

FRENCHMAN-CAMBRIDGE IRRIGATION DISTRICT

Water Users Meeting
December 8, 2015 - 1:30 PM

Board of Directors:

Division #1 Jay Schilling - Vice President

Division #2 Dale Cramer - President

Division #3 Duane Vorderstrasse - Treasurer

Water is Life

2016 BUDGET PROPOSAL

Additional Expenditures

1. Includes funds to hire two additional ditch riders.
2. Replace two 4X4 pickup trucks
3. Replace one Backhoe
4. Purchase new trailer for Backhoe
5. 1.5% cost of living increase for employees.

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2016 BUDGET PROPOSAL

Income

Based on operating 3 canals and serving 90% of our permitted acres (41,026.5) with an allocation of water in 2016

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2015 WATER ADMINISTRATION

- December 2014
 - DNR issues final forecast and declares 2015 a “Compact Call Year”
 - Estimated Two-Year Total (2014/2015) = **(17,600) AF**
- January 1, 2015
 - DNR issues closing notices to all natural flow permits and storage permits.
(Including Reclamation Reservoirs)

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2015 WATER ADMINISTRATION

- March 6, 2015

- *Nebraska and Kansas signed one year agreement on how Nebraska will supply Kansas water for 2015 from Stream augmentation. (N-CORPE)*

- *Surface water permits previously closed will be reinstated effective February 26, 2015 and will not be closed prior to September 15th 2015.*

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2015 WATER ADMINISTRATION

Nebraska agrees to assign the 17,600 AF pumped from N-CORPE to a Kansas storage account in Harlan County Reservoir.

(No adjustment for transit lost)

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2016 WATER ADMINISTRATION

- 2016 has been declared a “Compact Call Year” by DNR

2015 Balance = (14,200) AF

2016 Forecast = (38,800) AF

Total Forecasted Compact Shortfall = (53,000)

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2016 WATER ADMINISTRATION

- November 24, 2016

Nebraska and Kansas signed a one year agreement to provide Kansas with 40,000 acre-feet in Harlan County by June 1, 2016

NRDs are obligated to provide 33,000 Acre-feet from N-CORPE!

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2016 WATER ADMINISTRATION

November 30, 2016

DNR- Order sent to Reclamation asking them to Store 100% of the inflow into Harlan County Reservoir for the State of Kansas.

DNR also closed Reclamation's storage use permits on Nebraska Bostwick acres during December.

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2015 /2016 BASIN FORECAST BY NRD

LRNRD 2 Year Balance = -11,500 AF

MRNRD 2 Year Balance = -10,200 AF

URNRD 2 Year Balance = -11,300 AF

Total = -33,000 AF

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STREAM AUGMENTATION

N-CORPE Pumping

2014 = 42,000 AF

2015 = 17,600 AF

2016 = 33,000 AF estimated

3 year Total = 92,000 AF

(Approximately 6 Acre-Feet per acre on 15,000 irrigated acres retired in Lincoln County at the head waters of Medicine Creek.)

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STREAM AUGMENTATION

Rock Creek Pumping

2013 = 15,000 AF

2014 = 21,000 AF

2015 0 AF

2016 0 AF *estimated*

Total.....36,000 AF

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STREAM AUGMENTATION

State of Colorado

(Colorado Compliance Pipeline or CCP)

2014..... 7,000 AF

2015.....11,500 AF

2016.....??

Total.....18,500 AF

(CCP is currently pumping)

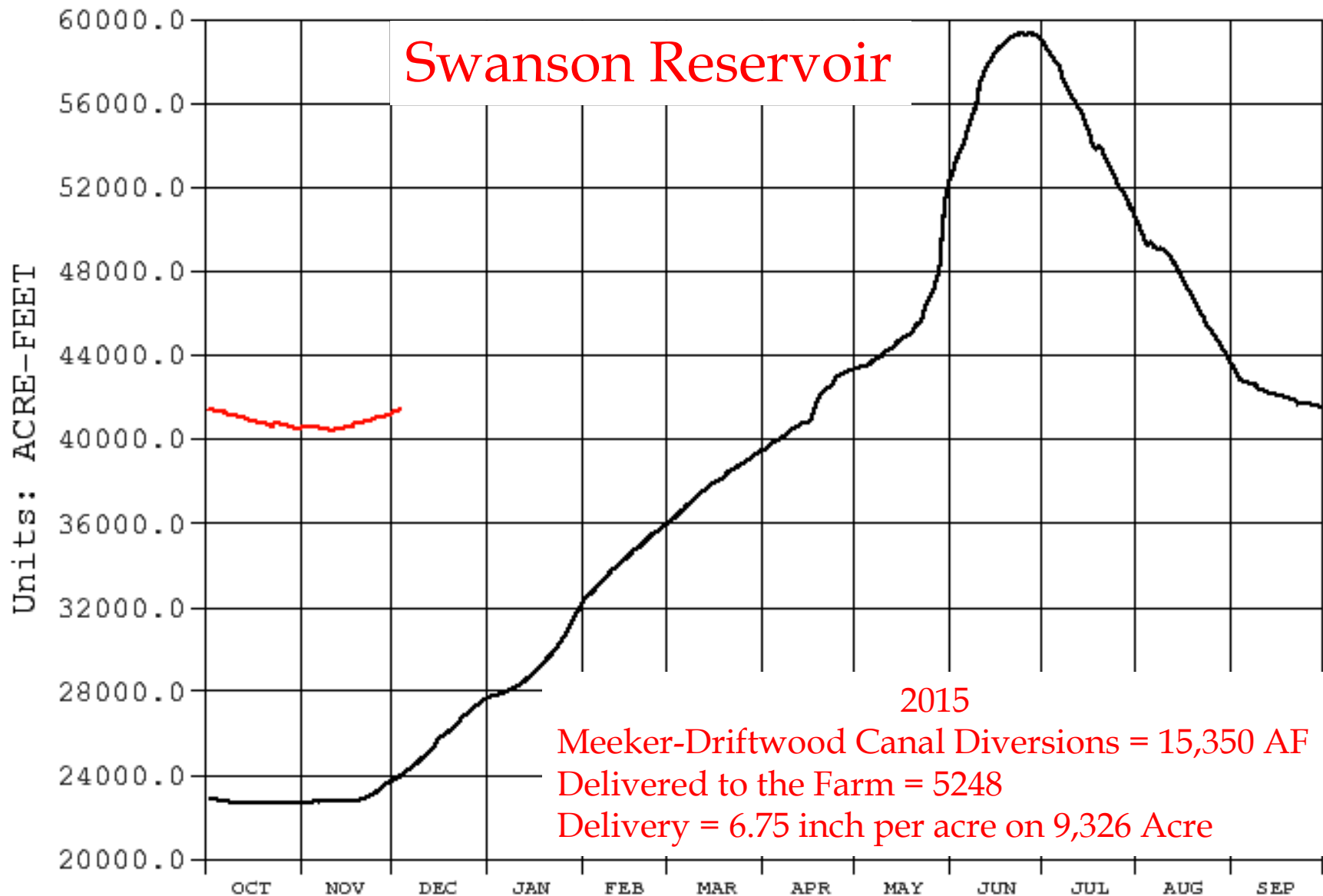
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Swanson Reservoirs 2016

	Elevation	Acre-Feet
Top of Irrigation Pool	2752.00	110,175
* FCID Contracted Shut Off Elevation/Content AF	2725.00	18,958
<i>FCID Contracted Irrigation Pool Capacity at 100% Full</i>	27.00	91,217
December 7, 2015 Elevation / Content in AF	2734.19	41,668
% of Full Capacity	37.8%	
Current 2016 Irrigation Supply	Feet	A.F.
	9.19	22,710
Monday, December 07, 2015	24.9%	

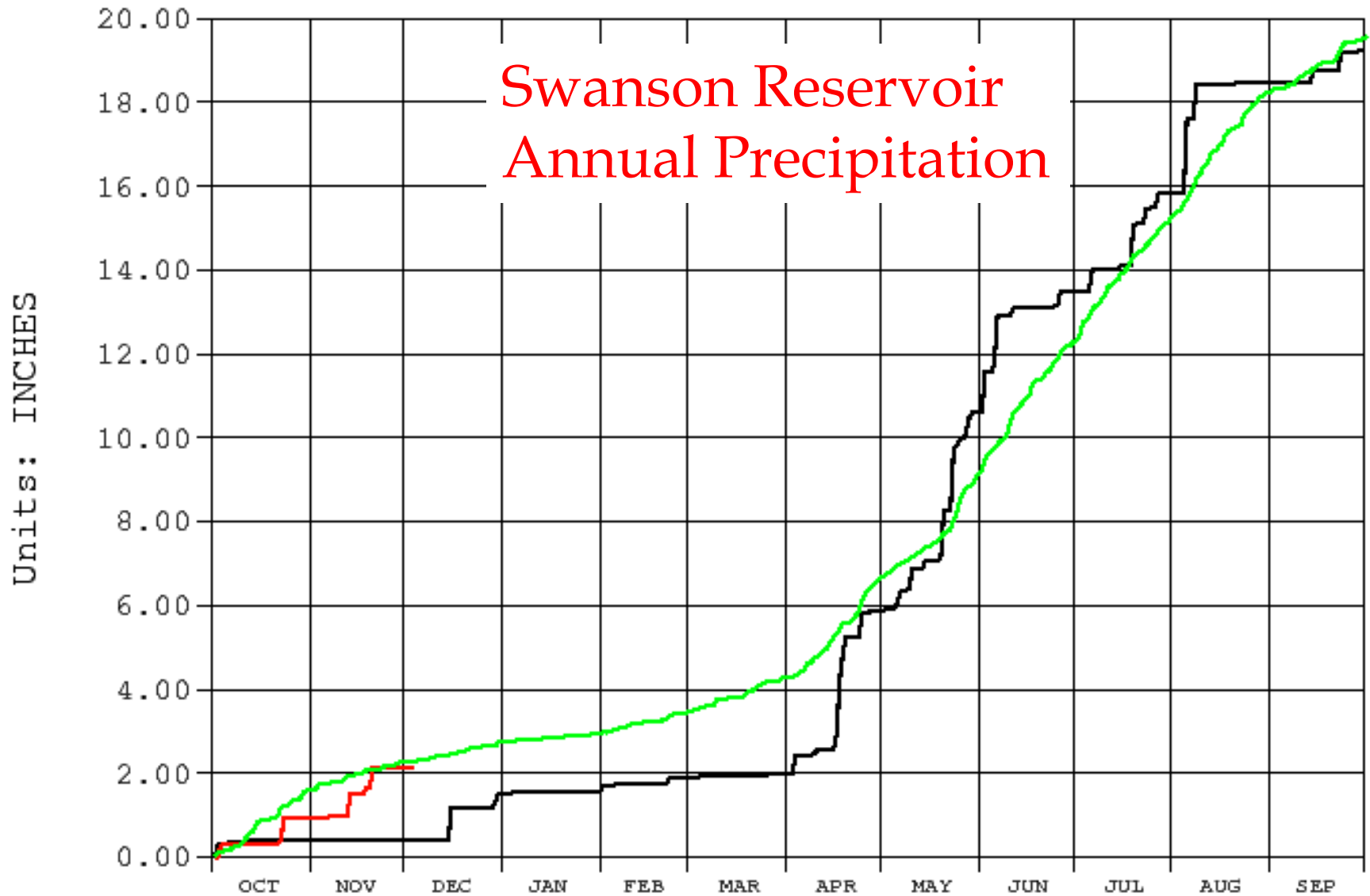
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Plotted 12/06/2015 19:01



TRNE Swanson Lake (Trenton Dam), NE

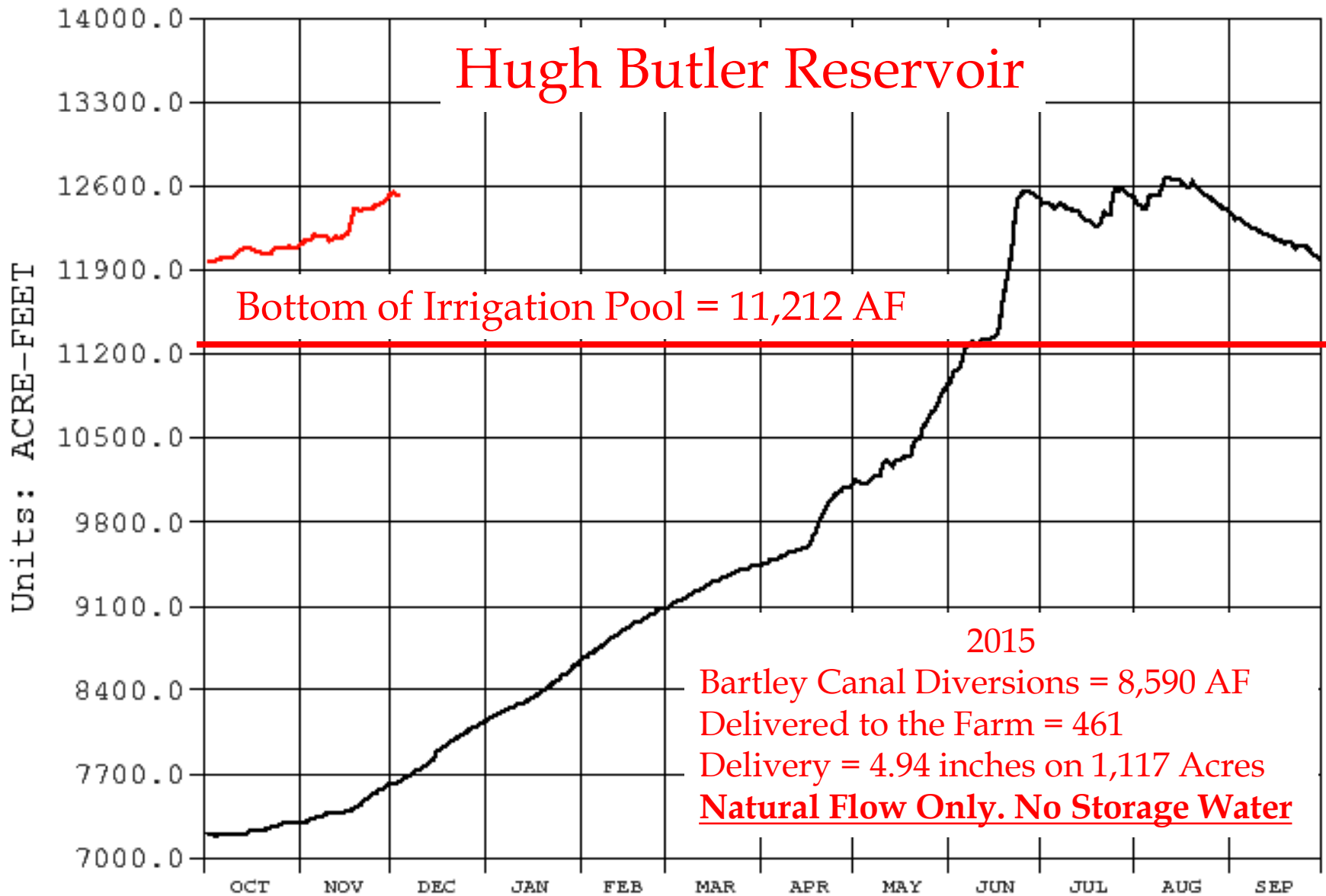
—	PP	Cumulative Total Precip. (inches)	2015	2016
—	PP	20yr avg Cumulative Total Precip. (inches)	2016	93.99%

Hugh Butler Reservoirs 2016

	Elevation	Acre-Feet
Top of Irrigation Pool	2581.80	36,224
* FCID Contracted Shut Off Elevation/Content AF	2561.00	11,212
<i>FCID Contracted Irrigation Pool Capacity at 100% Full</i>	20.80	25,012
December 7, 2015 Elevation / Content in AF	2562.63	12,579
% of Full Capacity	34.7%	
Current 2016 Irrigation Supply	Feet	A.F.
	1.63	1,367
Monday, December 07, 2015	5.5%	

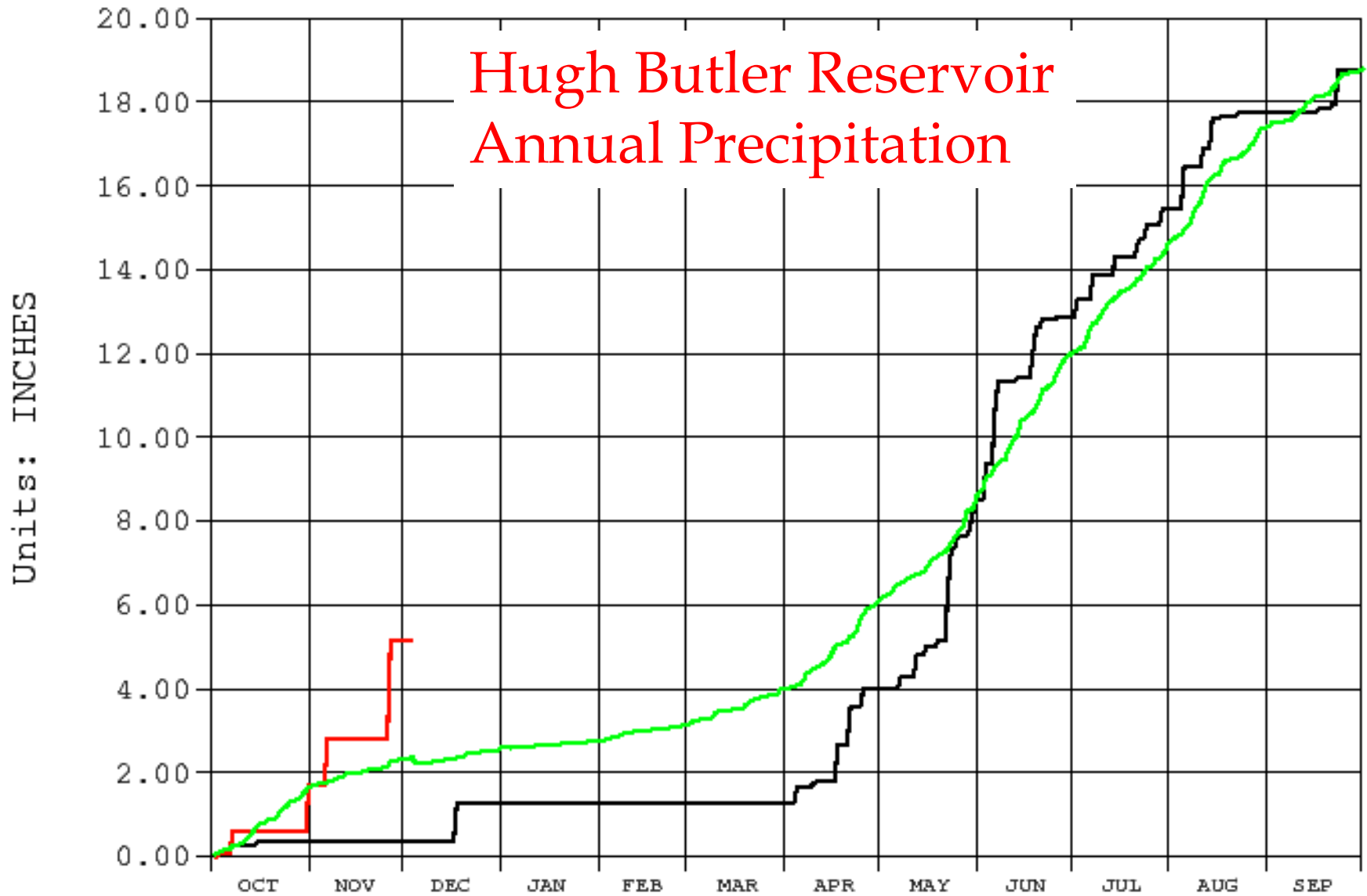
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HBNE Hugh Butler Lake (Red Willow Dam), NE

PP Cumulative Total Precip. (inches)

PP 20yr avg Cumulative Total Precip. (inches)

2015 2016

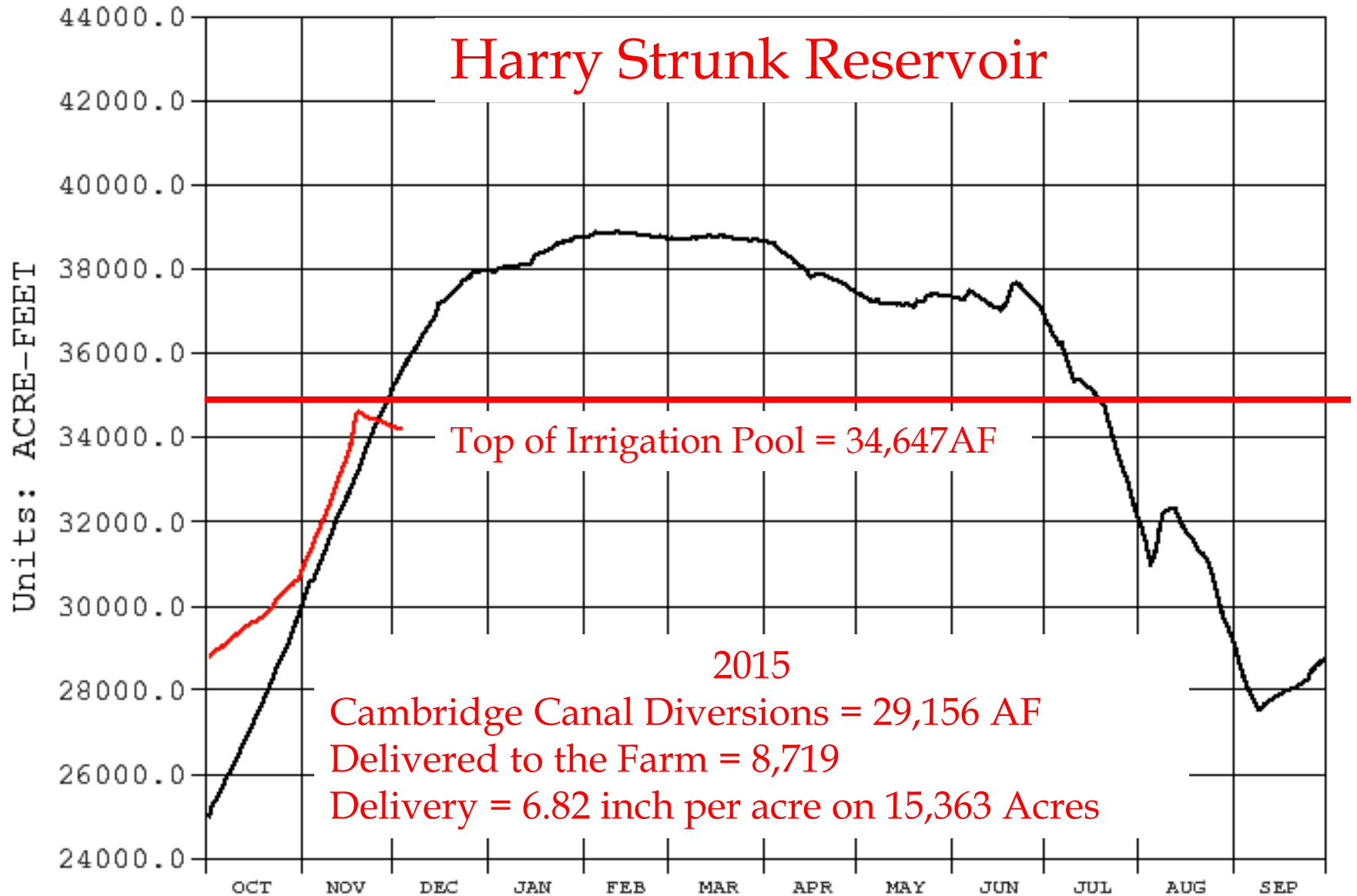
2016 219.178

Harry Strunk Reservoirs 2016

	Elevation	Acre-Feet
Top of Irrigation Pool	2366.10	34,647
* FCID Contracted Shut Off Elevation/Content AF	2343.00	7,897
<i>FCID Contracted Irrigation Pool Capacity at 100% Full</i>	23.10	26,750
December 7, 2015 Elevation / Content in AF	2365.81	34,117
% of Full Capacity	98.5%	
Current 2016 Irrigation Supply	Feet	A.F.
	22.81	26,220
Monday, December 07, 2015	98.0%	

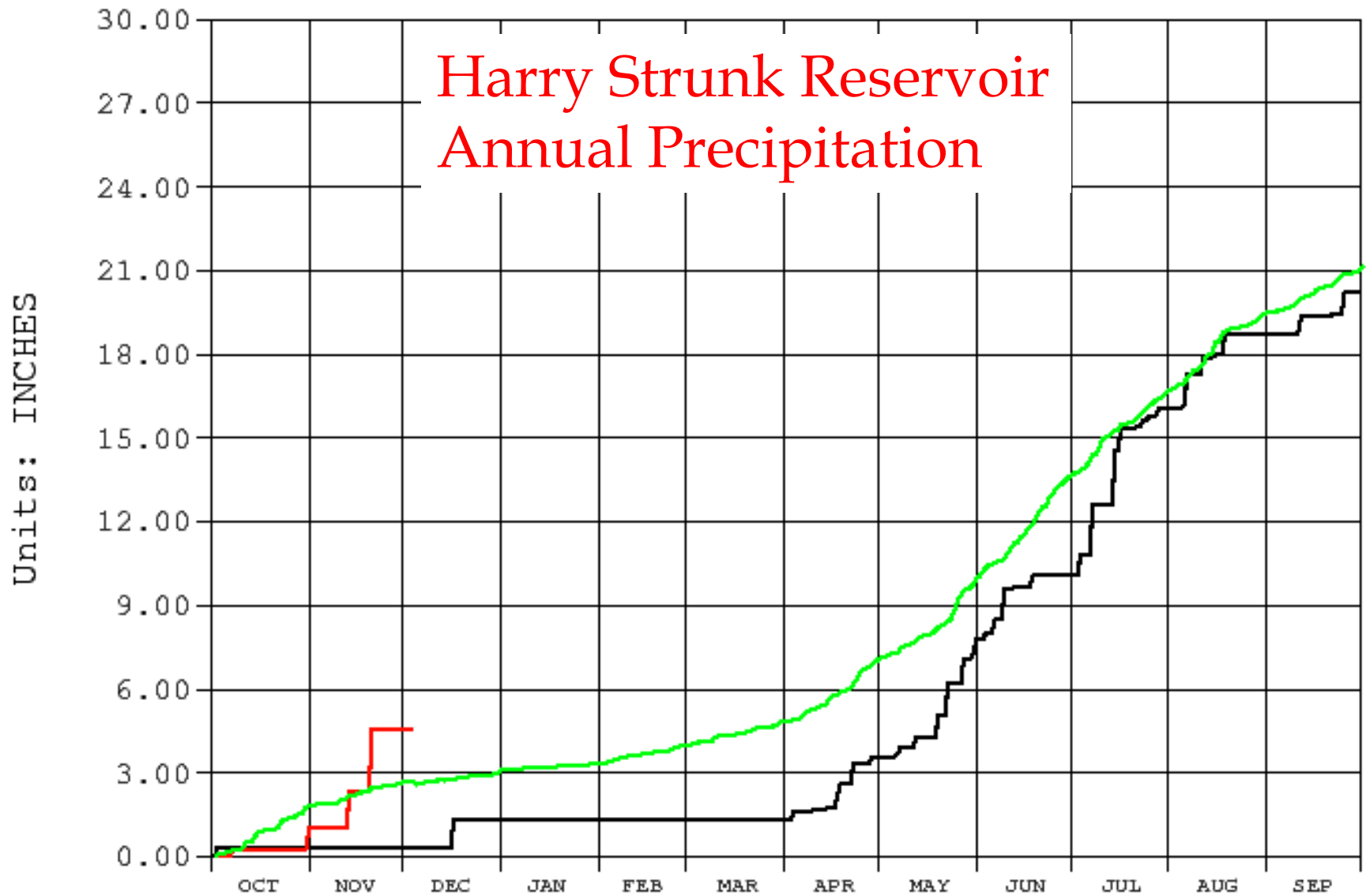
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HSNE Harry Strunk Lake (Medicine Creek), NE
— PP Cumulative Total Precip. (inches)
— PP 20yr avg Cumulative Total Precip. (inches)

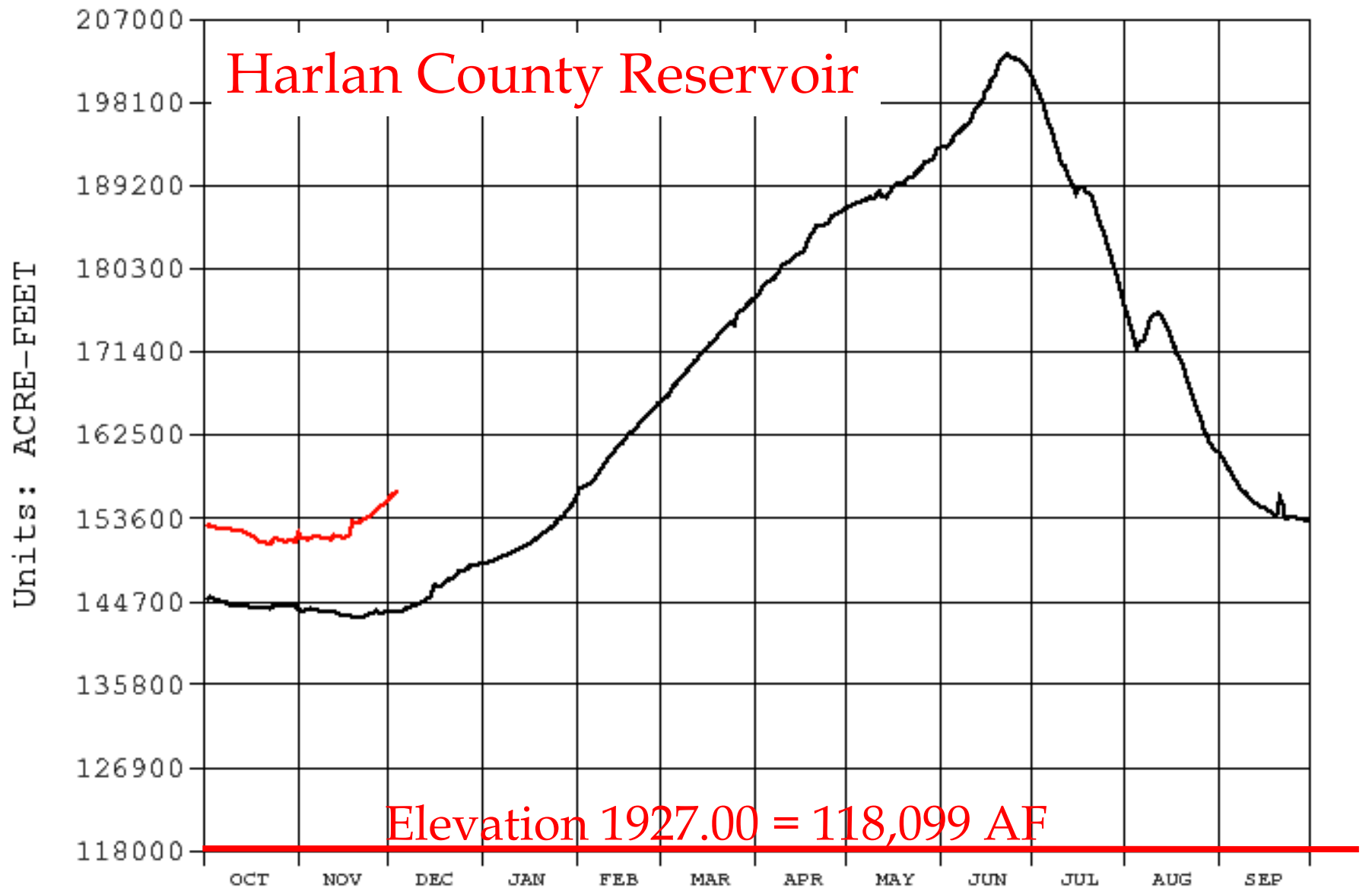
2015 2016
2016 169.14%

2015 FCID Summary

Acres Irrigated During 2015.....	25,806
Water Diverted	53,096 AF
Water Delivered to the Farm	14,428 AF
Inch Per Acre Applied.....	6.71 inch
Change in Storage June 5 to Sept 18	
Total of 3 Reservoirs	(20,614 AF)

Archive Data From 1 OCT Through 30 SEP

Plotted 12/06/2015 19:10

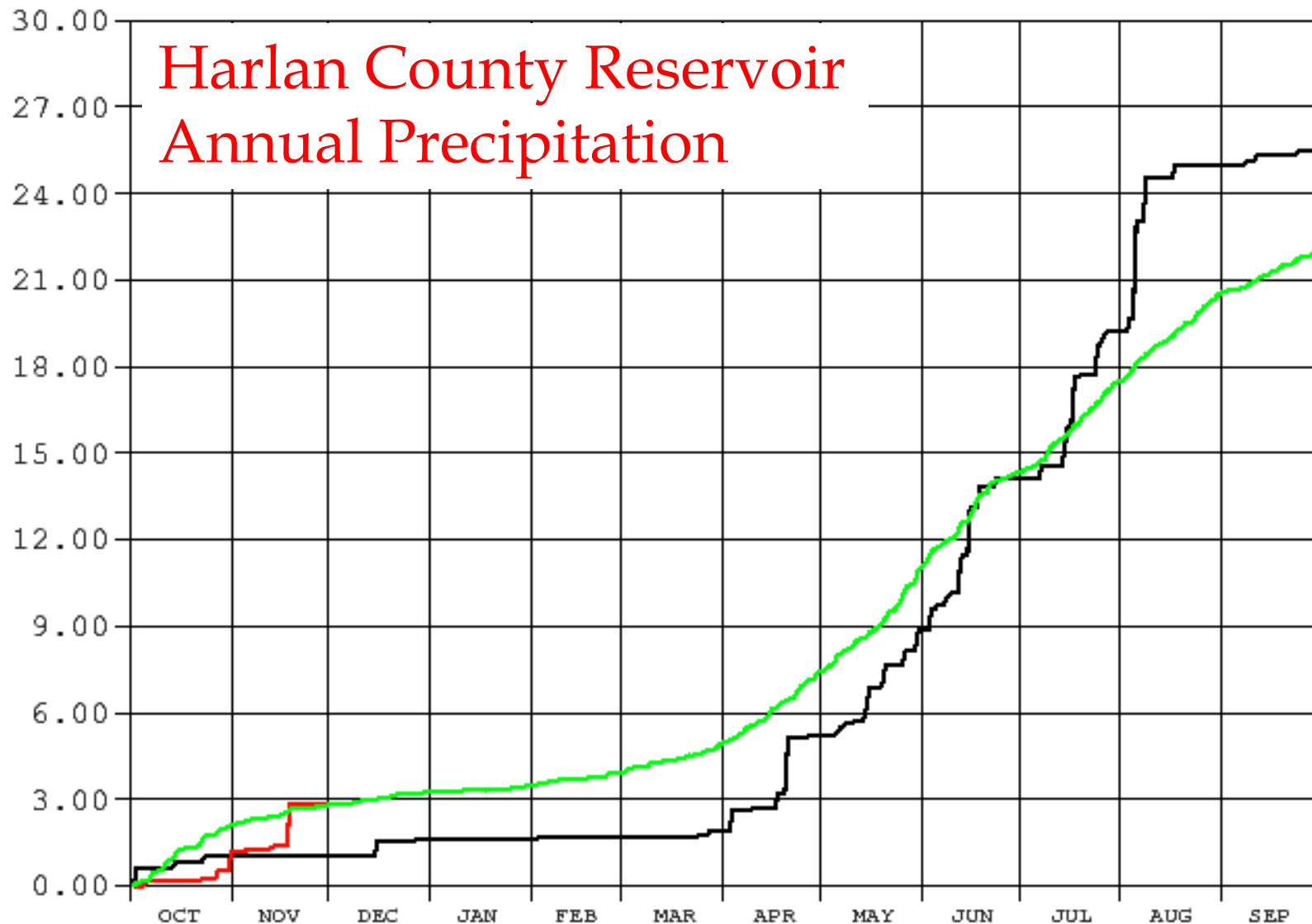


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Harlan County Reservoir Annual Precipitation

Units: INCHES



HCNE Harlan County Dam, NE
— PP Cumulative Total Precip. (inches) 2015 2016
— PP 20yr avg Cumulative Total Precip. (inches) 2016 99.54%

FCID 2016 WATER SUPPLY

Based on the current Reservoir contents:

Meeker-Driftwood Canal = January Announcement

(Will depend on January Surface Water Administration by DNR)

Red Willow Canal = 0 inches per acre.

Bartley Canal = January Announcement

(Will depend on January Surface Water Administration by DNR)

Cambridge Canal = 8 inches per acre

Note: Reclamation will make a final estimate to the Board of Directors by January 15, 2015

FCID 2016 WATER SUPPLY

The water toll for 2016 is:

\$5.00 per acre for every permitted Acre
(45,669 Acres)

Plus \$49.50 per Acre-foot allocated
(*\$4.125 per inch*)

PROPOSED IMP MODIFICATIONS

Nebraska told the U.S. Supreme Court that it would reduce groundwater pumping by 25% of the baseline by 2015.

2 of the 3 NRDs did not achieve that requirement by the end of 2015.

All 3 Natural Resource Districts recently held hearings on proposed changes to the IMPs.

One change is to reduce the 25% reduction currently required to 20% reduction.

PROPOSED IMP MODIFICATIONS

Frenchman Cambridge and the United States Bureau of Reclamation provided testimony at all three hearings in opposition to these changes.

The NRDs will vote on adopting these changes at their January board meeting.

The DNR Director (Jeff Fassett) will also need to approve these changes.

WATER USERS LAWSUIT UPDATE!

Background:

1. A lawsuit was filed against the State of Nebraska and DNR on July 31, 2014 by water users of FCID
2. The State filed a Motion to Dismiss. The Court sustained the original Dismissal Motion and granted leave to amend the pleading to cure a deficit.

WATER USERS LAWSUIT UPDATE!

An Amended Complaint asserted:

1. Nebraska took from FCID water users' surface water to which the water users and FCID had a priority right to water use under the law.
2. Nebraska failed to responsibly monitor and limit groundwater pumping from the Aquifer. As a result, underground waters of the Republican River Basin were diminished and stream flows were directly influenced by excessive pumping.

WATER USERS LAWSUIT

The State filed another dismissal motion.

1. The Court overruled the State's position taking issue with our contention that surface water available to FCID and its water users was deprived from them. This Claim was allowed to proceed in Court.
2. The Court rejected the argument that excessive groundwater pumping occurred.

WATER USERS LAWSUIT

The ruling in favor of FCID water users is a major victory for FCID water users.

The State has again asked the Court to reconsider its ruling in favor of FCID water users.

This hearing will occur on January 14, 2016 in Dawson County.

WATER USERS LAWSUIT

After the favorable ruling from the District Court in the 2013 case, a 2014 Crop Year lawsuit was filed on October 30, 2015.

The second case mirrors the first case and the State's response mirrors its position in the 2013 case.

The State Motion responding to the Complaint will be heard at the Jan. 14, 2016 hearing in Dawson County.

WATER USERS LAWSUIT

Mr. Domina is optimistic for crop producers who are Plaintiffs in the 2013 case and equally optimistic about the 2014 case.

Admittedly, we are asking the District Court to take steps not taken by Nebraska Courts before, but this is because a lawsuit like the two that have been filed have not appeared in the courts before.

Irrigation District Elections Laws

2016 Election for Division #1

February 2, 2016

New definition in State Statutes for an “Elector”
Electors will need to establish themselves as an
Elector by January 3, 2016.

FCID will be sending information to owners in
Division #1 this week.

THANK YOU!

Questions?

www.fcidwater.com

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