STATE OF NEVADA

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF WATER RESOURCES

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CLOVERS AREA
HYDROGRAPHIC BASIN 4-064

CROP INVENTORY

CALENDAR YEAR 2014

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ABSTRACT

This inventory represents the status and usage of all permitted, certificated, and claims of vested right groundwater rights for irrigation purposes located within Clovers Area, Hydrographic Basin 4-064, for the year 2014. **Only those groundwater rights associated with irrigation purposes are represented in this report**. For a listing and summary of all other manners of use within the basin please refer to the Nevada Division of Water Resources Hydrographic Basin Summary.

The data presented are valid for the time period of this report and may vary from previously published figures as water rights within the basin are subject to administrative action, such as certification, cancellation, forfeiture or withdrawal on a continuing basis.

For the year 2014, the permitted and certificated groundwater rights for irrigation purposes totaled **3,543 acres** with a total duty of 13,848 acre-feet within Clovers Area. An estimated **2,682 acres** were irrigated and 9,850 acre-feet were pumped during 2014.

HYDROGRAPHIC BASIN SUMMARY

HYDROGRAPHIC BASIN NUMBER	064, REGION 4
HYDROGRAPHIC BASIN NAME	CLOVERS AREA
COUNTIES	HUMBOLDT, LANDER, AND ELKO
MAJOR COMMUNITIES	BATTLE MOUNTAIN
DESIGNATED BASIN	DESIGNATED
DENIALS BASED UPON WATER AVAILABILITY	N/A
ESTIMATED IRRIGATION PUMPAGE 2014 (ACRE-FEET)	9,850*

STATE ENGINEER'S ORDERS

NO. 700 – DESIGNATION OF BASIN	APRIL 28, 1965
NO. 839 - PERFERRED USE (PORTION)	MARCH 20, 1984
NO. 1085 - WELL SPACING	JANUARY 21, 1994

COMMITTED GROUNDWATER RESOURCE FOR IRRIGATION PURPOSES: 13,848 ACRE-FEET
DATE: DECEMBER 2014

NOTE: Committed groundwater resource data are accurate for December 2014. Rights may be subject to change applications, certification, withdrawals, forfeiture and cancellations; each of these circumstances could impact the duty, diversion rate and acreage associated with a given right. Be advised this report acknowledges that other manner of uses may be present in the basin; however, only those groundwater rights associated with irrigation purposes are represented in this report.

* Acreage represented in this report may have surface water rights appurtenant. This report acknowledges those acres with surface water rights but is not intended to quantify, nor present any definitive use of those surface water rights. The data represent only the pumping of groundwater and the acreage to which it is applied.

PURPOSE AND SCOPE

The purpose of this report is to inventory all of the groundwater resources allocated to irrigation and described by the Office of the State Engineer, Nevada Division of Water Resources (NDWR), and to estimate the amount of groundwater pumped for irrigation purposes within the Clovers Area Hydrographic Basin (4-064), for the year 2014.

DESCRIPTION OF THE STUDY AREA

The Clovers Area Hydrographic Basin is located in north central Nevada (Figure 1), occupying approximately 722 square miles in Humboldt, Lander and Elko Counties. The adjacent hydrographic basins are Little Humboldt Valley (4-067) to the north, Willow Creek Valley (4-063) to the northeast, Rock Creek Valley (4-062) to the east, Boulder Flat (4-061) to the southeast, Lower Reese River Valley (4-059) to the south, Buffalo Valley (10-131) to the southwest, Pumpernickel Valley (4-065) to the west, and Kelly Creek Area (4-066) to the northwest.

Clovers Area is bounded on the west by Red House Flat, to the north by the Kelly Creek Mountains, Jake Creek Mountain, Owyhee Bluffs and the Snowstorm Mountains, to the east by the Sheep Creek Range and to the south by Battle Mountain. The valley is approximately 19 miles wide by 47 miles long with basin elevations ranging from approximately 4,400 feet above mean sea level on the valley floor to approximately 8,500 feet in the surrounding mountains. Irrigation occurs primarily in the southern part of the basin (Figure 2).

There is one U.S. Geological Survey (USGS) stream gage present in the basin (Site 10325000), located on the Humboldt River just north of the town of Battle Mountain. Data for the site may be accessed on the USGS website at http://nevada.usgs.gov.

GROUNDWATER LEVELS

Depths to groundwater in Clovers Area are measured by multiple agencies on a semi-annual basis. Sites at which water level measurements are made or reported to NDWR include:

064 N32 E42 13BDAC1	064 N32 E44 10ADA 1	064 N32 E44 10DAA 1
064 N32 E44 14BCAA1	064 N32 E44 24AAC 1	064 N32 E45 30BCD 1
064 N32 E45 30CCCC1	064 N34 E43 09CCBA1	064 N34 E43 10CBBD1
064 N34 E43 12DA 1	064 N34 E43 12DA 2	064 N34 E43 18ABDC1
064 N34 E43 27ACAB1	064 N34 E43 27ACBA1	064 N34 E44 10DBB 1
064 N34 E44 24ACDA1	064 N34 E44 24CBCC1	064 N34 E44 26DBC 1
064 N34 E45 04ADDD1	064 N34 E45 04BCAA1	064 N34 E45 04CCCC1
064 N34 E45 08CDAB1	064 N34 E45 09CCBD1	064 N34 E45 16BCAA1
064 N34 E45 16CBDD1	064 N34 E45 20ADDD1	064 N34 E45 20DCBB1
064 N34 E45 30ADBB1	064 N34 E45 30CCAA1	064 N34 E45 32BAAA1
064 N34 E45 32CACC1	064 N34 E45 32DAAA1	064 N34 E45 33CCCB1
064 N35 E43 12DA 1	064 N35 E44 13ACB 1	064 N35 E44 18DBBA1
064 N35 E44 29ABBB1	064 N35 E44 36ACA 1	064 N35 E45 32AAAA1

064 N36 E42 36DDCA1	064 N36 E43 25AAAA1	064 N36 E44 08CCBC1
064 N36 E44 21DD 1	064 N36 E44 26DACD1	064 N37 E44 14BCDD1
064 N38 E44 07CDBD1	064 N38 E44 29DAAD1	064 N38 E45 19AAD 1

Groundwater level data have also been collected by the USGS and can be accessed through their website (http://nevada.usgs.gov).

METHODS TO ESTIMATE IRRIGATED ACREAGE

This report estimates the number of acres irrigated by the groundwater pumped under permits, certificates, and claims of vested right issued by the State Engineer. Table 1 and Figure 3 present the current and historic irrigated acreage and pumpage; Appendix A presents estimates detailed by certificate, permit, or vested claim number. The following methods were used to arrive at the estimated acreage:

- Field inspection of the place of use was conducted to estimate the number of acres under cultivation.
- In cases where field inspection of the place of use was not practical, aerial and/or satellite imagery were analyzed to determine acreages.

METHODS TO ESTIMATE PUMPAGE

This report estimates the amount of groundwater pumped under the permits and certificates issued by the Nevada State Engineer as well as claims of vested right in the Clovers Area Hydrographic Basin. The following methods were used to arrive at the estimated use:

- Where totalizing meters were in place, meter readings were taken and compared with previous data (if available).
- Where meters were not in place and the use was irrigation, pumpage was estimated by multiplying the number of hours the well was operated during the past year (determined from an hour meter reading or asking the water user) by the certificated diversion rate.
- Where there were no flow meters or other reliable options for estimating pumpage and the use was irrigation, pumpage was estimated by dividing the Net Irrigation Water Requirement (NIWR) for the crop grown by the efficiency of the irrigation method used, then multiplying by the number of acres irrigated. Irrigation efficiencies associated with three types of irrigation methods are: pivot at 85%; wheel line or other hand moved sprinklers at 75%; and flood at 60%. The pumpage amount estimated by this method was limited by the duty of the permit. For places where the groundwater rights were supplemental to surface water, groundwater use was estimated using the NIWR method above, but adjusted based on available surface water for the year. Evapotranspiration and NIWR data by basin can be found on the NDWR website at: http://water.nv.gov/mapping/et/et_general.cfm. This approach using the NIWR to estimate pumpage was not used in previous inventories, and pumpage estimates for 2014 may differ significantly from estimates of previous years.
- Where lands were irrigated by both surface water and groundwater, the surface water supply for the irrigation season was considered in estimating groundwater pumpage.

TABLES

Table 1. Clovers Area historical irrigated acreage and pumpage data.

Year	**2010**	**2011**	**2012**	**2013**	**2014**
Acres Irrigated	2,822	2,674	2,789	2,743	2,682
Acre-Feet Pumped	11,204	10,585	10,988	10,804	9,850

* The NIWR method to estimate pumpage was used starting in 2014; estimates may differ significantly from previous years.

FIGURES

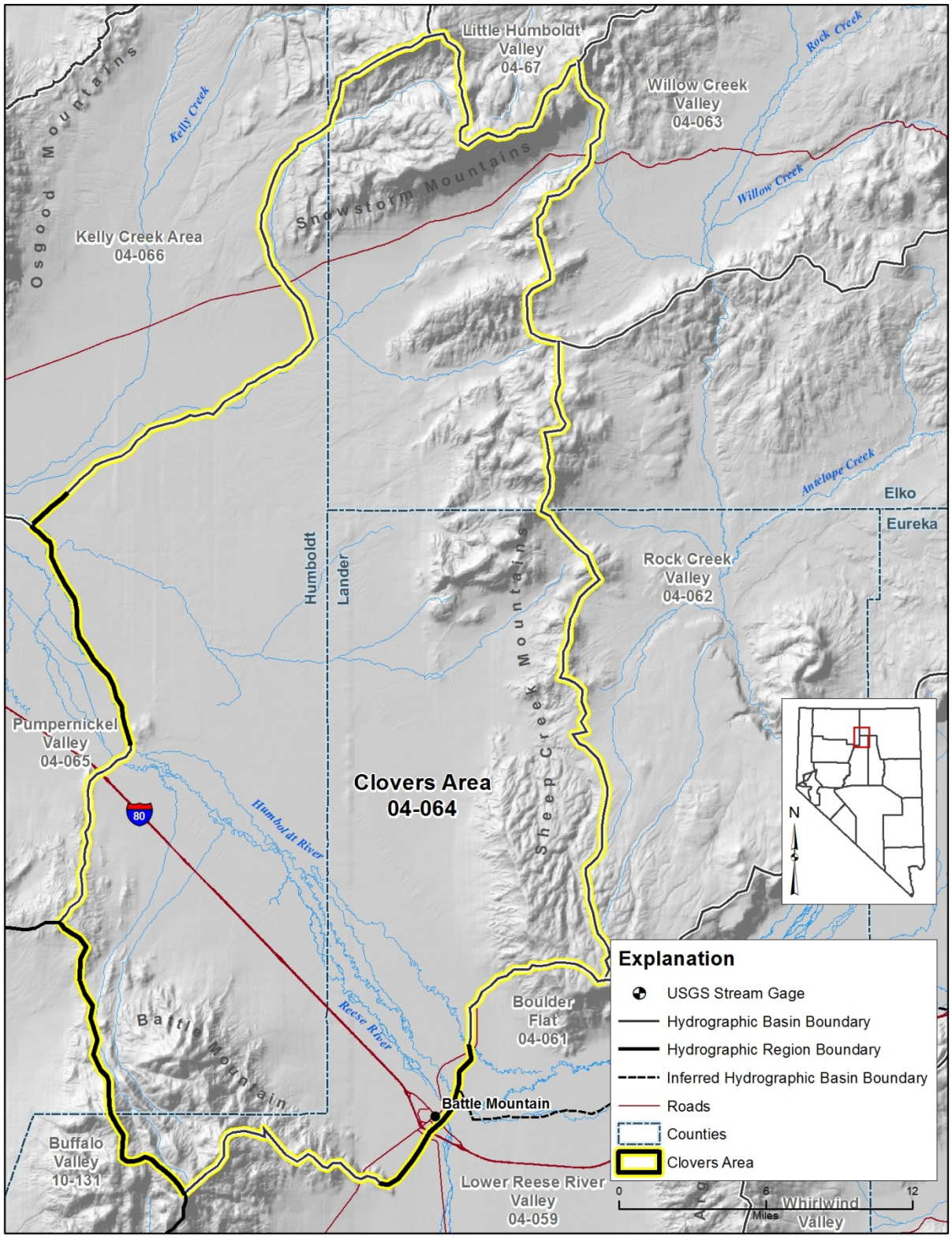

Figure 1. Physiographic map of Clovers Area (Hydrographic Basin 4-064).

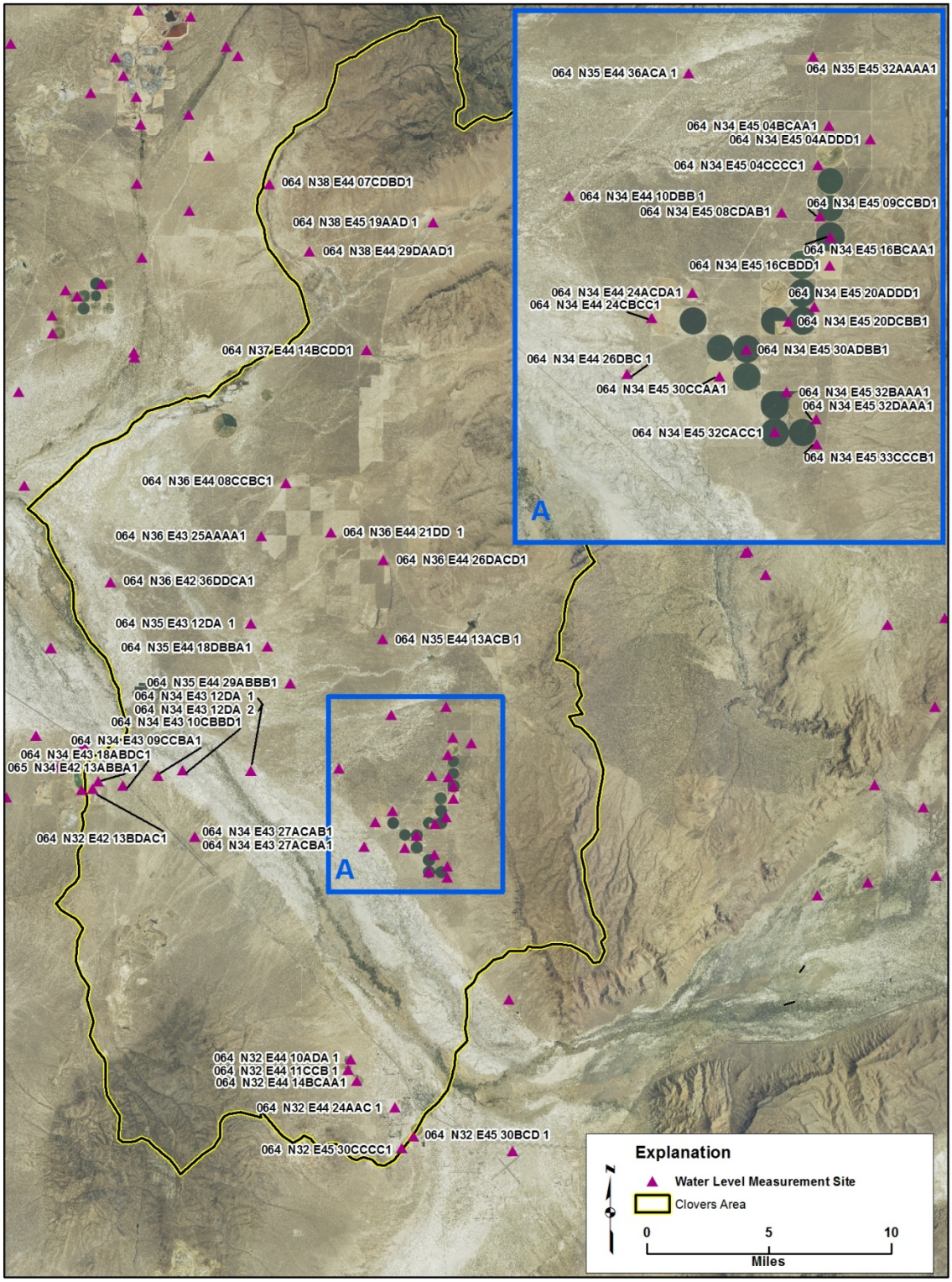

Figure 2. Map showing Clovers Area water level monitoring sites.

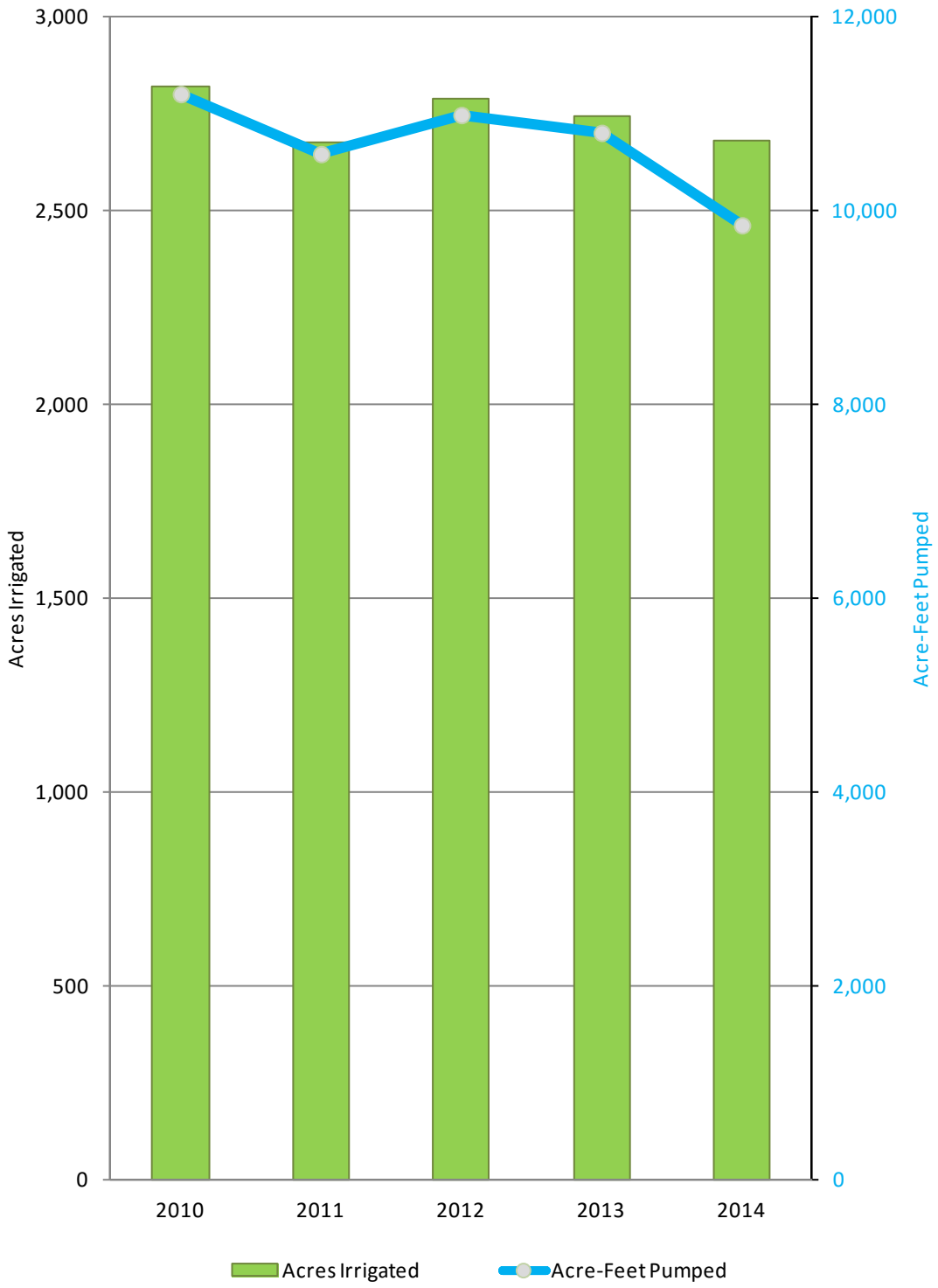

Figure 3. Graph showing Clovers Area historical irrigated acreage and pumpage.
The NIWR method to estimate pumpage was used starting in 2014; estimates may differ significantly from previous years.

APPENDIX A. 2014 CLOVERS AREA CROP INVENTORY.

EXPLANATION OF COLUMN HEADINGS

App No	The file number of the Application to Appropriate/Change Water or the Claim of Vested Right.
Status	Indicates the status of an application: Permit (PER), Certificated (CER), or a Claim of Vested Right (VST).
QQ	The quarter-quarter of the Section in which the point of diversion is located.
Q	The quarter of the Section in which the point of diversion is located.
Sec	The Section in which the point of diversion is located.
Twn	The Township in which the point of diversion is located.
Rng	The Range in which the point of diversion is located.
Sup	Indicates whether the groundwater right is part of a group of groundwater rights used to irrigate all or a portion of the same acreage (supplemental). A "Y" in this column signifies the groundwater right is supplemental to other groundwater rights.
Supplemental Application Number	The application number(s) of the water right(s) that are supplemental to one another.
Permitted Acres	The number of acres defined by the permit or certificate that is eligible to be irrigated.
Supple-mentally Adjusted Permitted Acres	The supplementally adjusted, total number of acres that is eligible to be irrigated under a supplemental group of water rights.
Permitted Duty Acre-Feet	The amount of water that may be pumped in a given year, or season, as defined by the permit, certificate, or claim of vested right. If there is a supplemental group, the total combined duty is listed as a supplementally adjusted duty.
Supple-mentally Adjusted Duty Acre-Feet	The supplementally adjusted, total combined duty that may be pumped in a given year, or season, for a supplemental group of water rights, expressed in acre-feet. The supplementally adjusted, total combined duty is listed at the end of a supplemental group in **bold**.
Owner of Record	The owner of the water right as recorded in the records of the State Engineer. A water right may have more than one owner of record. Only the first, alphabetically, is listed in this table.
Crop Type	Indicates whether or not a crop was in production during the water year. If a crop was in production, the common name description of the plants under cultivation if given (e.g. alfalfa).

NIWR (ft)	Net Irrigation Water Requirement, defined to be equal to the annual crop evapotranspiration less the effective precipitation entering the root zone that is available for evaporation or transpiration.
Irrigation Method	The method by which the water is applied to the crop and ground (e.g. pivot).
Irrigation Efficiency	The estimated efficiency of the desired irrigation method used.
Irrigated Acreage	The estimate of the number of acres irrigated associated with a particular water right.
Acreage Estimation Method	The method by which the number of acres irrigated was determined. F – Field inspection. I – Aerial or satellite imagery.
Acre-Feet Pumped	The estimate of the amount of water pumped under a particular water right, expressed in acre-feet. One acre-foot equals 325,851 gallons.
Pumpage Estimation	The method used to estimate the amount of water pumped. M – Totalizing meter readings. N – NIWR Method.
Remarks	Additional information. Numbers in this column correspond to footnotes at the end of the table.

2014 CLOVERS AREA CROP INVENTORY

App No	Status	QQ	Q	Sec	Twn	Rng	Sup	Supplemental Application Number	Permitted Acres	Supplementally Adjusted Permitted Acres	Permitted Duty Acre-Feet	Supplementally Adjusted Duty Acre-Feet	Owner of Record	Crop Type	NIWR (ft)	Irrigation Method	Irrigation Efficiency	Irrigated Acreage	Acreage Estimation Method	Acre-Feet Pumped	Pumpage Estimation Method	Remarks
81901	PER	SW	SW	2	32N	44E			40	40	160	160	BUFFINGTON, PAUL L.	no crop				0	F-I	0	N	
83191	PER	SW	SW	2	32N	44E			100	100	400	400	BUFFINGTON, KIMBERLIE M. & PAUL L.	no crop				0	F-I	0	N	
81287	PER	NE	NE	10	32N	44E			14	14	56	56	FOWLER, RITA D AND DENNIS W	no crop				0	F-I	0	N	
31145	CER		LT14	10	32N	44E	Y	34883	38.23	72.9	152.92	291.6	SLAGOWSKI FAMILY TRUST	Alfalfa	3.2	Sprinklers	75%	26.5	F-I	113.07	N	
34883	CER		LT14	10	32N	44E	Y	31145	72.9	--	291.6	--	SLAGOWSKI FAMILY TRUST									
								Total Combined Duty		**72.9**	**Acres**	**291.6**	**Acre-Feet**									
57450	CER		LT06	10	32N	44E			70	70	278.73	278.73	SLAGOWSKI FAMILY TRUST	Alfalfa	3.2	Pivot	85%	94	F-I	353.88	N	
14278	CER	SE	NE	10	32N	44E			20	20	80	80	THOMPSON, ERVIN D.	pasture	2.6	Flood	60%	18	F-I	72	N	
54888	CER	SE	NE	10	32N	44E			18.62	18.62	74.48	74.48	THOMPSON, ERVIN	pasture	2.6	Flood	60%	18.62	F-I	74.48	N	
76478	PER		LOT 1	10	32N	44E			37.44	37.44	108.08	108.08	SHAWN AND MINDY GOEMMER	Grain	3.2	Sprinklers	75%	37	F-I	123.33	N	
83638	PER	NW	NE	10	32N	44E			10.42	10.42	41.68	41.68	SHAWN AND MINDY GOEMMER	no crop				0	F-I	0	N	
78713	PER	SE	SE	10	32N	44E			10	10	40	40	LYLE EVERETT AND SUZANN D LAMAIRE TRUST	no crop		no irr equip		0	F-I	0	N	
78712	PER	SE	SW	11	32N	44E			10	10	40	40	ENGELSON, BRIAN H AND SAMME E.	Grass	3.1	Sprinklers	75%	1.5	F-I	6.20	N	
83696T	EXP	NW	NW	14	32N	44E			10	10	20	20	KING, SAMUEL E. AND JEANNIE	Alfalfa	3.2	Sprinklers	75%	10	I	20.00	N	Irrigated from 5/5/14 - 12/31/14
78709	PER	SW	NW	14	32N	44E	Y	78710 78711	10	107.83	40	431.32	SAMUEL E KING AND JEANNIE KING	Alfalfa	3.2	Pivot	85%	84	F-I	316.24	N	
78710	PER	SW	NW	14	32N	44E	Y	78709 78711	86.9	--	347.6	--	SAMUEL E KING AND JEANNIE KING	Alfalfa	3.2	Sprinklers	75%	9	F-I	38.40	N	
78711	PER	SW	NW	14	32N	44E	Y	78709 78710	10.93	--	43.72	--	SAMUEL E KING AND JEANNIE KING									
								Total Combined Duty		**107.83**	**Acres**	**431.22**	**Acre-Feet**									
20330	CER	SW	NE	24	32N	44E			158.825	158.825	635.3	635.3	MICHAEL G. MARVEL AS CO-TRUST	no crop		Wheel Line	75%	0	F-I	0	N	
38646	PER	SE	SE	24	32N	44E			1.83	1.83	7.32	7.32	SUMIN, RICHARD A & EVELYN KAY	Dom/garden		Sprinklers	75%	0.5	F-I	1.73	N	
22891	CER	NW	SW	24	34N	44E	Y	68486	258.81	258.81	554.55	1,035.24	PARKER, RUSSELL LANE & TAMMY LAVON	Grain	3.2	Pivot	85%	126	F-I	370.59	N	
68486	CER	NE	SE	24	34N	44E	Y	22891	120.17	--	480.69	--	PARKER, RUSSELL LANE & TAMMY LAVON	Alfalfa	3.2	Pivot	85%	126	F-I	474.35	N	
								Total Combined Duty		**258.81**	**Acres**	**1,035.24**	**Acre-Feet**									
22892	CER	SW	NW	24	34N	44E		27126	243.58	243.58	572.72	572.72	SPPC, IDAHO POWER COMPANY	no crop				0	F-I	0	N	
82799	PER	SW	SW	18	37N	44E			80	80	320	320	ORO VACA, INC.	no crop				0	I	0		No POC until November 2014
24879	CER	SW	SW	4	34N	45E			144.33	144.33	577.32	577.32	SPPC	no crop				0	F-I	0	N	
83493T	EXP	SW	SW	9	34N	45E			23.35	23.35	93.4	93.4	PARKER, RUSSELL LANE & TAMMY LAVON	Alfalfa	3.2	Sprinklers	75%	23.35	I	74.72	N	Period of use: 3/13/14 - 6/13/14
77099	CER	SW	SW	9	34N	45E	Y	All in Section 9	31.46	223.48	125.84	893.92	ERIK M TAYLOR AND KRISTINE W TAYLOR	Alfalfa	3.2	2-Pivots	85%	225	F-I	847.06	N	
77466	CER	SW	SW	9	34N	45E	Y	All in Section 9	24.08	--	96.32	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
77467	CER	SW	SW	9	34N	45E	Y	All in Section 9	27.74	--	110.96	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
76909	CER	SW	SW	9	34N	45E	Y	All in Section 9	22.12	--	88.48	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
80322	CER	SW	SW	9	34N	45E	Y	All in Section 9	19.97	--	79.88	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
80323	CER	SW	SW	9	34N	45E	Y	All in Section 9	33.8	--	63.16	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
80324	CER	SW	SW	9	34N	45E	Y	All in Section 9	5.07	--	20.28	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
80325	CER	SW	SW	9	34N	45E	Y	All in Section 9	14.1	--	56.4	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
80326	CER	SW	SW	9	34N	45E	Y	All in Section 9	28.4725	--	113.89	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
80327	CER	SW	SW	9	34N	45E	Y	All in Section 9	18.01	--	72.04	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
80328	CER	SW	SW	9	34N	45E	Y	All in Section 9	35.89	--	143.56	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
83495	PER	SW	SW	9	34N	45E	Y	All in Section 9	23.35	--	93.4	--	ERIK M TAYLOR AND KRISTINE W TAYLOR									
								Total Combined Duty		**223.48**	**Acres**	**893.92**	**Acre-Feet**									
27129	CER	NW	SW	16	34N	45E	Y	1144 59675 8089	106.12	266.05	289.28	1,064.20	ERIK M TAYLOR AND KRISTINE W TAYLOR	Alfalfa	3.2	Sprinklers	75%	10	F-I	42.67	N	
31144	CER	SW	NW	16	34N	45E	Y	7129 59675 8089	160.38	--	569.48	--	ERIK M TAYLOR AND KRISTINE W TAYLOR	Alfalfa	3.2	Pivot	85%	140	F-I	527.06	N	
59675	CER	NE	SW	16	34N	45E	Y	7129 31144 8089	33.35	--	133.4	--	TAYLOR, ERIK AND KRISTINE	Alfalfa	3.2	Pivot	85%	115	F-I	432.94	N	
80896	CER	NE	SW	16	34N	45E	Y	7129 59675 3111	90.33	--	266.71	--	TAYLOR, ERIK AND KRISTINE									
								Total Combined Duty		**266.05**	**Acres**	**1,064.20**	**Acre-Feet**									
21787	CER	SE	SE	18	32N	45E			20.04	20.04	80.16	80.16	CHUCKAR HILLS M.H.P., LLC	no crop		trailer park		0	F-I	0	N	
83492T	EXP	NW	NE	20	34N	45E			30.56	30.56	122.24	122.24	PARKER, RUSSELL LANE & TAMMY LAVON	Alfalfa	3.2	Sprinklers	75%	30.56	I	97.79	N	Period of use: 3/13/14 - 6/13/14
21447	CER	SE	NE	20	34N	45E			132.92	132.92	531.68	531.68	TAYLOR, ERIK AND KRISTINE	Alfalfa	3.2	Pivot	85%	127	F-I	478.12	N	
81544	PER	NW	NE	20	34N	45E			128.54	128.54	514.16	514.16	TAYLOR, ERIK M. & KRISTINE W.	Alfalfa	3.2	Pivot	85%	196	F-I	737.88	N	
83494	PER	NW	NE	20	34N	45E			30.56	30.56	122.24	122.24	TAYLOR, ERIK M. & KRISTINE W.					0		0.00		
21448	CER	SE	SE	20	34N	45E	Y	28524	257.66	258.25	1,030.64	1,033.00	BROOKS, LESLIE & MCINTOSH, BARBARA	Alfalfa	3.2	Pivot	85%	128	F-I	481.88	N	
28524	CER	SW	SE	20	34N	45E	Y	21448	132.26	--	529.04	--	BROOKS, LESLIE H.;MCINTOSH, BARBARA	Alfalfa	3.2	Pivot	85%	123	F-I	463.06	N	
								Total Combined Duty		**258.25**	**Acres**	**1,033.00**	**Acre-Feet**									
22834	CER	NE	SE	30	34N	45E			133.93	133.93	535.76	535.76	TAYLOR, ERIK M. & KRISTINE W.	Alfalfa	3.2	Pivot	85%	124	F-I	466.82	N	Replacement well original well needs plugged
25054	CER	SW	SW	30	34N	45E	Y	35154	238.42	238.42	609.85	953.68	TAYLOR, ERIK M AND KRISTINE W	Alfalfa	3.2	Pivot	85%	122	F-I	459.29	N	
35154	CER	NE	NW	30	34N	45E	Y	25054	111.42	--	343.83	--	TAYLOR, ERIK M AND KRISTINE W	Alfalfa	3.2	Pivot	85%	115	F-I	432.94	N	
								Total Combined Duty		**238.42**	**Acres**	**953.68**	**Acre-Feet**									
28979	CER	SE	NE	30	34N	45E			126.37	126.37	505.48	505.48	TAYLOR, ERIK M AND KRISTINE W	Alfalfa	3.2	Pivot	85%	124	F-I	466.82	N	
22878	CER	NE	SE	32	34N	45E	Y	27183 34672	81.7	251.84	326.8	1,005.44	TAYLOR, ERIK M AND KRISTINE W	Grain	3.2	Pivot	85%	128	F-I	376.47	N	
27183	CER	NE	SE	32	34N	45E	Y	22878 34672	251.36	--	1,005.44	--	TAYLOR, ERIK M AND KRISTINE W									
34672	CER	SE	SE	32	34N	45E	Y	22878 27183	251.36	--	1,005.44	--	TAYLOR, ERIK M AND KRISTINE W	Alfalfa	3.2	Pivot	85%	123	F-I	463.06	N	
								Total Combined Duty		**251.84**	**Acres**	**1,005.44**	**Acre-Feet**									
28980	CER	NE	SW	32	34N	45E	Y	28981 34862	131.62	269.83	526.48	1,222.88	TAYLOR, ERIK M AND KRISTINE W	Alfalfa	3.2	Pivot	85%	130	F-I	489.41	N	Replacement well original well needs plugged
28981	CER	NE	NW	32	34N	45E	Y	28980 34862	269.83	--	856.23	--	TAYLOR, ERIK M AND KRISTINE W					0	F-I	0	N	
34862	CER	NE	NW	32	34N	45E	Y	28980 28981	269.83	--	1079.32	--	TAYLOR, ERIK M AND KRISTINE W	Alfalfa	3.2	Pivot	85%	130	F-I	489.41	N	
								Total Combined Duty		**269.83**	**Acres**	**1,222.88**	**Acre-Feet**	Grain	3.2	Sprinklers	75%	15	F-I	50	N	
														Pasture	2.6	Sprinklers	75%	2	F-I	8.53	N	
									Total	**3,542.73**	**Acres**	**13,847.93**	**Acre Feet**			**Total**		**2,682.03**	**Acres**	**9,850.22**	**Acre Feet**	