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

	T20S R43W	T20S	T20S	T20S	T20S	T205	T20S	T20S	
		R42W	R41W	R40W	R39W	RSBW	R37W	R36W	R35W
		Hamil		n			Kearny		
	T21S R43W	T21S	T21S	T21S	T21S	TOLO			
	K43VV	R42W	R41W	R40W	R39W	T21S R38W	T21S R37W	T21S R36W	T21: R35V
	7000								
	T22S R43W	T22S	T22S	T22S	T22S	T22S	200	торе	
		R42W	R41W	R40W	R39W	R38W	R37W	R36W	R85
	T23S	T23S	T23S	T23S	T23S	225		Tago	
	R43W	R42W	R41W	R40W	R39W	R38W	R 37W	R36W	T23 R35
	T24S R43W	T24S	T24S	T24S	T24S	TOAC			
		R42W	R41W	R40W	R39W	T24S R38W	T2 <mark>4S</mark> R37W	724S R36W	T24: R35V
	T25S R43W	T25S	T25S	T25S	TOPO				
	R43VV	R42W	R41W	R40W	T25S R39W	T25S R38W	R37W	T25S R36W	T258 R35W
									K35V
	Tass								HAH
	R43W	R42W	T26S R41W	T26S R40W	T26S R39W	T26S R38W	T26S	T26S R66W	Т26
			Stanton				Gra		R35
		T275	T275						
		R420	R41W						
l Years Remaining		there	use areas are se was less than 75	acre-feet of	CN RA DC NT PL SM SH TH SD GH RO OB	JW RP WS MS NNBR P MC CD CYFE PT JA AT	0	5	1 10 Miles
than 25 101 to 250	Low Use	net a	verage use from 2	010-2014	WA LG GO TR EL RS		Y		

Several June 22, 2016

ST Below Minimum Threshold

51 to 100

Recharge Exceeds Use

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

	T20S R43W	T20S R42W	T20S R41W	T20S R40W	T20S R39W	T20 S-	T20S R37W	T20S R36W	T20-S
			Hamilto	n					R35W
	T21S	T21S	T240				Kear	пу	
	R43W	R42W	T21S R41W	T21S R40W	T21S R39W	T21S R38W	T21S R37W	T21S R36W	T218 R35V
	T22S								
	R43W	T22S R42W	T22S R41W	T22S R40W	T22S R39W	T22S R38W	722S R37W	T22S	T22
	T23S R43W	T23S R42W	T23S R41W	T23S R40W	T23S R39W	723S	7235	7235	T23
							R 37W	R36W/	R35V
	T24S R43W	T24S R42W	T24S	T24S	T24S	T24S	T245	T24S	T24
			R41W	R40W	R39W	R38W	R37W	R36W	R35V
	T25S R43V	T25S	T25S	T25S	T25S	T25S			
		R42W	R41W	R40W	R39W	R38W	7258 R37W	T25S R36W	T259 R35W
	- T265- - R43W-	R42W	T26S R41W	T26S R40W	T26S R39W	T26S R38W	T26S R37W	T26S R66W	T20 R35
			Stanton				Gra		
	1878-	R42W	T275						
ated Years Remaining		there	use areas are se was less than 75 verage use from 2	acre-feet of	CN RA DC NT PL SM SH TH SD GH RO OB	JW RP WS MS NMBR D MC CD CVIFE PT JA AT		5	10 Miles
ess than 25 101 to 250 26 to 50 More than 250	Low Use A	Areas	Norage use norm	2010-2014	UNA LG GO TR EL RS GL SC LE NS RH BT HM KE FT HG PN SF ST GT HS		к	ansas Departm	nent of Agricu r Resources

ST Below Minimum Threshold

51 to 100

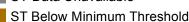
Recharge Exceeds Use

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 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

	T20S R43W	T20S R42W	T20S R41W	T20S R40W	T20S R39W	7205 R38W	T20S R37W	T20S R36W	T20S R35W
			Hamilto	n			Koar		
	T21S	T21S					Kearny		
	R43W	R42W	T21S R41W	T21S R40W	T21S R39W	T21S R38W	T21S R37W	T21S R36W	T21S R35W
	T22S	TOCO							
	R43W	T22S R42W	T22S R41W	T22S R40W	T22S R39W	T22S R38W	T22S	T225	T22 R35W
		TOOO							
	T23S R43W	T23S R42W	T23S R41W	T23S R40W	T23S R39W	723S R38W	7723S R37W	723 S R36W	T23S R35W
	T24S							4	
	R43W	T24S R42W	T24S R41W	T24S R40W	T24S R39W	T24S R38W	T245 R37W	T24S R36W	T24S R35W
	T25S R43V	T25S R42W	T25S R41W	T25S R40W	T25S	T25S		T25S	T25S
					R39W	R38W	R37W	R36W	R35W
	T265 R43VV	T26 <mark>5</mark> R42W	T26S R41W	T26S R40W	T26S R39W	T26S R38W	T26S R37W	T265	Т26
		1278	Stanton				Gra	R36W	R35V
timated Years Remaining		R42W *Low	use areas are ser was less than 75		CN RA DC NT PL SM				1 10 Miles
Less than 25 101 to 250	Low Use	net av	verage use from 2		WALG GO TR EL RS		Y		
26 to 50 More than 250		Jnavailable	N		HM KE FI HG PN SF ST GT HS FO KW PR			ansas Departm Division of Wate	



51 to 100

Recharge Exceeds Use



June 22, 2016