## Estimated Useable Lifetime for the High Plains Aquifer

Based on KGS Section Level Data for saturated thickness (2014-2016) and revised minimum saturated thickness required to support 400 gpm under a 90-day pumping scenario with wells on 1/4 section, USGS average specific yield, USGS 1947 to 2007 average recharge, and DWR section-level groundwater use data 2010-2014 for an average 2-mile radius

T29S R29W	<b>1295</b> <b>28</b> W	1295 R27W	T29S R26W	T29\$ R25W	T295 R24W	T295 R2010	7295	т295	1298	1295	T2 <mark>:95</mark>
	Meade				K//	Clark	R22W	R21W	<b>R20</b> W		
T30S	T30S	T30S	T30S	T30S	T30S	T30S	-   (308)     -   R22W	T30S	T30S	T30S	T30S
R29W	R28W	R27W	R26W	R25W	R24W	R23W		R21W	R20W	R19W	R18W
T31S	731S	31S	T31S	T31S	T31S	T31S	T31S	T31S	T31S	T31S	T31S
R29W	R28W		R26W	R25W	R24W	R23W	R22W	R21W	R20W	R19W	R18W
T328	732S	T32S	T32S	T32S	T32S	T32S	T32S	T32S	T32S	T32S	T32S
R29W	R28W	R27W	R26W	R25W	R24W	R23W	R22W	R21W	R20W	R19W	R18W
T338	T33S	T33S	T33S	T33S	T33S	T33S	T33S	T33S	T33S	T33S	T33S
R29W	R28W	R27W	R26W	R25W	R24W	R23W	R22W	R21W	R20W	R19W	R18W
T34S R29W	T34S R28W T35S	T34S R27W	T34S R26W	T34S R25W	T34S R24W	T34S R23W	T34S R22W	T34S R21W	T34S R20W	T34S R19W	T34S R18W
T35S	R28W	T35S	T35S	T35S	T35S	T35S	T35S	T35S	T35S	T35S	T35S
R29W		R27W	R26W	R25W	R24W	R23W	R22W	R21W	R20W	R19W	R18W
Estim	ated Years Rep .ess than 25				*Low use there wa		ons where care to f			<b>R19W</b>	R18W
2	26 to 50	More than 28	50 ceeds Use	SY Data Ur		N	GL SC HM KE FI ST GT HS	HG PN SF RN HV SG GT FO ED FR KM ME CA CM BATHP SU CL EI		Kansas Depar Division of Wa June 22, 2016	

## Estimated Useable Lifetime for the High Plains Aquifer

Based on KGS Section Level Data for saturated thickness (2014-2016) and revised minimum saturated thickness required to support 300 gpm under a 90-day pumping scenario with wells on 1/4 section, USGS average specific yield, USGS 1947 to 2007 average recharge, and DWR section-level groundwater use data 2010-2014 for an average 2-mile radius

		T295								
R28W	R27W	R26W	T29S R25W	T295 R24W	T295 R23W	T29\$	R21W	129\$ R20W	1295 R19W	T295 R18W
leade					<b>Clark</b>					production of the second secon
T30S R28W	T30S R27W	T30S R26W	T30S R25W	T30S R24W	T30S R23W	305 R22W	T30S R21W	T30S R20W	T30S R19W	T30S R18W
						NY V	3 A		Cc	omanche
/ T31S R28W	31S R27W	T31S R26W	T31S R25W	T31S R24W	T31S R23W	T31S R22W	T31S R21W	T31S R20W	T31S R19W	T31S R18W
732S R28W	T32S R27W	T32S R26W	T32S R25W	T32S R24W	T32S R23W	T32S R22W	T32S R21W	T32S R20W	T32S R19W	T32S R18W
733S R28W	T33S R27W	T33S R26W	T33S R25W	T33S R24W	T33S R23W	T33S R22W	T33S R21W	T33S R20W	T33S R19W	T33S R18W
T34\$ R28W	T34S R27W	T34S R26W	T34S R25W	T34S			T34S	T34S	T34S	T34S R18W
T35S R28W	T35S R27W	T35S R26W	T35S R25W	T35S	T35S	T35S	T35S	T35S	T35S	T35S R18W
	-			there wa	as less than 75 ac	cre-feet of	DC NT PC SM JW RP WS MS SD GFI RO OB MC CD CYF P1		<b>1 1 1 1 1</b> 5	10 Miles
ess than 25 6 to 50	101 to 250 More than 2	50		reas	N		DUE NS RH BT RC MP MNICS			ment of Agriculture
	T30S R28W T31S R28W T32S R28W T32S R28W T35S R28W T35S R28W T35S R28W	T30S T30S   T30S T30S   R28W R27W   T31S T31S   R28W R27W   T31S T31S   R28W R27W   T32S T32S   R28W R27W   T32S T32S   R28W R27W   T33S T33S   R28W R27W   T33S T33S   R28W R27W   T33S T33S   R28W R27W   T35S T35S   R28W R27W   T35S T35S   R28W R27W   T35S T35S   R28W R27W	T30S T30S T30S   T30S T30S T30S   R28W R27W R26W   T32S T32S T32S   T32S T32S T32S   T32S T32S T32S   T32S T32S T32S   T33S T33S T32S   T33S T32S T32S   T33S T33S T33S   R28W R27W R26W   T33S T33S T33S   R28W R27W R26W   T34S T34S T34S   T34S T34S T34S   R28W R27W R26W   T34S T34S T34S   R28W R27W R26W   T35S T35S T35S   R28W R27W	R28W R27W R26W R25W   Iteade T30S T30S T30S T30S T30S   T30S T30S T30S T30S T30S T30S T30S   T31S T31S T31S T31S T31S T31S T31S T31S   T31S T31S T31S T31S T31S T31S T31S T31S   T31S T31S T31S T31S T31S T31S T31S T31S   T32S T32S T32S T32S T32S T32S T32S T32S   T33S T33S T33S T33S T33S T33S T33S   R28W R27W R26W R25W R25W   T33S T33S T33S T33S T33S   R28W R27W R26W R25W R25W   T34S T34S T34S T34S T34S   T34S T35S T35S T35S T35S   R28W R27W R26W R25W R25W   T34S T34S <td>R28W R27W R26W R25W R24W   I 1233 1233 1233 1233 1233   I ade R26W R25W R24W   I 1305 I 305 I 305 I 305 I 305 I 305   I 1305 I 305 I 305 I 305 I 305 I 305 I 305   I 1315 I 315 I 315 I 315 I 315 I 315 I 315   I 325   I 325 I 325 I 325 I 325 I 325 I 325   I 325 I 325 I 325 I 325 I 325   I 325 I 325 I 325 I 325 I 325   I 325 I 325 I 325 I 325 I 325   I 335 I 335 I 335 I 335 I 335   I 335 I 345 I 345 I 345 I 345   I 345 I 345 I 345 I 345 I 345   I 345 I 345 I 345 I 345 <thi 345<="" th="">   I 345</thi></td> <td>R28W R27W R26W R23W R24W R23W   Ieade Clark R26W R25W R24W R23W   Image: Table transmission of the second state of the se</td> <td>R28W R27W R26W R28W R24W R28W R28W</td> <td>R28W R29W R28W R28W</td> <td>1238 12355 1235 1235</td> <td>R28W R29W R28W R38W R38W</td>	R28W R27W R26W R25W R24W   I 1233 1233 1233 1233 1233   I ade R26W R25W R24W   I 1305 I 305 I 305 I 305 I 305 I 305   I 1305 I 305 I 305 I 305 I 305 I 305 I 305   I 1315 I 315 I 315 I 315 I 315 I 315 I 315   I 325   I 325 I 325 I 325 I 325 I 325 I 325   I 325 I 325 I 325 I 325 I 325   I 325 I 325 I 325 I 325 I 325   I 325 I 325 I 325 I 325 I 325   I 335 I 335 I 335 I 335 I 335   I 335 I 345 I 345 I 345 I 345   I 345 I 345 I 345 I 345 I 345   I 345 I 345 I 345 I 345 <thi 345<="" th="">   I 345</thi>	R28W R27W R26W R23W R24W R23W   Ieade Clark R26W R25W R24W R23W   Image: Table transmission of the second state of the se	R28W R27W R26W R28W R24W R28W	R28W R29W R28W	1238 12355 1235 1235	R28W R29W R28W R38W

## Estimated Useable Lifetime for the High Plains Aquifer

Based on KGS Section Level Data for saturated thickness (2014-2016) and revised minimum saturated thickness required to support 200 gpm under a 90-day pumping scenario with wells on 1/4 section, USGS average specific yield, USGS 1947 to 2007 average recharge, and DWR section-level groundwater use data 2010-2014 for an average 2-mile radius

T295	95		1298		7295	729\$	729S R23W	T29\$ R24W	T29\$ R25W	T295 R26W	77-1957 R27W	7298 R28W	129S 29W
AND			<u>R20W</u>		RZHW	₹22₩///	Clark					Meade	
T30S R18W	30S 9W	T3( R19	T30S R20W		T30	(130S R22W	T30S R23W	T30S R24W	T30S R25W	730S R26W	T30S R27W	T30S R28W	30S 29W
manche T31S R18W	Cor 1315 19W		T31S R20W	31S 1W	3 73 T3 R21	T31S R22W	T31S R23W	T31S R24W	T31S R25W	T31S R26W	7315 ///827wj	131S R28W	T31S 29W
T32S R18W	T32S		T32S R20W	32S 1W	T3 R21	T32S R22W	T32S R23W	T32S R24W	T32S R25W	T32S R26W	T32S R27W	T32S R28W	T328 29W
T33S R18W	33S 19W		T33S R20W		T33 R21	T33S R22W	T33S R23W	T33S R24W	T33S R25W	T33S R26W	T33S R27W	T33S R28W	1338 29W
T34S R18W T35S R18W	34S 19W T35S	R19	T34S R20W T35S	35S	R2 <sup>7</sup>	T34S R22W T35S	T34S R23W T35S	T34S R24W T35S	T34S R25W T35S P25W	T34S R26W T35S R26W	T34S R27W T35S R27W	T34S R28W T35S R28W	T34S 229W T35S
	19W 34S 19W	T3 R19	R20W T34S R20W	34S 21W 35S	R21	R22W T34S R22W	T345	R24W T34S R24W	R25W T34S R25W	T34S R26W	R27W T34S R27W	T34S R28W	29W 134S 29W