

41st Annual Meeting Agenda

Open Meeting _____ Brent Rogers, President

Welcome
Introductions
Announcements

Comments by Chief Engineer _____ David Barfield

40th Annual Meeting Minutes (Page 4) _____ Jeff Deeds
(Motion required to adopt or amend)

2017 Operating Budget - Proposed (Page 7-8) _____ David Rietcheck
(Motion required to adopt for public hearing)

2015 Calendar Year Audit (Page 9) _____ David Rietcheck
(Motion required to adopt or amend)

Election of Board Positions (Ballots) _____ Justin Sloan

Presentation by Vendors _____ Various

Unfinished / New Business / Open Session _____ Brent Rogers

Announcement of Board Election Results _____ Brent Rogers

Adjournment _____ Brent Rogers
(Motion required)



Notes

District Personnel

February, 2015 - February, 2016 Board:

POSITION	MEMBER	DUTY	FIRST ARRIVED:	SERVES TO:
Cheyenne #1	Roger Zwegardt	Member	2/05	2/17
Rawlins/Decatur #2	Monty Biggs	Member	2/97	2/18
Sherman/Wallace #3	Jeff Deeds	<u>Secretary</u>	2/06	2/18
Sherman/Wallace #4	David Rietcheck	<u>Treasurer</u>	2/02	2/17
Thomas # 5	Justin Sloan	Member	2/12	2/18
Thomas # 6	Lynn Goossen	Member	11/14	2/17
Sheridan # 7	Brent Rogers	<u>President</u>	2/09	2/18
Sheridan # 8	Mitch Baalman	Member	2/98	2/16
Graham # 9	Doug David	Member	2/98	2/16
Logan # 10	Scott Maurath	Member	2/01	2/16
Gove # 11	Shane Mann	<u>Vice President</u>	2/07	2/16

STAFF:

Ray Luhman, Manager
 Shannon Cain, Asst. Manager
 Dan Simmering, Field Technician
 Rita Wade, Secretary/Receptionist

OTHERS:

Vignery & Mason, Attorney
 Adams Brown Beran & Ball, Accountants



The district's website is always available - for more information go to:

[HTTP://www.gmd4.org](http://www.gmd4.org)

Information at this site includes: general district overview, personnel listing, annual meeting info, water law summary, public records policy, newsletter articles, water quotes, water formulas, metering info and a flow meter calculator, water level data, water-related links, the groundwater management district act and more.

40th Annual Meeting Minutes – Colby, Kansas – Feb 11th 2015

40th Annual Meeting Minutes – City Limits Convention Center, Colby, Kansas, February 11, 2015

The 40th annual meeting was opened at 1:30 P.M. CST, February 11, 2015 at the City Limits Convention Center, Colby, Kansas. Board members present were:

Scott Maurath	Dave Rietcheck	Jeff Deeds
Roger Zwegardt	Lynn Goossen	Doug David
Mitch Baalman	Brent Rogers	Justin Sloan
Shane Mann	Monty Biggs	

Others present were: Staff: Ray Luhman, Shannon Cain, Dan Simmering, Rita Wade and Jeff Mason; DWR: Kelly Stewart and Jodie Barker; Tracy Streeter – KWO; Jonathan Aguilar – K-State Research and Extension; Mandy Fox- FoxZ Consulting; Greg Graff – KWA & GMD 1

There were 43 total persons in attendance. The attendance roster is available from the district office.

President Brent Rogers opened the meeting with a welcome and introductions of the board, staff, state agency staff, and former board members present.

President Rogers then turned over the meeting to Jeff Deeds for presentation of the 39th annual meeting minutes, Goodland, Kansas, February 19, 2014.. Jeff directed attention to the annual meeting minutes printed in the annual meeting packet (page 4) and gave everyone a chance to review them. Jeff presented a correction on page 4. The minutes state the district brought in \$561,889.59 and spent \$638,536.15 which should state the district brought in \$638,536.15 and spent \$561,889.59. There being no questions or comments, it was moved by Dave Mann and seconded by Ron Ball that the 39th annual meeting minutes be approved with correction. The motion passed unanimously by voice vote.

Dave Rietcheck next presented the 2016 proposed operating budget. Dave reported that the 2016 budget was \$489,190.00. With no further questions or comments, the proposed 2016 budget of \$489,190.00 was approved on a motion by Mitchell Baalman and a second from Shane Mann and a unanimous voice vote.

Dave Rietcheck next presented the 2014 calendar year audit. Dave directed attention to the audit report contained in the annual meeting packet at page 8 and asked everyone to review the report. He summarized by reporting that the district had brought in \$636,137; spent \$490,751. The total cash on hand reported as \$145,386. Dave finally noted that the Foundation (not affiliated with the district) had a December 31, 2014 balance of \$520,445. Following review and with no questions

or comments, Roger Zwegardt moved for approval of the 2014 Audit Report. Jeff Deeds seconded the motion which passed unanimously by voice vote.

Roger Zwegardt next conducted the board elections. He gave the background rules and indicated each position election would be held separately. Roger opened Position 2 (Rawlins/Decatur County) announcing that Monty Biggs was the single candidate that had pre-filed. Roger opened the floor for additional nominations for Position 2. With no additional nominations, Doug David moved that nominations for Position 2 cease and a unanimous ballot be cast for Monty Biggs. Mitch Baalman seconded the motion. With no further discussion, the motion passed unanimously by voice vote.

Roger opened Position 3 (Sherman/Wallace County) announcing that Jeff Deeds was the single candidate that had pre-filed. Roger opened the floor for additional nominations for Position 3. With no additional nominations, Steve Ziegelmeier moved that nominations for Position 3 cease and a unanimous ballot be cast for Jeff Deeds. Dave Rietcheck seconded the motion. With no further discussion, the motion passed unanimously by voice vote.

Roger opened Position 5 (Thomas County) announcing that Justin Sloan was the single candidate that had pre-filed. Roger opened the floor for additional nominations for Position 5. With no additional nominations, Shane Mann moved that nominations for Position 5 cease and a unanimous ballot be cast for Justin Sloan. Steve Bremenkamp seconded the motion. With no further discussion, the motion passed unanimously by voice vote.

Roger opened Position 7 (Sheridan County) announcing that Mitchell Baalman was the single candidate that had pre-filed. Roger opened the floor for additional nominations for Position 7. With no additional nominations, Scott Maurath moved that nominations for Position 7 cease and a unanimous ballot be cast for Mitchell Baalman. Monty Biggs seconded the motion. With no further discussion, the motion passed unanimously by voice vote. *

With no contested positions, there was no need to mark ballots.

Brownie Wilson of KGS next gave a presentation on Examples of Water Levels and Flow Patterns in the Ogallala/High Plains Aquifer in Kansas. Several questions were presented from the audience on the movement of water through the aquifer and the change in velocities given the multiple variables presented by Brownie.

Brent Rogers then presented the district updates found in the meeting materials (pages 9-12). Several questions were presented by attendees. Question on the Regional Planning Teams and how that correlates with GMD 4 was presented that Ray Luhman answered. Jon Starns, Chairman for the Upper Republican Regional Planning Team invited the public to the meetings on the 10th and 11th of March. There would be a meeting in Colby and one in Goodland. In relation to the Goal Statement presented, several statements were made concerning the need for conservation. No opposition to the Goal Statement was expressed. A concern

about the Aqueduct was brought up. Tracy Streeter and Greg Graff both gave updates on the study.

Mitchell Baalman moved that the 40th annual meeting of the Northwest Kansas Groundwater Management District No. 4 be adjourned. Dave Rietcheck seconded the motion. With no objections, President Rogers declared the 40th annual meeting of the Northwest Kansas Groundwater Management District No. 4 adjourned.

**After the Annual Meeting was concluded, it was determined that the election for Board Position #7 was Invalid. The Sheridan #7 position was available for reelection at the 40th Annual Meeting. Brent Rogers, President, holds this position. The ballot indicated that Mitchell Baalman was up for election of the Sheridan #7 position, but he holds the Sheridan #8 position. The Sheridan #8 position is not available for election until the 41st Annual Meeting. Mitchell Baalman has not accepted the nomination as it was an invalid vote. The Board will appoint Brent Rogers to Position #7 at the March 2015 Board Meeting.*

Respectfully submitted

Jeff Deeds, Secretary

2017 Proposed Operating Budget

The 2017 Proposed operating budget is a blend of the 2015 Expended and the 2016 Revised budgets. It is the board's best estimate at what the district's operational costs are likely to be in 2017. The GMD membership is obligated to consider this budget at the annual meeting and make any recommendations to the board. The GMD 4 board will consider all comments and will schedule this final budget for public hearing later in the year.

	2017 Proposed	
110 POSTAGE		\$3,500.00
111 Newsletter	\$2,000.00	
112 General	\$1,500.00	
120 PRINTING		\$3,100.00
121 Newsletter	\$2,700.00	
122 Administrative	\$400.00	
130 DUES	\$2,000.00	\$2,000.00
140 SUBSCRIPTIONS	\$3,000.00	\$3,000.00
150 INSURANCE		\$12,785.00
151 Office	\$12,500.00	
152 Public Officials' Liability		
153 Auto		
154 Workmans' Comp.		
155 Inland Marine		
156 Unemployment	\$285.00	
160 TELEPHONE	\$5,600.00	\$5,600.00
170 SALARIES AND BENEFITS		\$345,000.00
171 Gross Sal, Kpers, SS, Etc.	\$345,000.00	
172 Health Insurance		
180 TRAVEL		\$15,000.00
181 Board	\$12,000.00	
182 Staff	\$3,000.00	
190 VEHICLES		\$4,375.00
191 Repairs/Maintenance	\$1,200.00	
192 Operation	\$3,000.00	
193 Tags	\$175.00	
194 Purchase/Lease		
200 CONTRACTED SERVICES		\$34,800.00
201 Accounting	\$7,000.00	
202 Legal	\$7,800.00	
203 Misc. Support	\$20,000.00	
204 Water Sampling		
205 Drilling		
206 Weather Modification		
210 PUBLICATIONS		\$600.00
211 Legal Notices	\$600.00	
220 COOP PROGRAMS		\$2,000.00
221 Administrative		
222 Equipment		
223 Contracted Studies		
224 Education Program	\$2,000.00	
230 ADMINISTRATIVE		\$10,900.00
231 Office Supplies	\$3,500.00	

232 Copy Machine	\$1,750.00	
233 Computer Maint	\$3,500.00	
234 Postage Meter Lease	\$650.00	
235 Bank Charges		
236 Field Supplies	\$1,500.00	
240 NEW EQUIPMENT		\$3,400.00
241 Field	\$1,400.00	
242 Office	\$2,000.00	
250 CONTINGENCY RESERVE	\$0.00	\$0.00
260 FACILITY		\$45,640.00
261 Rent	\$840.00	
262 Upkeep	\$12,000.00	
263 Remodel/Purchase	\$25,000.00	
264 Building Utilities	\$7,800.00	
REIMBURSED EXPENSES		
300 FOUNDATION		\$500.00
305 Foundation Subscriptions		
325 Foundation Telephone		
345 Foundation Accounting	\$200.00	
350 Foundation Legal	\$300.00	
370 Foundation Tech Support	\$0.00	
	\$492,200.00	\$492,200.00

2015 Calendar Year Audit Report

STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS All Accounts – For the period January 1 - December 31, 2015

2015 INCOME (All sources):

Cash forward from 2014 (Cash)	\$145,386
County Assessments	\$520,811
Interest Earned (GMD4)	\$559
State Grant Income	\$0
Miscellaneous Income	\$888

2015 TOTAL INCOME: \$667,644

2015 EXPENDITURES:

Postage	\$2,713
Printing	\$2,803
Dues	\$1,350
Subscriptions	\$2,808
Insurance	\$10,501
Telephone	\$5,147
Salaries & Benefits	\$309,637
Travel	\$13,708
Vehicles	\$3,574
Contracted Services	\$27,662
Publications	\$534
Coop Programs	\$0
Administrative	\$8,652
Equipment	\$2,566
Facility	\$67,138
Reserve for contingency	\$4,623
Foundation	\$0

TOTAL 2015 EXPENDITURES

Cash on hand – 12/31/15 (All GMD 4 Accounts) ----- \$204,228

Foundation Cash – All (plus interest) – 12/31/15 ----- \$488,437

District Updates

1) Sheridan 6 LEMA

The Sheridan 6 LEMA, or Local Enhanced Management Area, has now finished up its third year. The SD6 Advisory Committee is, by statute, required to meet at least once a year in order to discuss and evaluate the following topics:

- i. Water use data;
- ii. Water table information;
- iii. Economic Data;
- iv. Whether the combining of allocations and the transfers of allocations have altered the geographic distribution of diversions and/or water use within the Sheridan 6 LEMA;
- v. Whether the combining of allocations and the transfers of allocations have produced a concentration of diversions and/or water use within the Sheridan 6 LEMA;
- vi. Violations, issues relating to violations, and metered data that relates to violations;
- vii. New and preferable enhancement management options; and
- viii. Other items deemed pertinent by the Advisory Committee

The SD6 Advisory committee met in March and November of 2015 to discuss these topics. The summaries from those meetings can be found in the Year In Review Report submitted to the Chief Engineer's office each year of the Sheridan 6 LEMA.

2) Sheridan 6 LEMA Economic Study

The SD6 Economic Study is a project headed by Economist Bill Golden with assistance by the Kansas Water Office and staff at the Groundwater Management District 4 office in Colby. This study will span the five year time period of the LEMA and will cover all possible input cost changes associated with the LEMA. The study will then analyze any economic impact that the LEMA has caused and compare the results to data taken before the start of the LEMA. If you would like more information regarding this project, or would like to keep up with the study as it continues please contact the GMD office for further information.

3) 50 Year Vision of Water in Kansas

In October of 2013, at the Governor's Water Conference in Manhattan Kansas, Governor Brownback charged his administration including the Kansas Water Office, The Kansas Department of Agriculture, and the Kansas Water Authority to embark on a mission to seek community input, compile research, and to draft an official

Vision for the Future of Water in Kansas. They were also to work with The Kansas Department of Health and Environment, and Wildlife Parks and Tourism. Finally the Governor called upon his Council of Economic Advisors to participate in the planning process due to the fact that water and the economy are closely linked. The long term goal of the Vision was to address several plans to ensure a reliable water supply sufficient enough to meet the needs of a growing Kansas population and economy. The Vision Team's hope was to conserve and extend the useful life of the High Plains Ogallala Aquifer as well as to secure, protect and restore reservoir storage. Stakeholder outreach and input was a big part of the Vision planning process, the Vision team held a series of meetings all across the State, approximately 250 meetings in total reaching more than 10,000 people.

The initial drafting process took place in May of 2014 and the Vision Team began working on compiling all of the received input into what would become the Final Vision Draft, which was completed in early October. This draft was then presented at the 2014 Governors Water Conference in Manhattan on November 13th and 14th. The Vision team is currently presenting the final Vision to the Kansas Legislature during the January Session. In addition to the meetings held across the State, the Kansas Water Office also made an input survey available to the public. This allowed the public to input their personal opinions on all four sections of the proposed Vision Draft.

The Final Vision Draft was published in January 2015. During the Spring of 2015, the state was divided into 14 planning regions. A Regional Goal Leadership Team for each was constructed and their role was to develop draft goals based on public input and available resource condition information. Those draft goals were presented and accepted by the Kansas Water Authority in May 2015.

After the goals were adopted, a Regional Advisory Committee (RAC) was developed for each region and replaced the Basin Advisory Committees (BAC). GMD 4 is included in the Upper Republican Regional Advisory Committee and holds a position on the committee. The first meeting was conducted in October 2015 where the five goals for the region were discussed and narrowed to a focus on the following three goals:

1. Develop and adopt a water conservation management plan that provides maximum flexibility while reducing overall actual use, in concert with GMD 4, to extend the aquifer life and economic well-being by January 1, 2017. Utilize a time-phased implementation approach, not less than 2 years or greater than 5 years, to phase in conservation measures to lessen economic impacts and allow user transition. Conservation Plan shall address all types of use while considering flexibility tools and overall actual reduction.
2. Enhance current efforts on education of all water users for all age groups on sources of supply, quantity of supply, best management practices, etc. to help stakeholders conserve and extend.

3. Increase utilization and adoption of water conservation technology and practices by 10% by 2020. Actively seek annual funding to ensure successful achievement of goal.

Future meetings will continue to discuss achievement of the goals.

4) “Goal for 2016” - Update

At the January 2015 GMD 4 Board meeting, the following goal statement was adopted:

“By 2016, the GMD 4 Board will have in place a system that establishes “conservation water use amounts” for all of GMD 4. This system will include clearly defined areas and triggers under which current pumpage levels will be required to be reduced in order to come into compliance with these established conservation water use amounts. This system will be established by **BOARD ACTION** and will be included in the GMD 4 Management Program. The system will replace the current high priority area protocol, but will continue to ensure that any needed controls are based on hydrologic and water use parameters. If possible, flexibility shall be afforded so that various allocation alternatives are available for use in any given area. “

At the current time, a plan is being developed and discussions have started with KDA and DWR on the process for a District-wide LEMA. A draft map of that proposal is included in this packet.

5) Moratorium on New Applications

The GMD 4 Board of Directors was granted a one year moratorium on new appropriations in the Ogallala portion of the district. A new rule and regulation is being approved to permanently close the Ogallala within the GMD 4 District to new appropriations. A public hearing on that regulation is scheduled for 10:00 AM, April 4, 2016.

6) WCA

A Water Conservation Area (WCA) is a designated area with a management plan developed by the water right owner(s) with approval from the chief engineer to reduce water usage and allow for flexibility. They are designed to be a tool for water right owners that wish to extend the usable life of the aquifer.

The first WCA approved in the state is from within the GMD 4 boundaries. If you are interested in forming your own, please contact our office or the Division of Water Resources.

GMD 4 Permitted Well and Water Rights Data by County by Well Type

(Figures include wells and water rights within the county within the district)

As of January 19, 2016

	CN	DC	GH	GO	LG	RA	SD	SH	TH	WA
DOMESTIC WELLS							5	1	7	
AF							30.7	8.4	14.0	
HYD DREDGE WELLS										
AF										
INDUSTRIAL WELLS	2	2		4	2		3	12	10	
AF	30.0	225.0		483.4	22.7		25.6	1,468.8	984.5	
IRRIGATION WELLS	444	29	112	159	81	148	695	865	774	8
AF	103,122.2	4,133.0	21,504.5	28,988.0	16,149.5	30,882.6	161,964.3	259,959.8	203,530.6	2,779.0
MUNICIPAL WELLS	10		5	7	7	3	9	15	14	
AF	1,073.9		438.9	697.8	959.8	107.4	737.6	2,285.5	2,591.9	
RECREATION WELLS	2		1		1		3		1	
AF	30.8		9.0		15.0		404.5		6.7	
STOCKWATER WELLS	6			10	1	3	18	7	17	
AF	724.8			756.4	9.4	111.0	993.7	269.5	1,137.2	
EVAP WELLS	1									
AF	25.0									
COUNTY-TOT-WELLS	465	31	118	180	92	154	733	900	823	8
COUNTY-TOT-AF	105,006.7	4,358.0	21,952.4	30,925.6	17,156.4	31,101.0	164,156.4	263,992.0	208,264.9	2,779.0
GMD-TOT-WELLS	3,504									
GMD-TOT-AF	849,692.4									

January 19, 2016 totals = increase of 1 well and a decrease of 831.2 Appropriated AF compared to the January 8, 2015 totals of last year's report

GMD 4 Selected Trends

This is the newest feature in the annual meeting packet. If there are other annual trends you like to see tracked, let us know.

YEAR	Budget ¹	Water Level Change ²	Total Wells	Total AcreFeet ³
2005	\$419,365	-.60	3,546	860,387
2006	\$434,250	-.57	3,540	859,582
2007	\$411,952	-.29	3,530	857,253
2008	\$438,965	-.89	3,526	856,900
2009	\$433,455	-.42	3,520	854,673
2010	\$454,450	.10	3,516	853,710
2011	\$569,125	-.50	3,513	852,330
2012	\$490,770	-.61	3,494	849,639
2013	\$561,680	-1.12	3,498	851,156
2014	\$519,587	+0.73	3,503	850,524
2015	\$496,397	+0.42	3,504	849,692

¹ Assessed for operating budget for the calendar year

² Average change - entire GMD 4 network (January current year measurement (last years' decline))

³ Authorized appropriation quantities – all rights – GMD4 – January of following year – rounded to nearest AF

GMD 4 Comparison of Pumped Water To Appropriated Water

2011 Data (1/1/2011 - 12/31/2011)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	264,761	140,782	38%
Thomas County	208,500	114,281	33%
Sheridan County	163,594	80,733	37%

2012 Data (1/1/2012 - 12/31/2012)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	264,759	175,753	66%
Thomas County	209,164	138,080	66%
Sheridan County	163,928	100,393	61%

2013 Data (1/1/2013 - 12/31/2013)

Area	Appropriated Water	Pumped Water	Percent
Sherman County	264,294	155,562	59%
Thomas County	208,792	119,596	57%
Sheridan County	163,929	76,248	47%

2014 Data (1/1/2014 - 12/31/2014)

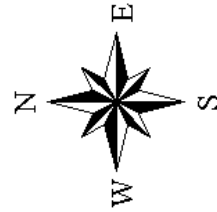
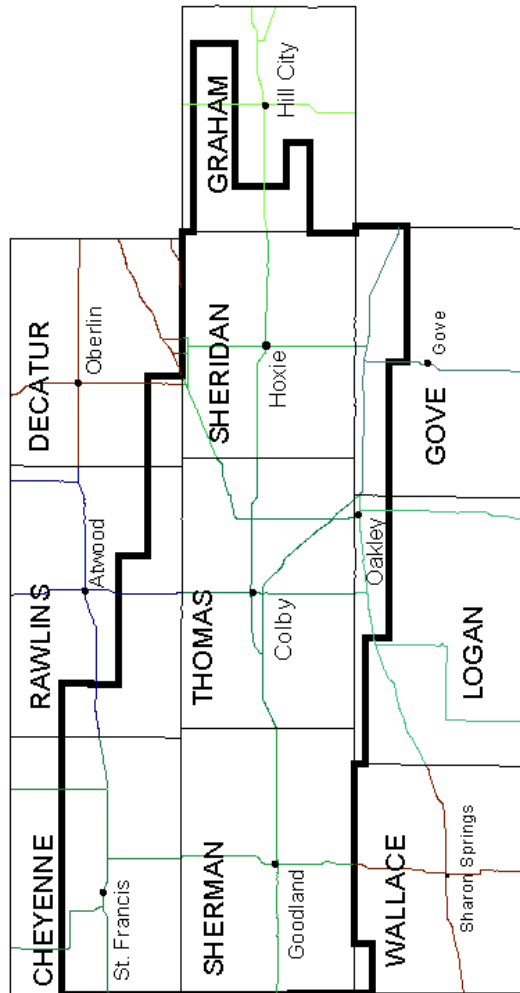
Area	Appropriated Water	Pumped Water	Percent
Sherman County	263,992	127,223	48%
Thomas County	208,265	106,280	51%
Sheridan County	164,156	77,651	47%

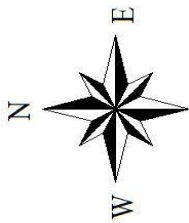
The above Data is from the WIMAS data set. WIMAS does not filter by GMD, so only full county data is available.

2015 data is not yet available in WIMAS.

District Map

Northwest Kansas Groundwater Management District 4 Boundary





PROPOSED DRAFT

GMD 4 WELLS
 SHADED TOWNSHIPS
 GREEN - NO DECLINE OR MAX PUMP 2009 - 2013 < SAFE YIELD
 BLUE - 0% - 1% PER YEAR DECLINE 2004 - 2013
 YELLOW - 1% - 2% PER YEAR DECLINE 2004 - 2013
 RED - > 2% PER YEAR DECLINE 2004-2013

5-YEAR ALLOCATIONS				AVERAGE ANNUAL AMOUNTS			
GREEN	BLUE	YELLOW/RED		GREEN	BLUE	YELLOW/RED	
CN 77.0	68.5	61.6		CN 15.4	13.7	12.32	
DC 74.0	63.5	59.2		DC 14.8	12.7	11.84	
GH 73.5	62.0	58.8		GH 14.7	12.4	11.76	
GO 76.5	65.5	61.2		GO 15.3	13.1	12.24	
LG 79.0	69.5	63.2		LG 15.8	13.9	12.64	
RA 75.5	66.0	60.4		RA 15.1	13.2	12.08	
SD 75.0	64.5	60.0		SD 15.0	12.9	12.00	
SH 78.5	70.5	62.8		SH 15.7	14.1	12.56	
TH 77.0	67.5	61.6		TH 15.4	13.5	12.32	
WA 80.5	71.5	64.4		WA 16.1	14.3	12.88	

