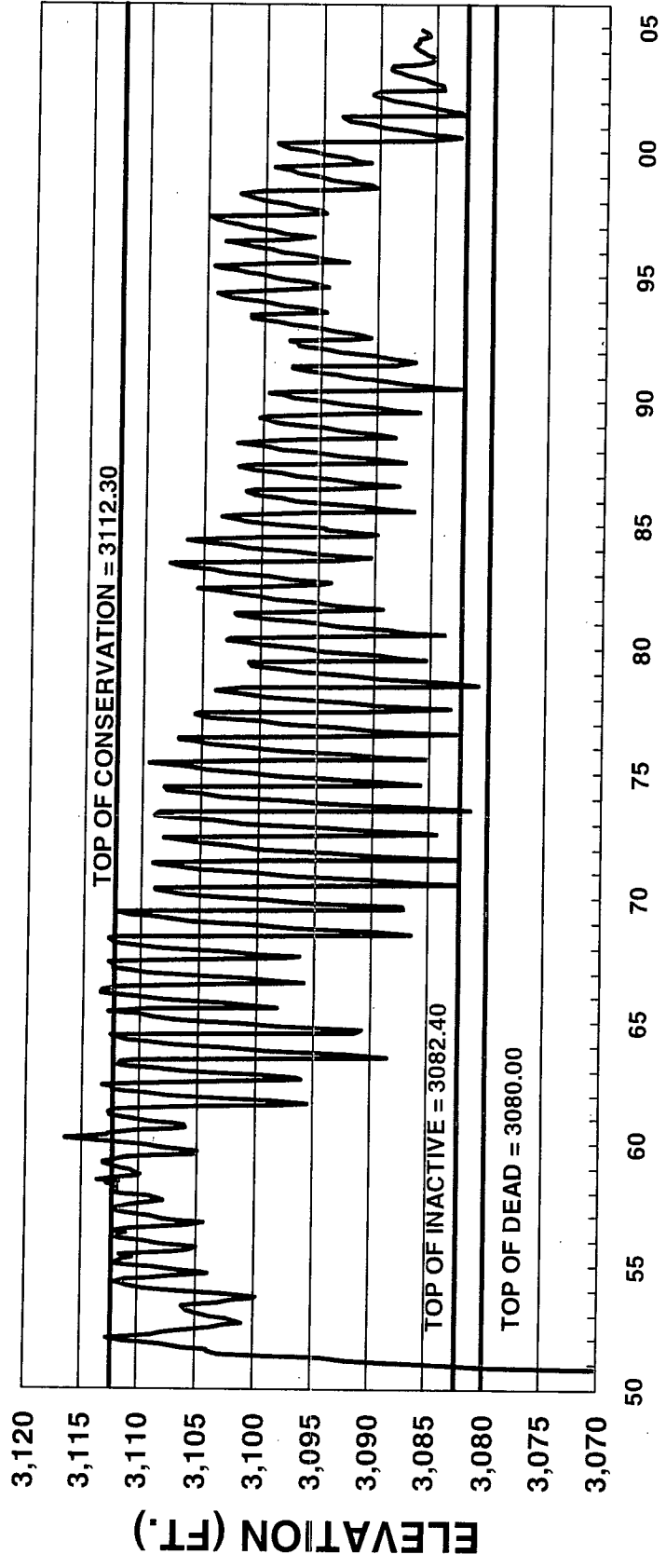


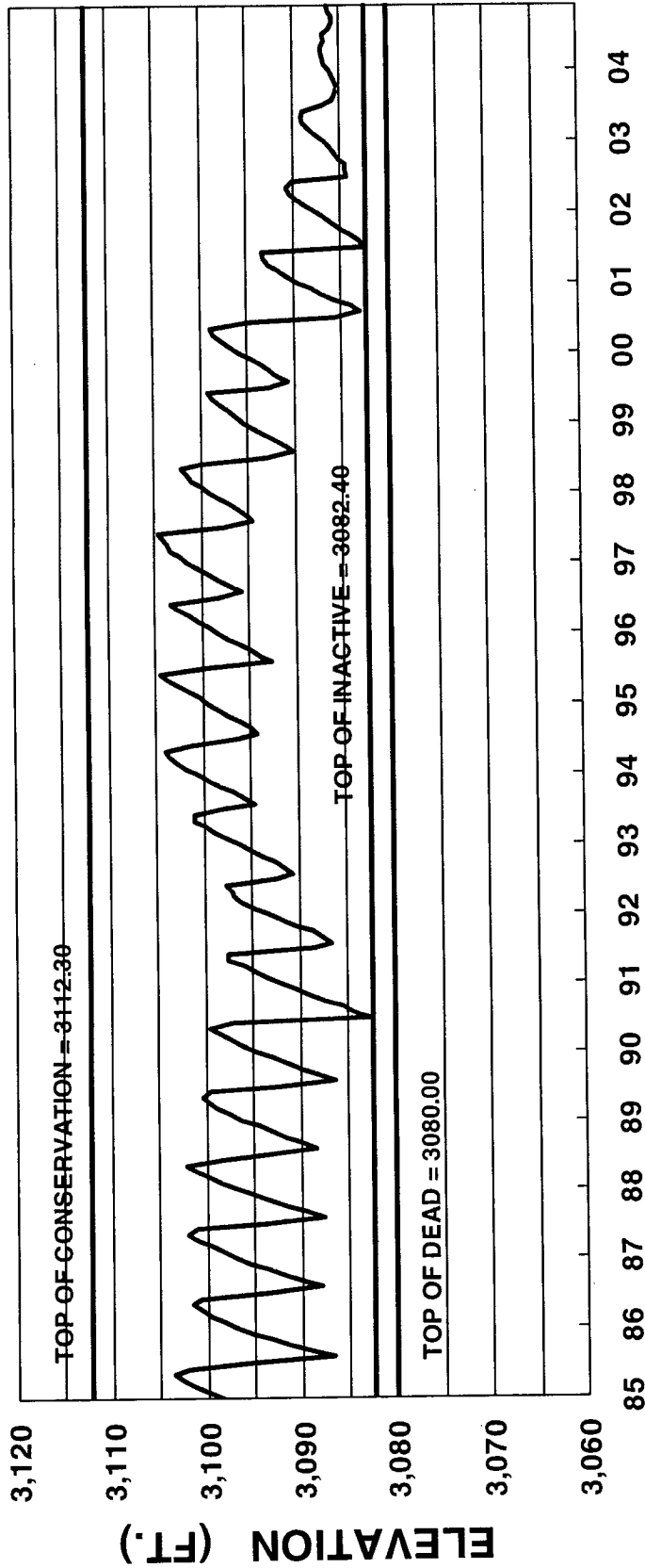
**ENDERS RESERVOIR  
END OF MONTH ELEVATION**



**OCT 1950 THROUGH DEC 2004**

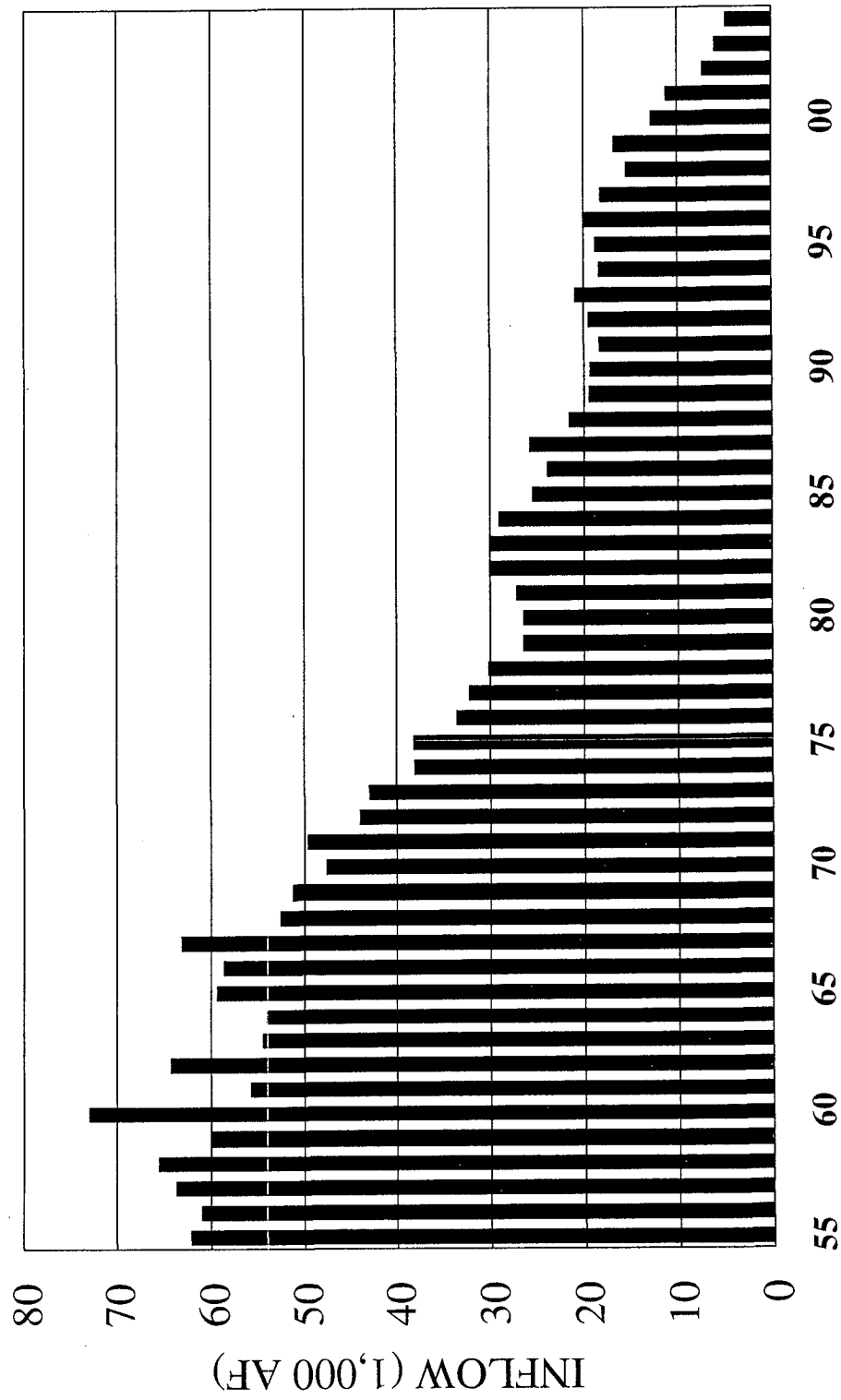
# ENDERS RESERVOIR

## 20 YEAR EOM LEVELS



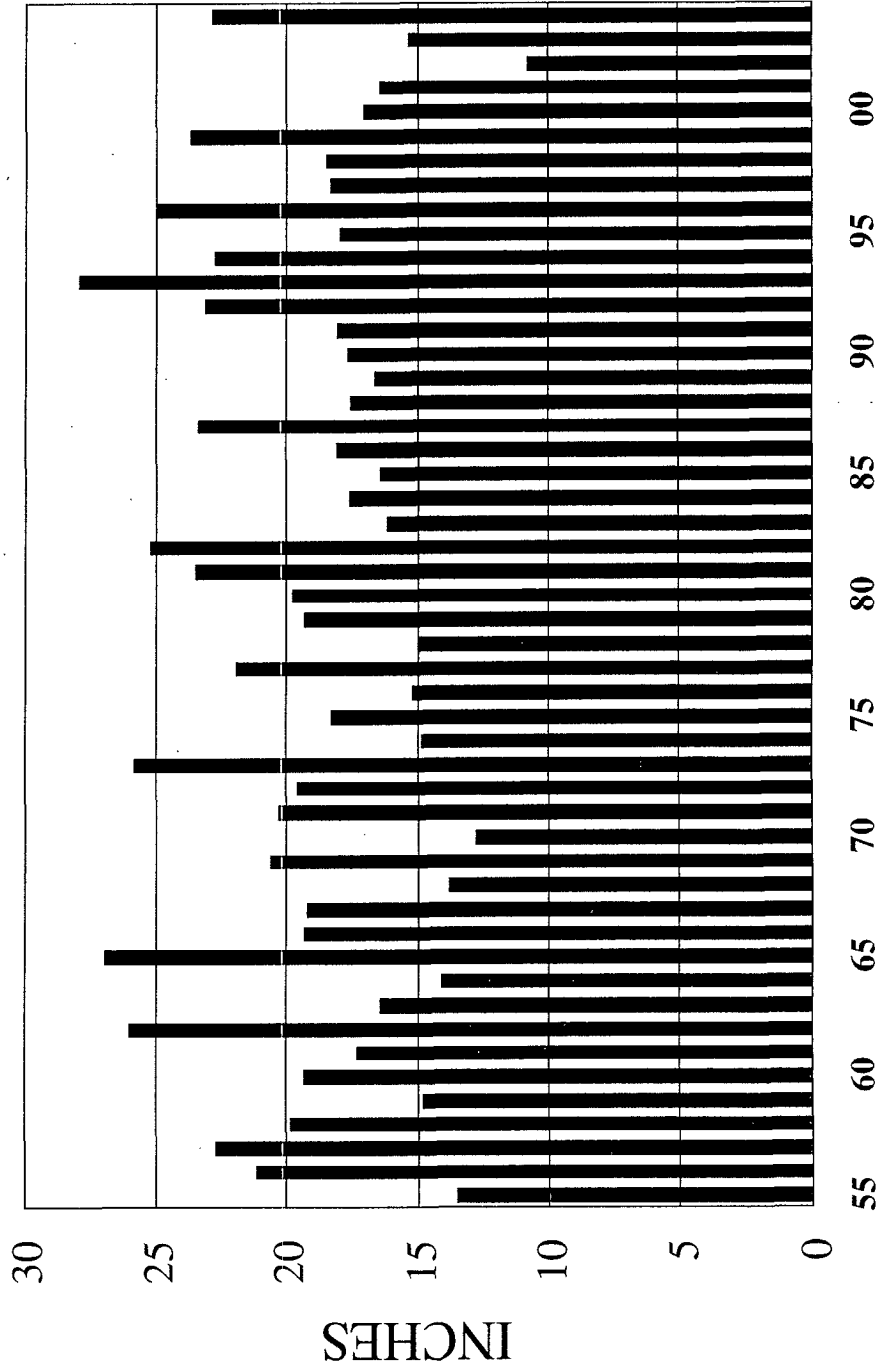
JAN 1985 - DEC 2004

# ENDERS RESERVOIR YEARLY HISTORICAL INFLOW



1955 THROUGH 2004

# ENDERS DAM YEARLY PRECIPITATION



1955 THROUGH 2004

# ENDERS RESERVOIR ALLOCATIONS

Dam Crest  
Elev. 3137.5

Maximum Surface or Top of Surcharge Elev. 3129.5 (79,161 Acre - Feet)

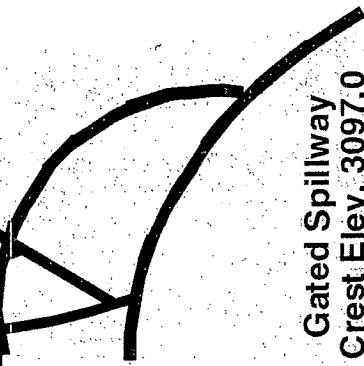
## SURCHARGE - 6,203 Acre - Feet

Top of Flood Control Elev. 3127.0 (72,958 Acre - Feet)

## EXCLUSIVE FLOOD CONTROL - 30,048 Acre - Feet

Ungated Spillway  
Notch Elev. 3112.3

Top of Active Conservation Elev. 3112.3 (42,910 Acre - Feet)



## Active Conservation - 33,962 Acre - Feet

Top of Inactive Conservation Elev. 3082.4 (8,948 Acre - Feet)

Inactive Conservation - 1,432 Acre - Feet

DEAD - 7,516 Acre - Feet

Streambed Elev. 3042.0

**Frenchman River – Natural Flow Water Rights**

Frenchman Valley Irrigation District	D-24R	130.86 cfs	05/16/1890	9160.4 ac
H & RW Irrigation District	A-3869AR	16.64 cfs	04/03/1946	1415.0 ac
H & RW Irrigation District	A-6214R	136.80 cfs	04/16/1954	9576.0 ac
H & RW Irrigation District	A-9697R	2.24 cfs	03/04/1959	157.0 ac
Frenchman Valley Irrigation District	A-9802R	1.89 cfs	03/17/1960	132.0 ac
H & RW Irrigation District	A-13016R	9.76 cfs	04/03/1946	683.0 ac
H & RW Irrigation District	A-14249R	.86 cfs	06/04/1976	60.0 ac
H & RW Irrigation District	A-15678R	.34 cfs	07/10/1980	24.0 ac
Riverside Irrigation Company, Inc.	D-10AR	.73 cfs	12/19/1893	51.1 ac
Riverside Irrigation Company, Inc.	D-18	4.16 cfs	07/28/1894	291.0 ac
Riverside Irrigation Company, Inc.	A-1674	2.71 cfs	07/03/1922	190.0 ac
Riverside Irrigation Company, Inc.	A-3477R	2.00 cfs	07/31/1941	140.0 ac

**Frenchman River – Storage Water Right**

Bureau of Reclamation	A-3899	44,079 AF	05/01/1946
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**Storage Use Water Rights**

Enders, Strunk, Harlan County, and Swanson Reservoirs

Bureau of Reclamation	A-6225HR	04/16/1954
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Covers flow rights A-3869AR

Bureau of Reclamation	A-6225HR	04/16/1954
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Covers flow rights A-6214R

Enders, Strunk, Harlan County, Swanson, and Hugh Butler Lake Reservoirs

Bureau of Reclamation	A-9782	12/16/1959
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Covers flow rights D-24-30, A-6214, A-9697, A-9802

Bureau of Reclamation	A-15839	04/18/1981
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Covers flow rights A-13016R, A-14249R, A-15678R

**Total Natural Flow Rights**

Frenchman Valley Irrigation District	132.75 cfs	9,292.4 acres
H & RW Irrigation District	164.40 cfs	11,915 acres
Riverside Irrigation Company	9.60 cfs	672.1 acres

POTENTIAL WATER POLICY LEGISLATION DRAFT STATE LEVEL IMPLEMENTATION BUDGET COMMITMENTS

Draft 9/29/05

BUDGET AND  
COMMITMENTS -  
FY 06 AND FY 07  
COMBINED

<b><u>NDNR Administration/Database Development/Preparation</u></b>	
3 NDNR Staff Positions and Office Overhead (Hydrologist, Lawyer, Water Administrator) (Also transferred one staff to coordinate IMPs)	\$400,000
<b><u>Additional DNR Equipment/Supplies, Travel, etc.</u></b>	
- Printer	
- Plotter	
- Computers and Software	
- Furniture	
- Extra Travel	
- Printing/Copying/Publishing/Postage	\$200,000
<b><u>Development of a Database for Integrated Management</u></b>	
- Development of Database Architecture	\$370,000
- Collection of the Data	
- Contract/Consultant for Improved DNR Recordkeeping Updating, Capability Enhancement	
a) Copy well registrations from microfilm to electronic media/scanning and scan & index NRD plans and documents	(\$15,000)
b) Have sw paper files coded, & electronic display (primarily coding) - Storing & displaying electronic images - Assist in coping, digitizing SW maps, processing SW applic	(\$240,000) S
c) Platte River Water Decision Support System	(\$55,000) S
d) IWIP Contract	(\$60,000)
e) Other	(?)
<b><u>Specialized Studies/Evaluation - General</u></b>	
<b>Studies/Work Activities by UNL</b>	<b>\$571,301</b>
- Consumptive Use Research	(\$8,000)
- Water conservation education package	(\$12,000) S
- FY05 Specific Yield and Transmissivity	(\$41,361)
- Provide econ info to assist in fully approp & other determinations	(?)
- Hydraulic Conductivity Specific Yield & Transmissivity Mapping & Index/ make electronic UNL well log, pump test & other datasets	(\$144,927)
- Aquifer-Stream Interaction in Upper Niobrara	(\$16,172)
- Box Butte County/Niobrara Regional Hydrologic Model	(\$66,189)
- CALMIT Land Use-Remainder of State	(\$282,652)
<b><u>Contracts for Technical Studies or Modeling</u></b>	
- Geotechnical Work - test holes, aquifer tests, etc.	(?)
- Local Specialized Study Funds	
- UNWNRD	
- Future COHYST Model Maintenance	(\$80,000)
- Future DNR COHYST Study	(\$60,000)
- Other	----
Loup-Elkhorn GW Model	(\$240,000)
- Alternate Supplies (Blue Basin Study)	(\$50,000) S
- 24 Stream Gages and record keeping	(\$130,000) S
<b><u>Planning and Implementation</u></b>	
- Staff to Assist NRDS	(?)
- Development of Technical Information for Joint Mgmt Plans (model runs, economic analyses, etc.)	(?)
- Frenchman Valley Study	(\$100,000) S
<b>SUBTOTAL - CONTRACTUAL / STAFF / ADMIN.</b>	<b>(\$2,201,301)</b>
<b><u>Assistance/Incentives for Implementation Plans</u></b>	
<b><u>Incentives/Payments</u></b>	
- Other Incentives	(\$398,699) S
- CREP Commitments	(\$5,000,000)
- Republican Pilot Project / Equip	(\$1,000,000)
<b>SUBTOTAL - INCENTIVES / ASSISTANCE</b>	<b>(\$6,398,699)</b>
<b><u>TOTAL</u></b>	<b>\$8,600,000</b>

\$1,100,000 in FY 05 Carryover is included in this budget

S=Soft Commitment

Note: This budget places all uncommitted funds in the "Other Incentives" category

X-Mailer: Novell GroupWise Internet Agent 6.5.3

Date: Fri, 02 Dec 2005 14:30:27 -0700

From: "Jack Wergin" <JWERGIN@gp.usbr.gov>

To: <sgaul@dnr.state.ne.us>,"Craig Scott" <CSCOTT@gp.usbr.gov>,  
"Jill Manring" <JMANRING@gp.usbr.gov>,  
"Michael Kube" <MKUBE@gp.usbr.gov>,  
"Marvin Swanda" <MSWANDA@gp.usbr.gov>,  
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<lhutch@ngpc.state.ne.us>, <ndwrcamb@swnebr.net>,  
<jasperfanning@urnrd.org>

Subject: Frenchman Valley Study - Dec. 7th - 10:00 CST

X-Spam-Checker-Version: SpamAssassin 3.0 (1.5) on server100.dnr.state.ne.us

X-Spam-Level: \*

X-Spam-Status: "No, hits=1.38 required=3.00

tests=BAYES\_20,VOWEL\_TOCC\_5,ALUSSINAN\_5,NO\_RDNS2 autolearn=Yes version=3.0"

The next meeting for the Frenchman Valley Plan of Study will be held Wednesday, Dec. 7th - 10:00 CST at the UNL West Central Research and Extension Center at North Platte. (located south of the North Platte exit, west of Highway 83).

If you are unable to attend, we can utilize our conference line. Please let me know if you cannot make and would like to call in.

Phone number 877-686-3190

Participant Number: 363511#

Hope to see you in North Platte

Jack