUM 2076	7.59E-05	2.85E-05	9.78E-06	-8.3E-06	-1.8E-05	-3.3E-05	-1.2E-05	-7.4E-06	-8E-07	-6.8E-06	-5.4E-07
WIN 2076	7.41E-05	2.78E-05	8.9E-06	-9.4E-06	-1.8E-05	-3.3E-05	-1.2E-05	-7.3E-06	-7.9E-07	-6.7E-06	-5.3E-07
SPR 2077	7.24E-05	2.7E-05	8.22E-06	-1E-05	-1.8E-05	-3.2E-05	-1.2E-05	-7.2E-06	-7.9E-07	-6.6E-06	-5.2E-07
SUM 2077	7.08E-05	2.63E-05	7.73E-06	-1.1E-05	-1.8E-05	-3.2E-05	-1.1E-05	-7.2E-06	-7.8E-07	-6.5E-06	-5.1E-07
WIN 2077	6.92E-05	2.56E-05	7.18E-06	-1.2E-05	-1.8E-05	-3.2E-05	-1.1E-05	-7.1E-06	-7.7E-07	-6.5E-06	-5E-07
SPR 2078	6.77E-05	2.5E-05	6.58E-06	-1.3E-05	-1.8E-05	-3.1E-05	-1.1E-05	-7E-06	-7.6E-07	-6.4E-06	-5E-07

SUM 2078	6.62E-05	2.44E-05	5.91E-06	-1.4E-05	-1.7E-05	-3.1E-05	-1.1E-05	-7E-06	-7.5E-07	-6.3E-06	-4.9E-07
WIN 2078	6.47E-05	2.38E-05	5.41E-06	-1.5E-05	-1.7E-05	-3.1E-05	-1.1E-05	-6.9E-06	-7.5E-07	-6.3E-06	-4.8E-07
SPR 2079	6.34E-05	2.32E-05	4.83E-06	-1.5E-05	-1.7E-05	-3E-05	-1.1E-05	-6.8E-06	-7.4E-07	-6.2E-06	-4.7E-07
SUM 2079	6.2E-05	2.27E-05	4.4E-06	-1.6E-05	-1.7E-05	-3E-05	-1.1E-05	-6.7E-06	-7.3E-07	-6.2E-06	-4.7E-07
WIN 2079	6.07E-05	2.22E-05	3.89E-06	-1.6E-05	-1.7E-05	-3E-05	-1.1E-05	-6.7E-06	-7.2E-07	-6.1E-06	-4.6E-07
SPR 2080	5.95E-05	2.16E-05	3.53E-06	-1.6E-05	-1.7E-05	-3E-05	-1.1E-05	-6.6E-06	-7.2E-07	-6E-06	-4.5E-07
SUM 2080	5.82E-05	2.11E-05	2.82E-06	-1.7E-05	-1.7E-05	-2.9E-05	-1E-05	-6.6E-06	-7.1E-07	-6E-06	-4.5E-07
WIN 2080	5.71E-05	2.06E-05	2.5E-06	-1.7E-05	-1.6E-05	-2.9E-05	-1E-05	-6.5E-06	-7E-07	-5.9E-06	-4.4E-07
SPR 2081	5.59E-05	2.01E-05	2.3E-06	-1.8E-05	-1.6E-05	-2.9E-05	-1E-05	-6.4E-06	-7E-07	-5.9E-06	-4.3E-07
SUM 2081	5.48E-05	1.97E-05	1.99E-06	-1.9E-05	-1.6E-05	-2.8E-05	-1E-05	-6.4E-06	-6.9E-07	-5.8E-06	-4.3E-07
WIN 2081	5.38E-05	1.92E-05	1.57E-06	-2E-05	-1.6E-05	-2.8E-05	-1E-05	-6.3E-06	-6.8E-07	-5.7E-06	-4.2E-07
SPR 2082	5.27E-05	1.88E-05	1.02E-06	-2.1E-05	-1.6E-05	-2.8E-05	-1E-05	-6.2E-06	-6.8E-07	-5.7E-06	-4.1E-07
SUM 2082	5.17E-05	1.84E-05	5.93E-07	-2.1E-05	-1.6E-05	-2.8E-05	-9.9E-06	-6.2E-06	-6.7E-07	-5.6E-06	-4.1E-07
WIN 2082	5.08E-05	1.8E-05	2.74E-07	-2.1E-05	-1.6E-05	-2.7E-05	-9.8E-06	-6.1E-06	-6.6E-07	-5.6E-06	-4E-07
SPR 2083	4.98E-05	1.76E-05	-1.8E-07	-2.1E-05	-1.5E-05	-2.7E-05	-9.7E-06	-6.1E-06	-6.6E-07	-5.5E-06	-3.9E-07
SUM 2083	4.89E-05	1.72E-05	-2.8E-07	-2.1E-05	-1.5E-05	-2.7E-05	-9.6E-06	-6E-06	-6.5E-07	-5.5E-06	-3.9E-07
WIN 2083	4.8E-05	1.68E-05	-5.3E-07	-2.1E-05	-1.5E-05	-2.7E-05	-9.5E-06	-6E-06	-6.5E-07	-5.4E-06	-3.8E-07
SPR 2084	4.71E-05	1.64E-05	-6.8E-07	-2.2E-05	-1.5E-05	-2.6E-05	-9.4E-06	-5.9E-06	-6.4E-07	-5.4E-06	-3.8E-07
SUM 2084	4.63E-05	1.61E-05	-9.7E-07	-2.2E-05	-1.5E-05	-2.6E-05	-9.3E-06	-5.8E-06	-6.3E-07	-5.3E-06	-3.7E-07
WIN 2084	4.55E-05	1.58E-05	-1.4E-06	-2.2E-05	-1.5E-05	-2.6E-05	-9.2E-06	-5.8E-06	-6.3E-07	-5.3E-06	-3.7E-07
SPR 2085	4.48E-05	1.55E-05	-1.8E-06	-2.2E-05	-1.5E-05	-2.6E-05	-9.2E-06	-5.7E-06	-6.2E-07	-5.2E-06	-3.6E-07
SUM 2085	4.41E-05	1.52E-05	-2E-06	-2.3E-05	-1.5E-05	-2.5E-05	-9.1E-06	-5.7E-06	-6.2E-07	-5.2E-06	-3.6E-07
WIN 2085	4.33E-05	1.48E-05	-2E-06	-2.3E-05	-1.4E-05	-2.5E-05	-9E-06	-5.6E-06	-6.1E-07	-5.1E-06	-3.5E-07
SPR 2086	4.26E-05	1.46E-05	-1.9E-06	-2.3E-05	-1.4E-05	-2.5E-05	-8.9E-06	-5.6E-06	-6.1E-07	-5.1E-06	-3.5E-07
SUM 2086	4.19E-05	1.44E-05	-2.1E-06	-2.3E-05	-1.4E-05	-2.5E-05	-8.8E-06	-5.5E-06	-6E-07	-5E-06	-3.4E-07
WIN 2086	4.12E-05	1.42E-05	-2.3E-06	-2.3E-05	-1.4E-05	-2.4E-05	-8.7E-06	-5.5E-06	-6E-07	-5E-06	-3.4E-07
SPR 2087	4.06E-05	1.39E-05	-2.9E-06	-2.4E-05	-1.4E-05	-2.4E-05	-8.7E-06	-5.4E-06	-5.9E-07	-5E-06	-3.3E-07
SUM 2087	4E-05	1.36E-05	-3E-06	-2.4E-05	-1.4E-05	-2.4E-05	-8.6E-06	-5.4E-06	-5.8E-07	-4.9E-06	-3.3E-07
WIN 2087	3.93E-05	1.33E-05	-3.2E-06	-2.4E-05	-1.4E-05	-2.4E-05	-8.5E-06	-5.3E-06	-5.8E-07	-4.9E-06	-3.2E-07
SPR 2088	3.87E-05	1.31E-05	-3.1E-06	-2.4E-05	-1.4E-05	-2.4E-05	-8.4E-06	-5.3E-06	-5.7E-07	-4.8E-06	-3.2E-07
SUM 2088	3.81E-05	1.28E-05	-3.2E-06	-2.3E-05	-1.3E-05	-2.3E-05	-8.4E-06	-5.2E-06	-5.7E-07	-4.8E-06	-3.1E-07
WIN 2088	3.76E-05	1.26E-05	-3.3E-06	-2.4E-05	-1.3E-05	-2.3E-05	-8.3E-06	-5.2E-06	-5.6E-07	-4.7E-06	-3.1E-07
SPR 2089	3.7E-05	1.23E-05	-3.5E-06	-2.4E-05	-1.3E-05	-2.3E-05	-8.2E-06	-5.2E-06	-5.6E-07	-4.7E-06	-3E-07
SUM 2089	3.65E-05	1.22E-05	-3.7E-06	-2.5E-05	-1.3E-05	-2.3E-05	-8.1E-06	-5.1E-06	-5.5E-07	-4.7E-06	-3E-07
WIN 2089	3.59E-05	1.19E-05	-3.8E-06	-2.4E-05	-1.3E-05	-2.3E-05	-8.1E-06	-5.1E-06	-5.5E-07	-4.6E-06	-3E-07
SPR 2090	3.54E-05	1.18E-05	-3.8E-06	-2.4E-05	-1.3E-05	-2.2E-05	-8E-06	-5E-06	-5.4E-07	-4.6E-06	-2.9E-07
SUM 2090	3.49E-05	1.15E-05	-4.1E-06	-2.4E-05	-1.3E-05	-2.2E-05	-7.9E-06	-5E-06	-5.4E-07	-4.5E-06	-2.9E-07
WIN 2090	3.44E-05	1.14E-05	-4.3E-06	-2.5E-05	-1.3E-05	-2.2E-05	-7.9E-06	-4.9E-06	-5.3E-07	-4.5E-06	-2.8E-07
SPR 2091	3.39E-05	1.12E-05	-4.4E-06	-2.4E-05	-1.3E-05	-2.2E-05	-7.8E-06	-4.9E-06	-5.3E-07	-4.5E-06	-2.8E-07
SUM 2091	3.35E-05	1.1E-05	-4.5E-06	-2.5E-05	-1.3E-05	-2.2E-05	-7.7E-06	-4.9E-06	-5.3E-07	-4.4E-06	-2.8E-07
WIN 2091	3.31E-05	1.09E-05	-4.5E-06	-2.4E-05	-1.2E-05	-2.1E-05	-7.7E-06	-4.8E-06	-5.2E-07	-4.4E-06	-2.7E-07
SPR 2092	3.26E-05	1.08E-05	-4.6E-06	-2.5E-05	-1.2E-05	-2.1E-05	-7.6E-06	-4.8E-06	-5.2E-07	-4.3E-06	-2.7E-07
SUM 2092	3.22E-05	1.06E-05	-4.5E-06	-2.4E-05	-1.2E-05	-2.1E-05	-7.5E-06	-4.7E-06	-5.1E-07	-4.3E-06	-2.6E-07
WIN 2092	3.18E-05	1.03E-05	-4.7E-06	-2.5E-05	-1.2E-05	-2.1E-05	-7.5E-06	-4.7E-06	-5.1E-07	-4.3E-06	-2.6E-07
SPR 2093	3.14E-05	1.01E-05	-4.8E-06	-2.4E-05	-1.2E-05	-2.1E-05	-7.4E-06	-4.6E-06	-5E-07	-4.2E-06	-2.6E-07
SUM 2093	3.09E-05	1E-05	-4.9E-06	-2.4E-05	-1.2E-05	-2.1E-05	-7.3E-06	-4.6E-06	-5E-07	-4.2E-06	-2.5E-07
WIN 2093	3.06E-05	9.9E-06	-4.9E-06	-2.4E-05	-1.2E-05	-2E-05	-7.3E-06	-4.6E-06	-5E-07	-4.2E-06	-2.5E-07
SPR 2094	3.02E-05	9.74E-06	-4.9E-06	-2.4E-05	-1.2E-05	-2E-05	-7.2E-06	-4.5E-06	-4.9E-07	-4.1E-06	-2.5E-07
SUM 2094	2.98E-05	9.59E-06	-4.9E-06	-2.4E-05	-1.2E-05	-2E-05	-7.2E-06	-4.5E-06	-4.9E-07	-4.1E-06	-2.4E-07
WIN 2094	2.94E-05	9.47E-06	-5.1E-06	-2.4E-05	-1.2E-05	-2E-05	-7.1E-06	-4.5E-06	-4.8E-07	-4.1E-06	-2.4E-07
SPR 2095	2.91E-05	9.37E-06	-5.2E-06	-2.4E-05	-1.1E-05	-2E-05	-7E-06	-4.4E-06	-4.8E-07	-4E-06	-2.4E-07
SUM 2095	2.87E-05	9.22E-06	-5.4E-06	-2.5E-05	-1.1E-05	-2E-05	-7E-06	-4.4E-06	-4.7E-07	-4E-06	-2.4E-07
WIN 2095	2.84E-05	9.09E-06	-5.2E-06	-2.5E-05	-1.1E-05	-1.9E-05	-6.9E-06	-4.3E-06	-4.7E-07	-4E-06	-2.3E-07
SPR 2096	2.8E-05	8.97E-06	-5E-06	-2.4E-05	-1.1E-05	-1.9E-05	-6.9E-06	-4.3E-06	-4.7E-07	-3.9E-06	-2.3E-07
SUM 2096	2.77E-05	8.82E-06	-5E-06	-2.4E-05	-1.1E-05	-1.9E-05	-6.8E-06	-4.3E-06	-4.6E-07	-3.9E-06	-2.3E-07
WIN 2096	2.75E-05	8.73E-06	-5.3E-06	-2.3E-05	-1.1E-05	-1.9E-05	-6.7E-06	-4.2E-06	-4.6E-07	-3.9E-06	-2.2E-07
SPR 2097	2.71E-05	8.61E-06	-5.5E-06	-2.3E-05	-1.1E-05	-1.9E-05	-6.7E-06	-4.2E-06	-4.6E-07	-3.8E-06	-2.2E-07
SUM 2097	2.68E-05	8.49E-06	-5.4E-06	-2.3E-05	-1.1E-05	-1.9E-05	-6.6E-06	-4.2E-06	-4.5E-07	-3.8E-06	-2.2E-07
WIN 2097	2.65E-05	8.39E-06	-5.1E-06	-2.3E-05	-1.1E-05	-1.8E-05	-6.6E-06	-4.1E-06	-4.5E-07	-3.8E-06	-2.1E-07
SPR 2098	2.62E-05	8.31E-06	-5.2E-06	-2.3E-05	-1.1E-05	-1.8E-05	-6.5E-06	-4.1E-06	-4.4E-07	-3.7E-06	-2.1E-07
SUM 2098	2.59E-05	8.23E-06	-5.3E-06	-2.3E-05	-1.1E-05	-1.8E-05	-6.5E-06	-4.1E-06	-4.4E-07	-3.7E-06	-2.1E-07
WIN 2098	2.56E-05	8.05E-06	-5.4E-06	-2.3E-05	-1E-05	-1.8E-05	-6.4E-06	-4E-06	-4.4E-07	-3.7E-06	-2.1E-07
SPR 2099	2.54E-05	7.94E-06	-5.5E-06	-2.3E-05	-1E-05	-1.8E-05	-6.4E-06	-4E-06	-4.3E-07	-3.6E-06	-2E-07

SUM 2099	2.51E-05	7.85E-06	-5.5E-06	-2.3E-05	-1E-05	-1.8E-05	-6.3E-06	-4E-06	-4.3E-07	-3.6E-06	-2E-07
WIN 2099	2.49E-05	7.82E-06	-5.5E-06	-2.3E-05	-1E-05	-1.8E-05	-6.3E-06	-3.9E-06	-4.3E-07	-3.6E-06	-2E-07
SPR 2100	2.46E-05	7.75E-06	-5.5E-06	-2.4E-05	-1E-05	-1.7E-05	-6.2E-06	-3.9E-06	-4.2E-07	-3.6E-06	-2E-07
SUM 2100	2.44E-05	7.68E-06	-5.5E-06	-2.4E-05	-1E-05	-1.7E-05	-6.2E-06	-3.9E-06	-4.2E-07	-3.5E-06	-1.9E-07
WIN 2100	2.41E-05	7.57E-06	-5.5E-06	-2.3E-05	-9.9E-06	-1.7E-05	-6.1E-06	-3.8E-06	-4.2E-07	-3.5E-06	-1.9E-07
SPR 2101	2.38E-05	7.47E-06	-5.4E-06	-2.3E-05	-9.8E-06	-1.7E-05	-6.1E-06	-3.8E-06	-4.1E-07	-3.5E-06	-1.9E-07
SUM 2101	2.36E-05	7.38E-06	-5.3E-06	-2.2E-05	-9.8E-06	-1.7E-05	-6E-06	-3.8E-06	-4.1E-07	-3.4E-06	-1.9E-07
WIN 2101	2.34E-05	7.29E-06	-5.4E-06	-2.2E-05	-9.7E-06	-1.7E-05	-6E-06	-3.7E-06	-4.1E-07	-3.4E-06	-1.9E-07
SPR 2102	2.31E-05	7.22E-06	-5.3E-06	-2.3E-05	-9.6E-06	-1.7E-05	-5.9E-06	-3.7E-06	-4E-07	-3.4E-06	-1.8E-07
SUM 2102	2.29E-05	7.09E-06	-5.2E-06	-2.3E-05	-9.5E-06	-1.6E-05	-5.9E-06	-3.7E-06	-4E-07	-3.4E-06	-1.8E-07
WIN 2102	2.27E-05	6.98E-06	-5.3E-06	-2.3E-05	-9.4E-06	-1.6E-05	-5.8E-06	-3.6E-06	-3.9E-07	-3.3E-06	-1.8E-07
SPR 2103	2.25E-05	6.87E-06	-5.1E-06	-2.2E-05	-9.4E-06	-1.6E-05	-5.8E-06	-3.6E-06	-3.9E-07	-3.3E-06	-1.8E-07
SUM 2103	2.22E-05	6.83E-06	-5.4E-06	-2.2E-05	-9.3E-06	-1.6E-05	-5.7E-06	-3.6E-06	-3.9E-07	-3.3E-06	-1.7E-07

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SUM 2015	1.04	1.27	1.08	0.75	0.98	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2015	1.08	1.42	1.11	0.71	0.96	1.00	1.00	1.00	1.00	1.00	99.9%
SPR 2016	1.11	1.42	1.07	0.85	0.95	1.00	1.00	1.00	1.00	1.00	99.7%
SUM 2016	1.12	1.36	1.06	0.93	0.95	0.99	0.99	0.99	0.99	0.99	99.5%
WIN 2016	1.12	1.28	1.05	0.98	0.95	0.99	0.99	0.99	0.99	0.99	99.2%
SPR 2017	1.11	1.21	1.04	1.00	0.96	0.99	0.99	0.99	0.99	0.99	98.9%
SUM 2017	1.09	1.16	1.03	1.01	0.96	0.98	0.98	0.98	0.99	0.99	98.7%
WIN 2017	1.08	1.12	1.03	1.01	0.97	0.98	0.98	0.98	0.98	0.98	98.4%
SPR 2018	1.08	1.09	1.02	1.01	0.97	0.98	0.98	0.98	0.98	0.98	98.2%
SUM 2018	1.07	1.07	1.02	1.01	0.97	0.98	0.98	0.98	0.98	0.98	98.1%
WIN 2018	1.06	1.06	1.02	1.01	0.97	0.98	0.98	0.98	0.98	0.98	98.0%
SPR 2019	1.06	1.05	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.0%
SUM 2019	1.05	1.04	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.0%
WIN 2019	1.05	1.04	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.0%
SPR 2020	1.05	1.03	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.0%
SUM 2020	1.04	1.03	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.1%
WIN 2020	1.04	1.02	1.01	1.01	0.99	0.98	0.98	0.98	0.98	0.98	98.1%
SPR 2021	1.04	1.02	1.01	1.01	0.99	0.98	0.98	0.98	0.98	0.98	98.2%
SUM 2021	1.04	1.02	1.01	1.01	0.99	0.98	0.98	0.98	0.98	0.98	98.3%
WIN 2021	1.03	1.02	1.01	1.00	0.99	0.98	0.98	0.98	0.98	0.98	98.4%
SPR 2022	1.03	1.02	1.00	1.00	0.99	0.98	0.98	0.98	0.98	0.98	98.4%
SUM 2022	1.03	1.02	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.98	98.5%
WIN 2022	1.03	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.6%
SPR 2023	1.03	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.7%
SUM 2023	1.03	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.7%
WIN 2023	1.03	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.8%
SPR 2024	1.03	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.9%
SUM 2024	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	98.9%
WIN 2024	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.0%
SPR 2025	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.0%
SUM 2025	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.1%
WIN 2025	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.1%
SPR 2026	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.2%
SUM 2026	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.2%
WIN 2026	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.3%
SPR 2027	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.3%
SUM 2027	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.3%
WIN 2027	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.4%
SPR 2028	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.4%
SUM 2028	1.01	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.4%
WIN 2028	1.01	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.5%
SPR 2029	1.01	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.5%
SUM 2029	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	99.5%
WIN 2029	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.5%
SPR 2030	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.5%
SUM 2030	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
WIN 2030	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
SPR 2031	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
SUM 2031	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
WIN 2031	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
SPR 2032	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SUM 2032	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
WIN 2032	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SPR 2033	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SUM 2033	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
WIN 2033	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SPR 2034	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SUM 2034	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
WIN 2034	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SPR 2035	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.8%
SUM 2035	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.8%
WIN 2035	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.8%
SPR 2036	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.8%

[illegible]

[illegible]

[illegible]

[illegible]

STATE OF IDAHO
WATER RESOURCE BOARDAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKRECEIVED
APR 10 2015
DEPARTMENT OF
WATER RESOURCESApplicant Name: South Interchange Properties, LLCIs this application being submitted with a lease application as a lease/rental package? Yes ☒ No ☐

An *Application to Rent Water from the Board's Water Supply Bank* must be completed in accordance with the minimum requirement checklist below to be acceptable for processing by the Idaho Department of Water Resources (IDWR). This checklist is part of the rental application and must be included with the rental application. **Applications that do not meet the minimum requirements will not be placed in the processing queue and may be returned until all minimum requirements have been met.**

Applications to rent water should be submitted well in advance of the desired start date for the use of water. Rental applications may be submitted as early as November 1 of the year prior to the intended use of rental water. Rental applications submitted more than one year in advance of the proposed start date for water use will not be accepted and will be returned to applicants. Rental applications will not be processed if they are received after the end of the rental season of use.

One rental application per beneficial use of water. One rental application can be submitted if you propose to rent water from multiple sources. For multiple beneficial uses of water, individual rental requests should be submitted for each unique beneficial use of water.

For additional instructions on completing a rental application, visit the Department's website at www.idwr.idaho.gov.

Checked All Items as Either Attached (Yes) or Not Applicable (N/A)

YES

☒ Completed *Application to Rent Water from the Board's Water Supply Bank*

Attachment N/A YES

- | | | | |
|----|-------------------------------------|-------------------------------------|--|
| 2 | ☒ | ☒ | A map showing the proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used with your rental request |
| 3A | ☐ | ☒ | Detailed information on a proposed use of rental water |
| 3E | ☒ | ☐ | Authorization from the owner/operator of the rental point(s) of diversion |
| 3G | ☐ | ☒ | Water modeling to account for the impacts of the rental request |
| 3J | ☒ | ☐ | Documents justifying a need to rent water for irrigation at a rate of flow greater than 0.02 cfs/acre |
| 3K | ☒ | ☐ | Authorization from the owner/operator of the property at the proposed rental place(s) of use |
| 4B | ☒ | ☐ | Explanation of how the rental water will sufficiently accomplish your rental purposes |
| 4C | ☒ | ☐ | Explanation of consumptive use amounts for water rights experiencing a change in nature of use |

Department Use Only – Proposed Water Right(s)

35-13946

35-13948

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant South Interchange Properties, LLC

Mailing Address c/o Luke Marchant, Holden, Kidwell, Hahn & Crapo, P.L.L.C., PO Box 50130, Idaho Falls, ID 83405

Email Address lmarchant@holdenlegal.com Phone Number (208) 523-0620

B. Is this application being completed by an authorized representative on behalf of the applicant? Yes ☒ No ☐

If yes, representatives (includes company employees if the applicant is a corporation, as well as legal counsel or consultants) should provide their information below if they desire to be included on correspondence with the rental applicant.

Representative Luke H. Marchant

Professional Title Attorney

Organization Holden, Kidwell, Hahn & Crapo, P.L.L.C.

Relationship to Applicant Attorney

Mailing Address PO Box 50130

Email Address lmarchant@holdenlegal.com

Phone Number (208) 523-0620

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use, and water diversion, delivery and distribution systems. Make sure the place of use is outlined with an obvious, bolded line. For irrigation purposes, note that the place of use outlined on your map cannot exceed the number of acres you are proposing to rent. Attach the map to this application and label it Attachment 2.

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

A. Describe the purpose of your rental request. Include any anticipated rates of water application, water use practices or number of stock (if any). If the proposed use is not for irrigation, please provide a detailed description of the proposed use and how you determined the amount of rental water required. Attach additional sheets if required and label it Attachment 3A:

This rental is for 18.5 acres of irrigation. The application proposes to rent 0.34 cfs and 74 acre-feet of water. Water will be diverted from an existing well located on the property.

B. Enter the desired and/or minimum necessary rates of flow, volume, or irrigable acres requested for your rental purposes:

Desired Rate (Cubic Feet/Second)	Desired Volume (Acre-Foot)	Minimum Rate* (Cubic Feet/Second)	Minimum Volume* (Acre-Foot)	Acres (if applicable) (Acre)
0.34 CFS	74 AF	0.34 CFS	74 AF	18.5 AC

Sometimes water rights available for rent provide an exceptionally low rate per acre and/or low volume per acre. This section is meant to establish an acceptable range of water sufficient for your proposed water use. Please see question 4B and complete if necessary.

C. Enter the proposed start date and latest possible start date for using rental water. Also provide the number of years you would like to rent water:

Proposed Start Date (month/day/year)	Latest Possible Start (month/day/year)	* Proposed Rental Duration (Max 5 Years)	** For multi-year rentals, indicate whether you desire to rent water for remaining years if a rental request cannot be approved for the first year?	
04/01	10/31	1	☐ Yes, approve rental for all remaining future years.	☐ No, return rental request if first year is unapprovable.

* The number of years permissible for a rental is subject to the lease contract duration for the water right(s) being rented.

** Subject to the availability of rentable water. A multi-year rental that cannot begin during the first year requested may be approved for some or all remaining years, depending on availability. Rental requests will be returned if no water is available to rent in the first and/or subsequent years of the rental request.

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

- D. Refer to the map you created in item 2 and specify the location of the point(s) of diversion (POD) from which rental water is proposed to be diverted:

Water Source	TWP	RGE	SEC	¼	¼	¼	County	Other water rights for the same purpose diverted from this POD
Ground water	01N	37E	8		NW	NE	Bonneville	

The entry in this grid must match the map from item 2 on the application.

- E. Do you own and/or possess the authority to divert water from the above POD(s)? Yes ☒ No ☐
If no, provide documentation from the owner/operator confirming your authorization to use the POD(s) and label it **Attachment 3E**.
- F. Do any POD(s) identified in Question 3D divert from a water source that may require water modeling? Yes ☒ No ☐
Refer to the *Water Modeling Requirements Information Sheet* to determine if a rental POD may require water modeling.
- G. Has water modeling been provided with your rental request? Yes ☒ No ☐
If yes, include as **Attachment 3G**. Otherwise please explain why modeling was not provided:

Rental applications that require modeling will be returned if modeling is not provided.

- H. Specify the proposed beneficial use: ☒ Irrigation ☐ Commercial ☐ Industrial ☐ Municipal
☐ Groundwater Recharge ☐ Mining ☐ Stockwater ☐ Other: _____
- I. Refer to the map you created in item 2 and specify below the places you propose to use water. If for irrigation, specify the number of acres to be irrigated per ¼ ¼ tract. Otherwise indicate usage by marking the ¼ ¼ tracts with the first letter of your proposed use identified above:

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	37E	8	2	0.2	13.3	3													18.5
The entry in this grid must match the map from item 2 on the application.																			Total Acres (for irrigation)
																			18.5

- J. For irrigation uses, do you propose a water diversion rate greater than 0.02 cfs/acre? N/A ☐ Yes ☐ No ☒
If yes, explain the justification for this rate of flow and attach any supporting documents as **Attachment 3J**:
- K. Do you own the land at the proposed rental place of use (POU)? Yes ☒ No ☐
If no, attach documentation from the POU owner/operator confirming your authorization to use the POU and label it **Attachment 3K**.
- L. Describe your water distribution system and how water will be delivered from the POD(s) to the proposed POU(s):
Water will be diverted from an existing well located on the property into a piped, pressurized system.

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

M. List all other water rights and sources of water at the rental place of use for the same purpose and explain why additional water is required. Include privately owned water rights and water received from a municipal supplier, an irrigation district, a canal company, or any other water deliver entity:

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights?

Yes ☒ No ☐

If yes, specify below the water rights you are requesting to rent. Otherwise continue to Section 5 of this application form.

Please note: Diversion rates and volumes to be rented from a leased water right must be proportionate to the per acre diversion rates and per acre volume limits of the water right leased to the Bank. Applicants should query a water right's rental availability by reviewing active lease and rental documents, searchable via [IDWR's website](#), to ensure all elements of a water right remain available in sufficient quantity to satisfy a rental request.

Water rights identified below must either already be leased to the Bank or a lease proposal should accompany the rental request. Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request.

For leased rights with combined limits, applicants should request to rent against the combined limit diversion rate, volume or acre limits.

Elements of Water Rights Leased to the Bank (Contract Details)								Leased totals minus water actively engaged in rental agreement equals rental availability	Rental Request		
Water Right Number	Nature of Use	Water Source	Rate (CFS)	Volume (AF)	Acres (AC)	Start (year)	End (year)		Rate (CFS)	Vol. (AF)	Acres (AC)
35-13946	Irrigation	Ground water	0.27	51.1	12.8	2015	2015		0.23	51.1	12.8
35-13948	Irrigation	Ground water	0.11	22.9	5.7	2015	2015		0.11	22.9	5.7
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre that have been leased to the Water Supply Bank								TOTAL	0.34 CFS	74 AF	18.5 AC

Attach multiple copies of this page if space above is insufficient to list all water rights requested to be rented on this application.

B. If water right conditions, combined limits, or the sum of all water right elements being requested provide an unconventional duty of water (e.g., an unusually low rate per acre or volume per acre for irrigation use), explain how your proposed rental will sufficiently accomplish your intended purposes. Attach a separate page if space is insufficient and label it **Attachment 4B**:

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

- C. Does your rental request propose to change the nature of use for any water right(s) being requested? Yes ☐ No ☒
If yes, explain how the water right(s) will be converted to new uses. Include the historic, consumptive use amounts for the water right being rented, as well as the new consumptive use amount for your proposed beneficial use. Attach a separate page if space is insufficient and label it Attachment 4C:
- _____
- _____
- _____

5. ADDITIONAL INFORMATION

- A. Is this the first time that rental water is being requested for this purpose at the rental place of use? Yes ☐ No ☒
If no, list previous rental requests/agreements and explain why you have not secured a permanent water right for your needs:
The Applicant rented water for the same purposes in 2014. The water is used for irrigation of landscaping at a new office building. The Applicant has been looking for water to purchase for over a year and half now since it began construction of the building, but has been unsuccessful.
- B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental? Yes ☒ No ☐
If yes, describe: If the Applicant is able to find available water to purchase, it will be necessary to submit an application for transfer to move the water to the Applicant's place of use.
- C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☒
If yes, describe the date and location of the NOV.
- _____
- _____
- _____

DECLARATION

I hereby assert that the information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval. I understand that if this rental application is approved, it will be subject to the provisions of Section 42-1766, Idaho Code and all applicable state and federal laws.

Signature of Applicant



Signature of Representative

Printed Name of Applicant

Luke H. Marchant, Attorney
Printed Name of Representative

Date

04/01/2015
Date

Mail to:

Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

ATTACHMENT 2

GIS Map

ATTACHMENT 3G.1
Water Modeling – Data Entry

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are
set up for user entries

ENTER STARTING DATE FOR
SIMULATION. THEN PUSH
"UPDATE DATES" BUTTON

YEAR

1953

TRANSFER NO:

SEASON

WINTER

TRANSFER NAME:
South Int.

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	74	73	74	
COLUMN	154	138	137	

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Protected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
WIN 1953	0	9	9	9	9	0	0
SPR 1954	0	9	9	9	9	0	0
SUM 1954	0	9	9	9	9	0	0
WIN 1954	0	9	9	9	9	0	0
SPR 1955	0	9	9	9	9	0	0
SUM 1955	0	9	9	9	9	0	0
WIN 1955	0	9	9	9	9	0	0
SPR 1956	0	9	9	9	9	0	0
SUM 1956	0	9	9	9	9	0	0
WIN 1956	0	9	9	9	9	0	0
SPR 1957	0	12	12	12	12	0	0
SUM 1957	0	12	12	12	12	0	0
WIN 1957	0	12	12	12	12	0	0
SPR 1958	0	12	12	12	12	0	0
SUM 1958	0	12	12	12	12	0	0
WIN 1958	0	12	12	12	12	0	0
SPR 1959	0	12	12	12	12	0	0
SUM 1959	0	12	12	12	12	0	0
WIN 1959	0	12	12	12	12	0	0
SPR 1960	0	12	12	12	12	0	0
SUM 1960	0	12	12	12	12	0	0
WIN 1960	0	12	12	12	12	0	0
SPR 1961	0	12	12	12	12	0	0
SUM 1961	0	12	12	12	12	0	0
WIN 1961	0	12	12	12	12	0	0
SPR 1962	0	12	12	12	12	0	0
SUM 1962	0	12	12	12	12	0	0
WIN 1962	0	12	12	12	12	0	0
SPR 1963	0	12	12	12	12	0	0
SUM 1963	0	12	12	12	12	0	0
WIN 1963	0	12	12	12	12	0	0
SPR 1964	0	12	12	12	12	0	0
SUM 1964	0	12	12	12	12	0	0
WIN 1964	0	12	12	12	12	0	0
SPR 1965	0	12	12	12	12	0	0
SUM 1965	0	12	12	12	12	0	0
WIN 1965	0	12	12	12	12	0	0
SPR 1966	0	12	12	12	12	0	0
SUM 1966	0	12	12	12	12	0	0
WIN 1966	0	12	12	12	12	0	0
SPR 1967	0	12	12	12	12	0	0

SUM 1967	0	12	12	12	12	0	0
WIN 1967	0	12	12	12	12	0	0
SPR 1968	0	12	12	12	12	0	0
SUM 1968	0	12	12	12	12	0	0
WIN 1968	0	12	12	12	12	0	0
SPR 1969	0	12	12	12	12	0	0
SUM 1969	0	12	12	12	12	0	0
WIN 1969	0	12	12	12	12	0	0
SPR 1970	0	12	12	12	12	0	0
SUM 1970	0	12	12	12	12	0	0
WIN 1970	0	12	12	12	12	0	0
SPR 1971	0	12	12	12	12	0	0
SUM 1971	0	12	12	12	12	0	0
WIN 1971	0	12	12	12	12	0	0
SPR 1972	0	12	12	12	12	0	0
SUM 1972	0	12	12	12	12	0	0
WIN 1972	0	12	12	12	12	0	0
SPR 1973	0	12	12	12	12	0	0
SUM 1973	0	12	12	12	12	0	0
WIN 1973	0	12	12	12	12	0	0
SPR 1974	0	12	12	12	12	0	0
SUM 1974	0	12	12	12	12	0	0
WIN 1974	0	12	12	12	12	0	0
SPR 1975	0	12	12	12	12	0	0
SUM 1975	0	12	12	12	12	0	0
WIN 1975	0	12	12	12	12	0	0
SPR 1976	0	12	12	12	12	0	0
SUM 1976	0	12	12	12	12	0	0
WIN 1976	0	12	12	12	12	0	0
SPR 1977	0	12	12	12	12	0	0
SUM 1977	0	12	12	12	12	0	0
WIN 1977	0	12	12	12	12	0	0
SPR 1978	0	12	12	12	12	0	0
SUM 1978	0	12	12	12	12	0	0
WIN 1978	0	12	12	12	12	0	0
SPR 1979	0	12	12	12	12	0	0
SUM 1979	0	12	12	12	12	0	0
WIN 1979	0	12	12	12	12	0	0
SPR 1980	0	12	12	12	12	0	0
SUM 1980	0	12	12	12	12	0	0
WIN 1980	0	12	12	12	12	0	0
SPR 1981	0	12	12	12	12	0	0
SUM 1981	0	12	12	12	12	0	0
WIN 1981	0	12	12	12	12	0	0
SPR 1982	0	12	12	12	12	0	0
SUM 1982	0	12	12	12	12	0	0
WIN 1982	0	12	12	12	12	0	0
SPR 1983	0	12	12	12	12	0	0
SUM 1983	0	12	12	12	12	0	0
WIN 1983	0	12	12	12	12	0	0
SPR 1984	0	12	12	12	12	0	0
SUM 1984	0	12	12	12	12	0	0
WIN 1984	0	12	12	12	12	0	0
SPR 1985	0	12	12	12	12	0	0
SUM 1985	0	12	12	12	12	0	0
WIN 1985	0	12	12	12	12	0	0
SPR 1986	0	12	12	12	12	0	0
SUM 1986	0	12	12	12	12	0	0
WIN 1986	0	12	12	12	12	0	0
SPR 1987	0	12	12	12	12	0	0
SUM 1987	0	12	12	12	12	0	0
WIN 1987	0	12	12	12	12	0	0
SPR 1988	0	12	12	12	12	0	0
SUM 1988	0	12	12	12	12	0	0
WIN 1988	0	12	12	12	12	0	0
SPR 1989	0	12	12	12	12	0	0
SUM 1989	0	12	12	12	12	0	0
WIN 1989	0	12	12	12	12	0	0
SPR 1990	0	12	12	12	12	0	0
SUM 1990	0	12	12	12	12	0	0
WIN 1990	0	12	12	12	12	0	0
SPR 1991	0	12	12	12	12	0	0
SUM 1991	0	12	12	12	12	0	0
WIN 1991	0	12	12	12	12	0	0

SPR 1992	0	12	12	12	12	0	0
SUM 1992	0	12	12	12	12	0	0
WIN 1992	0	12	12	12	12	0	0
SPR 1993	0	12	12	12	12	0	0
SUM 1993	0	12	12	12	12	0	0
WIN 1993	0	12	12	12	12	0	0
SPR 1994	0	12	12	12	12	0	0
SUM 1994	0	12	12	12	12	0	0
WIN 1994	0	12	12	12	12	0	0
SPR 1995	0	12	12	12	12	0	0
SUM 1995	0	12	12	12	12	0	0
WIN 1995	0	12	12	12	12	0	0
SPR 1996	0	12	12	12	12	0	0
SUM 1996	0	12	12	12	12	0	0
WIN 1996	0	12	12	12	12	0	0
SPR 1997	0	12	12	12	12	0	0
SUM 1997	0	12	12	12	12	0	0
WIN 1997	0	12	12	12	12	0	0
SPR 1998	0	12	12	12	12	0	0
SUM 1998	0	12	12	12	12	0	0
WIN 1998	0	12	12	12	12	0	0
SPR 1999	0	12	12	12	12	0	0
SUM 1999	0	12	12	12	12	0	0
WIN 1999	0	12	12	12	12	0	0
SPR 2000	0	12	12	12	12	0	0
SUM 2000	0	12	12	12	12	0	0
WIN 2000	0	12	12	12	12	0	0
SPR 2001	0	12	12	12	12	0	0
SUM 2001	0	12	12	12	12	0	0
WIN 2001	0	12	12	12	12	0	0
SPR 2002	0	12	12	12	12	0	0
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WIN 2002	0	12	12	12	12	0	0
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WIN 2003	0	12	12	12	12	0	0
SPR 2004	0	12	12	12	12	0	0
SUM 2004	0	12	12	12	12	0	0
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SPR 2005	0	12	12	12	12	0	0
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SPR 2006	0	12	12	12	12	0	0
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SPR 2014	0	12	12	12	12	0	0
SUM 2014	0	12	12	12	12	0	0
WIN 2014	0	12	12	12	12	0	0
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WIN 2015	25	0	12	0	12	0	0
SPR 2016	0	12	12	12	12	0	0
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WIN 2016	0	12	12	12	12	0	0
SPR 2017	0	12	12	12	12	0	0
SUM 2017	0	12	12	12	12	0	0
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SPR 2018	0	12	12	12	12	0	0
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WIN 2018	0	12	12	12	12	0	0
SPR 2019	0	12	12	12	12	0	0
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SPR 2020	0	12	12	12	12	0	0
SUM 2020	0	12	12	12	12	0	0
WIN 2020	0	12	12	12	12	0	0
SPR 2021	0	12	12	12	12	0	0
SUM 2021	0	12	12	12	12	0	0
WIN 2021	0	12	12	12	12	0	0
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SUM 2022	0	12	12	12	12	0	0
WIN 2022	0	12	12	12	12	0	0
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SUM 2023	0	12	12	12	12	0	0
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SPR 2024	0	12	12	12	12	0	0
SUM 2024	0	12	12	12	12	0	0
WIN 2024	0	12	12	12	12	0	0
SPR 2025	0	12	12	12	12	0	0
SUM 2025	0	12	12	12	12	0	0
WIN 2025	0	12	12	12	12	0	0
SPR 2026	0	12	12	12	12	0	0
SUM 2026	0	12	12	12	12	0	0
WIN 2026	0	12	12	12	12	0	0
SPR 2027	0	12	12	12	12	0	0
SUM 2027	0	12	12	12	12	0	0
WIN 2027	0	12	12	12	12	0	0
SPR 2028	0	12	12	12	12	0	0
SUM 2028	0	12	12	12	12	0	0
WIN 2028	0	12	12	12	12	0	0
SPR 2029	0	12	12	12	12	0	0
SUM 2029	0	12	12	12	12	0	0
WIN 2029	0	12	12	12	12	0	0
SPR 2030	0	12	12	12	12	0	0
SUM 2030	0	12	12	12	12	0	0
WIN 2030	0	12	12	12	12	0	0
SPR 2031	0	12	12	12	12	0	0
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WIN 2031	0	12	12	12	12	0	0
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SPR 2034	0	12	12	12	12	0	0
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SPR 2036	0	12	12	12	12	0	0
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WIN 2036	0	12	12	12	12	0	0
SPR 2037	0	12	12	12	12	0	0
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SPR 2038	0	12	12	12	12	0	0
SUM 2038	0	12	12	12	12	0	0
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SPR 2039	0	12	12	12	12	0	0
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WIN 2039	0	12	12	12	12	0	0
SPR 2040	0	12	12	12	12	0	0
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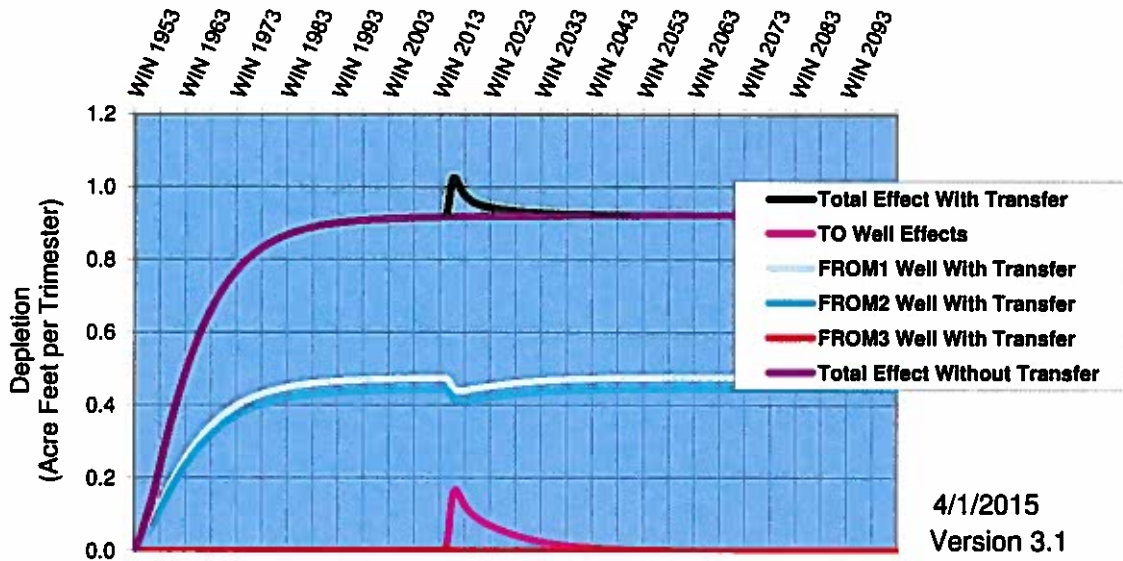
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SPR 2043	0	12	12	12	12	0	0
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WIN 2045	0	12	12	12	12	0	0
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SPR 2048	0	12	12	12	12	0	0
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SPR 2050	0	12	12	12	12	0	0
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SPR 2051	0	12	12	12	12	0	0
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WIN 2060	0	12	12	12	12	0	0
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SUM 2061	0	12	12	12	12	0	0
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SPR 2062	0	12	12	12	12	0	0
SUM 2062	0	12	12	12	12	0	0
WIN 2062	0	12	12	12	12	0	0
SPR 2063	0	12	12	12	12	0	0
SUM 2063	0	12	12	12	12	0	0
WIN 2063	0	12	12	12	12	0	0
SPR 2064	0	12	12	12	12	0	0
SUM 2064	0	12	12	12	12	0	0
WIN 2064	0	12	12	12	12	0	0
SPR 2065	0	12	12	12	12	0	0
SUM 2065	0	12	12	12	12	0	0
WIN 2065	0	12	12	12	12	0	0

SPR 2066	0	12	12	12	12	0	0
SUM 2066	0	12	12	12	12	0	0
WIN 2066	0	12	12	12	12	0	0
SPR 2067	0	12	12	12	12	0	0
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SPR 2068	0	12	12	12	12	0	0
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SUM 2069	0	12	12	12	12	0	0
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SPR 2070	0	12	12	12	12	0	0
SUM 2070	0	12	12	12	12	0	0
WIN 2070	0	12	12	12	12	0	0
SPR 2071	0	12	12	12	12	0	0
SUM 2071	0	12	12	12	12	0	0
WIN 2071	0	12	12	12	12	0	0
SPR 2072	0	12	12	12	12	0	0
SUM 2072	0	12	12	12	12	0	0
WIN 2072	0	12	12	12	12	0	0
SPR 2073	0	12	12	12	12	0	0
SUM 2073	0	12	12	12	12	0	0
WIN 2073	0	12	12	12	12	0	0
SPR 2074	0	12	12	12	12	0	0
SUM 2074	0	12	12	12	12	0	0
WIN 2074	0	12	12	12	12	0	0
SPR 2075	0	12	12	12	12	0	0
SUM 2075	0	12	12	12	12	0	0
WIN 2075	0	12	12	12	12	0	0
SPR 2076	0	12	12	12	12	0	0
SUM 2076	0	12	12	12	12	0	0
WIN 2076	0	12	12	12	12	0	0
SPR 2077	0	12	12	12	12	0	0
SUM 2077	0	12	12	12	12	0	0
WIN 2077	0	12	12	12	12	0	0
SPR 2078	0	12	12	12	12	0	0
SUM 2078	0	12	12	12	12	0	0
WIN 2078	0	12	12	12	12	0	0
SPR 2079	0	12	12	12	12	0	0
SUM 2079	0	12	12	12	12	0	0
WIN 2079	0	12	12	12	12	0	0
SPR 2080	0	12	12	12	12	0	0
SUM 2080	0	12	12	12	12	0	0
WIN 2080	0	12	12	12	12	0	0
SPR 2081	0	12	12	12	12	0	0
SUM 2081	0	12	12	12	12	0	0
WIN 2081	0	12	12	12	12	0	0
SPR 2082	0	12	12	12	12	0	0
SUM 2082	0	12	12	12	12	0	0
WIN 2082	0	12	12	12	12	0	0
SPR 2083	0	12	12	12	12	0	0
SUM 2083	0	12	12	12	12	0	0
WIN 2083	0	12	12	12	12	0	0
SPR 2084	0	12	12	12	12	0	0
SUM 2084	0	12	12	12	12	0	0
WIN 2084	0	12	12	12	12	0	0
SPR 2085	0	12	12	12	12	0	0
SUM 2085	0	12	12	12	12	0	0
WIN 2085	0	12	12	12	12	0	0
SPR 2086	0	12	12	12	12	0	0
SUM 2086	0	12	12	12	12	0	0
WIN 2086	0	12	12	12	12	0	0
SPR 2087	0	12	12	12	12	0	0
SUM 2087	0	12	12	12	12	0	0
WIN 2087	0	12	12	12	12	0	0
SPR 2088	0	12	12	12	12	0	0
SUM 2088	0	12	12	12	12	0	0
WIN 2088	0	12	12	12	12	0	0
SPR 2089	0	12	12	12	12	0	0
SUM 2089	0	12	12	12	12	0	0
WIN 2089	0	12	12	12	12	0	0
SPR 2090	0	12	12	12	12	0	0
SUM 2090	0	12	12	12	12	0	0

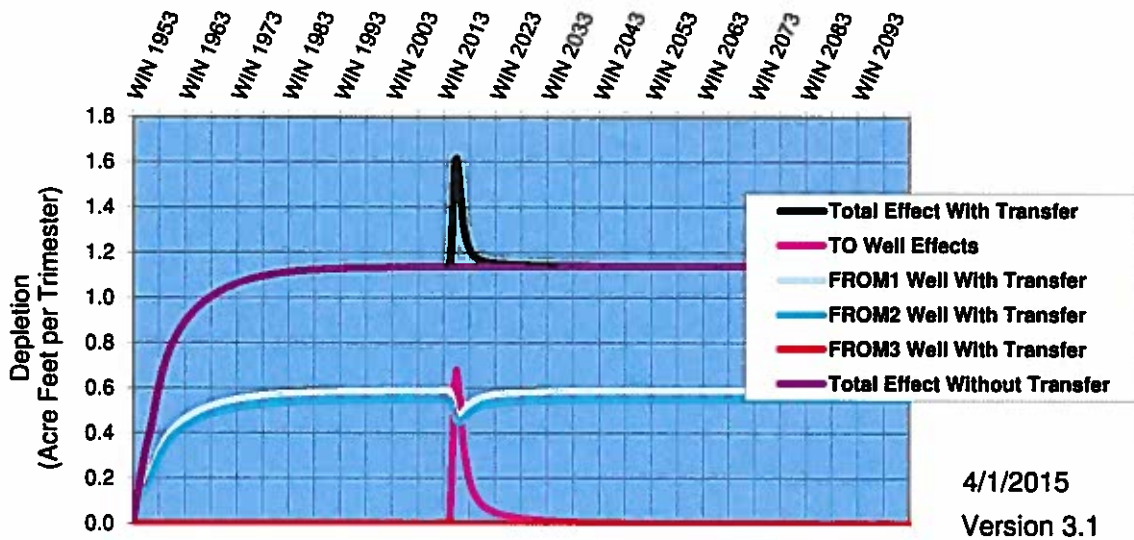
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SPR 2092	0	12	12	12	12	0	0
SUM 2092	0	12	12	12	12	0	0
WIN 2092	0	12	12	12	12	0	0
SPR 2093	0	12	12	12	12	0	0
SUM 2093	0	12	12	12	12	0	0
WIN 2093	0	12	12	12	12	0	0
SPR 2094	0	12	12	12	12	0	0
SUM 2094	0	12	12	12	12	0	0
WIN 2094	0	12	12	12	12	0	0
SPR 2095	0	12	12	12	12	0	0
SUM 2095	0	12	12	12	12	0	0
WIN 2095	0	12	12	12	12	0	0
SPR 2096	0	12	12	12	12	0	0
SUM 2096	0	12	12	12	12	0	0
WIN 2096	0	12	12	12	12	0	0
SPR 2097	0	12	12	12	12	0	0
SUM 2097	0	12	12	12	12	0	0
WIN 2097	0	12	12	12	12	0	0
SPR 2098	0	12	12	12	12	0	0
SUM 2098	0	12	12	12	12	0	0
WIN 2098	0	12	12	12	12	0	0
SPR 2099	0	12	12	12	12	0	0
SUM 2099	0	12	12	12	12	0	0
WIN 2099	0	12	12	12	12	0	0
SPR 2100	0	12	12	12	12	0	0
SUM 2100	0	12	12	12	12	0	0
WIN 2100	0	12	12	12	12	0	0
SPR 2101	0	12	12	12	12	0	0
SUM 2101	0	12	12	12	12	0	0
WIN 2101	0	12	12	12	12	0	0
SPR 2102	0	12	12	12	12	0	0
SUM 2102	0	12	12	12	12	0	0
WIN 2102	0	12	12	12	12	0	0
SPR 2103	0	12	12	12	12	0	0
SUM 2103	0	12	12	12	12	0	0

ATTACHMENT 3G.2
Water Modeling – Graphs
above Milner

Hydrologic Response--Ashton to Rexburg
Customer Name: South Int. Transfer No:

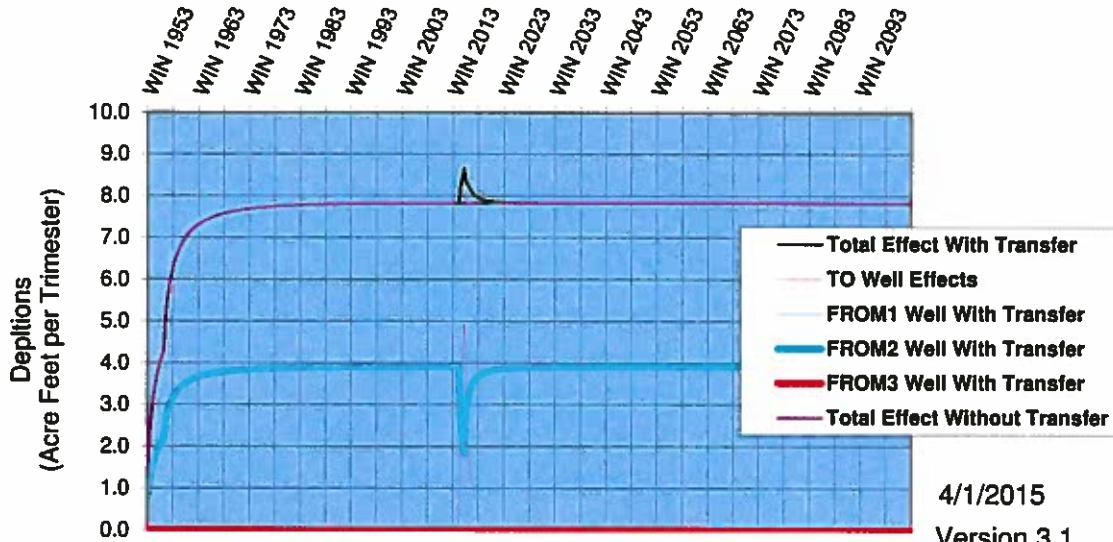


Hydrologic Response--Heise to Shelley
Customer Name: South Int. Transfer No:



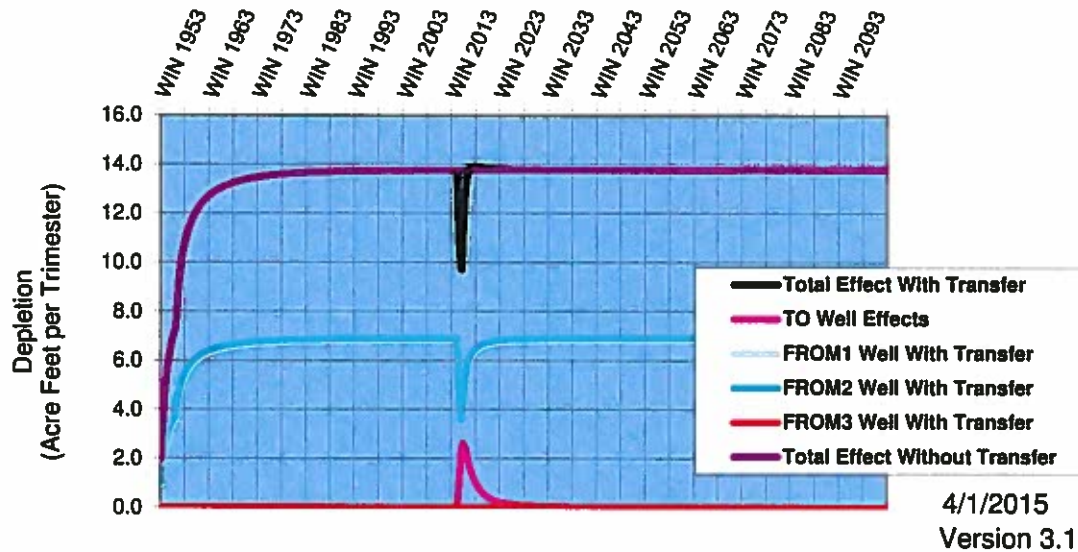
Hydrologic Response--Shelley to Near Blackfoot

Customer Name: South Int. Transfer No:



Hydrologic Response-- Near Blackfoot to Neeley

Customer Name: South Int. Transfer No:

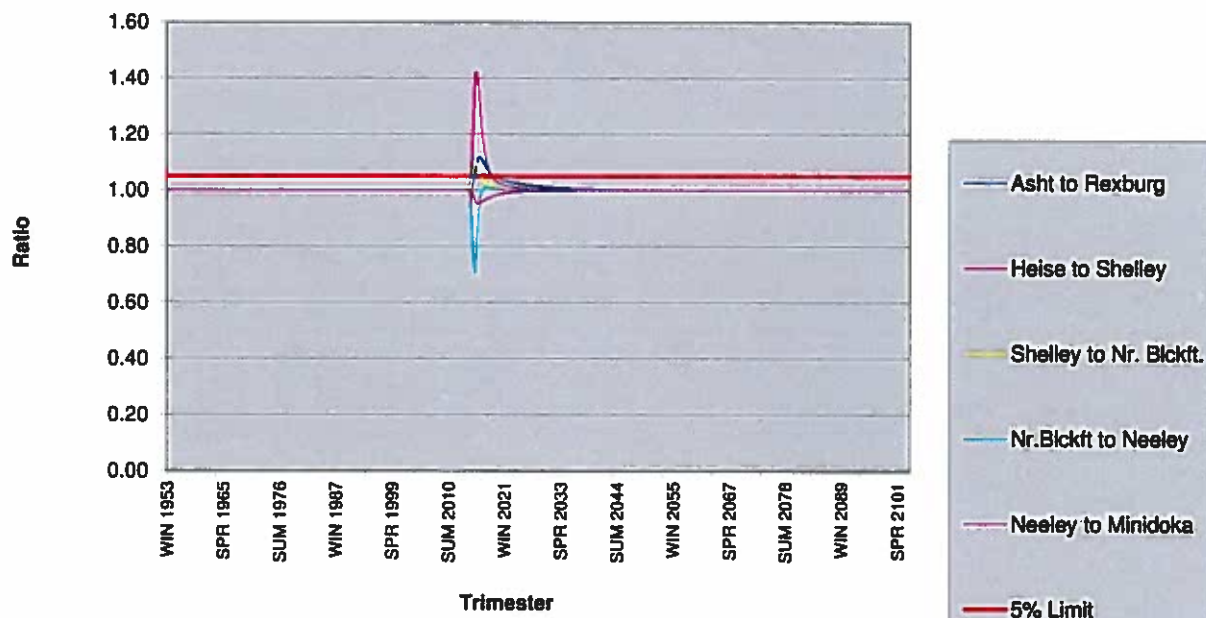


ATTACHMENT 3G.3
Water Modeling – Change
Ratio

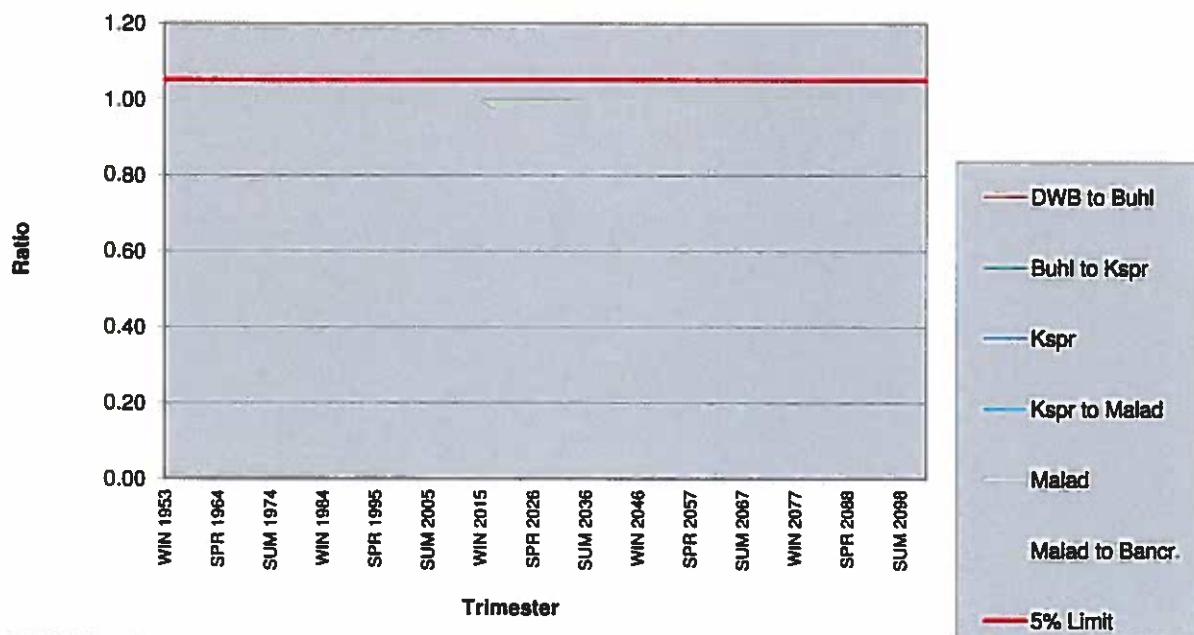
Net effect of transfer, acre feet

period	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft Neeley	T Neeley to Minidoka	Dev. Wbl. Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
WIN 1953	0	0	0	0	0	0	0	0	0	0	0

Change Above Milner as Ratio of Impact With Transfer to Impact Without Transfer



Change Below Milner as Ratio of Impact With Transfer to Impact Without Transfer



SUM 1973	0	0	0	0	0	0	0	0	0	0
WIN 1973	0	0	0	0	0	0	0	0	0	0
SPR 1974	0	0	0	0	0	0	0	0	0	0
SUM 1974	0	0	0	0	0	0	0	0	0	0
WIN 1974	0	0	0	0	0	0	0	0	0	0
SPR 1975	0	0	0	0	0	0	0	0	0	0
SUM 1975	0	0	0	0	0	0	0	0	0	0
WIN 1975	0	0	0	0	0	0	0	0	0	0
SPR 1976	0	0	0	0	0	0	0	0	0	0
SUM 1976	0	0	0	0	0	0	0	0	0	0
WIN 1976	0	0	0	0	0	0	0	0	0	0
SPR 1977	0	0	0	0	0	0	0	0	0	0
SUM 1977	0	0	0	0	0	0	0	0	0	0
WIN 1977	0	0	0	0	0	0	0	0	0	0
SPR 1978	0	0	0	0	0	0	0	0	0	0
SUM 1978	0	0	0	0	0	0	0	0	0	0
WIN 1978	0	0	0	0	0	0	0	0	0	0
SPR 1979	0	0	0	0	0	0	0	0	0	0
SUM 1979	0	0	0	0	0	0	0	0	0	0
WIN 1979	0	0	0	0	0	0	0	0	0	0
SPR 1980	0	0	0	0	0	0	0	0	0	0
SUM 1980	0	0	0	0	0	0	0	0	0	0
WIN 1980	0	0	0	0	0	0	0	0	0	0
SPR 1981	0	0	0	0	0	0	0	0	0	0
SUM 1981	0	0	0	0	0	0	0	0	0	0
WIN 1981	0	0	0	0	0	0	0	0	0	0
SPR 1982	0	0	0	0	0	0	0	0	0	0
SUM 1982	0	0	0	0	0	0	0	0	0	0
WIN 1982	0	0	0	0	0	0	0	0	0	0
SPR 1983	0	0	0	0	0	0	0	0	0	0
SUM 1983	0	0	0	0	0	0	0	0	0	0
WIN 1983	0	0	0	0	0	0	0	0	0	0
SPR 1984	0	0	0	0	0	0	0	0	0	0
SUM 1984	0	0	0	0	0	0	0	0	0	0
WIN 1984	0	0	0	0	0	0	0	0	0	0
SPR 1985	0	0	0	0	0	0	0	0	0	0
SUM 1985	0	0	0	0	0	0	0	0	0	0
WIN 1985	0	0	0	0	0	0	0	0	0	0
SPR 1986	0	0	0	0	0	0	0	0	0	0
SUM 1986	0	0	0	0	0	0	0	0	0	0
WIN 1986	0	0	0	0	0	0	0	0	0	0
SPR 1987	0	0	0	0	0	0	0	0	0	0
SUM 1987	0	0	0	0	0	0	0	0	0	0
WIN 1987	0	0	0	0	0	0	0	0	0	0
SPR 1988	0	0	0	0	0	0	0	0	0	0
SUM 1988	0	0	0	0	0	0	0	0	0	0
WIN 1988	0	0	0	0	0	0	0	0	0	0
SPR 1989	0	0	0	0	0	0	0	0	0	0
SUM 1989	0	0	0	0	0	0	0	0	0	0
WIN 1989	0	0	0	0	0	0	0	0	0	0
SPR 1990	0	0	0	0	0	0	0	0	0	0
SUM 1990	0	0	0	0	0	0	0	0	0	0
WIN 1990	0	0	0	0	0	0	0	0	0	0
SPR 1991	0	0	0	0	0					

SUM 1994	0	0	0	0	0	0	0	0	0	0	0
WIN 1994	0	0	0	0	0	0	0	0	0	0	0
SPR 1995	0	0	0	0	0	0	0	0	0	0	0
SUM 1995	0	0	0	0	0	0	0	0	0	0	0
WIN 1995	0	0	0	0	0	0	0	0	0	0	0
SPR 1996	0	0	0	0	0	0	0	0	0	0	0
SUM 1996	0	0	0	0	0	0	0	0	0	0	0
WIN 1996	0	0	0	0	0	0	0	0	0	0	0
SPR 1997	0	0	0	0	0	0	0	0	0	0	0
SUM 1997	0	0	0	0	0	0	0	0	0	0	0
WIN 1997	0	0	0	0	0	0	0	0	0	0	0
SPR 1998	0	0	0	0	0	0	0	0	0	0	0
SUM 1998	0	0	0	0	0	0	0	0	0	0	0
WIN 1998	0	0	0	0	0	0	0	0	0	0	0
SPR 1999	0	0	0	0	0	0	0	0	0	0	0
SUM 1999	0	0	0	0	0	0	0	0	0	0	0
WIN 1999	0	0	0	0	0	0	0	0	0	0	0
SPR 2000	0	0	0	0	0	0	0	0	0	0	0
SUM 2000	0	0	0	0	0	0	0	0	0	0	0
WIN 2000	0	0	0	0	0	0	0	0	0	0	0
SPR 2001	0	0	0	0	0	0	0	0	0	0	0
SUM 2001	0	0	0	0	0	0	0	0	0	0	0
WIN 2001	0	0	0	0	0	0	0	0	0	0	0
SPR 2002	0	0	0	0	0	0	0	0	0	0	0
SUM 2002	0	0	0	0	0	0	0	0	0	0	0
WIN 2002	0	0	0	0	0	0	0	0	0	0	0
SPR 2003	0	0	0	0	0	0	0	0	0	0	0
SUM 2003	0	0	0	0	0	0	0	0	0	0	0
WIN 2003	0	0	0	0	0	0	0	0	0	0	0
SPR 2004	0	0	0	0	0	0	0	0	0	0	0
SUM 2004	0	0	0	0	0	0	0	0	0	0	0
WIN 2004	0	0	0	0	0	0	0	0	0	0	0
SPR 2005	0	0	0	0	0	0	0	0	0	0	0
SUM 2005	0	0	0	0	0	0	0	0	0	0	0
WIN 2005	0	0	0	0	0	0	0	0	0	0	0
SPR 2006	0	0	0	0	0	0	0	0	0	0	0
SUM 2006	0	0	0	0	0	0	0	0	0	0	0
WIN 2006	0	0	0	0	0	0	0	0	0	0	0
SPR 2007	0	0	0	0	0	0	0	0	0	0	0
SUM 2007	0	0	0	0	0	0	0	0	0	0	0
WIN 2007	0	0	0	0	0	0	0	0	0	0	0
SPR 2008	0	0	0	0	0	0	0	0	0	0	0
SUM 2008	0	0	0	0	0	0	0	0	0	0	0
WIN 2008	0	0	0	0	0	0	0	0	0	0	0
SPR 2009	0	0	0	0	0	0	0	0	0	0	0
SUM 2009	0	0	0	0	0	0	0	0	0	0	0
WIN 2009	0	0	0	0	0	0	0	0	0	0	0
SPR 2010	0	0	0	0	0	0	0	0	0	0	0
SUM 2010	0	0	0	0	0	0	0	0	0	0	0
WIN 2010	0	0	0	0	0	0	0	0	0	0	0
SPR 2011	0	0	0	0	0	0	0	0	0	0	0
SUM 2011	0	0	0	0	0	0	0	0	0	0	0
WIN 2011	0	0	0	0	0	0	0	0	0	0	0
SPR 2012	0	0	0	0	0	0	0	0	0	0	0
SUM 2012	0	0	0	0	0	0	0	0	0	0	0
WIN 2012	0	0	0	0	0	0	0	0	0	0	0
SPR 2013	0	0	0	0	0	0	0	0	0	0	0
SUM 2013	0	0	0	0	0	0	0	0	0	0	0
WIN 2013	0	0	0	0	0	0	0	0	0	0	0
SPR 2014	0	0	0	0	0	0	0	0	0	0	0
SUM 2014	0	0	0	0	0	0	0	0	0	0	0
WIN 2014	0	0	0	0	0	0	0	0	0	0	0
SPR 2015	0.012512	0.126525	0.464911	-2.19056	-0.00276	-3.4E-05	-1.1E-05	-6.6E-06	-6.7E-07	-6.1E-06	-1.8E-07

SUM 2015	0.039566	0.304388	0.66121	-3.46123	-0.00749	-0.00018	-5.9E-05	-3.7E-05	-3.8E-06	-3.4E-05	-1E-06
WIN 2015	0.074977	0.47123	0.844494	-4.04552	-0.0128	-0.00055	-0.00018	-0.00012	-1.2E-05	-0.00011	-3.3E-06
SPR 2016	0.099803	0.479242	0.53319	-2.09548	-0.01517	-0.00119	-0.0004	-0.00025	-2.7E-05	-0.00023	-7.4E-06
SUM 2016	0.108237	0.403575	0.460891	-0.90269	-0.01515	-0.00205	-0.00072	-0.00045	-4.7E-05	-0.00041	-1.3E-05
WIN 2016	0.104977	0.313087	0.377828	-0.32018	-0.01414	-0.00303	-0.00108	-0.00068	-7.2E-05	-0.00063	-2E-05
SPR 2017	0.096245	0.235913	0.306156	-0.04669	-0.01293	-0.00401	-0.00146	-0.00092	-9.8E-05	-0.00085	-2.8E-05
SUM 2017	0.086148	0.177532	0.250025	0.078812	-0.01179	-0.00488	-0.00181	-0.00114	-0.00012	-0.00106	-3.5E-05
WIN 2017	0.076654	0.135367	0.206718	0.132929	-0.01078	-0.00559	-0.0021	-0.00132	-0.00014	-0.00123	-4.1E-05
SPR 2018	0.068439	0.105295	0.173031	0.152117	-0.00986	-0.00611	-0.00232	-0.00147	-0.00016	-0.00137	-4.6E-05
SUM 2018	0.061574	0.083747	0.146454	0.154154	-0.00902	-0.00646	-0.00247	-0.00157	-0.00017	-0.00147	-5E-05
WIN 2018	0.055897	0.0681	0.125171	0.147948	-0.00824	-0.00664	-0.00256	-0.00162	-0.00018	-0.00153	-5.3E-05
SPR 2019	0.051194	0.056536	0.107889	0.138058	-0.0075	-0.0067	-0.0026	-0.00165	-0.00018	-0.00155	-5.4E-05
SUM 2019	0.047266	0.047823	0.093683	0.126846	-0.0068	-0.00665	-0.0026	-0.00165	-0.00018	-0.00156	-5.4E-05
WIN 2019	0.043945	0.04113	0.081878	0.11553	-0.00616	-0.00652	-0.00256	-0.00162	-0.00018	-0.00154	-5.4E-05
SPR 2020	0.0411	0.035889	0.071979	0.104722	-0.00556	-0.00634	-0.00249	-0.00158	-0.00017	-0.0015	-5.3E-05
SUM 2020	0.038631	0.031713	0.063611	0.094704	-0.00501	-0.00612	-0.00241	-0.00153	-0.00017	-0.00146	-5.1E-05
WIN 2020	0.03646	0.028327	0.05649	0.085581	-0.00451	-0.00588	-0.00232	-0.00147	-0.00016	-0.0014	-5E-05
SPR 2021	0.034528	0.02554	0.050393	0.077361	-0.00406	-0.00562	-0.00222	-0.00141	-0.00016	-0.00135	-4.8E-05
SUM 2021	0.032791	0.023212	0.045143	0.070003	-0.00366	-0.00536	-0.00212	-0.00135	-0.00015	-0.00129	-4.6E-05
WIN 2021	0.031214	0.021243	0.040602	0.063442	-0.00329	-0.0051	-0.00202	-0.00128	-0.00014	-0.00123	-4.4E-05
SPR 2022	0.029768	0.019556	0.036655	0.057602	-0.00297	-0.00484	-0.00191	-0.00122	-0.00013	-0.00117	-4.2E-05
SUM 2022	0.028435	0.018095	0.03321	0.05241	-0.00269	-0.0046	-0.00182	-0.00115	-0.00013	-0.00111	-4E-05
WIN 2022	0.027196	0.016818	0.030191	0.04779	-0.00243	-0.00436	-0.00172	-0.00109	-0.00012	-0.00105	-3.8E-05
SPR 2023	0.026039	0.015691	0.027535	0.043678	-0.00221	-0.00413	-0.00163	-0.00104	-0.00012	-0.00099	-3.6E-05
SUM 2023	0.024953	0.014688	0.025189	0.040012	-0.00201	-0.00391	-0.00154	-0.00098	-0.00011	-0.00094	-3.4E-05
WIN 2023	0.023928	0.013788	0.023109	0.03674	-0.00183	-0.0037	-0.00146	-0.00093	-0.0001	-0.00089	-3.2E-05
SPR 2024	0.022959	0.012976	0.021259	0.033811	-0.00167	-0.00351	-0.00138	-0.00088	-9.8E-05	-0.00084	-3E-05
SUM 2024	0.02204	0.012239	0.019607	0.031185	-0.00153	-0.00332	-0.00131	-0.00083	-9.2E-05	-0.0008	-2.9E-05
WIN 2024	0.021164	0.011565	0.018128	0.028825	-0.00141	-0.00315	-0.00124	-0.00079	-8.7E-05	-0.00076	-2.7E-05
SPR 2025	0.02033	0.010946	0.016798	0.026699	-0.0013	-0.00298	-0.00117	-0.00075	-8.3E-05	-0.00071	-2.6E-05
SUM 2025	0.019532	0.010375	0.015598	0.024778	-0.0012	-0.00283	-0.00111	-0.00071	-7.8E-05	-0.00068	-2.5E-05
WIN 2025	0.018769	0.009846	0.014513	0.023039	-0.00111	-0.00268	-0.00105	-0.00067	-7.4E-05	-0.00064	-2.3E-05
SPR 2026	0.018038	0.009355	0.013529	0.021459	-0.00103	-0.00254	-0.001	-0.00063	-7E-05	-0.00061	-2.2E-05
SUM 2026	0.017337	0.008897	0.012633	0.020021	-0.00096	-0.00241	-0.00094	-0.0006	-6.7E-05	-0.00058	-2.1E-05
WIN 2026	0.016664	0.008468	0.011816	0.01871	-0.00089	-0.00229	-0.0009	-0.00057	-6.3E-05	-0.00055	-2E-05
SPR 2027	0.016017	0.008066	0.011068	0.017511	-0.00084	-0.00217	-0.00085	-0.00054	-6E-05	-0.00052	-1.9E-05
SUM 2027	0.015396	0.007687	0.010382	0.016411	-0.00078	-0.00207	-0.00081	-0.00051	-5.7E-05	-0.00049	-1.8E-05
WIN 2027	0.014798	0.007331	0.009751	0.015401	-0.00074	-0.00196	-0.00077	-0.00049	-5.4E-05	-0.00047	-1.7E-05
SPR 2028	0.014223	0.006995	0.00917	0.014471	-0.00069	-0.00187	-0.00073	-0.00046	-5.1E-05	-0.00044	-1.6E-05
SUM 2028	0.01367	0.006677	0.008633	0.013612	-0.00065	-0.00177	-0.00069	-0.00044	-4.9E-05	-0.00042	-1.6E-05
WIN 2028	0.013138	0.006376	0.008136	0.012817	-0.00061	-0.00169	-0.00066	-0.00042	-4.6E-05	-0.0004	-1.5E-05
SPR 2029	0.012626	0.006091	0.007675	0.012082	-0.00058	-0.00161	-0.00062	-0.0004	-4.4E-05	-0.00038	-1.4E-05
SUM 2029	0.012133	0.00582	0.007247	0.011399	-0.00055	-0.00153	-0.00059	-0.00038	-4.2E-05	-0.00036	-1.4E-05
WIN 2029	0.011658	0.005563	0.006849	0.010765	-0.00052	-0.00146	-0.00056	-0.00036	-4E-05	-0.00034	-1.3E-05
SPR 2030	0.011202	0.005319	0.006477	0.010174	-0.00049	-0.00139	-0.00054	-0.00034	-3.8E-05	-0.00033	-1.2E-05
SUM 2030	0.010762	0.005086	0.00613	0.009623	-0.00047	-0.00132	-0.00051	-0.00032	-3.6E-05	-0.00031	-1.2E-05
WIN 2030	0.010339	0.004865	0.005806	0.009108	-0.00044	-0.00126	-0.00049	-0.00031	-3.4E-05	-0.0003	-1.1E-05
SPR 2031	0.009932	0.004654	0.005502	0.008626	-0.00042	-0.0012	-0.00046	-0.00029	-3.3E-05	-0.00028	-1.1E-05
SUM 2031	0.009541	0.004453	0.005218	0.008176	-0.0004	-0.00115	-0.00044	-0.00028	-3.1E-05	-0.00027	-1E-05
WIN 2031	0.009164	0.004261	0.004951	0.007753	-0.00038	-0.00109	-0.00042	-0.00027	-3E-05	-0.00026	-9.9E-06
SPR 2032	0.008802	0.004078	0.004701	0.007356	-0.00036	-0.00104	-0.0004	-0.00026	-2.8E-05	-0.00024	-9.5E-06
SUM 2032	0.008453	0.003903	0.004465	0.006984	-0.00035	-0.001	-0.00038	-0.00024	-2.7E-05	-0.00023	-9.1E-06
WIN 2032	0.008118	0.003736	0.004243	0.006634	-0.00033	-0.00095	-0.00037	-0.00023	-2.6E-05	-0.00022	-8.8E-06
SPR 2033	0.007796	0.003577	0.004034	0.006304	-0.00032	-0.00091	-0.00035	-0.00022	-2.5E-05	-0.00021	-8.4E-06
SUM 2033	0.007486	0.003425	0.003837	0.005993	-0.0003	-0.00087	-0.00033	-0.00021	-2.3E-05	-0.0002	-8.1E-06
WIN 2033	0.007189	0.00328	0.003651	0.0057	-0.00029	-0.00083	-0.00032	-0.0002	-2.2E-05	-0.00019	-7.8E-06
SPR 2034	0.006902	0.003141	0.003476	0.005424	-0.00028	-0.0008	-0.0003	-0.00019	-2.1E-05	-0.00018	-7.5E-06
SUM 2034	0.006627	0.003008	0.003309	0.005162	-0.00027	-0.00076	-0.00029	-0.00018	-2E-05	-0.00018	-7.2E-06
WIN 2034	0.006363	0.002881	0.003152	0.004915	-0.00025	-0.00073	-0.00028	-0.00018	-1.9E-05	-0.00017	-7E-06
SPR 2035	0.006109	0.00276	0.003004	0.004681	-0.00024	-0.0007	-0.00027	-0.00017	-1.9E-05	-0.00016	-6.7E-06
SUM 2035	0.005865	0.002644	0.002863	0.00446	-0.00023	-0.00067	-0.00025	-0.00016	-1.8E-05	-0.00015	-6.5E-06
WIN 2035	0.005631	0.002533	0.00273	0.004251	-0.00022	-0.00064	-0.00024	-0.00015	-1.7E-05	-0.00015	-6.3E-06
SPR 2036	0.005406	0.002427	0.002603	0.004053	-0.00022	-0.00061	-0.00023	-0.00015	-1.6E-05	-0.00014	-6.1E-06

SUM 2036	0.00519	0.002325	0.002484	0.003865	-0.00021	-0.00059	-0.00022	-0.00014	-1.6E-05	-0.00013	-5.9E-06
WIN 2036	0.004982	0.002228	0.00237	0.003686	-0.0002	-0.00056	-0.00021	-0.00014	-1.5E-05	-0.00013	-5.7E-06
SPR 2037	0.004783	0.002135	0.002262	0.003517	-0.00019	-0.00054	-0.0002	-0.00013	-1.4E-05	-0.00012	-5.5E-06
SUM 2037	0.004591	0.002046	0.00216	0.003357	-0.00018	-0.00052	-0.0002	-0.00012	-1.4E-05	-0.00012	-5.3E-06
WIN 2037	0.004408	0.001961	0.002063	0.003204	-0.00018	-0.0005	-0.00019	-0.00012	-1.3E-05	-0.00011	-5.2E-06
SPR 2038	0.004231	0.00188	0.00197	0.003059	-0.00017	-0.00048	-0.00018	-0.00011	-1.3E-05	-0.00011	-5E-06
SUM 2038	0.004062	0.001802	0.001882	0.002922	-0.00016	-0.00046	-0.00017	-0.00011	-1.2E-05	-0.0001	-4.8E-06
WIN 2038	0.0039	0.001727	0.001799	0.002791	-0.00016	-0.00044	-0.00017	-0.0001	-1.2E-05	-9.9E-05	-4.7E-06
SPR 2039	0.003744	0.001656	0.001719	0.002666	-0.00015	-0.00042	-0.00016	-0.0001	-1.1E-05	-9.5E-05	-4.6E-06
SUM 2039	0.003594	0.001588	0.001643	0.002547	-0.00015	-0.0004	-0.00015	-9.7E-05	-1.1E-05	-9.1E-05	-4.4E-06
WIN 2039	0.00345	0.001522	0.001571	0.002434	-0.00014	-0.00039	-0.00015	-9.3E-05	-1E-05	-8.8E-05	-4.3E-06
SPR 2040	0.003313	0.00146	0.001503	0.002326	-0.00014	-0.00037	-0.00014	-8.9E-05	-9.8E-06	-8.4E-05	-4.2E-06
SUM 2040	0.00318	0.0014	0.001437	0.002224	-0.00013	-0.00036	-0.00014	-8.6E-05	-9.4E-06	-8.1E-05	-4.1E-06
WIN 2040	0.003053	0.001342	0.001375	0.002126	-0.00013	-0.00035	-0.00013	-8.2E-05	-9.1E-06	-7.8E-05	-4E-06
SPR 2041	0.002932	0.001287	0.001315	0.002033	-0.00012	-0.00033	-0.00013	-7.9E-05	-8.7E-06	-7.5E-05	-3.9E-06
SUM 2041	0.002815	0.001235	0.001259	0.001944	-0.00012	-0.00032	-0.00012	-7.6E-05	-8.4E-06	-7.2E-05	-3.8E-06
WIN 2041	0.002703	0.001184	0.001205	0.001859	-0.00011	-0.00031	-0.00012	-7.3E-05	-8.1E-06	-6.9E-05	-3.7E-06
SPR 2042	0.002595	0.001136	0.001153	0.001779	-0.00011	-0.0003	-0.00011	-7E-05	-7.7E-06	-6.6E-05	-3.6E-06
SUM 2042	0.002492	0.00109	0.001104	0.001702	-0.00011	-0.00029	-0.00011	-6.8E-05	-7.5E-06	-6.4E-05	-3.5E-06
WIN 2042	0.002393	0.001046	0.001057	0.001629	-0.0001	-0.00028	-0.0001	-6.5E-05	-7.2E-06	-6.1E-05	-3.4E-06
SPR 2043	0.002298	0.001003	0.001012	0.001558	-0.0001	-0.00027	-1E-04	-6.3E-05	-6.9E-06	-5.9E-05	-3.3E-06
SUM 2043	0.002207	0.000963	0.00097	0.001491	-9.7E-05	-0.00026	-9.6E-05	-6.1E-05	-6.7E-06	-5.7E-05	-3.3E-06
WIN 2043	0.00212	0.000924	0.000929	0.001427	-9.4E-05	-0.00025	-9.2E-05	-5.8E-05	-6.4E-06	-5.5E-05	-3.2E-06
SPR 2044	0.002036	0.000887	0.000889	0.001366	-9.1E-05	-0.00024	-8.9E-05	-5.6E-05	-6.2E-06	-5.3E-05	-3.1E-06
SUM 2044	0.001956	0.000851	0.000852	0.001308	-8.8E-05	-0.00023	-8.6E-05	-5.4E-05	-6E-06	-5.1E-05	-3E-06
WIN 2044	0.001879	0.000817	0.000816	0.001252	-8.6E-05	-0.00022	-8.3E-05	-5.2E-05	-5.8E-06	-4.9E-05	-3E-06
SPR 2045	0.001805	0.000784	0.000782	0.001198	-8.3E-05	-0.00021	-8E-05	-5.1E-05	-5.6E-06	-4.7E-05	-2.9E-06
SUM 2045	0.001734	0.000753	0.000749	0.001147	-8.1E-05	-0.00021	-7.7E-05	-4.9E-05	-5.4E-06	-4.6E-05	-2.8E-06
WIN 2045	0.001666	0.000722	0.000718	0.001098	-7.9E-05	-0.0002	-7.5E-05	-4.7E-05	-5.2E-06	-4.4E-05	-2.8E-06
SPR 2046	0.0016	0.000694	0.000688	0.001051	-7.6E-05	-0.00019	-7.2E-05	-4.6E-05	-5E-06	-4.3E-05	-2.7E-06
SUM 2046	0.001538	0.000666	0.00066	0.001006	-7.4E-05	-0.00019	-7E-05	-4.4E-05	-4.8E-06	-4.1E-05	-2.7E-06
WIN 2046	0.001478	0.00064	0.000632	0.000964	-7.2E-05	-0.00018	-6.7E-05	-4.3E-05	-4.7E-06	-4E-05	-2.6E-06
SPR 2047	0.00142	0.000614	0.000606	0.000922	-7E-05	-0.00018	-6.5E-05	-4.1E-05	-4.5E-06	-3.9E-05	-2.5E-06
SUM 2047	0.001365	0.00059	0.000581	0.000883	-6.8E-05	-0.00017	-6.3E-05	-4E-05	-4.4E-06	-3.7E-05	-2.5E-06
WIN 2047	0.001312	0.000567	0.000557	0.000845	-6.7E-05	-0.00017	-6.1E-05	-3.9E-05	-4.2E-06	-3.6E-05	-2.4E-06
SPR 2048	0.001261	0.000544	0.000534	0.000809	-6.5E-05	-0.00016	-5.9E-05	-3.7E-05	-4.1E-06	-3.5E-05	-2.4E-06
SUM 2048	0.001212	0.000523	0.000512	0.000775	-6.3E-05	-0.00016	-5.7E-05	-3.6E-05	-4E-06	-3.4E-05	-2.3E-06
WIN 2048	0.001165	0.000502	0.000491	0.000742	-6.2E-05	-0.00015	-5.6E-05	-3.5E-05	-3.8E-06	-3.3E-05	-2.3E-06
SPR 2049	0.00112	0.000483	0.000471	0.00071	-6E-05	-0.00015	-5.4E-05	-3.4E-05	-3.7E-06	-3.2E-05	-2.2E-06
SUM 2049	0.001077	0.000464	0.000452	0.00068	-5.9E-05	-0.00014	-5.2E-05	-3.3E-05	-3.6E-06	-3.1E-05	-2.2E-06
WIN 2049	0.001036	0.000446	0.000434	0.000651	-5.7E-05	-0.00014	-5.1E-05	-3.2E-05	-3.5E-06	-3E-05	-2.2E-06
SPR 2050	0.000996	0.000428	0.000416	0.000623	-5.6E-05	-0.00013	-4.9E-05	-3.1E-05	-3.4E-06	-2.9E-05	-2.1E-06
SUM 2050	0.000958	0.000412	0.000399	0.000597	-5.4E-05	-0.00013	-4.8E-05	-3E-05	-3.3E-06	-2.8E-05	-2.1E-06
WIN 2050	0.000922	0.000396	0.000382	0.000571	-5.3E-05	-0.00013	-4.6E-05	-2.9E-05	-3.2E-06	-2.7E-05	-2E-06
SPR 2051	0.000887	0.00038	0.000367	0.000547	-5.2E-05	-0.00012	-4.5E-05	-2.8E-05	-3.1E-06	-2.6E-05	-2E-06
SUM 2051	0.000853	0.000366	0.000352	0.000523	-5.1E-05	-0.00012	-4.4E-05	-2.8E-05	-3E-06	-2.6E-05	-2E-06
WIN 2051	0.000821	0.000352	0.000337	0.000501	-5E-05	-0.00012	-4.3E-05	-2.7E-05	-2.9E-06	-2.5E-05	-1.9E-06
SPR 2052	0.00079	0.000338	0.000324	0.000479	-4.9E-05	-0.00011	-4.1E-05	-2.6E-05	-2.9E-06	-2.4E-05	-1.9E-06
SUM 2052	0.00076	0.000325	0.000311	0.000458	-4.8E-05	-0.00011	-4E-05	-2.5E-05	-2.8E-06	-2.4E-05	-1.9E-06
WIN 2052	0.000731	0.000313	0.000298	0.000439	-4.7E-05	-0.00011	-3.9E-05	-2.5E-05	-2.7E-06	-2.3E-05	-1.8E-06
SPR 2053	0.000704	0.000301	0.000286	0.00042	-4.6E-05	-0.0001	-3.8E-05	-2.4E-05	-2.6E-06	-2.2E-05	-1.8E-06
SUM 2053	0.000678	0.000289	0.000274	0.000401	-4.5E-05	-0.0001	-3.7E-05	-2.3E-05	-2.6E-06	-2.2E-05	-1.8E-06
WIN 2053	0.000653	0.000278	0.000263	0.000383	-4.4E-05	-9.9E-05	-3.6E-05	-2.3E-05	-2.5E-06	-2.1E-05	-1.7E-06
SPR 2054	0.000628	0.000268	0.000252	0.000367	-4.3E-05	-9.7E-05	-3.5E-05	-2.2E-05	-2.4E-06	-2.1E-05	-1.7E-06
SUM 2054	0.000605	0.000258	0.000242	0.000351	-4.2E-05	-9.4E-05	-3.4E-05	-2.2E-05	-2.4E-06	-2E-05	-1.7E-06
WIN 2054	0.000583	0.000248	0.000232	0.000335	-4.1E-05	-9.2E-05	-3.4E-05	-2.1E-05	-2.3E-06	-2E-05	-1.6E-06
SPR 2055	0.000562	0.000239	0.000222	0.00032	-4.1E-05	-9E-05	-3.3E-05	-2.1E-05	-2.3E-06	-1.9E-05	-1.6E-06
SUM 2055	0.000541	0.00023	0.000213	0.000306	-4E-05	-8.8E-05	-3.2E-05	-2E-05	-2.2E-06	-1.9E-05	-1.6E-06
WIN 2055	0.000521	0.000221	0.000205	0.000293	-3.9E-05	-8.6E-05	-3.1E-05	-2E-05	-2.1E-06	-1.8E-05	-1.5E-06
SPR 2056	0.000502	0.000213	0.000196	0.00028	-3.9E-05	-8.4E-05	-3E-05	-1.9E-05	-2.1E-06	-1.8E-05	-1.5E-06
SUM 2056	0.000484	0.000205	0.000188	0.000268	-3.8E-05	-8.2E-05	-3E-05	-1.9E-05	-2E-06	-1.7E-05	-1.5E-06
WIN 2056	0.000467	0.000198	0.00018	0.000255	-3.7E-05	-8E-05	-2.9E-05	-1.8E-05	-2E-06	-1.7E-05	-1.5E-06
SPR 2057	0.00045	0.00019	0.000173	0.000243	-3.7E-05	-7.8E-05	-2.8E-05	-1.8E-05	-2E-06	-1.7E-05	-1.4E-06

SUM 2057	0.000434	0.000183	0.000166	0.000232	-3.6E-05	-7.7E-05	-2.8E-05	-1.8E-05	-1.9E-06	-1.6E-05	-1.4E-06
WIN 2057	0.000418	0.000177	0.000159	0.000221	-3.5E-05	-7.5E-05	-2.7E-05	-1.7E-05	-1.9E-06	-1.6E-05	-1.4E-06
SPR 2058	0.000404	0.00017	0.000153	0.000211	-3.5E-05	-7.4E-05	-2.7E-05	-1.7E-05	-1.8E-06	-1.5E-05	-1.4E-06
SUM 2058	0.000389	0.000164	0.000146	0.000202	-3.4E-05	-7.2E-05	-2.6E-05	-1.6E-05	-1.8E-06	-1.5E-05	-1.3E-06
WIN 2058	0.000376	0.000158	0.00014	0.000192	-3.4E-05	-7.1E-05	-2.6E-05	-1.6E-05	-1.8E-06	-1.5E-05	-1.3E-06
SPR 2059	0.000362	0.000152	0.000135	0.000183	-3.3E-05	-6.9E-05	-2.5E-05	-1.6E-05	-1.7E-06	-1.5E-05	-1.3E-06
SUM 2059	0.00035	0.000147	0.000129	0.000174	-3.3E-05	-6.8E-05	-2.5E-05	-1.5E-05	-1.7E-06	-1.4E-05	-1.3E-06
WIN 2059	0.000338	0.000142	0.000124	0.000166	-3.2E-05	-6.6E-05	-2.4E-05	-1.5E-05	-1.6E-06	-1.4E-05	-1.2E-06
SPR 2060	0.000326	0.000137	0.000118	0.000157	-3.2E-05	-6.5E-05	-2.4E-05	-1.5E-05	-1.6E-06	-1.4E-05	-1.2E-06
SUM 2060	0.000315	0.000132	0.000113	0.00015	-3.1E-05	-6.4E-05	-2.3E-05	-1.5E-05	-1.6E-06	-1.3E-05	-1.2E-06
WIN 2060	0.000304	0.000127	0.000109	0.000142	-3.1E-05	-6.3E-05	-2.3E-05	-1.4E-05	-1.6E-06	-1.3E-05	-1.2E-06
SPR 2061	0.000294	0.000122	0.000104	0.000136	-3E-05	-6.2E-05	-2.2E-05	-1.4E-05	-1.5E-06	-1.3E-05	-1.2E-06
SUM 2061	0.000284	0.000118	9.97E-05	0.000129	-3E-05	-6.1E-05	-2.2E-05	-1.4E-05	-1.5E-06	-1.3E-05	-1.1E-06
WIN 2061	0.000274	0.000114	9.53E-05	0.000122	-3E-05	-6E-05	-2.1E-05	-1.3E-05	-1.5E-06	-1.2E-05	-1.1E-06
SPR 2062	0.000265	0.00011	9.13E-05	0.000116	-2.9E-05	-5.8E-05	-2.1E-05	-1.3E-05	-1.4E-06	-1.2E-05	-1.1E-06
SUM 2062	0.000256	0.000106	8.78E-05	0.000109	-2.9E-05	-5.7E-05	-2.1E-05	-1.3E-05	-1.4E-06	-1.2E-05	-1.1E-06
WIN 2062	0.000248	0.000103	8.42E-05	0.000103	-2.9E-05	-5.7E-05	-2E-05	-1.3E-05	-1.4E-06	-1.2E-05	-1.1E-06
SPR 2063	0.000239	9.9E-05	8.05E-05	9.79E-05	-2.8E-05	-5.6E-05	-2E-05	-1.3E-05	-1.4E-06	-1.2E-05	-1E-06
SUM 2063	0.000232	9.56E-05	7.71E-05	9.28E-05	-2.8E-05	-5.5E-05	-2E-05	-1.2E-05	-1.3E-06	-1.1E-05	-1E-06
WIN 2063	0.000224	9.23E-05	7.37E-05	8.8E-05	-2.7E-05	-5.4E-05	-1.9E-05	-1.2E-05	-1.3E-06	-1.1E-05	-1E-06
SPR 2064	0.000217	8.92E-05	7.04E-05	8.34E-05	-2.7E-05	-5.3E-05	-1.9E-05	-1.2E-05	-1.3E-06	-1.1E-05	-9.9E-07
SUM 2064	0.00021	8.62E-05	6.72E-05	7.85E-05	-2.7E-05	-5.2E-05	-1.9E-05	-1.2E-05	-1.3E-06	-1.1E-05	-9.7E-07
WIN 2064	0.000203	8.33E-05	6.4E-05	7.33E-05	-2.6E-05	-5.1E-05	-1.8E-05	-1.2E-05	-1.3E-06	-1.1E-05	-9.6E-07
SPR 2065	0.000197	8.05E-05	6.1E-05	6.86E-05	-2.6E-05	-5.1E-05	-1.8E-05	-1.1E-05	-1.2E-06	-1E-05	-9.4E-07
SUM 2065	0.000191	7.78E-05	5.83E-05	6.45E-05	-2.6E-05	-5E-05	-1.8E-05	-1.1E-05	-1.2E-06	-1E-05	-9.3E-07
WIN 2065	0.000185	7.53E-05	5.57E-05	6.07E-05	-2.6E-05	-4.9E-05	-1.8E-05	-1.1E-05	-1.2E-06	-1E-05	-9.1E-07
SPR 2066	0.000179	7.28E-05	5.33E-05	5.69E-05	-2.5E-05	-4.8E-05	-1.7E-05	-1.1E-05	-1.2E-06	-1E-05	-8.9E-07
SUM 2066	0.000173	7.04E-05	5.11E-05	5.35E-05	-2.5E-05	-4.8E-05	-1.7E-05	-1.1E-05	-1.2E-06	-9.8E-06	-8.8E-07
WIN 2066	0.000168	6.81E-05	4.9E-05	4.98E-05	-2.5E-05	-4.7E-05	-1.7E-05	-1.1E-05	-1.1E-06	-9.7E-06	-8.6E-07
SPR 2067	0.000163	6.59E-05	4.67E-05	4.64E-05	-2.4E-05	-4.6E-05	-1.7E-05	-1E-05	-1.1E-06	-9.6E-06	-8.5E-07
SUM 2067	0.000158	6.38E-05	4.43E-05	4.33E-05	-2.4E-05	-4.6E-05	-1.6E-05	-1E-05	-1.1E-06	-9.4E-06	-8.4E-07
WIN 2067	0.000153	6.18E-05	4.22E-05	4.03E-05	-2.4E-05	-4.5E-05	-1.6E-05	-1E-05	-1.1E-06	-9.3E-06	-8.2E-07
SPR 2068	0.000149	5.98E-05	4.03E-05	3.7E-05	-2.4E-05	-4.4E-05	-1.6E-05	-1E-05	-1.1E-06	-9.2E-06	-8.1E-07
SUM 2068	0.000144	5.78E-05	3.85E-05	3.38E-05	-2.3E-05	-4.4E-05	-1.6E-05	-9.9E-06	-1.1E-06	-9E-06	-7.9E-07
WIN 2068	0.00014	5.6E-05	3.67E-05	3.11E-05	-2.3E-05	-4.3E-05	-1.5E-05	-9.7E-06	-1.1E-06	-8.9E-06	-7.8E-07
SPR 2069	0.000136	5.43E-05	3.48E-05	2.84E-05	-2.3E-05	-4.3E-05	-1.5E-05	-9.6E-06	-1E-06	-8.8E-06	-7.7E-07
SUM 2069	0.000132	5.25E-05	3.32E-05	2.58E-05	-2.3E-05	-4.2E-05	-1.5E-05	-9.5E-06	-1E-06	-8.7E-06	-7.6E-07
WIN 2069	0.000128	5.09E-05	3.15E-05	2.31E-05	-2.2E-05	-4.2E-05	-1.5E-05	-9.3E-06	-1E-06	-8.6E-06	-7.4E-07
SPR 2070	0.000125	4.93E-05	2.98E-05	2.13E-05	-2.2E-05	-4.1E-05	-1.5E-05	-9.2E-06	-1E-06	-8.4E-06	-7.3E-07
SUM 2070	0.000121	4.78E-05	2.85E-05	1.94E-05	-2.2E-05	-4.1E-05	-1.5E-05	-9.1E-06	-9.9E-07	-8.3E-06	-7.2E-07
WIN 2070	0.000118	4.64E-05	2.71E-05	1.74E-05	-2.2E-05	-4E-05	-1.4E-05	-9E-06	-9.8E-07	-8.2E-06	-7.1E-07
SPR 2071	0.000115	4.5E-05	2.58E-05	1.52E-05	-2.1E-05	-4E-05	-1.4E-05	-8.9E-06	-9.6E-07	-8.1E-06	-7E-07
SUM 2071	0.000111	4.37E-05	2.41E-05	1.28E-05	-2.1E-05	-3.9E-05	-1.4E-05	-8.8E-06	-9.5E-07	-8E-06	-6.8E-07
WIN 2071	0.000108	4.24E-05	2.29E-05	1.07E-05	-2.1E-05	-3.9E-05	-1.4E-05	-8.7E-06	-9.4E-07	-7.9E-06	-6.7E-07
SPR 2072	0.000106	4.12E-05	2.17E-05	8.81E-06	-2.1E-05	-3.8E-05	-1.4E-05	-8.6E-06	-9.3E-07	-7.8E-06	-6.6E-07
SUM 2072	0.000103	4E-05	2.08E-05	7.16E-06	-2.1E-05	-3.8E-05	-1.3E-05	-8.5E-06	-9.2E-07	-7.7E-06	-6.5E-07
WIN 2072	0.0001	3.88E-05	1.95E-05	5.7E-06	-2E-05	-3.7E-05	-1.3E-05	-8.4E-06	-9.1E-07	-7.6E-06	-6.4E-07
SPR 2073	9.74E-05	3.77E-05	1.86E-05	3.46E-06	-2E-05	-3.7E-05	-1.3E-05	-8.3E-06	-9E-07	-7.6E-06	-6.3E-07
SUM 2073	9.49E-05	3.66E-05	1.74E-05	2.32E-06	-2E-05	-3.6E-05	-1.3E-05	-8.2E-06	-8.9E-07	-7.5E-06	-6.2E-07
WIN 2073	9.25E-05	3.56E-05	1.65E-05	1.31E-06	-2E-05	-3.6E-05	-1.3E-05	-8.1E-06	-8.8E-07	-7.4E-06	-6.1E-07
SPR 2074	9.01E-05	3.46E-05	1.55E-05	4.14E-07	-2E-05	-3.6E-05	-1.3E-05	-8E-06	-8.7E-07	-7.3E-06	-6E-07
SUM 2074	8.79E-05	3.36E-05	1.44E-05	-1.4E-06	-1.9E-05	-3.5E-05	-1.3E-05	-7.9E-06	-8.6E-07	-7.2E-06	-5.9E-07
WIN 2074	8.57E-05	3.27E-05	1.36E-05	-3.1E-06	-1.9E-05	-3.5E-05	-1.2E-05	-7.8E-06	-8.5E-07	-7.1E-06	-5.8E-07
SPR 2075	8.36E-05	3.18E-05	1.26E-05	-4.7E-06	-1.9E-05	-3.4E-05	-1.2E-05	-7.7E-06	-8.4E-07	-7.1E-06	-5.7E-07
SUM 2075	8.16E-05	3.09E-05	1.2E-05	-5.4E-06	-1.9E-05	-3.4E-05	-1.2E-05	-7.6E-06	-8.3E-07	-7E-06	-5.6E-07
WIN 2075	7.96E-05	3.01E-05	1.12E-05	-6E-06	-1.9E-05	-3.4E-05	-1.2E-05	-7.6E-06	-8.2E-07	-6.9E-06	-5.5E-07
SPR 2076	7.77E-05	2.93E-05	1.06E-05	-6.6E-06	-1.9E-05	-3.3E-05	-1.2E-05	-7.5E-06	-8.1E-07	-6.8E-06	-5.5E-07
SUM 2076	7.59E-05	2.85E-05	9.78E-06	-8.3E-06	-1.8E-05	-3.3E-05	-1.2E-05	-7.4E-06	-8E-07	-6.8E-06	-5.4E-07
WIN 2076	7.41E-05	2.78E-05	8.9E-06	-9.4E-06	-1.8E-05	-3.3E-05	-1.2E-05	-7.3E-06	-7.9E-07	-6.7E-06	-5.3E-07
SPR 2077	7.24E-05	2.7E-05	8.22E-06	-1E-05	-1.8E-05	-3.2E-05	-1.2E-05	-7.2E-06	-7.9E-07	-6.6E-06	-5.2E-07
SUM 2077	7.08E-05	2.63E-05	7.73E-06	-1.1E-05	-1.8E-05	-3.2E-05	-1.1E-05	-7.2E-06	-7.8E-07	-6.5E-06	-5.1E-07
WIN 2077	6.92E-05	2.56E-05	7.18E-06	-1.2E-05	-1.8E-05	-3.2E-05	-1.1E-05	-7.1E-06	-7.7E-07	-6.5E-06	-5E-07
SPR 2078	6.77E-05	2.5E-05	6.58E-06	-1.3E-05	-1.8E-05	-3.1E-05	-1.1E-05	-7E-06	-7.6E-07	-6.4E-06	-5E-07

SUM 2078	6.62E-05	2.44E-05	5.91E-06	-1.4E-05	-1.7E-05	-3.1E-05	-1.1E-05	-7E-06	-7.5E-07	-6.3E-06	-4.9E-07
WIN 2078	6.47E-05	2.38E-05	5.41E-06	-1.5E-05	-1.7E-05	-3.1E-05	-1.1E-05	-6.9E-06	-7.5E-07	-6.3E-06	-4.8E-07
SPR 2079	6.34E-05	2.32E-05	4.83E-06	-1.5E-05	-1.7E-05	-3E-05	-1.1E-05	-6.8E-06	-7.4E-07	-6.2E-06	-4.7E-07
SUM 2079	6.2E-05	2.27E-05	4.4E-06	-1.6E-05	-1.7E-05	-3E-05	-1.1E-05	-6.7E-06	-7.3E-07	-6.2E-06	-4.7E-07
WIN 2079	6.07E-05	2.22E-05	3.89E-06	-1.6E-05	-1.7E-05	-3E-05	-1.1E-05	-6.7E-06	-7.2E-07	-6.1E-06	-4.6E-07
SPR 2080	5.95E-05	2.16E-05	3.53E-06	-1.6E-05	-1.7E-05	-3E-05	-1.1E-05	-6.6E-06	-7.2E-07	-6E-06	-4.5E-07
SUM 2080	5.82E-05	2.11E-05	2.82E-06	-1.7E-05	-1.7E-05	-2.9E-05	-1E-05	-6.6E-06	-7.1E-07	-6E-06	-4.5E-07
WIN 2080	5.71E-05	2.06E-05	2.5E-06	-1.7E-05	-1.6E-05	-2.9E-05	-1E-05	-6.5E-06	-7E-07	-5.9E-06	-4.4E-07
SPR 2081	5.59E-05	2.01E-05	2.3E-06	-1.8E-05	-1.6E-05	-2.9E-05	-1E-05	-6.4E-06	-7E-07	-5.9E-06	-4.3E-07
SUM 2081	5.48E-05	1.97E-05	1.99E-06	-1.9E-05	-1.6E-05	-2.8E-05	-1E-05	-6.4E-06	-6.9E-07	-5.8E-06	-4.3E-07
WIN 2081	5.38E-05	1.92E-05	1.57E-06	-2E-05	-1.6E-05	-2.8E-05	-1E-05	-6.3E-06	-6.8E-07	-5.7E-06	-4.2E-07
SPR 2082	5.27E-05	1.88E-05	1.02E-06	-2.1E-05	-1.6E-05	-2.8E-05	-1E-05	-6.2E-06	-6.8E-07	-5.7E-06	-4.1E-07
SUM 2082	5.17E-05	1.84E-05	5.93E-07	-2.1E-05	-1.6E-05	-2.8E-05	-9.9E-06	-6.2E-06	-6.7E-07	-5.6E-06	-4.1E-07
WIN 2082	5.08E-05	1.8E-05	2.74E-07	-2.1E-05	-1.6E-05	-2.7E-05	-9.8E-06	-6.1E-06	-6.6E-07	-5.6E-06	-4E-07
SPR 2083	4.98E-05	1.76E-05	-1.8E-07	-2.1E-05	-1.5E-05	-2.7E-05	-9.7E-06	-6.1E-06	-6.6E-07	-5.5E-06	-3.9E-07
SUM 2083	4.89E-05	1.72E-05	-2.8E-07	-2.1E-05	-1.5E-05	-2.7E-05	-9.6E-06	-6E-06	-6.5E-07	-5.5E-06	-3.9E-07
WIN 2083	4.8E-05	1.68E-05	-5.3E-07	-2.1E-05	-1.5E-05	-2.7E-05	-9.5E-06	-6E-06	-6.5E-07	-5.4E-06	-3.8E-07
SPR 2084	4.71E-05	1.64E-05	-6.8E-07	-2.2E-05	-1.5E-05	-2.6E-05	-9.4E-06	-5.9E-06	-6.4E-07	-5.4E-06	-3.8E-07
SUM 2084	4.63E-05	1.61E-05	-9.7E-07	-2.2E-05	-1.5E-05	-2.6E-05	-9.3E-06	-5.8E-06	-6.3E-07	-5.3E-06	-3.7E-07
WIN 2084	4.55E-05	1.58E-05	-1.4E-06	-2.2E-05	-1.5E-05	-2.6E-05	-9.2E-06	-5.8E-06	-6.3E-07	-5.3E-06	-3.7E-07
SPR 2085	4.48E-05	1.55E-05	-1.8E-06	-2.2E-05	-1.5E-05	-2.6E-05	-9.2E-06	-5.7E-06	-6.2E-07	-5.2E-06	-3.6E-07
SUM 2085	4.41E-05	1.52E-05	-2E-06	-2.3E-05	-1.5E-05	-2.5E-05	-9.1E-06	-5.7E-06	-6.2E-07	-5.2E-06	-3.6E-07
WIN 2085	4.33E-05	1.48E-05	-2E-06	-2.3E-05	-1.4E-05	-2.5E-05	-9E-06	-5.6E-06	-6.1E-07	-5.1E-06	-3.5E-07
SPR 2086	4.26E-05	1.46E-05	-1.9E-06	-2.3E-05	-1.4E-05	-2.5E-05	-8.9E-06	-5.6E-06	-6.1E-07	-5.1E-06	-3.5E-07
SUM 2086	4.19E-05	1.44E-05	-2.1E-06	-2.3E-05	-1.4E-05	-2.5E-05	-8.8E-06	-5.5E-06	-6E-07	-5E-06	-3.4E-07
WIN 2086	4.12E-05	1.42E-05	-2.3E-06	-2.3E-05	-1.4E-05	-2.4E-05	-8.7E-06	-5.5E-06	-6E-07	-5E-06	-3.4E-07
SPR 2087	4.06E-05	1.39E-05	-2.9E-06	-2.4E-05	-1.4E-05	-2.4E-05	-8.7E-06	-5.4E-06	-5.9E-07	-5E-06	-3.3E-07
SUM 2087	4E-05	1.36E-05	-3E-06	-2.4E-05	-1.4E-05	-2.4E-05	-8.6E-06	-5.4E-06	-5.8E-07	-4.9E-06	-3.3E-07
WIN 2087	3.93E-05	1.33E-05	-3.2E-06	-2.4E-05	-1.4E-05	-2.4E-05	-8.5E-06	-5.3E-06	-5.8E-07	-4.9E-06	-3.2E-07
SPR 2088	3.87E-05	1.31E-05	-3.1E-06	-2.4E-05	-1.4E-05	-2.4E-05	-8.4E-06	-5.3E-06	-5.7E-07	-4.8E-06	-3.2E-07
SUM 2088	3.81E-05	1.28E-05	-3.2E-06	-2.3E-05	-1.3E-05	-2.3E-05	-8.4E-06	-5.2E-06	-5.7E-07	-4.8E-06	-3.1E-07
WIN 2088	3.76E-05	1.26E-05	-3.3E-06	-2.4E-05	-1.3E-05	-2.3E-05	-8.3E-06	-5.2E-06	-5.6E-07	-4.7E-06	-3.1E-07
SPR 2089	3.7E-05	1.23E-05	-3.5E-06	-2.4E-05	-1.3E-05	-2.3E-05	-8.2E-06	-5.2E-06	-5.6E-07	-4.7E-06	-3E-07
SUM 2089	3.65E-05	1.22E-05	-3.7E-06	-2.5E-05	-1.3E-05	-2.3E-05	-8.1E-06	-5.1E-06	-5.5E-07	-4.7E-06	-3E-07
WIN 2089	3.59E-05	1.19E-05	-3.8E-06	-2.4E-05	-1.3E-05	-2.3E-05	-8.1E-06	-5.1E-06	-5.5E-07	-4.6E-06	-3E-07
SPR 2090	3.54E-05	1.18E-05	-3.8E-06	-2.4E-05	-1.3E-05	-2.2E-05	-8E-06	-5E-06	-5.4E-07	-4.6E-06	-2.9E-07
SUM 2090	3.49E-05	1.15E-05	-4.1E-06	-2.4E-05	-1.3E-05	-2.2E-05	-7.9E-06	-5E-06	-5.4E-07	-4.5E-06	-2.9E-07
WIN 2090	3.44E-05	1.14E-05	-4.3E-06	-2.5E-05	-1.3E-05	-2.2E-05	-7.9E-06	-4.9E-06	-5.3E-07	-4.5E-06	-2.8E-07
SPR 2091	3.39E-05	1.12E-05	-4.4E-06	-2.4E-05	-1.3E-05	-2.2E-05	-7.8E-06	-4.9E-06	-5.3E-07	-4.5E-06	-2.8E-07
SUM 2091	3.35E-05	1.1E-05	-4.5E-06	-2.5E-05	-1.3E-05	-2.2E-05	-7.7E-06	-4.9E-06	-5.3E-07	-4.4E-06	-2.8E-07
WIN 2091	3.31E-05	1.09E-05	-4.5E-06	-2.4E-05	-1.2E-05	-2.1E-05	-7.7E-06	-4.8E-06	-5.2E-07	-4.4E-06	-2.7E-07
SPR 2092	3.26E-05	1.08E-05	-4.6E-06	-2.5E-05	-1.2E-05	-2.1E-05	-7.6E-06	-4.8E-06	-5.2E-07	-4.3E-06	-2.7E-07
SUM 2092	3.22E-05	1.06E-05	-4.5E-06	-2.4E-05	-1.2E-05	-2.1E-05	-7.5E-06	-4.7E-06	-5.1E-07	-4.3E-06	-2.6E-07
WIN 2092	3.18E-05	1.03E-05	-4.7E-06	-2.5E-05	-1.2E-05	-2.1E-05	-7.5E-06	-4.7E-06	-5.1E-07	-4.3E-06	-2.6E-07
SPR 2093	3.14E-05	1.01E-05	-4.8E-06	-2.4E-05	-1.2E-05	-2.1E-05	-7.4E-06	-4.6E-06	-5E-07	-4.2E-06	-2.6E-07
SUM 2093	3.09E-05	1E-05	-4.9E-06	-2.4E-05	-1.2E-05	-2.1E-05	-7.3E-06	-4.6E-06	-5E-07	-4.2E-06	-2.5E-07
WIN 2093	3.06E-05	9.9E-06	-4.9E-06	-2.4E-05	-1.2E-05	-2E-05	-7.3E-06	-4.6E-06	-5E-07	-4.2E-06	-2.5E-07
SPR 2094	3.02E-05	9.74E-06	-4.9E-06	-2.4E-05	-1.2E-05	-2E-05	-7.2E-06	-4.5E-06	-4.9E-07	-4.1E-06	-2.5E-07
SUM 2094	2.98E-05	9.59E-06	-4.9E-06	-2.4E-05	-1.2E-05	-2E-05	-7.2E-06	-4.5E-06	-4.9E-07	-4.1E-06	-2.4E-07
WIN 2094	2.94E-05	9.47E-06	-5.1E-06	-2.4E-05	-1.2E-05	-2E-05	-7.1E-06	-4.5E-06	-4.8E-07	-4.1E-06	-2.4E-07
SPR 2095	2.91E-05	9.37E-06	-5.2E-06	-2.4E-05	-1.1E-05	-2E-05	-7E-06	-4.4E-06	-4.8E-07	-4E-06	-2.4E-07
SUM 2095	2.87E-05	9.22E-06	-5.4E-06	-2.5E-05	-1.1E-05	-2E-05	-7E-06	-4.4E-06	-4.7E-07	-4E-06	-2.4E-07
WIN 2095	2.84E-05	9.09E-06	-5.2E-06	-2.5E-05	-1.1E-05	-1.9E-05	-6.9E-06	-4.3E-06	-4.7E-07	-4E-06	-2.3E-07
SPR 2096	2.8E-05	8.97E-06	-5E-06	-2.4E-05	-1.1E-05	-1.9E-05	-6.9E-06	-4.3E-06	-4.7E-07	-3.9E-06	-2.3E-07
SUM 2096	2.77E-05	8.82E-06	-5E-06	-2.4E-05	-1.1E-05	-1.9E-05	-6.8E-06	-4.3E-06	-4.6E-07	-3.9E-06	-2.3E-07
WIN 2096	2.75E-05	8.73E-06	-5.3E-06	-2.3E-05	-1.1E-05	-1.9E-05	-6.7E-06	-4.2E-06	-4.6E-07	-3.9E-06	-2.2E-07
SPR 2097	2.71E-05	8.61E-06	-5.5E-06	-2.3E-05	-1.1E-05	-1.9E-05	-6.7E-06	-4.2E-06	-4.6E-07	-3.8E-06	-2.2E-07
SUM 2097	2.68E-05	8.49E-06	-5.4E-06	-2.3E-05	-1.1E-05	-1.9E-05	-6.6E-06	-4.2E-06	-4.5E-07	-3.8E-06	-2.2E-07
WIN 2097	2.65E-05	8.39E-06	-5.1E-06	-2.3E-05	-1.1E-05	-1.8E-05	-6.6E-06	-4.1E-06	-4.5E-07	-3.8E-06	-2.1E-07
SPR 2098	2.62E-05	8.31E-06	-5.2E-06	-2.3E-05	-1.1E-05	-1.8E-05	-6.5E-06	-4.1E-06	-4.4E-07	-3.7E-06	-2.1E-07
SUM 2098	2.59E-05	8.23E-06	-5.3E-06	-2.3E-05	-1.1E-05	-1.8E-05	-6.5E-06	-4.1E-06	-4.4E-07	-3.7E-06	-2.1E-07
WIN 2098	2.56E-05	8.05E-06	-5.4E-06	-2.3E-05	-1E-05	-1.8E-05	-6.4E-06	-4E-06	-4.4E-07	-3.7E-06	-2.1E-07
SPR 2099	2.54E-05	7.94E-06	-5.5E-06	-2.3E-05	-1E-05	-1.8E-05	-6.4E-06	-4E-06	-4.3E-07	-3.6E-06	-2E-07

SUM 2099	2.51E-05	7.85E-06	-5.5E-06	-2.3E-05	-1E-05	-1.8E-05	-6.3E-06	-4E-06	-4.3E-07	-3.6E-06	-2E-07
WIN 2099	2.49E-05	7.82E-06	-5.5E-06	-2.3E-05	-1E-05	-1.8E-05	-6.3E-06	-3.9E-06	-4.3E-07	-3.6E-06	-2E-07
SPR 2100	2.46E-05	7.75E-06	-5.5E-06	-2.4E-05	-1E-05	-1.7E-05	-6.2E-06	-3.9E-06	-4.2E-07	-3.6E-06	-2E-07
SUM 2100	2.44E-05	7.68E-06	-5.5E-06	-2.4E-05	-1E-05	-1.7E-05	-6.2E-06	-3.9E-06	-4.2E-07	-3.5E-06	-1.9E-07
WIN 2100	2.41E-05	7.57E-06	-5.5E-06	-2.3E-05	-9.9E-06	-1.7E-05	-6.1E-06	-3.8E-06	-4.2E-07	-3.5E-06	-1.9E-07
SPR 2101	2.38E-05	7.47E-06	-5.4E-06	-2.3E-05	-9.8E-06	-1.7E-05	-6.1E-06	-3.8E-06	-4.1E-07	-3.5E-06	-1.9E-07
SUM 2101	2.36E-05	7.38E-06	-5.3E-06	-2.2E-05	-9.8E-06	-1.7E-05	-6E-06	-3.8E-06	-4.1E-07	-3.4E-06	-1.9E-07
WIN 2101	2.34E-05	7.29E-06	-5.4E-06	-2.2E-05	-9.7E-06	-1.7E-05	-6E-06	-3.7E-06	-4.1E-07	-3.4E-06	-1.9E-07
SPR 2102	2.31E-05	7.22E-06	-5.3E-06	-2.3E-05	-9.6E-06	-1.7E-05	-5.9E-06	-3.7E-06	-4E-07	-3.4E-06	-1.8E-07
SUM 2102	2.29E-05	7.09E-06	-5.2E-06	-2.3E-05	-9.5E-06	-1.6E-05	-5.9E-06	-3.7E-06	-4E-07	-3.4E-06	-1.8E-07
WIN 2102	2.27E-05	6.98E-06	-5.3E-06	-2.3E-05	-9.4E-06	-1.6E-05	-5.8E-06	-3.6E-06	-3.9E-07	-3.3E-06	-1.8E-07
SPR 2103	2.25E-05	6.87E-06	-5.1E-06	-2.2E-05	-9.4E-06	-1.6E-05	-5.8E-06	-3.6E-06	-3.9E-07	-3.3E-06	-1.8E-07
SUM 2103	2.22E-05	6.83E-06	-5.4E-06	-2.2E-05	-9.3E-06	-1.6E-05	-5.7E-06	-3.6E-06	-3.9E-07	-3.3E-06	-1.7E-07

	Ashton to Rex	Heise to Sh	Shelley to Inr	Blickfitt to Neeley to DWB	Dev. Wbl. Buhl to Ksp	Kspr to Ma	Malad	Malad to B
period	Asht to Rex	Heise to Sh	Shelley to Inr	Blickfitt to Neeley to DWB	Dev. Wbl. Buhl to Ksp	Kspr to Ma	Malad	Malad to B
WIN 1953	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1954	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1954	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1954	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1955	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1955	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1955	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1956	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1956	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1956	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1957	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1957	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1957	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1958	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1958	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1958	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1959	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1959	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1959	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1960	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1960	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1960	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1961	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1961	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1961	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1962	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1962	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1962	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1963	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1963	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1963	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1964	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1964	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1964	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1965	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1965	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1965	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1966	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1966	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1966	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1967	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1967	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 1967	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 1968	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 1968	1.00							

[illegible]

[illegible]

SUM 2015	1.04	1.27	1.08	0.75	0.98	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2015	1.08	1.41	1.11	0.71	0.96	1.00	1.00	1.00	1.00	1.00	99.9%
SPR 2016	1.11	1.42	1.07	0.85	0.95	1.00	1.00	1.00	1.00	1.00	99.7%
SUM 2016	1.12	1.35	1.06	0.93	0.95	0.99	0.99	0.99	0.99	0.99	99.5%
WIN 2016	1.11	1.28	1.05	0.98	0.96	0.99	0.99	0.99	0.99	0.99	99.2%
SPR 2017	1.10	1.21	1.04	1.00	0.96	0.99	0.99	0.99	0.99	0.99	99.0%
SUM 2017	1.09	1.16	1.03	1.01	0.96	0.98	0.98	0.99	0.99	0.99	98.7%
WIN 2017	1.08	1.12	1.03	1.01	0.97	0.98	0.98	0.98	0.98	0.98	98.5%
SPR 2018	1.07	1.09	1.02	1.01	0.97	0.98	0.98	0.98	0.98	0.98	98.3%
SUM 2018	1.07	1.07	1.02	1.01	0.97	0.98	0.98	0.98	0.98	0.98	98.2%
WIN 2018	1.06	1.06	1.02	1.01	0.97	0.98	0.98	0.98	0.98	0.98	98.1%
SPR 2019	1.06	1.05	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.0%
SUM 2019	1.05	1.04	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.0%
WIN 2019	1.05	1.04	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.0%
SPR 2020	1.04	1.03	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.1%
SUM 2020	1.04	1.03	1.01	1.01	0.98	0.98	0.98	0.98	0.98	0.98	98.1%
WIN 2020	1.04	1.02	1.01	1.01	0.99	0.98	0.98	0.98	0.98	0.98	98.2%
SPR 2021	1.04	1.02	1.01	1.01	0.99	0.98	0.98	0.98	0.98	0.98	98.3%
SUM 2021	1.04	1.02	1.01	1.01	0.99	0.98	0.98	0.98	0.98	0.98	98.3%
WIN 2021	1.03	1.02	1.01	1.00	0.99	0.98	0.98	0.98	0.98	0.98	98.4%
SPR 2022	1.03	1.02	1.00	1.00	0.99	0.98	0.98	0.98	0.98	0.98	98.5%
SUM 2022	1.03	1.02	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.98	98.6%
WIN 2022	1.03	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.6%
SPR 2023	1.03	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.7%
SUM 2023	1.03	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.8%
WIN 2023	1.03	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.8%
SPR 2024	1.02	1.01	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	98.9%
SUM 2024	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	98.9%
WIN 2024	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.0%
SPR 2025	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.1%
SUM 2025	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.1%
WIN 2025	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.2%
SPR 2026	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.2%
SUM 2026	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.2%
WIN 2026	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.3%
SPR 2027	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.3%
SUM 2027	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.3%
WIN 2027	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.4%
SPR 2028	1.02	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.4%
SUM 2028	1.01	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.4%
WIN 2028	1.01	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.5%
SPR 2029	1.01	1.01	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	99.5%
SUM 2029	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.5%
WIN 2029	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.5%
SPR 2030	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
SUM 2030	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
WIN 2030	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
SPR 2031	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
SUM 2031	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
WIN 2031	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.6%
SPR 2032	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SUM 2032	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
WIN 2032	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SPR 2033	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SUM 2033	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
WIN 2033	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SPR 2034	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SUM 2034	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
WIN 2034	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.7%
SPR 2035	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.8%
SUM 2035	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.8%
WIN 2035	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.8%
SPR 2036	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	99.8%

[illegible]

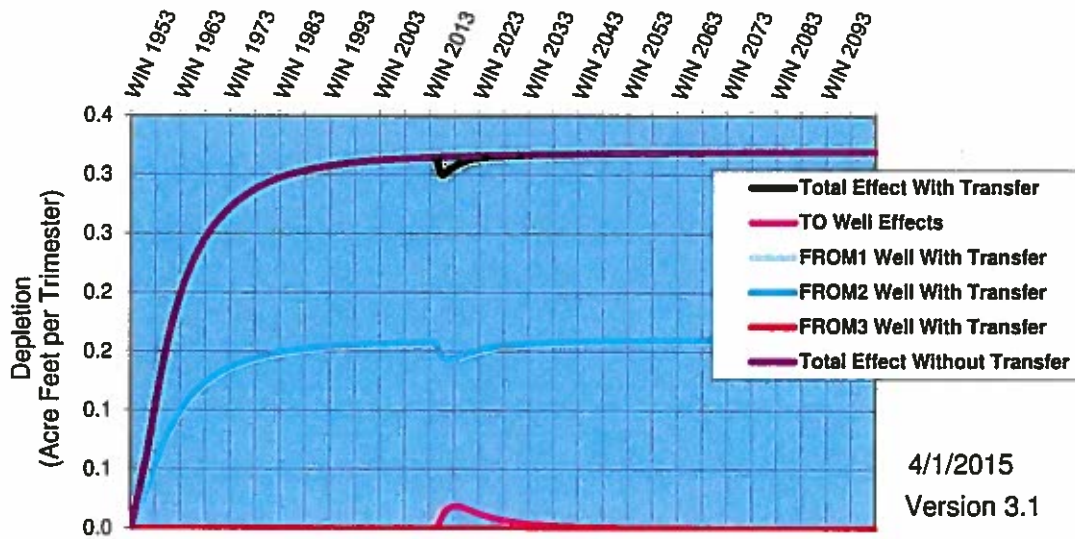
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[illegible]

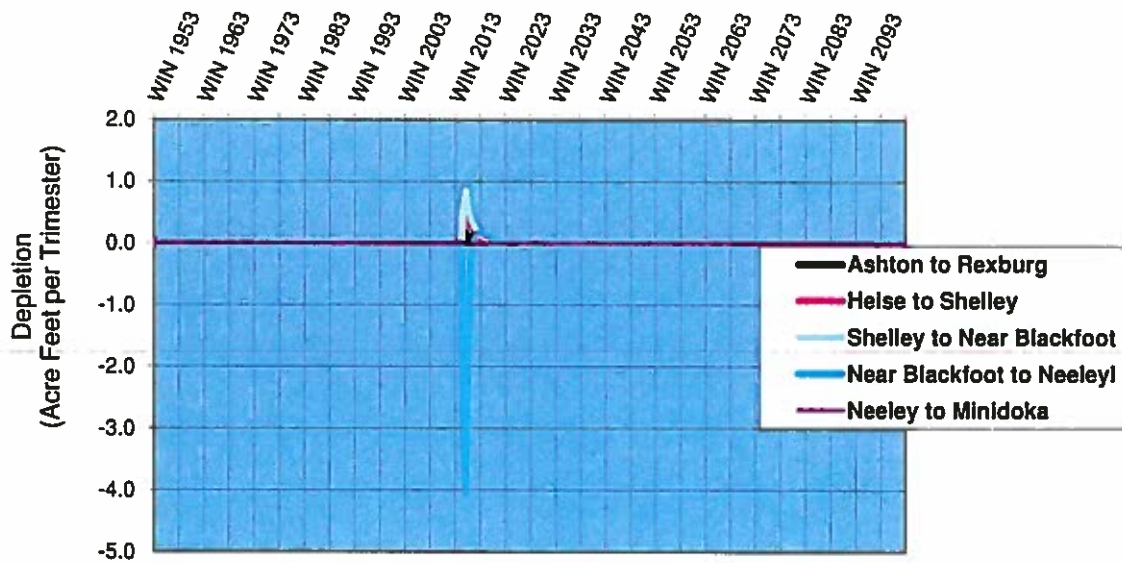
[illegible]

ATTACHMENT 3G.4
Water Modeling – Calculated
Effects

Hydrologic Response-- Neeley to Minidoka
Customer Name: South Int. Transfer No:



Net Transfer Effect Above Milner
(Total Effect With Transfer - Total Effect Without Transfer)



Customer Name: South Int.

Transfer No:

4/1/2015
 Version 3.1

SPR 2015

185

456

0.92
0.82

3.78

0.32
0.320.08
0.08
0.08

0.07

4.59

**Without
Ethics Tr**

Start

0.92
1.03

13.76
13.810.32
0.320.08
0.08

0.07

4.59
8.14

with Tr

from

Toll

replier0.00
0.10

0.00
0.14

0.00
0.000.00
0.0000.00
00.00

ATTACHMENT 3G.5
Water Modeling – Mitigation
Analysis

Enter Information for First Transfer Here

WR No.	Div. Rate (GFS)	Con. Vol. (AFA)	No. of Ir. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
Transfer 1: Input Water Right Conditions Prior to Transfer							

Transfer 1: Input Water Right Conditions Following Transfer

0	0	0	0	1/10/1900	0	0	0.0
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Steady State Analysis

Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2 AFT:	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	3.8%	4.8%	31.8%	58.0%	1.3%	0.5%	0.3%
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of Historical:	11.2%	41.8%	10.7%	1.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2.01 AFT:	0.1	0.5	0.8	0.1	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.1	0.5	0.8	0.1	0.0	0.0	0.0

Impact by Reach (AF/Trimester)

Ashton to Flexburg	Heise to Shelley	Shelley to Neeley	Nr Bkct'd to Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr to Malad	Malad to Bancroft
0.92	1.14	7.83	13.78	0.32	0.32	0.12	0.01	0.07
0.92	1.14	7.83	13.78	0.32	0.32	0.12	0.01	0.07
0.92	1.14	7.83	13.78	0.32	0.32	0.12	0.01	0.07
1.03	1.62	8.66	13.91	0.32	0.32	0.12	0.01	0.07
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8%	4.8%	31.8%	58.0%	1.3%	1.3%	0.5%	0.3%	0.3%
NO	NO	NO	NO	NO	NO	NO	NO	NO
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2%	41.8%	10.7%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.1	0.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0
NO	NO	NO	NO	NO	NO	NO	NO	NO
0.1	0.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0