

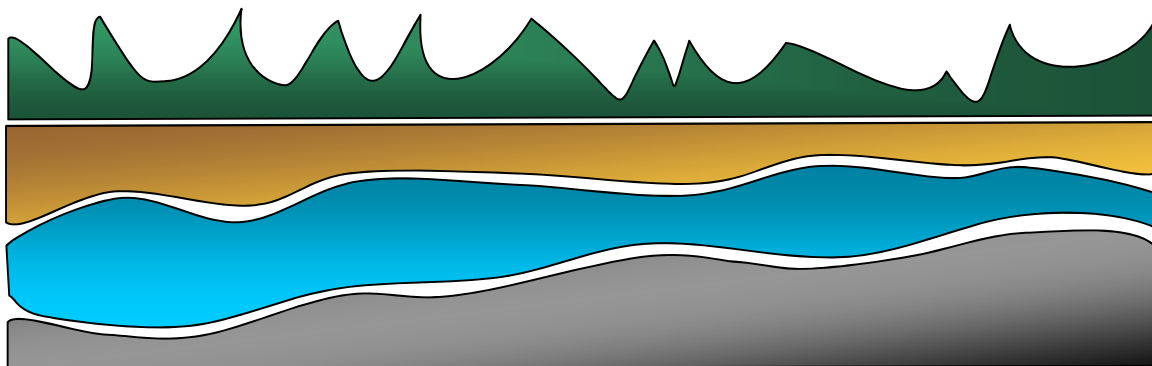
K A W E A H D E L T A

Water Conservation

D I S T R I C T



**2023
ANNUAL
GROUNDWATER
REPORT**



2023 ANNUAL GROUNDWATER REPORT

This report has been prepared by Kaweah Delta Water Conservation District and presents groundwater measurements that were taken throughout the District. This information is intended to provide the District Board of Directors and participants with groundwater data that will allow for the evaluation of past and current groundwater conditions within the District.

The groundwater measurements were taken in the months of February and October for spring and fall, respectively, at wells located within the Kaweah Delta Water Conservation District boundaries. The data was collected by Kaweah Delta Water Conservation District, Lakeside Irrigation Water District, Kings County Water District and Tulare Irrigation District.

Many groundwater measurements were taken, but only the groundwater depths from well sites in each respective season of 2022 and 2023 were compared within the District. The spring 2023 average comparable depth to groundwater was approximately 142.4 ft., which reflected a groundwater level rise of 6.6 ft. from the prior year. The fall 2023 average comparable depth to groundwater was approximately 132.9 ft., which reflected a groundwater level rise of 27.5 ft. from the prior year.

It should be noted that a majority of the measurements are obtained from active agricultural production wells. Also, there presently is a lack of available well construction data for the wells included in this report. Thereby, the groundwater conditions presented in this report reflect a degree of uncertainty that is commensurate with the complexity of aquifer and measurement conditions.

TABLE OF CONTENTS

TITLE	PAGE
PRELIMINARY REPORT	1
AVERAGE GROUNDWATER CHANGES (AGENCY)	2
AVERAGE GROUNDWATER CHANGES (HYDROLOGIC ZONES).....	3
HISTORICAL GRAPH OF FALL DEPTH vs WATER YEAR	4
HISTORICAL GRAPH OF AVERAGE ANNUAL FALL DEPTHS.....	5
HISTORICAL FALL MEASUREMENTS AVERAGE DEPTH TO GROUNDWATER	6
WELLS ADDED FROM ANNUAL REPORTING	7
WELLS REMOVED FROM ANNUAL REPORTING	7
GROUNDWATER DATA (2022 - 2023).....	8
GROUNDWATER CONTOUR MAPPING	16

KAWEAH DELTA WATER CONSERVATION DISTRICT

WATER YEAR 2022 - 2023 PRELIMINARY REPORT

WATER SUPPLY (AC-FT)

TERMINUS INFLOW	1,327,741
CREEK FLOW	107,941
CVP	137,024
KINGS RIVER	12,580
TOTAL	1,585,286

Terminus inflow of 1,327,741 AF was 310% of the long term average, beginning at the 1904 Water Year.

The April - July flow of 774,834 AF was 275% of the long term April - July average, beginning at the 1904 Water Year.

Creek Flow is the water year totals of Dry Creek, Yokohl Creek, and Cottonwood Creek.

KAWEAH DELTA WATER CONSERVATION DISTRICT

AVERAGE GROUND WATER CHANGES (AGENCY)

SPRING 2022 - 2023 COMPARISON

AGENCY CODE	NUMBER OF WELLS MEASURED SPRING 2023	NUMBER OF WELLS COMPARED TO SPRING 2022	AVERAGE CHANGE IN GROUNDWATER DEPTH
5129	28	20	8.2
5603	87	83	10.8
5604	77	64	-1.8
5627	39	34	13.0
COMBINED	231	201	6.9

FALL 2022 - 2023 COMPARISON

AGENCY CODE	NUMBER OF WELLS MEASURED FALL 2023	NUMBER OF WELLS COMPARED TO FALL 2022	AVERAGE CHANGE IN GROUNDWATER DEPTH
5129	27	23	23.7
5603	94	85	35.2
5604	73	65	19.1
5627	38	33	27.3
COMBINED	232	206	27.5

AGENCY CODE	AGENCY DESCRIPTION
5129	Kings County Water District
5603	Kaweah Delta Water Conservation District
5604	Tulare Irrigation District
5627	Lakeside Irrigation Water District

KAWEAH DELTA WATER CONSERVATION DISTRICT

AVERAGE GROUND WATER CHANGES (HYDROLOGIC ZONES)

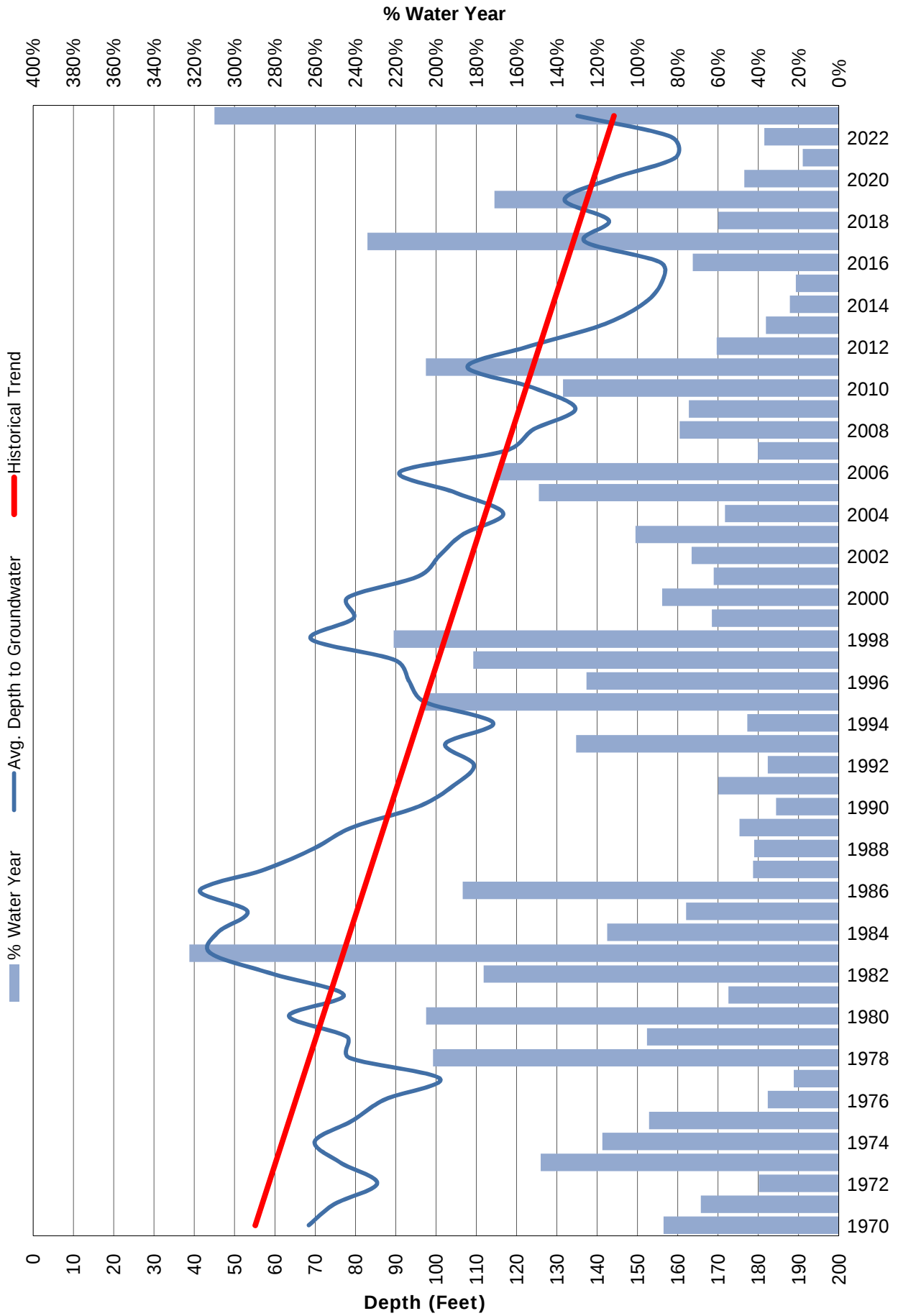
SPRING 2022 - SPRING 2023

HYDROLOGIC ZONE	NUMBER OF WELLS COMPARED	SPRING 2022 AVERAGE DEPTH TO WATER	SPRING 2023 AVERAGE DEPTH TO WATER	AVERAGE CHANGE IN DEPTH
1	8	32.7	26.7	6.0
2	17	125.5	116.0	9.6
3	10	135.3	130.0	5.3
4	31	134.3	132.3	2.0
5	57	173.6	174.5	-0.9
6	78	155.8	142.2	13.6
TOTAL	201	149.0	142.4	6.6

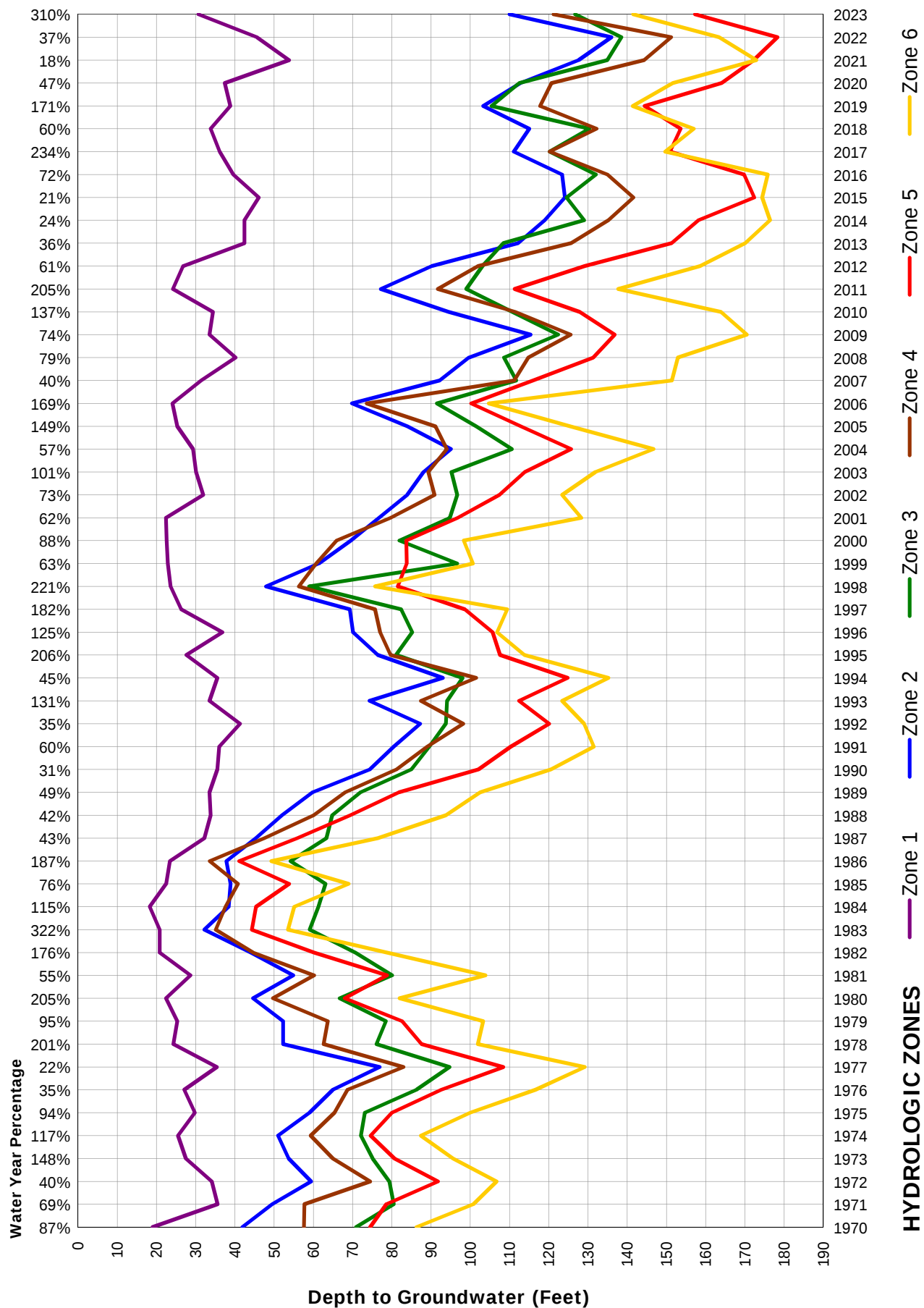
FALL 2022 - FALL 2023

HYDROLOGIC ZONE	NUMBER OF WELLS COMPARED	FALL 2022 AVERAGE DEPTH TO WATER	FALL 2023 AVERAGE DEPTH TO WATER	AVERAGE CHANGE IN DEPTH
1	9	45.6	30.7	14.9
2	14	133.5	104.9	28.6
3	11	138.5	128.8	9.6
4	34	149.8	120.9	28.9
5	53	177.3	157.9	19.4
6	85	173.7	138.2	35.5
TOTAL	206	160.5	132.9	27.5

Historical Average Depth to Groundwater (Fall Measurement)



Annual Average Fall Groundwater Depths



KAWEAH DELTA WATER CONSERVATION DISTRICT

AVERAGE DEPTH TO GROUNDWATER (FALL)

(DATA FROM NEW HYDROLOGIC ZONES)

Year	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	District	% WY
1970	19.0	41.9	70.9	57.6	74.5	86.3	68.4	87%
1971	35.6	49.5	80.5	57.7	78.6	100.8	74.7	69%
1972	34.1	59.4	79.4	74.5	91.8	106.7	85.4	40%
1973	27.5	53.7	75.1	65.0	80.7	95.6	76.2	148%
1974	25.5	51.0	72.1	59.3	74.6	87.4	69.9	117%
1975	29.8	59.0	73.1	65.4	80.0	100.0	79.3	94%
1976	27.1	65.0	86.3	68.7	92.6	116.6	87.2	35%
1977	35.4	76.9	94.7	83.0	108.4	129.2	101.0	22%
1978	24.3	52.3	76.1	62.6	87.6	101.9	78.5	201%
1979	25.3	52.3	78.5	63.7	82.6	103.3	77.9	95%
1980	22.4	44.6	66.7	49.7	68.0	82.0	63.5	205%
1981	28.7	54.9	80.1	60.2	78.8	103.9	77.1	55%
1982	20.8	44.1	70.7	44.7	60.2	78.8	59.6	176%
1983	20.8	32.2	59.1	35.1	44.3	53.5	44.0	322%
1984	18.3	38.4	61.3	37.6	45.4	55.1	45.9	115%
1985	22.5	38.9	63.1	40.8	53.8	69.0	53.2	76%
1986	23.4	37.8	54.2	33.6	41.1	49.3	41.4	187%
1987	32.2	45.3	63.3	47.5	55.9	76.4	57.6	43%
1988	33.8	52.0	64.8	60.1	69.4	93.8	69.7	42%
1989	33.5	59.8	72.0	68.1	81.8	102.5	79.1	49%
1990	35.5	74.4	85.0	81.2	102.1	120.6	95.6	31%
1991	36.0	80.5	89.5	89.0	110.3	131.5	104.3	60%
1992	41.3	87.2	93.8	98.2	120.1	129.0	109.4	35%
1993	33.5	74.3	94.1	87.4	112.4	123.4	102.3	131%
1994	35.5	93.0	98.0	101.5	124.8	135.2	114.2	45%
1995	27.6	76.4	81.1	79.7	107.6	113.8	97.2	206%
1996	36.8	70.1	85.2	77.0	105.7	106.8	93.3	125%
1997	26.3	69.3	82.4	75.7	98.6	109.4	89.8	182%
1998	23.6	47.9	58.9	56.3	81.5	75.7	69.0	221%
1999	22.9	61.4	96.7	60.7	83.8	100.7	79.5	63%
2000	22.6	69.5	81.9	65.9	83.7	98.3	78.2	88%
2001	22.4	76.7	94.8	79.7	96.8	128.3	95.6	62%
2002	31.9	83.9	96.7	90.9	107.4	123.4	100.9	73%
2003	30.1	88.1	95.2	89.3	113.9	131.9	106.6	101%
2004	29.3	95.1	110.6	94.0	125.7	146.7	116.7	57%
2005	25.3	84.0	101.5	91.1	112.9	125.5	104.8	149%
2006	24.1	69.8	91.5	73.6	100.2	104.7	91.1	169%
2007	31.4	92.2	111.7	111.2	115.9	151.4	117.3	40%
2008	40.2	99.6	108.6	114.8	131.3	152.9	124.0	79%
2009	33.5	115.4	122.4	125.6	136.8	170.5	134.6	74%
2010	34.4	94.5	110.7	111.5	127.9	163.9	124.3	137%
2011	24.2	77.2	99.0	91.7	111.3	137.7	107.8	205%
2012	26.8	90.2	103.1	102.0	129.2	158.6	123.3	61%
2013	42.4	112.2	108.4	125.7	151.3	170.1	141.1	36%
2014	42.4	119.0	129.0	135.2	158.2	176.4	151.3	24%
2015	46.1	124.1	124.5	141.6	172.4	174.4	155.9	21%
2016	39.6	123.4	132.0	135.0	169.8	175.8	155.7	72%
2017	36.1	111.1	120.2	120.2	150.9	149.7	136.9	234%
2018	33.8	115.0	130.4	132.2	153.6	157.0	142.9	60%
2019	38.8	103.3	105.4	117.8	144.4	141.4	131.9	171%
2020	37.4	112.8	112.5	120.7	164.0	151.6	143.6	47%
2021	53.8	127.6	134.9	144.3	172.2	172.9	159.4	18%
2022	45.6	136.0	138.5	151.2	178.3	163.4	158.3	37%
2023	30.7	110.0	126.7	121.2	157.3	141.5	135.1	310%

KAWEAH DELTA WATER CONSERVATION DISTRICT

WELLS REMOVED FROM LAST YEAR'S ANNUAL REPORT					
AGENCY CODE	WELL NUMBER	HYDROLOGIC ZONE	AGENCY CODE	WELL NUMBER	HYDROLOGIC ZONE
5129	19S22E11R002M	6	5129	19S23E08J002M	6
5129	19S22E36E002M	6	5129	20S22E20A003M	6

KAWEAH DELTA WATER CONSERVATION DISTRICT

WELLS ADDED TO LAST YEAR'S ANNUAL REPORT					
AGENCY CODE	WELL NUMBER	HYDROLOGIC ZONE	AGENCY CODE	WELL NUMBER	HYDROLOGIC ZONE
5603	18S23E30D001M	6	5604	20S24E07F001M	5
5604	19S23E26B001M	5	5604	20S24E14R001M	5
5604	19S24E17A001M	5	5604	20S24E18F001M	5
5604	19S25E19B001M	5	5604	20S25E04B001M	5
5604	19S25E29B001M	5	5604	20S25E17J001M	5
5603	20S21E24F001M	6	5603	21S22E07J001M	6
5604	20S22E12H001M	5	5604	21S23E05E002M	5
5604	20S23E15A001M	5	5604	21S23E08F002M	5
5604	20S23E18R001M	5			

KAWEAH DELTA WATER CONSERVATION DISTRICT GROUNDWATER DATA

WELL IDENTIFICATION			DEPTH TO WATER (FEET)					
			SPRING			FALL		
Agency	WELL NUMBER	HYDROLOGIC ZONE	SPRING 2022	SPRING 2023	SPRING CHANGE	FALL 2022	FALL 2023	FALL CHANGE
5603	17S23E34J001M	2	113.4	82.5	30.9	123.5	67.4	56.1
5603	17S24E26A001M	2	118.8	122.5	-3.7	131.1	120.5	10.6
5603	17S24E27D001M	2	85.7	65.8	19.9	84.2	51.3	32.9
5603	17S24E29F001M	2	61.9	64.8	-2.9	63.2	64.1	-0.9
5603	17S24E30L001M	2	120.0	82.8	37.2	150.4	77.1	73.3
5603	17S24E32F001M	2	109.1	113.8	-4.7	-	129.4	-
5603	17S24E36H003M	2	155.6	135.4	20.2	148.1	128.1	20.0
5603	17S25E30H002M	2	156.1	-	-	171.9	168.4	3.5
5603	17S26E36R001M	1	35.9	14.0	21.9	-	-	-
5129	18S22E24D001M	6	151.1	135.5	15.6	153.5	134.1	19.4
5129	18S22E32J002M	6	-	87.2	-	-	183.0	-
5603	18S22E34R001M	6	119.2	126.1	-6.9	126.8	99.8	27.0
5603	18S23E02Q001M	2	105.0	109.8	-4.8	113.0	104.9	8.1
5129	18S23E04P001M	6	-	180.2	-	-	169.0	-
5129	18S23E04Q001M	6	153.7	134.2	19.5	276.5	172.7	103.8
5603	18S23E13H002M	2	173.1	141.3	31.8	209.4	151.0	58.4
5129	18S23E16Q001M	6	-	-	-	-	-	-
5129	18S23E16R002M	6	-	133.4	-	-	-	-
5129	18S23E18C001M	6	143.7	131.8	11.9	174.9	148.9	26.0
5129	18S23E21J002M	6	-	207.0	-	236.2	204.3	31.9
5129	18S23E21Q001M	6	120.9	118.5	2.4	123.8	118.6	5.2
5129	18S23E21R001M	6	200.5	-	-	237.5	203.0	34.5
5129	18S23E28B001M	6	122.5	121.8	0.7	131.8	120.8	11.0
5129	18S23E28B002M	6	201.6	196.2	5.4	223.2	213.2	10.0
5129	18S23E28R001M	6	-	136.7	-	150.6	133.5	17.1
5129	18S23E28R002M	6	160.2	139.5	20.7	167.9	150.5	17.4
5129	18S23E29D001M	6	94.2	96.9	-2.7	95.6	80.1	15.5
5129	18S23E29H001M	6	165.8	134.8	31.0	193.2	175.3	17.9
5603	18S23E30D001M	6	223.9	-	-	278.5	-	-
5129	18S23E32B001M	6	-	162.2	-	253.3	221.3	32.0
5129	18S23E33C001M	6	193.9	127.0	66.9	141.8	133.8	8.0
5129	18S23E33J001M	6	142.7	-	-	-	-	-
5603	18S23E33J002M	6	221.6	153.5	68.1	233.0	190.9	42.1
5603	18S23E35C001M	3	145.9	138.5	7.4	152.3	140.1	12.2
5603	18S24E03M001M	2	143.7	138.4	5.3	165.2	110.6	54.6
5603	18S24E07A001M	2	172.9	111.4	61.5	142.3	106.9	35.4
5603	18S24E15R003M	2	153.1	152.9	0.2	-	140.0	-
5603	18S24E22E001M	2	158.8	153.1	5.7	171.1	-	-
5603	18S24E23G001M	3	151.1	151.0	0.1	165.0	144.5	20.5

KAWEAH DELTA WATER CONSERVATION DISTRICT GROUNDWATER DATA

WELL IDENTIFICATION			DEPTH TO WATER (FEET)					
			SPRING			FALL		
Agency	WELL NUMBER	HYDROLOGIC ZONE	SPRING 2022	SPRING 2023	SPRING CHANGE	FALL 2022	FALL 2023	FALL CHANGE
5603	18S24E31M001M	3	138.4	124.5	13.9	144.8	120.5	24.3
5603	18S25E05Q001M	2	141.0	145.5	-4.5	151.0	139.0	12.0
5603	18S25E06P001M	2	139.4	142.7	-3.3	-	131.4	-
5603	18S25E15C001M	2	105.9	79.5	26.4	79.5	77.5	2.0
5603	18S25E16F001M	2	127.4	129.3	-1.9	136.3	102.1	34.2
5603	18S25E23H002M	3	100.0	75.9	24.1	-	52.0	-
5603	18S25E25R002M	3	87.3	88.9	-1.6	99.4	69.3	30.1
5603	18S25E28R001M	3	-	82.6	-	95.1	80.5	14.6
5603	18S25E34A002M	4	108.0	113.3	-5.3	120.0	93.6	26.4
5603	18S26E02D002M	1	68.7	-	-	68.8	62.1	6.7
5603	18S26E12F001M	1	25.5	21.9	3.6	38.3	20.3	18.0
5603	18S26E14E001M	1	17.1	-	-	17.3	11.5	5.8
5603	18S26E16P001M	4	25.0	19.1	5.9	28.2	15.6	12.6
5603	18S26E17L001M	1	36.1	19.7	16.4	36.0	25.1	10.9
5603	18S26E19P001M	3	61.3	52.8	8.5	68.7	29.2	39.5
5603	18S26E24J003M	1	66.8	51.6	15.2	85.6	46.8	38.8
5603	18S26E26E001M	1	28.8	63.5	-34.7	83.6	54.6	29.0
5603	18S26E27B001M	4	29.4	23.0	6.4	29.3	19.0	10.3
5603	18S26E29M001M	4	54.1	48.3	5.8	65.4	30.4	35.0
5603	18S27E05D001M	1	23.1	10.3	12.8	27.1	16.9	10.2
5603	18S27E05J001M	1	23.1	14.1	9.0	22.9	20.0	2.9
5603	18S27E18A001M	1	22.2	18.2	4.0	30.8	19.4	11.4
5603	19S21E12Q001M	6	76.9	76.5	0.4	120.3	76.4	43.9
5627	19S21E13A001M	6	87.7	90.2	-2.5	89.7	89.4	0.4
5627	19S21E13C003M	6	140.0	-	-	177.0	140.2	36.8
5627	19S21E13J001M	6	104.5	105.7	-1.2	110.3	104.1	6.3
5129	19S21E14K001M	6	-	208.9	-	-	200.0	-
5627	19S21E23A002M	6	165.6	-	-	165.0	159.7	5.3
5627	19S21E24H002M	6	214.5	192.4	22.1	251.3	197.2	54.1
5627	19S21E25J001M	6	97.5	99.8	-2.3	101.4	101.2	0.2
5627	19S21E26B001M	6	201.0	186.9	14.1	224.4	167.0	57.4
5129	19S22E01R001M	6	123.3	116.7	6.6	129.5	104.0	25.5
5627	19S22E03J001M	6	140.1	135.6	4.5	142.7	121.2	21.6
5627	19S22E04B001M	6	145.9	-	-	150.5	150.5	0.1
5627	19S22E07K002M	6	166.8	152.4	14.4	180.3	157.6	22.7
5603	19S22E08D002M	6	244.9	203.8	41.1	282.7	218.7	64.0
5627	19S22E09H001M	6	178.9	163.0	15.9	-	163.2	-
5627	19S22E10C002M	6	132.7	143.0	-10.3	143.2	116.2	27.0
5603	19S22E10R002M	6	137.5	135.8	1.7	150.6	94.6	56.0

KAWEAH DELTA WATER CONSERVATION DISTRICT GROUNDWATER DATA

WELL IDENTIFICATION			DEPTH TO WATER (FEET)					
			SPRING			FALL		
Agency	WELL NUMBER	HYDROLOGIC ZONE	SPRING 2022	SPRING 2023	SPRING CHANGE	FALL 2022	FALL 2023	FALL CHANGE
5627	19S22E11B001M	6	-	130.3	-	132.5	-	-
5129	19S22E13A001M	6	128.0	170.0	-42.0	134.5	-	-
5627	19S22E14M001M	6	168.4	153.5	14.9	195.5	138.5	57.0
5603	19S22E14N001M	6	137.9	139.4	-1.5	145.6	127.0	18.6
5627	19S22E15M001M	6	-	154.1	-	164.1	135.2	28.9
5603	19S22E16A003M	6	139.3	133.9	5.4	148.5	88.9	59.6
5627	19S22E17A001M	6	165.8	186.0	-20.2	185.0	-	-
5627	19S22E18R001M	6	196.9	170.5	26.4	217.2	183.6	33.6
5627	19S22E19M001M	6	139.4	128.9	10.5	151.9	-	-
5627	19S22E20A001M	6	188.5	166.0	22.5	-	179.1	-
5627	19S22E20C002M	6	128.4	128.2	0.2	134.6	123.1	11.5
5603	19S22E21C001M	6	145.5	145.7	-0.2	153.9	139.9	14.0
5627	19S22E21J001M	6	216.1	178.1	38.0	229.5	170.1	59.4
5129	19S22E23A001M	6	119.5	125.0	-5.5	127.1	112.8	14.3
5627	19S22E23J001M	6	124.8	136.8	-12.0	130.0	112.6	17.4
5604	19S22E24A001M	6	122.0	-	-	110.0	79.0	31.0
5603	19S22E24B001M	6	-	113.1	-	-	101.4	-
5129	19S22E24H001M	6	-	-	-	-	-	-
5129	19S22E24N001M	6	-	-	-	115.0	103.8	11.2
5627	19S22E26C002M	6	-	-	-	131.3	-	-
5627	19S22E27A001M	6	-	192.6	-	-	181.8	-
5627	19S22E27C001M	6	179.2	159.7	19.5	198.4	149.8	48.6
5627	19S22E27P001M	6	156.9	148.0	8.9	-	137.7	-
5627	19S22E28C001M	6	174.5	162.0	12.5	190.1	280.2	-90.1
5603	19S22E28D001M	6	132.3	129.2	3.1	138.8	118.6	20.2
5627	19S22E28E001M	6	151.2	137.2	14.0	159.4	-	-
5627	19S22E29D001M	6	196.2	172.2	24.0	-	182.9	-
5603	19S22E30D001M	6	87.4	87.8	-0.4	90.5	85.0	5.5
5627	19S22E30E001M	6	137.0	129.9	7.1	149.1	125.6	23.5
5603	19S22E31B003M	6	119.7	107.0	12.7	125.0	100.2	24.8
5627	19S22E33B001M	6	130.0	107.0	23.0	134.0	118.0	16.0
5627	19S22E34L001M	6	133.8	136.0	-2.2	139.1	125.7	13.4
5604	19S22E36A001M	6	137.0	136.0	1.0	139.0	150.0	-11.0
5627	19S22E36E001M	6	120.3	122.3	-2.0	126.4	117.4	9.0
5129	19S22E36E003M	6	137.7	130.0	7.7	143.9	120.0	23.9
5129	19S22E36E004M	6	121.1	124.5	-3.4	128.9	118.1	10.8
5603	19S23E02F002M	3	216.3	-	-	-	177.6	-
5129	19S23E06H001M	6	125.4	115.5	9.9	124.3	-	-
5129	19S23E08C001M	6	-	130.9	-	175.5	131.7	43.8

KAWEAH DELTA WATER CONSERVATION DISTRICT GROUNDWATER DATA

WELL IDENTIFICATION			DEPTH TO WATER (FEET)					
			SPRING			FALL		
Agency	WELL NUMBER	HYDROLOGIC ZONE	SPRING 2022	SPRING 2023	SPRING CHANGE	FALL 2022	FALL 2023	FALL CHANGE
5604	19S23E10P001M	3	-	216.0	-	143.0	199.0	-56.0
5603	19S23E10R001M	3	132.1	132.0	0.1	100.5	124.8	-24.3
5604	19S23E17R001M	5	134.0	-	-	133.0	-	-
5129	19S23E18A001M	6	204.2	176.2	28.0	-	202.8	-
5604	19S23E19H001M	5	128.0	120.0	8.0	123.0	107.0	16.0
5604	19S23E20C001M	5	128.0	126.0	2.0	130.0	101.0	29.0
5604	19S23E21P001M	5	-	-	-	152.0	-	-
5604	19S23E23D001M	5	148.0	128.0	20.0	-	97.0	-
5604	19S23E24L001M	5	154.0	150.0	4.0	-	141.0	-
5604	19S23E25C001M	5	155.0	160.0	-5.0	163.0	149.0	14.0
5604	19S23E25L002M	5	183.0	204.0	-21.0	192.0	194.0	-2.0
5604	19S23E26B001M	5	-	127.0	-	-	114.0	-
5604	19S23E27A001M	5	149.0	151.0	-2.0	164.0	132.0	32.0
5604	19S23E27L001M	5	146.0	-	-	153.0	-	-
5604	19S23E30H002M	5	126.0	136.0	-10.0	135.0	112.0	23.0
5604	19S23E31R001M	5	149.0	-	-	154.0	-	-
5604	19S23E33D001M	5	160.0	164.0	-4.0	167.0	150.0	17.0
5604	19S23E35H001M	5	188.0	184.0	4.0	185.0	160.0	25.0
5604	19S23E36J001M	5	199.0	205.0	-6.0	207.0	193.0	14.0
5603	19S24E02C001M	3	162.7	165.6	-2.9	171.2	166.0	5.2
5604	19S24E10G001M	3	199.0	192.0	7.0	197.0	181.0	16.0
5604	19S24E13C002M	3	175.0	179.0	-4.0	186.0	162.0	24.0
5603	19S24E15R001M	5	187.1	-	-	-	177.0	-
5604	19S24E16N001M	5	197.0	-	-	219.0	-	-
5604	19S24E17A001M	5	-	-	-	-	-	-
5604	19S24E17B001M	5	-	213.0	-	215.0	198.0	17.0
5604	19S24E17L001M	5	185.0	181.0	4.0	195.0	170.0	25.0
5604	19S24E18R001M	5	-	188.0	-	189.0	-	-
5604	19S24E19L001M	5	173.0	176.0	-3.0	181.0	142.0	39.0
5604	19S24E20F001M	5	151.0	-	-	155.0	-	-
5604	19S24E20J001M	5	191.0	215.0	-24.0	200.0	148.0	52.0
5604	19S24E22E001M	5	189.0	-	-	199.0	-	-
5604	19S24E23D001M	5	211.0	206.0	5.0	210.0	175.0	35.0
5604	19S24E24A003M	5	-	167.0	-	171.0	158.0	13.0
5604	19S24E24R001M	5	180.0	177.0	3.0	187.0	169.0	18.0
5604	19S24E25C001M	5	186.0	195.0	-9.0	198.0	190.0	8.0
5604	19S24E27C001M	5	218.0	193.0	25.0	224.0	184.0	40.0
5604	19S24E27Q001M	5	213.0	185.0	28.0	-	180.0	-
5604	19S24E28H001M	5	190.0	195.0	-5.0	194.0	170.0	24.0

KAWEAH DELTA WATER CONSERVATION DISTRICT GROUNDWATER DATA

WELL IDENTIFICATION			DEPTH TO WATER (FEET)					
			SPRING			FALL		
Agency	WELL NUMBER	HYDROLOGIC ZONE	SPRING 2022	SPRING 2023	SPRING CHANGE	FALL 2022	FALL 2023	FALL CHANGE
5604	19S24E29R001M	5	205.0	-	-	208.0	-	-
5604	19S24E30J001M	5	186.0	169.0	17.0	175.0	135.0	40.0
5604	19S24E33A002M	5	212.0	210.0	2.0	213.0	215.0	-2.0
5604	19S24E34D001M	5	200.0	-	-	213.0	-	-
5603	19S25E01P002M	4	107.6	114.6	-7.0	119.1	98.6	20.5
5603	19S25E09H001M	4	132.2	139.4	-7.2	147.5	128.1	19.4
5603	19S25E13A002M	4	117.3	124.3	-7.0	129.2	107.3	21.9
5603	19S25E16A002M	4	134.9	135.7	-0.8	152.4	124.6	27.8
5604	19S25E17H001M	4	138.0	-	-	148.0	-	-
5604	19S25E19B001M	5	-	145.0	-	-	135.0	-
5604	19S25E19H001M	5	185.0	185.0	-	178.0	176.0	2.0
5603	19S25E23R001M	4	-	128.6	-	-	108.5	-
5603	19S25E25H001M	4	139.1	140.4	-1.3	158.4	116.6	41.8
5603	19S25E27A001M	4	143.3	149.8	-6.5	158.8	117.4	41.4
5604	19S25E28B001M	4	-	163.0	-	167.0	125.0	42.0
5603	19S25E28H001M	4	150.0	157.7	-7.7	167.5	130.9	36.6
5604	19S25E29B001M	5	-	-	-	-	-	-
5604	19S25E29N001M	5	155.0	-	-	161.0	144.0	17.0
5603	19S26E05C001M	4	84.4	72.6	11.8	91.4	47.1	44.3
5603	19S26E16J002M	4	141.6	146.3	-4.7	160.1	145.6	14.5
5603	19S26E17K001M	4	127.3	132.7	-5.4	141.1	120.5	20.6
5603	19S26E20A001M	4	135.1	134.2	0.9	149.8	133.7	16.1
5603	19S26E28E001M	4	-	-	-	-	-	-
5627	20S21E01A001M	6	265.4	208.1	57.3	268.0	186.0	82.0
5627	20S21E01L001M	6	275.0	208.7	66.3	281.0	207.8	73.2
5603	20S21E24F001M	6	391.6	-	-	433.0	270.8	162.2
5129	20S21E36P001M	6	13.6	12.2	1.4	15.5	11.7	3.9
5604	20S22E01H001M	6	142.0	152.0	-10.0	149.0	94.0	55.0
5129	20S22E01Q001M	6	132.1	140.4	-8.3	143.9	112.6	31.3
5627	20S22E03B001M	6	153.4	148.9	4.5	155.1	136.1	19.0
5603	20S22E03K001M	6	183.5	103.2	80.3	165.0	127.0	38.0
5627	20S22E03P001M	6	-	129.0	-	131.5	120.1	11.4
5627	20S22E04C001M	6	125.8	119.4	6.4	134.5	110.3	24.2
5627	20S22E04D001M	6	114.0	118.8	-4.8	121.0	106.8	14.2
5627	20S22E06H001M	6	215.0	177.5	37.5	227.0	167.6	59.4
5603	20S22E06N001M	6	111.9	102.7	9.2	118.2	92.5	25.7
5627	20S22E07A004M	6	212.3	182.0	30.3	240.8	154.3	86.5
5627	20S22E07M001M	6	-	187.2	-	230.3	177.9	52.4
5603	20S22E08A002M	6	352.0	215.8	136.2	340.0	194.8	145.2

KAWEAH DELTA WATER CONSERVATION DISTRICT GROUNDWATER DATA

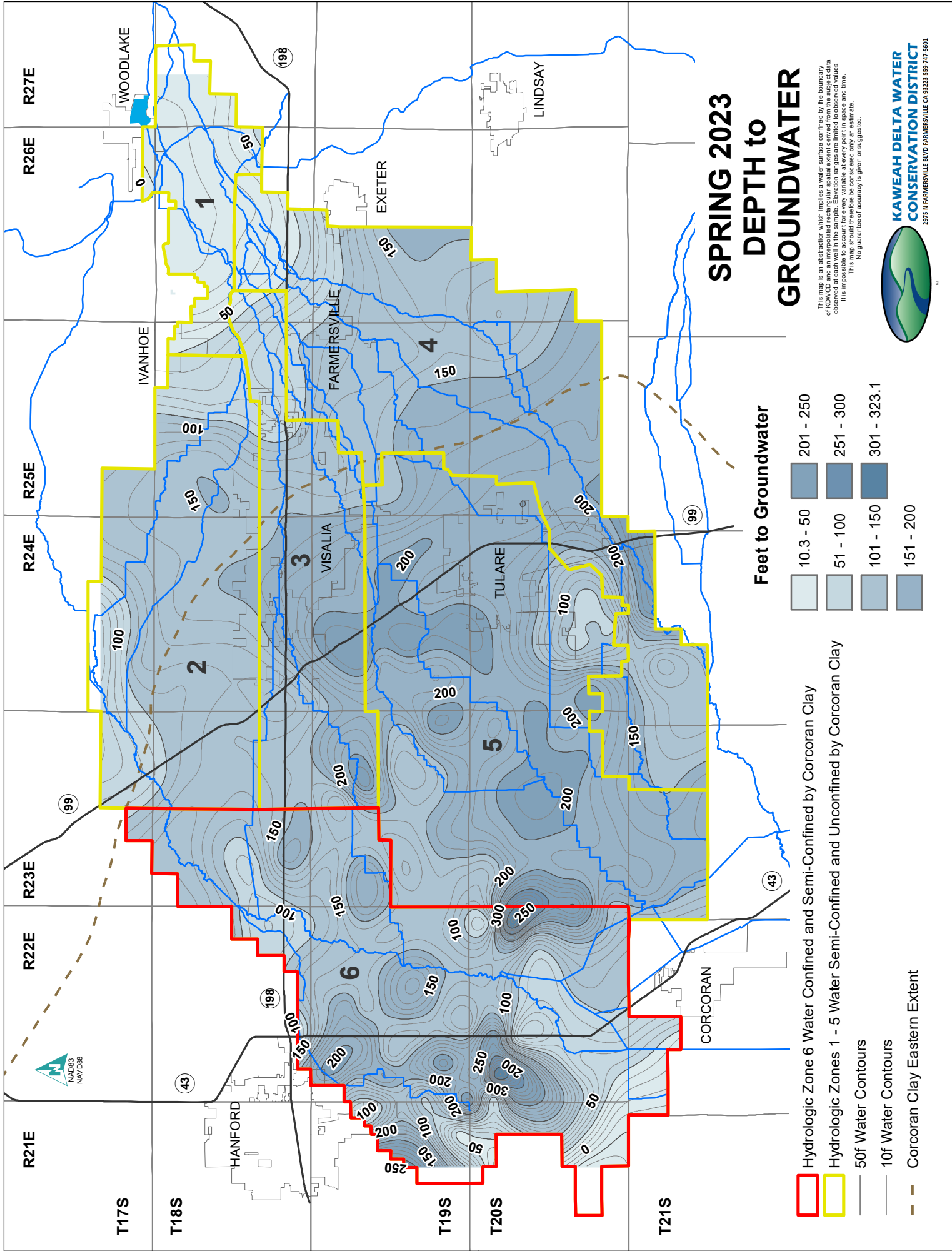
WELL IDENTIFICATION			DEPTH TO WATER (FEET)					
			SPRING			FALL		
Agency	WELL NUMBER	HYDROLOGIC ZONE	SPRING 2022	SPRING 2023	SPRING CHANGE	FALL 2022	FALL 2023	FALL CHANGE
5627	20S22E08J001M	6	100.3	94.4	5.9	101.9	82.5	19.4
5603	20S22E10H001M	6	155.4	143.7	11.7	161.1	126.3	34.8
5603	20S22E10H003M	6	173.2	-	-	181.1	134.9	46.2
5603	20S22E10J001M	6	186.9	-	-	189.8	139.6	50.2
5603	20S22E11D001M	6	154.2	140.2	14.0	154.1	123.8	30.3
5604	20S22E12H001M	5	-	-	-	-	-	-
5603	20S22E12L001M	6	313.2	323.1	-9.9	334.8	222.9	111.9
5603	20S22E13E001M	6	174.9	153.9	21.0	181.8	140.5	41.3
5129	20S22E14C001M	6	-	-	-	-	-	-
5129	20S22E20A002M	6	70.0	71.1	-1.1	74.2	44.4	29.8
5129	20S22E23M001M	6	-	-	-	-	-	-
5603	20S22E24R001M	6	315.6	249.8	65.8	340.0	226.5	113.5
5129	20S22E25A001M	6	-	-	-	-	-	-
5129	20S22E25H001M	6	-	-	-	-	-	-
5603	20S22E27A001M	6	123.0	116.5	6.5	136.9	47.2	89.7
5129	20S22E28H001M	6	-	-	-	-	-	-
5603	20S22E33F001M	6	103.4	96.5	6.9	109.8	61.4	48.4
5129	20S22E35L001M	6	-	-	-	-	-	-
5603	20S22E36A001M	6	148.5	151.1	-2.6	160.8	108.3	52.5
5604	20S23E02L001M	5	198.0	204.0	-6.0	206.0	-	-
5604	20S23E04J001M	5	182.0	175.0	7.0	181.0	165.0	16.0
5604	20S23E08H001M	5	167.0	190.0	-23.0	172.0	173.0	-1.0
5604	20S23E09J002M	5	183.0	208.0	-25.0	192.0	190.0	2.0
5604	20S23E12A001M	5	182.0	168.0	14.0	-	154.0	-
5604	20S23E12B003M	5	182.0	175.0	7.0	194.0	161.0	33.0
5604	20S23E13L001M	5	203.0	210.0	-7.0	214.0	200.0	14.0
5604	20S23E15A001M	5	-	-	-	-	-	-
5604	20S23E16J001M	5	200.0	213.0	-13.0	-	202.0	-
5604	20S23E17D001M	5	179.0	188.0	-9.0	196.0	177.0	19.0
5604	20S23E18R001M	5	-	178.0	-	-	-	-
5604	20S23E19J001M	5	187.0	198.0	-11.0	194.0	188.0	6.0
5604	20S23E21B001M	5	197.0	207.0	-10.0	205.0	188.0	17.0
5604	20S23E24K001M	5	182.0	182.0	-	187.0	176.0	11.0
5604	20S23E25J002M	4	-	205.0	-	206.0	199.0	7.0
5604	20S23E26C001M	5	186.0	204.0	-18.0	211.0	172.0	39.0
5604	20S23E27Q001M	5	185.0	183.0	2.0	194.0	158.0	36.0
5604	20S23E27R001M	5	179.0	185.0	-6.0	188.0	185.0	3.0
5604	20S23E29J002M	5	186.0	190.0	-4.0	196.0	171.0	25.0
5604	20S23E30R001M	5	193.0	-	-	214.0	-	-

KAWEAH DELTA WATER CONSERVATION DISTRICT GROUNDWATER DATA

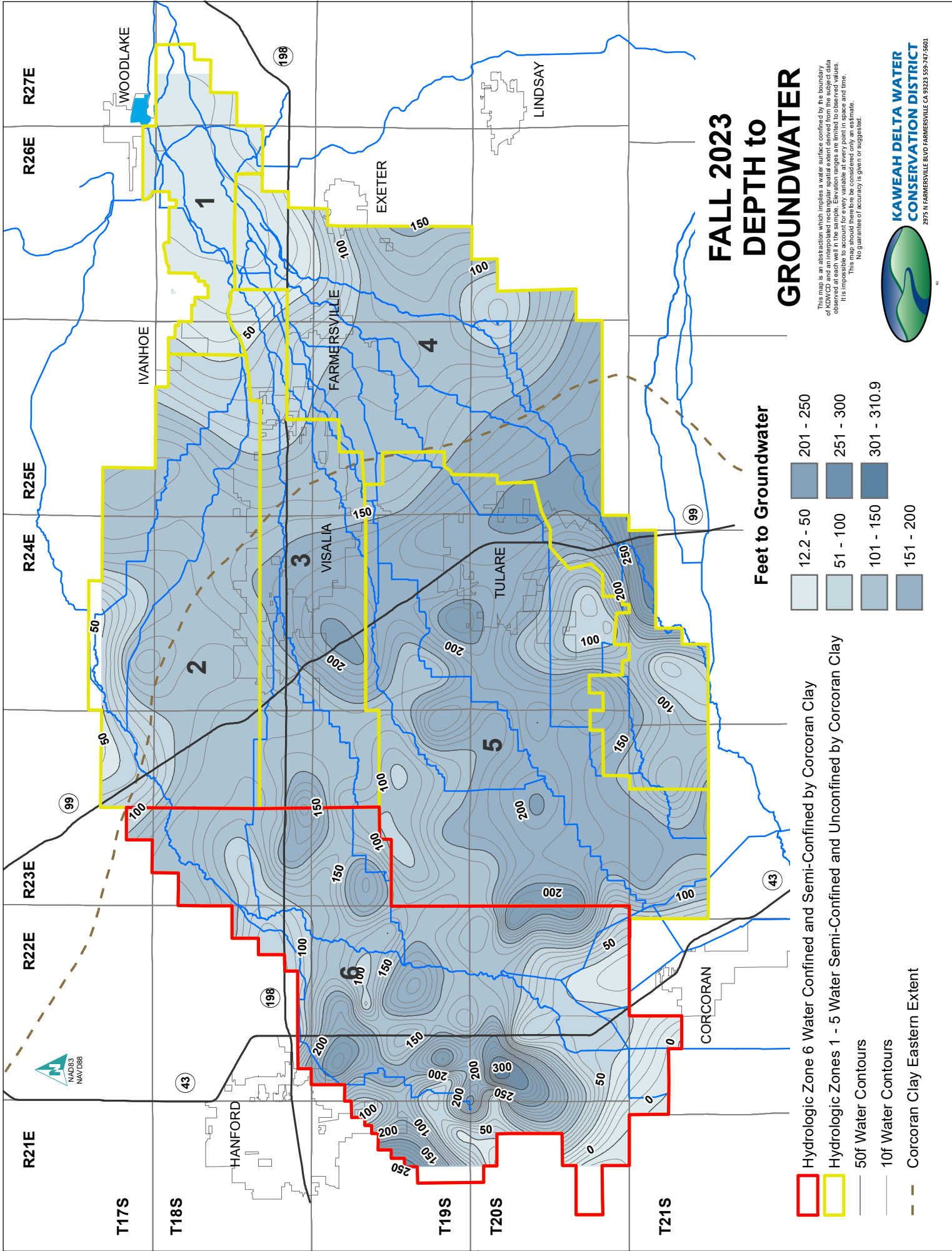
WELL IDENTIFICATION			DEPTH TO WATER (FEET)					
			SPRING			FALL		
Agency	WELL NUMBER	HYDROLOGIC ZONE	SPRING 2022	SPRING 2023	SPRING CHANGE	FALL 2022	FALL 2023	FALL CHANGE
5603	20S23E35Q001M	4	171.3	162.9	8.4	177.1	157.6	19.5
5603	20S23E35Q002M	4	156.8	-	-	-	143.5	-
5604	20S24E04D001M	5	215.0	213.0	2.0	218.0	199.0	19.0
5604	20S24E04E001M	5	225.0	230.0	-5.0	228.0	214.0	14.0
5604	20S24E06A001M	5	201.0	208.0	-7.0	211.0	-	-
5604	20S24E07C001M	5	186.0	-	-	202.0	-	-
5604	20S24E07F001M	5	-	196.0	-	-	181.0	-
5604	20S24E08R001M	5	164.0	166.0	-2.0	167.0	-	-
5604	20S24E14R001M	5	-	-	-	-	-	-
5604	20S24E15P001M	5	158.0	-	-	-	-	-
5604	20S24E16H001M	5	144.0	153.0	-9.0	151.0	155.0	-4.0
5604	20S24E17A002M	5	152.0	155.0	-3.0	158.0	143.0	15.0
5604	20S24E17P001M	5	129.0	-	-	137.0	-	-
5604	20S24E18F001M	5	-	-	-	-	-	-
5604	20S24E27L001M	5	116.0	94.0	22.0	103.0	89.0	14.0
5604	20S24E28L001M	5	109.0	103.0	6.0	113.0	95.0	18.0
5604	20S24E29B001M	5	111.0	101.0	10.0	114.0	97.0	17.0
5604	20S24E30J002M	4	149.0	192.0	-43.0	199.0	179.0	20.0
5604	20S24E33C001M	5	102.0	96.0	6.0	103.0	90.0	13.0
5603	20S25E01D001M	4	145.2	154.0	-8.8	151.5	-	-
5603	20S25E03R001M	4	154.3	155.6	-1.3	176.9	138.4	38.5
5604	20S25E04B001M	5	-	-	-	-	-	-
5604	20S25E06C001M	5	178.0	-	-	-	-	-
5603	20S25E12A001M	4	146.4	121.0	25.4	163.3	79.4	83.9
5603	20S25E14F004M	4	154.4	148.8	5.6	178.4	125.1	53.3
5603	20S25E16J002M	4	174.7	-	-	199.8	-	-
5604	20S25E17J001M	5	-	-	-	-	-	-
5604	20S25E18M001M	5	193.0	195.0	-2.0	198.0	205.0	-7.0
5603	20S25E24R001M	4	168.7	157.6	11.1	177.4	153.5	23.9
5603	20S26E17B001M	4	182.9	164.6	18.3	205.5	188.4	17.1
5603	21S22E07J001M	6	352.1	-	-	396.6	262.6	134.0
5603	21S23E02A001M	4	176.0	162.9	13.1	182.9	143.0	39.9
5604	21S23E02C001M	4	151.0	164.0	-13.0	171.0	136.0	35.0
5604	21S23E03N001M	5	153.0	161.0	-8.0	163.0	150.0	13.0
5604	21S23E04A001M	5	-	201.0	-	203.0	-	-
5604	21S23E05A002M	5	165.0	-	-	-	-	-
5604	21S23E05E002M	5	-	-	-	-	-	-
5604	21S23E05R001M	5	191.0	196.0	-5.0	203.0	-	-
5604	21S23E06J001M	5	183.0	180.0	3.0	177.0	155.0	22.0

KAWEAH DELTA WATER CONSERVATION DISTRICT GROUNDWATER DATA

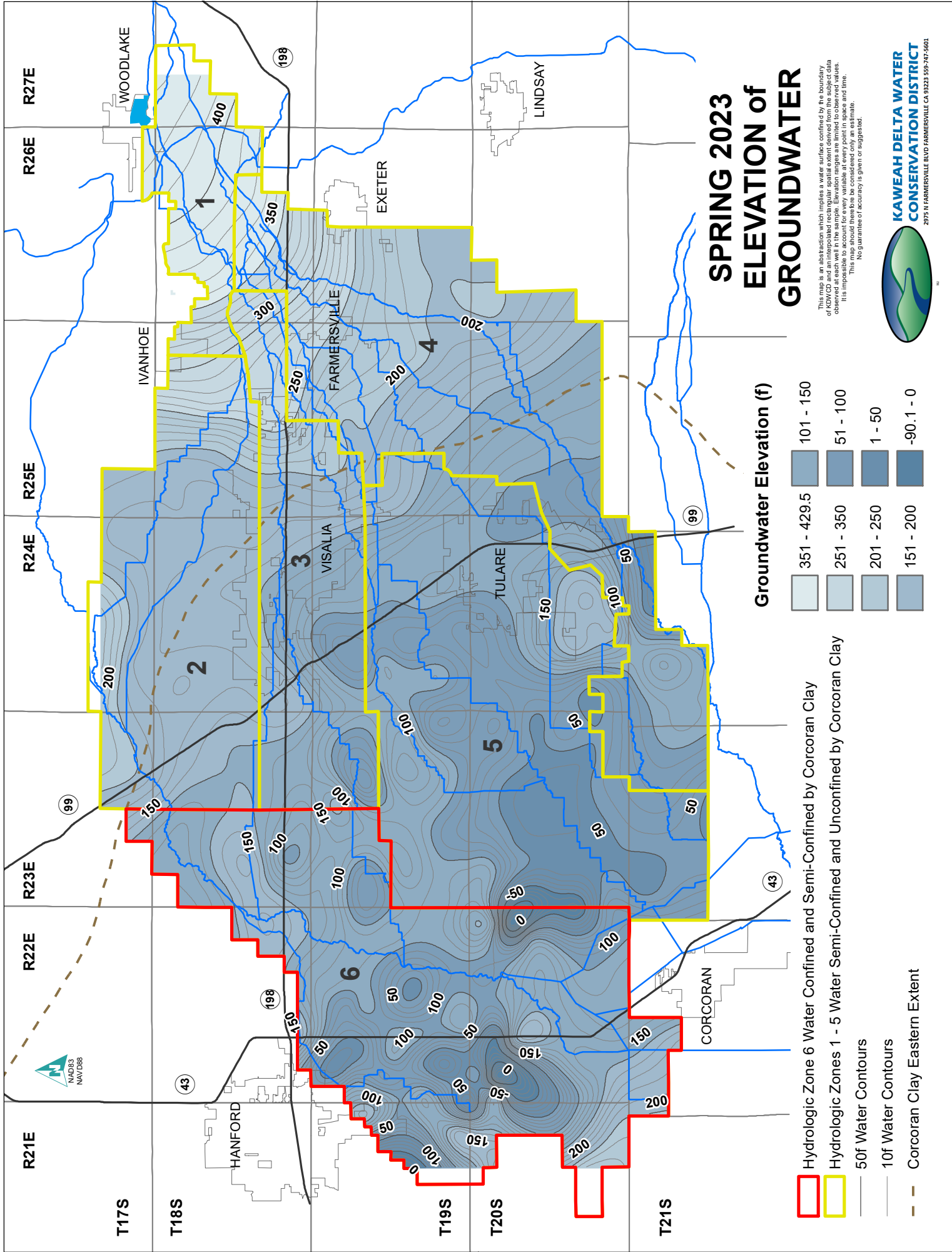
WELL IDENTIFICATION			DEPTH TO WATER (FEET)					
			SPRING			FALL		
Agency	WELL NUMBER	HYDROLOGIC ZONE	SPRING 2022	SPRING 2023	SPRING CHANGE	FALL 2022	FALL 2023	FALL CHANGE
5604	21S23E07J001M	5	-	163.0	-	168.0	133.0	35.0
5604	21S23E08F002M	5	-	-	-	-	-	-
5604	21S23E08R001M	5	186.0	171.0	15.0	198.0	155.0	43.0
5604	21S23E10J002M	5	140.0	149.0	-9.0	155.0	102.0	53.0
5603	21S23E13A002M	4	127.9	125.4	2.5	130.2	109.9	20.3
5604	21S23E15R002M	5	-	171.0	-	174.0	157.0	17.0
5604	21S23E21C002M	5	142.0	140.0	2.0	142.0	127.0	15.0
5604	21S23E21C003M	5	142.0	140.0	2.0	142.0	127.0	15.0
5603	21S24E03L001M	4	268.6	203.3	65.3	268.5	233.2	35.3
5604	21S24E04F001M	4	138.0	139.0	-1.0	144.0	117.0	27.0
5603	21S24E05H002M	4	127.0	134.1	-7.1	152.1	126.1	26.0
5603	21S24E07C001M	4	145.8	138.9	6.9	148.8	133.2	15.6
5603	21S24E08A001M	4	-	108.1	-	112.7	82.6	30.1
5604	21S24E12D001M	4	182.0	-	-	185.0	164.0	21.0
5603	21S24E18A001M	4	127.5	125.9	1.6	130.7	91.1	39.6

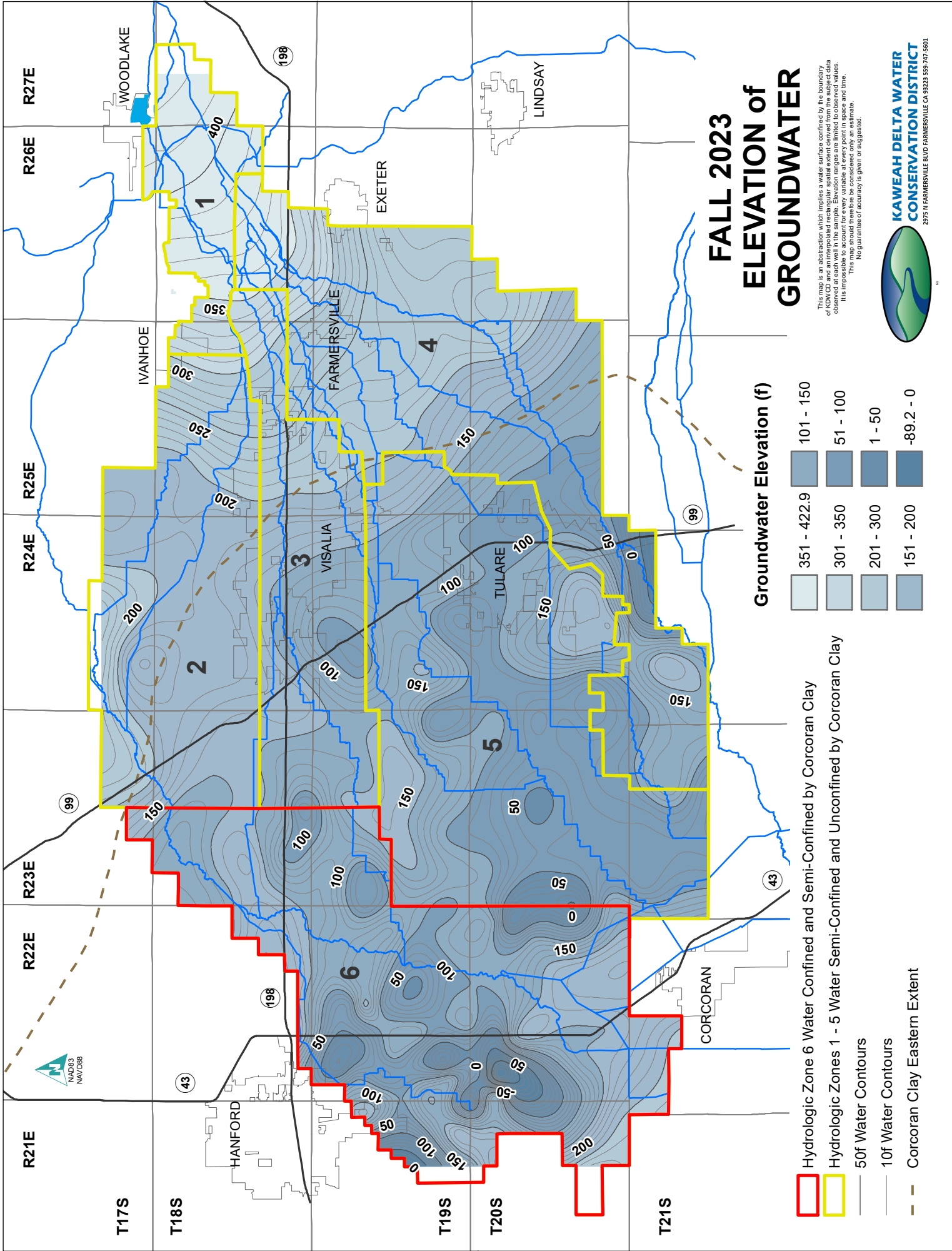


**KAWEAH DELTA WATER
CONSERVATION DISTRICT**
2975 N FARMERSVILLE BLVD FARMERSVILLE CA 93223 559-747-5601



**KAWEAH DELTA WATER
CONSERVATION DISTRICT**
2975 N FARMERSVILLE BLVD FARMERSVILLE CA 93223 559-747-5601





**KAWEAH DELTA WATER
CONSERVATION DISTRICT**
2975 N FARMERSVILLE BLVD FARMERSVILLE CA 93223 559-747-5601