INDIO SUBBASIN
ANNUAL REPORT

Final | February 2021

for Water Year

2019-2020

WATER DISTRICT

COACHELLA WATER AUTHORITY & SANITARY DISTRICT
SERVICE. VALUE. QUALITY.

DESERT WATER

Indio Water Authority
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FINAL

INDIO SUBBASIN ANNUAL REPORT FOR WATER YEAR 2019-2020

COACHELLA VALLEY WATER DISTRICT
COACHELLA WATER AUTHORITY
DESERT WATER AGENCY
INDIO WATER AUTHORITY

February 2021

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Alternative Annual Report Elements Guide -
Indio Subbasin Annual Report for Water Year 2019-2020

California Code of Regulations - GSP Regulation Sections	Alternative Elements	Document which *attachment(s) contains the applicable alternative element.*	*Document which section(s), page number(s), or briefly describe why that Alternative element does not apply to the entity.*
Article 7	**Annual Reports and Periodic Evaluations by the Agency**		
§356.2	**Annual Reports**		
	Each Agency shall submit an annual report to the Department by April 1 of each year following the adoption of the Plan. The annual report shall include the following components for the preceding water year:		
	(a) General information, including an executive summary and a location map depicting the basin covered by the report.	Annual Report	An executive summary is provided as the first section of the Annual Report. Maps depicting the Indio Subbasin are shown on Figures 1-1 and 1-2.
	(b) A detailed description and graphical representation of the following conditions of the basin managed in the Plan:		
	(1) Groundwater elevation data from monitoring wells identified in the monitoring network shall be analyzed and displayed as follows:		
	(A) Groundwater elevation contour maps for each principal aquifer in the basin illustrating, at a minimum, the seasonal high and seasonal low groundwater conditions.	Annual Report	A groundwater contour map is provided on Figure 3-2 for WY 2019 -2020. Seasonal changes are generally not significant in this large basin, as shown in hydrographs provided on Figure 3-2.
	(B) Hydrographs of groundwater elevations and water year type using historical data to the greatest extent available, including from January 1, 2015, to current reporting year.	Annual Report	Representative hydrographs are provided on Figure 3-2. Water year type is not provided because the basin is not directly affected by runoff conditions in Sacramento and San Joaquin River, but instead receives water from the Colorado River.
	(2) Groundwater extraction for the preceding water year. Data shall be collected using the best available measurement methods and shall be presented in a table that summarizes groundwater extractions by water use sector, and identifies the method of measurement (direct or estimate) and accuracy of measurements, and a map that illustrates the general location and volume of groundwater extractions.	Annual Report	Groundwater extraction by water use section is described in Section 4 of the annual report. Extractions, methods of measurement, and accuracy of measurements are summarized in Table 4-1. A map of groundwater extractions is provided on Figure 4-1.
	(3) Surface water supply used or available for use, for groundwater recharge or in-lieu use shall be reported based on quantitative data that describes the annual volume and sources for the preceding water year.	Annual Report	Surface water supply and use is described in Section 5. Direct use of surface water is summarized in Table 5-3.
	(4) Total water use shall be collected using the best available measurement methods and shall be reported in a table that summarizes total water use by water use sector, water source type, and identifies the method of measurement (direct or estimate) and accuracy of measurements. Existing water use data from the most recent Urban Water Management Plans or Agricultural Water Management Plans within the basin may be used, as long as the data are reported by water year.	Annual Report	Total water use is described in Section 6. Table 6-1 summarizes water sources for each water use sector and provides the method of measurement and accuracy of measurements.
	(5) Change in groundwater in storage shall include the following:		
	(A) Change in groundwater in storage maps for each principal aquifer in the basin.	Annual Report	There is one principal aquifer for the Indio Subbasin. Change in storage is described in Section 7 and summarized on Figure 7-1.
	(B) A graph depicting water year type, groundwater use, the annual change in groundwater in storage, and the cumulative change in groundwater in storage for the basin based on historical data to the greatest extent available, including from January 1, 2015, to the current reporting year.	Annual Report	Historical annual change in groundwater storage since 1970 is depicted in graphical form on Figure 7-2. Cumulative change in storage since 1970 is presented depicted in graphical form on Figure 7-3.
	(c) A description of progress towards implementing the Plan, including achieving interim milestones, and implementation of projects or management actions since the previous annual report.	Annual Report	A description of progress toward implementing the plan is provided in Section 8. A detailed status for WY 2019-2020 is provided in Table 8-2.

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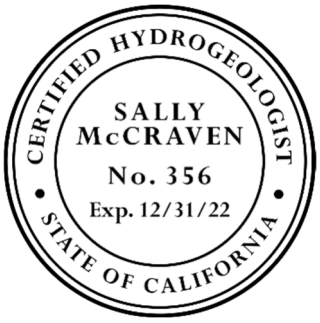

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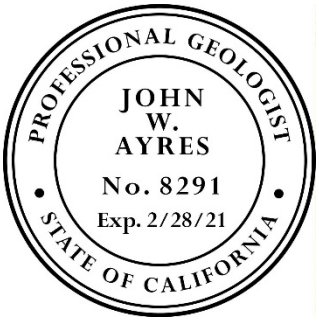
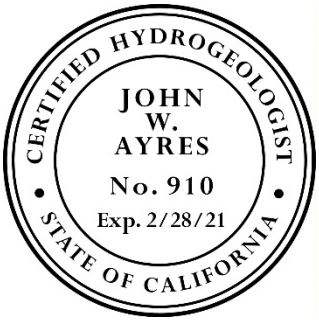
Consulting Hydrogeologist

Todd Groundwater





John W. Ayres, PG, CHG

Project Manager / Hydrogeologist

Woodard and Curran

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LIST OF ACRONYMS AND ABBREVIATIONS

AB	Assembly Bill
AF	acre-feet
AFY	acre-feet per year
AMI	Advanced Metering Infrastructure
AOB	Area of Benefit
AWAG	Agricultural Water Advisory Group
CASGEM	California Statewide Groundwater Elevation Monitoring Program
CRA	Colorado River Aqueduct
CVRWMG	Coachella Valley Regional Water Management Group
CVSC	Coachella Valley Stormwater Channel
CVWD	Coachella Valley Water District
CVWMP	Coachella Valley Water Management Plan
CWA	Coachella Water Authority
CWC	California Water Code
CWSRF	Clean Water State Revolving Fund
CY	Calendar Year
DAC	Disadvantaged Community
DCF	Delta Conveyance Facility
DWA	Desert Water Agency
DWR	California Department of Water Resources
EIR	Environmental Impact Report
ET	evapotranspiration
˚F	degrees Fahrenheit
feet-ags	feet above ground surface
feet-bgs	feet below ground surface
feet msl	feet above mean sea level
GPS	Global Positioning System
GIPSY-OASIS	GNSS-Inferred Positioning System and Orbit Analysis Simulation Software
GRF	Groundwater Replenishment Facility
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
ID	Improvement District
IID	Imperial Irrigation District
InSAR	Interferometric Synthetic Aperture Radar
IWA	Indio Water Authority

MCL	maximum contaminant level
mgd	million gallons per day
mi^2	square miles
msl	mean sea level
MC-GRF	Mission Creek Groundwater Replenishment Facility
MSWD	Mission Springs Water District
MWD	Metropolitan Water District of Southern California
MVP	Mid-Valley Pipeline
NPDES	National Pollutant Discharge Elimination System
PD-GRF	Palm Desert Groundwater Replenishment Facility
QSA	Quantification Settlement Agreement
RCFCWD	Riverside County Flood Control and Water Conservation District
SB	Senate Bill
SDCWA	San Diego County Water Authority
SGMA	Sustainable Groundwater Management Act
SNMP	Salt and Nutrient Management Plan
Subbasin	Indio Subbasin
SWRCB	State Water Resources Control Board
SWP	State Water Project
TEL-GRF	Thomas E. Levy Groundwater Replenishment Facility
USBR	United States Bureau of Reclamation
USGS	United States Geological Survey
UWMP	Urban Water Management Plan
VSD	Valley Sanitary District
WBIC	weather-based irrigation controller
WRP	Water Reclamation Plant
WWR-GRF	Whitewater River Groundwater Replenishment Facility
WY	Water Year

EXECUTIVE SUMMARY

The Coachella Valley Water District (CVWD), Coachella Water Authority (CWA), Desert Water Agency (DWA), and Indio Water Authority (IWA) represent the Groundwater Sustainability Agencies (GSAs) responsible for sustainably managing the Indio Subbasin in compliance with the Sustainable Groundwater Management Act (SGMA).

On behalf of the Indio Subbasin GSAs, Todd Groundwater and Woodard & Curran have prepared this Indio Subbasin Annual Report for Water Year (WY) 2019-2020 (Annual Report) in accordance with annual reporting requirements of SGMA. The Annual Report summarizes groundwater conditions and the implementation status of projects and management actions in the Indio Subbasin (Subbasin) for WY 2019-2020 (October 1, 2019 to September 30, 2020). This report is the fourth annual report prepared for the Indio Subbasin (designated as Basin No. 7-21.01) by the California Department of Water Resources (DWR).

ES-1 BACKGROUND

The Coachella Valley Groundwater Basin has been divided into four subbasins by DWR as documented in California Bulletin 108 (1964) and Bulletin 118 (2016). The four subbasins include the Indio[1], Mission Creek, San Gorgonio Pass, and Desert Hot Springs subbasins (**Figure 1-1**). The Indio, Mission Creek, and San Gorgonio Pass subbasins have been designated medium-priority subbasins under SGMA, and the Desert Hot Springs Subbasin has been designated a very low-priority subbasin.

On December 29, 2016, the Indio Subbasin GSAs submitted to DWR the 2010 Coachella Valley Water Management Plan (CVWMP) (CVWD, 2012a), accompanied by a Bridge Document (Indio Subbasin GSAs, 2016) that describes how the 2010 CVWMP and supporting documents satisfy the requirements of SGMA and should be considered as an acceptable Alternative Plan to a Groundwater Sustainability Plan (GSP) for the Indio Subbasin.

On July 17, 2019, DWR approved the Alternative Plan with specific recommendations presented in its Indio Subbasin Alternative Assessment Staff Report and a requirement to submit an Alternative Plan Update by January 1, 2022. Consistent with SGMA, objectives of the Plan Update are to assess and report progress toward sustainability of the Indio Subbasin, respond to DWR recommendations and, consistent with the goals of the 2010 CVWMP, make needed updates to ensure that future water demands in the Indio Subbasin are reliably met in a cost-effective and sustainable manner. The Indio Subbasin GSAs are currently preparing an update to the Alternative Plan which will be submitted to DWR by January 1, 2022.

Additionally, in accordance with SGMA GSP Emergency Regulations (DWR, 2016), DWR requires that the Indio Subbasin GSAs submit annual reports following submission of the Alternative Plan. The WY 2019-2020 Annual Report must be submitted to DWR by April 1, 2021.

ES-2 INDIO SUBBASIN SETTING

The Indio Subbasin is a part of the Coachella Valley Groundwater Basin which extends approximately 50 miles southeast from the San Bernardino Mountains to the northern shore of the Salton Sea (**Figure 1-1**).

[1] The Indio Subbasin is also identified as the Whitewater River Subbasin by the United States Geological Survey, 1980. However, the subbasin is identified as the Indio Subbasin in DWR Bulletin 108 (1964) and Bulletin 118 (2016). For consistency with SGMA, this annual report will identify the subbasin as the Indio Subbasin.

The Coachella Valley Groundwater Basin lies within the northwesterly portion of California's Colorado Desert. The San Bernardino, San Jacinto, and Santa Rosa Mountains impede the eastward movement of storms and create a rain shadow, which results in an arid climate and greatly reduces the contribution of direct precipitation as a source of recharge to groundwater.

The Coachella Valley Groundwater Basin has been divided into four subbasins as described by DWR in Bulletin 108 (1964) and Bulletin 118 (2016). The boundaries between the subbasins are generally defined by faults that impede the lateral movement of groundwater flow.

The Indio Subbasin underlies the major portion of the Coachella Valley floor and encompasses approximately 465 square miles (mi^2). As shown on **Figure 1-1**, it shares a border with the San Gorgonio Pass subbasin; this boundary represents a bedrock constriction and flow divide. On the southwest, the subbasin is bordered by the Santa Rosa and San Jacinto Mountains. On the northeast, the Indio Subbasin is separated from the Mission Creek Subbasin by the Banning Fault, and on the southeast from the Desert Hot Springs Subbasin and Chocolate Valley Basin by the San Andreas Fault (**Figure 2-2**). Both faults represent effective barriers to groundwater flow. Within the Indio Subbasin, the Garnet Hill Fault also partially impedes groundwater flow from the Garnet Hill Subarea to the south.

Sediments in the northwestern subbasin are predominantly coarse-grained, and from about the City of Indio southeasterly to the Salton Sea, the Indio Subbasin is characterized by increasingly thick layers of silt and clay, especially in the shallower portions. These silt and clay layers are remnants of ancient lakebed deposits and impede the percolation of water applied for irrigation (DWR 1964). In 1964, DWR estimated that the Indio Subbasin contained approximately 29,800,000 acre-feet (AF) of water in the first 1,000 feet below the ground surface (feet-bgs), or approximately 76 percent of the total groundwater in the Coachella Valley Groundwater Basin.

The Indio Subbasin has been divided by DWR (1964) into five subareas: Garnet Hill, Palm Springs, Thermal, Thousand Palms, and Oasis (**Figure 2-1**). Subareas have been delineated based on one or more of the following geologic or hydrogeologic characteristics: type(s) of water-bearing formations, water quality, areas of confined groundwater, and groundwater or surface drainage divides. The largest of these are the Palm Springs and Thermal subareas. The Palm Springs Subarea on the northwest is characterized by a thick sequence of coarse sediments and by substantial natural recharge along the Whitewater River and artificial recharge (replenishment). Groundwater from the Palm Springs Subarea moves southeastward through the Thermal Subarea. The Garnet Hill Subarea is located between the Banning and Garnet Hill Faults, which act as barriers to groundwater movement below a depth of about 100 feet-bgs. The Garnet Hill Subarea is recharged by subsurface flow from the Mission Creek Subbasin and runoff from the Whitewater River Watershed. Relative to the Palm Springs Subarea, the hydrostratigraphy of the Thermal Subarea is generally characterized by greater frequency and extent of fine-grained sediments that define an Upper Aquifer and Lower Aquifer (separated by a semi-confining aquitard) and a shallow fine-grained zone in which semi-perched groundwater occurs. Semi-perched groundwater has been maintained by irrigation water applied to agricultural lands, necessitating the construction of an extensive subsurface tile drain system (DWR, 1964). The Thousand Palms Subarea on the southeast margin is characterized by distinct water quality and recharge that apparently occurs mostly from the Indio Hills. Similarly, the Oasis Subarea on the southwest margin is characterized by unconfined groundwater that is different in chemical characteristics from water in the major aquifers of the Indio Subbasin.

ES-3 GROUNDWATER ELEVATION DATA

As summarized in **Table ES-1**, groundwater levels were measured in 385 wells in WY 2019-2020. Of these 385 wells, 54 were monitored by the Indio Subbasin GSAs and the Mission Springs Water District (MSWD) as part of the California Statewide Groundwater Elevation Monitoring (CASGEM) program. The CASGEM program was developed by DWR in 2009 to track seasonal and long-term trends in groundwater elevations in California's groundwater basins and continues to exist as a tool to support the SGMA. The CASGEM program relies and builds upon the previously established local monitoring programs. An additional 331 wells were measured by the Indio Subbasin GSAs in WY 2019-2020 as part of their respective groundwater level monitoring programs and by the United States Geological Survey (USGS).

Table ES-1
WY 2019-2020 Wells in Water Level Monitoring Program Indio Subbasin

Monitoring Agency	CASGEM Wells Monitored	Additional Wells Monitored	Total Wells Monitored
Coachella Valley Water District	40	257	297
Coachella Water Authority	1	0	1
Desert Water Agency	4	32	36
Indio Water Authority	6	20	26
Mission Springs Water District	3	0	3
U.S. Geological Survey	0	22	22
Total	54	331	385

Figure 3-2 shows the WY 2019-2020 groundwater elevation contour map for the Indio Subbasin. Groundwater elevations presented in this report are representative of the principal aquifer zone. Average groundwater elevations of the principal aquifer for the water year are used for contouring, as water levels do not exhibit strong seasonal trends. Regional groundwater flows are in a northwest-to-southeast direction through the Indio Subbasin. The hydraulic gradients across the Indio Subbasin in WY 2019-2020 were typically steeper in the northwest, flattening downgradient to the southeast. Groundwater elevations and gradients are strongly influenced by groundwater replenishment activities near the Whitewater River Groundwater Replenishment Facility (WWR-GRF) and Thomas E. Levy Groundwater Replenishment Facility (TEL-GRF). Geological faults, constrictions, and pumping also affect localized hydraulic gradients. Collectively, the hydrographs in **Figure 3-2** illustrate the effectiveness of groundwater replenishment, source substitution, and conservation programs under varying historical climatic and water use conditions.

Historically, the eastern portion of the Indio Subbasin experienced artesian conditions with sufficient pressure to cause groundwater levels in wells to rise above the ground surface. Beginning in the late 1980s, groundwater use increased, resulting in declining water levels and the loss of artesian conditions. Groundwater water management programs, including groundwater replenishment, source substitution and water conservation, are restoring groundwater levels and artesian conditions in the eastern portion of the Indio Subbasin. The area of artesian conditions remained relatively stable from WY 2018-2019 to WY 2019-2020 (**Figure 3-3**).

Land subsidence in the Coachella Valley has been investigated since 1995 through an on-going cooperative program between CVWD and the USGS. Analysis of Interferometric Synthetic Aperture Radar (InSAR) data collected from 1995 to 2017 by the USGS indicates that as much as 2.0 feet of subsidence occurred in the Indio Subbasin from 1995 to 2010 near Palm Desert, Indian Wells, and La Quinta (Sneed and Brandt, in press). Since 2010, groundwater levels have stabilized or partially recovered in that area in response to the implementation of source substitution, conservation, and groundwater replenishment programs included in the 2010 CVWMP. Elsewhere, up to 1 inch of uplift has been measured since 2011 in the Palm Springs area, corresponding to higher groundwater levels in response to WWR-GRF recharge. In the Thermal area, the ground surface has also rebounded about 2 inches over the past 10 years, returning to elevations observed in 2001. This rebound coincides with commencement of recharge operations at the TEL-GRF in 2009. Continued monitoring of water levels and subsidence is planned by the Indio Subbasin GSAs to track the effects of management actions on land subsidence and help inform future mitigation measures to comply with the SGMA.

ES-4 GROUNDWATER EXTRACTION

A total of 266,754 AF of groundwater was extracted from the Indio Subbasin in WY 2019-2020 (**Table ES-2**). The total groundwater extracted represents an increase of 3,388 AF (1.3 percent) compared to the volume extracted in WY 2018-2019 (263,366 AF). The agricultural water use sector experienced the largest volumetric increase in water use (2,787 AF compared to WY 2018-2019, or 6.6 percent). Industrial and urban usage volumes also increased, but in relatively smaller amounts compared with agricultural use. The industrial sector experienced a small volumetric increase in water use (75 AF compared to WY 2018-2019, or 5.7 percent). The urban sector experienced a small volumetric increase in water use (526 AF compared to WY 2018-2019, or 0.2 percent).

Table ES-2
WY 2019-2020 Groundwater Extractions by Water Use Sector in the Indio Subbasin

Water Use Sector	Groundwater Extractions (AF)	Method of Measurement	Accuracy of Measurement
Agriculture[1]	45,061	100% metered	±2%
Industrial[2]	1,382	16% metered	±2%
		84% estimated	±50%
Urban[3]	218,811	99% metered	±2%
		1% estimated	±50%
Environmental	0	Not applicable	--
Undetermined[4]	1,500	100% estimated	±50%
Total Production	**266,754**		

Notes:
1 – Includes crop irrigation and fish farms.
2 – Includes 1,100 AF of estimated unreported extractions for industrial tribal water use
3 – Includes municipal and recreational uses. Total includes 1,200 AF of estimated unreported extractions for recreational tribal water use. Of the total urban use, 2,311 AF is exported for use outside the Indio Subbasin
4 – Estimated unreported extraction by minimal pumpers who do not have to report production to CVWD (<25 AFY) or DWA (<10 AFY) and estimated additional unclassified tribal water use

ES-5 SURFACE WATER USE

Surface water supplies consist of local surface water, imported Colorado River water from the Coachella Canal, State Water Project (SWP) exchange water from the Colorado River Aqueduct (CRA), and recycled water produced by public wastewater treatment/reclamation plants.

Natural surface water flow in the Coachella Valley occurs as a result of precipitation and concentrated stream runoff originating from the San Bernardino and San Jacinto Mountains, with lesser amounts originating from the Santa Rosa Mountains. Precipitation data for WY 2019-2020 collected at 12 precipitation monitoring stations in the Coachella Valley are provided in **Table 5-1.** Station locations are shown on **Figure 5-1**. The annual precipitation for these stations during WY 2019-2020 averaged 7.68 inches, or approximately 160 percent above the long-term average.

Streamflow is measured by the USGS at 19 locations within the Indio Subbasin (**Figure 5-1**). **Table 5-2** shows the station name and number and the recorded streamflow volumes for WY 2019-2020.

ES-5.1 Local Surface Water

DWA operates stream diversions facilities on Snow, Falls, and Chino Canyon creeks, and captures subsurface flow from the Whitewater River Canyon. During WY 2019-2020, 1,645 AF of local surface water was directly used as shown in **Table 5-3**. A total of 954 AF was used for urban water supply in DWA's service area. An estimated 691 AF of local surface water was used for agricultural irrigation near Whitewater. An additional 716 AF was utilized for groundwater replenishment.

ES-5.2 Colorado River Water

Colorado River water has been a major water supply source for the Indio Subbasin area since the completion of the Coachella Canal in 1949. CVWD is the only agency in the Indio Subbasin that receives Colorado River water allocations. In 2020, CVWD's total allocation of Colorado River water was 394,000 AF, an increase of 5,000 AF as compared to the 2019 allocation. In WY 2019-2020, approximately 74 percent of the delivered Colorado River water was for agricultural use, about 12 percent was delivered for urban uses, and about 14 percent was replenished at the TEL-GRF and the Palm Desert Groundwater Replenishment Facility (PD-GRF).

ES-5.3 State Water Project Water

DWR manages the SWP and determines the available amount of SWP water for delivery based on hydrologic, storage, water rights, water quality, and environmental factors, including requirements for the Sacramento-San Joaquin Delta. While CVWD and DWA have contracts for Table A SWP water, there are no physical facilities to deliver this water to the Coachella Valley. Table A water is exchanged with Colorado River water from the Metropolitan Water District of Southern California's (MWD's) CRA. Since 1973, this exchange water has been delivered to the Indio Subbasin for groundwater replenishment at the WWR-GRF. An Advance Delivery Agreement between CVWD, DWA, and MWD allows for pre-delivery of Table A water, exchanged for Colorado River water, to the Indio Subbasin at either the WWR-GRF or the Mission Creek Groundwater Replenishment Facility (MC-GRF). As such, CVWD and DWA may either receive deliveries of SWP Exchange water from the CRA or from water previously stored in the Indio Subbasin as part of the Advance Delivery Account.

In WY 2019-2020, CVWD and DWA received 47,540 AF of SWP Exchange water at the WWR-GRF and 1,341 AF at the MC-GRF (in the Mission Creek Subbasin), for a total delivery to the Coachella Valley of 48,881 AF. Additionally, 147,922 AF was deducted from the Advance Delivery Account. At the end of WY 2019-2020, there was 267,495 AF in MWD's Advance Delivery Account in the Indio Subbasin.

ES-5.4 Recycled Water

Figure 5-2 shows the locations of water reclamation plants (WRPs) and other wastewater treatment and discharge facilities in the Indio Subbasin. Currently, three WRPs provide recycled water for irrigation in the Indio Subbasin (DWA/City of Palm Springs WRP, CVWD WRP-7, and CVWD WRP-10).

Four additional WRPs in the Indio Subbasin treat wastewater but do not deliver recycled water for direct use. For these wastewater treatment facilities, treated effluent is discharged either to onsite percolation/evaporation ponds or to the Coachella Valley Storm Channel (CVSC). In WY 2019-2020, a total of 40,268 AF of wastewater was treated of which 13,162 AF was recycled and reused, 5,656 AF was discharged through percolation/evaporation, and 21,450 AF was released to the CVSC.

ES-6 TOTAL WATER USE

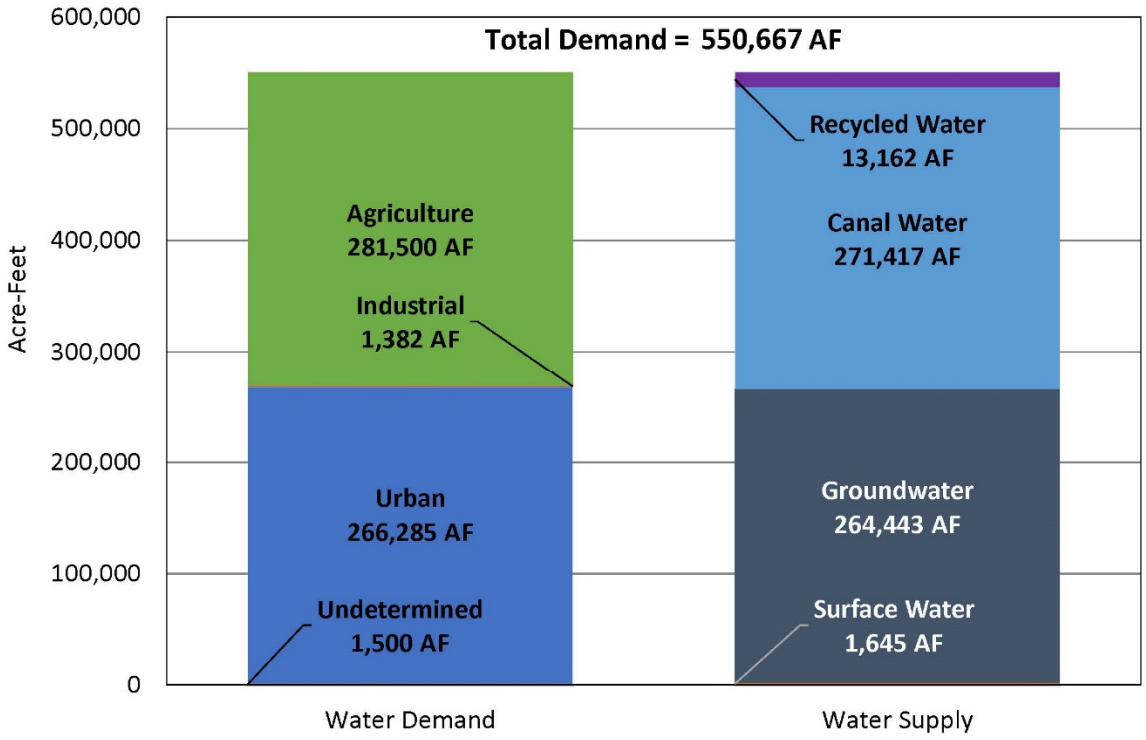
A total of 550,667 AF of water was delivered for direct use within the Indio Subbasin during WY 2019-2020. This represents a decrease of 778 AF compared to WY 2018-2019 (551,445 AF). Over the past three years, water use has been generally consistent in spite of variations in weather.

As summarized on **Figure ES-1**, total direct use is calculated by summing groundwater production, local surface water diversions, Coachella Canal water, and recycled water for agricultural, industrial, urban, and other undetermined uses, and subtracting the water that is exported for use outside the Indio Subbasin.

Total direct use volumes do not include 5,000 AF of water exported for use outside of the Indio Subbasin. This includes Colorado River water exported outside the Indio Subbasin for agricultural use (1,336 AF) and urban use (1,353 AF), and groundwater pumped from the Indio Subbasin and delivered outside of the subbasin (2,311 AF), including groundwater delivered to CVWD customers in Imperial and Riverside counties on the east and west sides of the Salton Sea (East and West Salton Sea Basins) or groundwater pumped by MSWD and delivered to its customers in the Mission Creek and Desert Hot Springs subbasins.

Figure ES-1

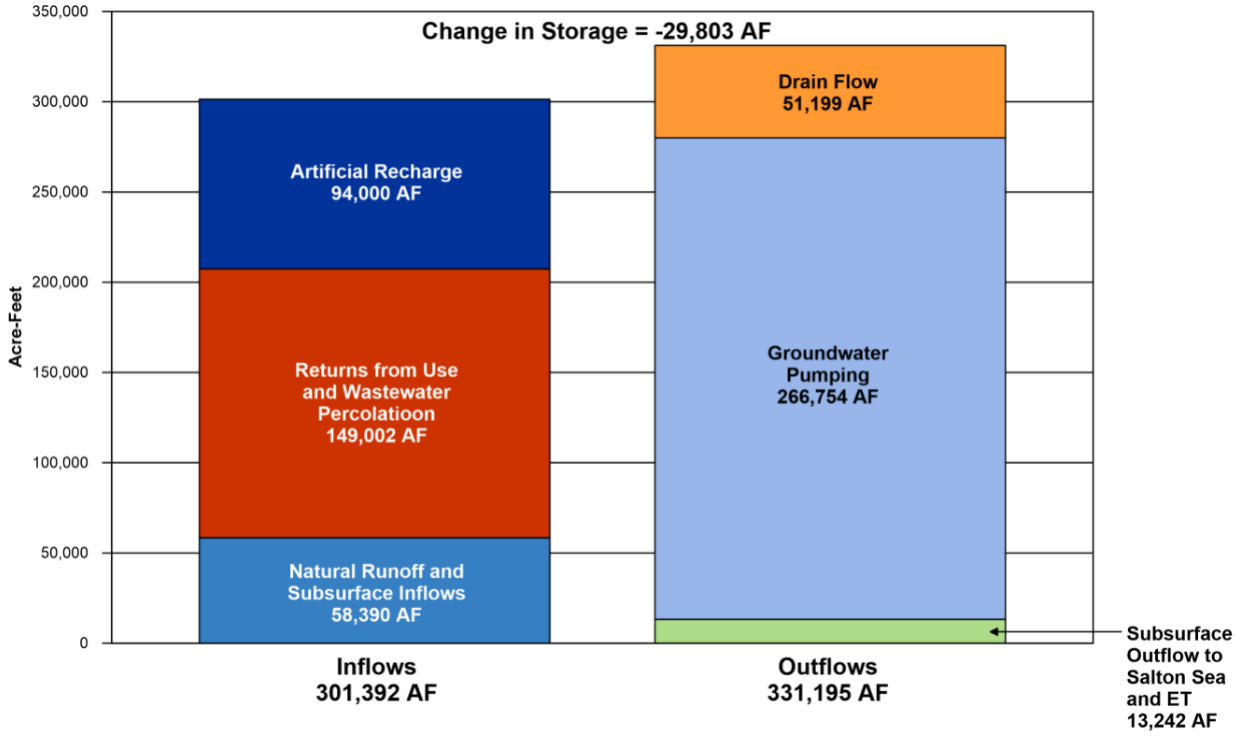
Comparison of Supply and Demand for Direct Use for the Indio Subbasin - WY 2019-2020



ES-7 GROUNDWATER BALANCE AND CHANGE IN GROUNDWATER STORAGE

A groundwater balance is helpful in assessing the condition of the groundwater of the Indio Subbasin. The groundwater balance compares the inflows to and outflows from the Indio Subbasin for a specific time period. The difference between inflows and outflows at a given time is defined as the change in storage for that time period. The Indio Subbasin groundwater balance for WY 2019-2020, including estimated inflow and outflow quantities, is summarized on **Figure ES-2**.

Figure ES-2
Groundwater Balance for the Indio Subbasin – WY 2019-2020



Groundwater inflows to the Indio Subbasin consist of infiltration of natural inflows, return flows from urban and agricultural uses, artificial recharge, and Salton Sea intrusion. Inflows from outside the Indio Subbasin consist of underflow from the San Gorgonio Pass Subbasin and from the Mission Creek and Desert Hot Springs Subbasins. Groundwater outflows from the Indio Subbasin consist of groundwater pumping, flow from the semi-perched aquifer through the agricultural drains into the Salton Sea, evapotranspiration (ET) from the shallow unconfined aquifer, evaporation losses, and subsurface flow out of the Indio Subbasin into the aquifers beneath the Salton Sea.

The annual change in groundwater storage represents the annual difference between inflows and outflows in the Indio Subbasin. During wet years or periods of high artificial recharge, the change in storage is positive (water in storage increases). In dry years, periods of low artificial recharge, or periods of high pumping, the change in storage is often negative (storage decreases). Because WY 2019-2020 was a relatively dry year and managed artificial recharge was relatively low, the Indio Subbasin lost 29,803 AF in storage during WY 2019-2020.

Long-term sustainability is typically assessed based on changes in groundwater storage over a historical period on the order of 10 to 20 years that includes wet and dry periods. While the goal of the 2010 CVWMP was to eliminate groundwater overdraft, not to restore the subbasin to historical conditions, it is worth noting that since 2009 the basin has recovered approximately 840,000 AF of groundwater in storage, or about 45 percent of the cumulative depletion observed from 1970 to 2009. **Figure 7-3** shows the cumulative change in storage since 1970. The Indio Subbasin was at its minimum storage in 2009 (with a calculated storage loss of 1,890,000 AF from 1970 to 2009, which represents 6 percent of the estimated storage capacity of the Indio Subbasin). Since 2009, groundwater pumping has decreased by about 25 percent, and replenishment activities have increased, leading to the observed recovery of groundwater in storage. The recovery of groundwater storage demonstrates the progress being made through implementation of the CVWMP. Water levels in the subbasin have generally increased over the past ten years (**Figure 7-5**), typically between 10 and 40 feet, reflecting storage benefits from replenishment operations at all GRFs within the Subbasin and decreased pumping.

Figure 7-4 shows the one-year change in average groundwater elevations from WY 2018-2019 to WY 2019-2020 for the Indio Subbasin. Groundwater levels in the Indio Subbasin generally increased from WY 2018-2019 to WY 2019-2020. In the immediate vicinity of the WWR-GRF, groundwater levels where relatively unchanged compared with WY 2018-2019 and increased to the north and southeast. The increasing water level conditions downgradient of the WWR-GRF are similar to what has previously been observed following several consecutive years of high recharge. In the vicinity of Palm Springs, water levels were generally stable to slightly increasing (up to approximately 15 feet in some wells). In the central portion of the subbasin from Palm Desert to La Quinta, groundwater levels generally rose with water level changes ranging from about -4 to 32 feet. Some of the increase in groundwater levels in this area is likely associated with the initiation of replenishment at the PD-GRF beginning in February 2019. In the eastern portion of the subbasin in the vicinity of TEL-GRF, groundwater levels increased by up to 9 feet, with storage benefits observed as far as the Thermal and Mecca areas and adjacent to the Salton Sea. Groundwater level increases reflect the continued benefits of recharge operations at the TEL-GRF.

Figure 7-5 shows the ten-year change in average groundwater elevations from WY 2009-2010 to WY 2019-2020 for the Indio Subbasin. Groundwater levels in the Indio Subbasin have increased significantly over the past 10 years. The largest groundwater increases are observed in the vicinity of the WWR-GRF, TEL-GRF and PD-GRF, with water level increases of up to about 140 feet near the WWR-GRF, 65 feet near the TEL-GRF, and 19 feet near the PD-GRF. In the greater mid-valley area near Palm Desert, Indian Wells, and La Quinta, groundwater level increases have ranged from about 12 to 33 feet. Increased water levels reflect the benefits of source substitution, conservation programs and recharge operations. Some localized water level declines have occurred northeast of Bermuda Dunes. Groundwater levels in the southeastern portion of the Indio Subbasin have generally increased, typically between 10 and 40 feet, reflecting storage benefits from replenishment operations at the TEL-GRF and decreased long-term pumping.

ES-8 SUMMARY OF PROGRESS AND PROJECTS

The sustainability goals described in the Alternative Plan for the Indio Subbasin identified the following water management elements for implementation:

- Water conservation measures
- Acquisition of additional water supplies
- Conjunctive use programs to maximize supply reliability
- Source substitution programs
- Groundwater recharge programs
- Water quality protection measures
- Other management activities

The Indio Subbasin GSAs continue to implement the goals and programs of the Alternative Plan. Groundwater production remains more than 25 percent less than the historical highs in 2009. The results of the on-going basin monitoring program demonstrate the significant progress being made toward the goal of eliminating long-term groundwater overdraft. In the last 10 years, the Indio Subbasin has gained over 840,000 AF of groundwater in storage. Over the past ten years, much of the Indio Subbasin experienced water level gains as a result of continued recharge at the WWR-GRF and TEL-GRF, conversion of golf courses from groundwater to Coachella Canal and recycled water, and water conservation. Replenishment operations at the PD-GRF began in February 2019 and have already contributed to improved groundwater level conditions in the mid-valley region.

CVWD continues to work with the golf courses in its service area to extend the Mid-Valley Pipeline distribution system to serve additional courses with Coachella Canal and recycled water, and reduce their groundwater pumping. CVWD's increased allocation of Colorado River water through the Quantification Settlement Agreement (QSA) added 5,000 AF of available supply in 2020.

Measures being implemented to improve water quality include preparation of a Salt and Nutrient Management Plan (SNMP) Development Workplan to update the Coachella Valley's SNMP, as well as continued monitoring of water quality and tracking of regulatory requirements and standards.

Groundwater conditions documented in this WY 2019-2020 Annual Report demonstrate the effectiveness of the Alternative Plan in guiding sustainable management of the Indio Subbasin. Over the next approximately six months, the Indio Subbasin GSAs will be working to update the Alternative Plan to assess current and future conditions. The Alternative Plan Update effort will involve refinement of the hydrogeologic conceptual model; documentation of historical and current groundwater conditions; assessment of future population growth, land use, water demand, and water supplies; identification and prioritization of projects and programs and update of the implementation plan; establishment of groundwater sustainability goals and criteria; and evaluation of groundwater monitoring programs and the data management system. In compliance with SGMA, the Alternative Plan Update will be submitted to DWR by January 1, 2022.

1. INTRODUCTION

The Coachella Valley Water District (CVWD), Coachella Water Authority (CWA), Desert Water Agency (DWA), and Indio Water Authority (IWA), represent the Groundwater Sustainability Agencies (GSAs) responsible for managing the Indio Subbasin in compliance with the Sustainable Groundwater Management Act (SGMA). On behalf of the Indio Subbasin GSAs, Todd Groundwater and Woodard & Curran have prepared this Indio Subbasin Annual Report for Water Year (WY) 2019-2020 (Annual Report) in accordance with annual reporting requirements of SGMA. The Annual Report summarizes groundwater conditions and the implementation status of projects and management actions in the Indio Subbasin for WY 2019-2020 (October 1, 2019 to September 30, 2020).

1.1 REPORT ORGANIZATION

This Annual Report is divided into the following nine sections:

Section 1 – Introduction summarizes the report organization, background as related to SGMA, and the approach used by the four Indio Subbasin GSAs to comply with the SGMA.

Section 2 – Groundwater Basin Setting provides an overview of the Coachella Valley Groundwater Basin, its component subbasins and subareas, and the physiography, climate, and regional geology of the Indio Subbasin.

Section 3 – Groundwater Elevation Data describes the sources of groundwater level data and provides a groundwater elevation contour map and hydrographs of groundwater levels over time.

Section 4 – Groundwater Extraction summarizes groundwater extraction by volume, area, and water use sectors.

Section 5 – Surface Water summarizes the various surface water and surface water-related components in the Indio Subbasin including precipitation, streamflow, imported water deliveries for direct use and groundwater replenishment, and wastewater treatment, disposal, and reuse. This section also includes a description of contracts with the California Department of Water Resources (DWR) and Metropolitan Water District of Southern California (MWD) for access and availability of imported water for use in the Indio Subbasin.

Section 6 – Total Water Use provides a summary of the total water use by source and water use sector.

Section 7 – Groundwater Balance and Change in Groundwater Storage provides the groundwater balance and change in storage for the Indio Subbasin.

Section 8 – Description of Progress provides a summary of progress toward achieving the water management objectives outlined in the 2010 Coachella Valley Water Management Plan (CVWMP).

Section 9 – References provides references for this report.

1.2 IMPLEMENTATION OF THE SUSTAINABLE GROUNDWATER MANAGEMENT ACT

In 2014, faced with declining groundwater levels (most notably in California's Central Valley), the California Legislature enacted SGMA to provide a framework for the sustainable management of groundwater resources throughout California, primarily by local authorities. SGMA consisted of three bills, Assembly Bill (AB) 1739 (Dickinson), Senate Bill (SB) 1168 (Pavley), and SB 1319 (Pavley) that were signed into law by Governor Brown on September 16, 2014.

For designated groundwater basins, SGMA required local authorities to form GSAs by June 30, 2017, to evaluate conditions in the groundwater basins and to prepare and adopt Groundwater Sustainability Plan (GSPs) consistent with GSP regulations or Alternative Plans. The option of an Alternative Plan was provided by SGMA for local water agencies with existing management plans that could be documented as functionally equivalent to a GSP; the deadline for submittal of Alternative Plans was January 1, 2017. As described below, the Indio Subbasin GSAs chose to prepare an Alternative Plan, based on decades of local basin management. SGMA allows a 20-year time frame for GSAs to implement their GSPs or Alternative Plans and achieve long-term groundwater sustainability. While protecting existing water rights, SGMA provides GSAs with the tools and authority to:

- Monitor and manage groundwater levels and quality
- Monitor and manage land subsidence and changes in surface water flow and quality affecting groundwater levels or quality or caused by groundwater extraction
- Require registration of groundwater wells
- Require reporting of annual extractions
- Require reporting of surface water diversions to underground storage
- Impose limits on extractions from individual wells, if needed
- Assess fees to implement GSPs and Alternative Plans, and
- Request revisions of basin boundaries, including establishing new boundaries.

DWR developed the California Statewide Groundwater Elevation Monitoring (CASGEM) Program to track seasonal and long-term trends in groundwater elevations in California's groundwater basins. Through its CASGEM program, DWR ranked all groundwater basins and subbasins in California as either very low, low, medium, or high priority. In addition, DWR, as required by SGMA, identified 21 basins and subbasins in California as critically overdrafted. None of the subbasins in the Coachella Valley Groundwater Basin were listed as critically overdrafted.

The Coachella Valley Groundwater Basin has been divided into four subbasins by DWR in California Bulletin 108 (1964) and Bulletin 118 (2016): the Indio[2], Mission Creek, San Gorgonio Pass, and Desert Hot Springs Subbasins (**Figure 1-1**). The Indio, Mission Creek, and San Gorgonio Pass Subbasins were designated medium-priority subbasins under the SGMA, and the Desert Hot Springs Subbasin was designated a very low-priority subbasin.

[2] The Indio Subbasin is also identified as the Whitewater River Subbasin by the United States Geological Survey, 1980. However, the subbasin is identified as the Indio Subbasin in DWR Bulletin 108 (1964) and Bulletin 118 (2003). For consistency with SGMA, this annual report will identify the subbasin as the Indio Subbasin.

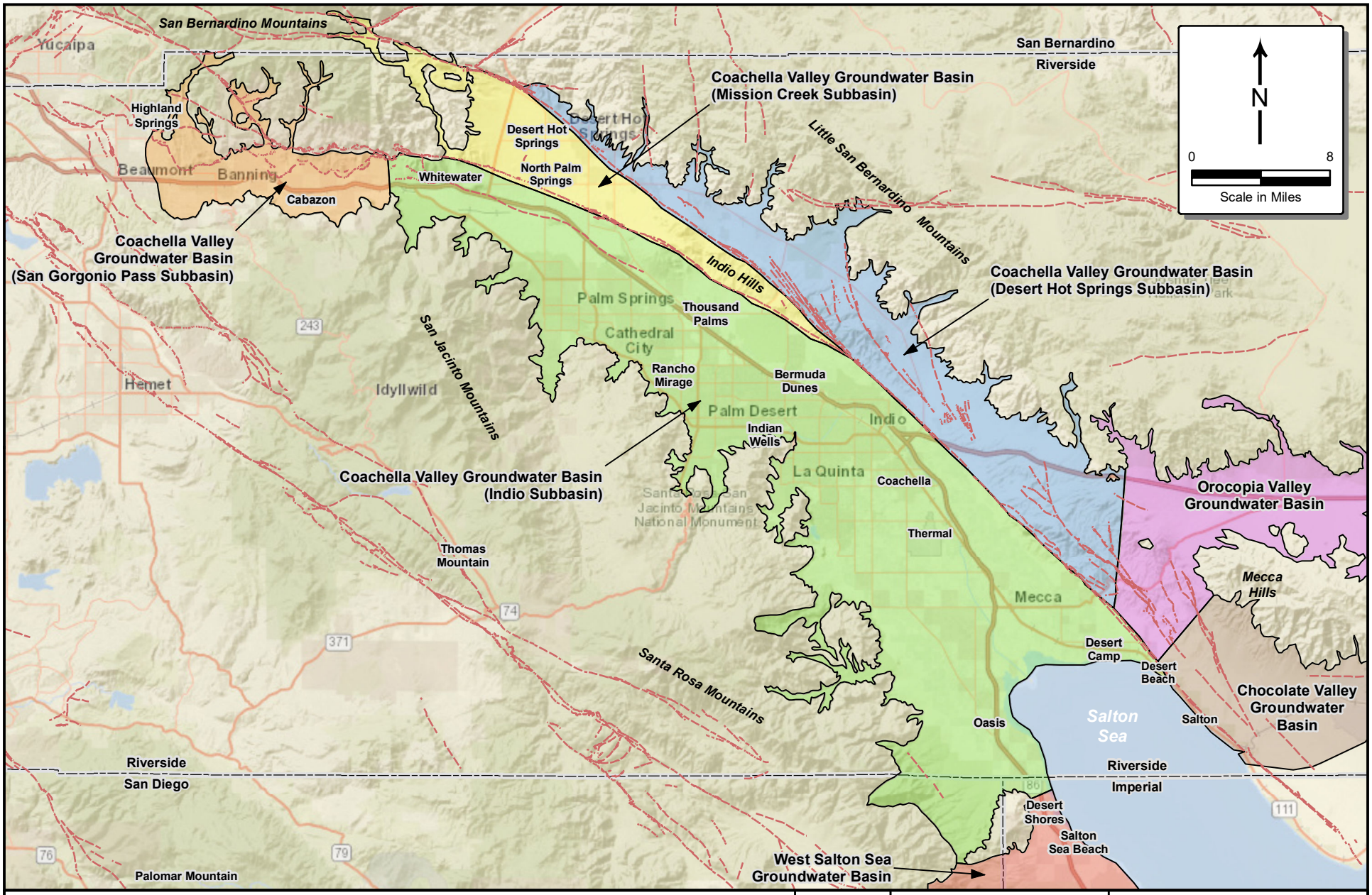


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Figure 1-1
Coachella Valley Groundwater Basin and Subbasins

1.2.1 Formation of GSAs by Local Agencies in the Indio Subbasin

Four separate entities filed Notices of Election with DWR to become GSAs to manage the Indio Subbasin within their respective services areas in compliance with the SGMA:

- Coachella Valley Water District (CVWD)
- Coachella Water Authority (CWA)
- Desert Water Agency (DWA)
- Indio Water Authority (IWA)

These agencies have been designated by DWR as Exclusive GSAs within their respective service areas in the Indio Subbasin and are referred to herein collectively as the Indio Subbasin GSAs. **Figure 1-2** shows the jurisdictional areas of the Indio Subbasin GSAs with reference to the Indio Subbasin..

1.2.2 Submission of the Indio Subbasin Alternative Plan

SGMA recognized that some groundwater basins, such as the Indio Subbasin, had been managed for years and allowed existing groundwater management plans to be submitted as an Alternative Plan. Twenty years before the adoption of SGMA, CVWD began development of its initial water management plan to manage available surface water resources and local groundwater resources in the Indio Subbasin and adjacent areas dependent on these water resources. The 2002 CVWMP and 2010 CVWMP Update were developed to eliminate long-term overdraft and satisfy the goals and intent of the then-Groundwater Management Planning Act (now superseded by SGMA).

On December 29, 2016, the Indio Subbasin GSAs collaboratively submitted to DWR the 2010 CVWMP Update (CVWD, 2012a), accompanied by a Bridge Document (Indio Subbasin GSAs, 2016) that describes how the 2010 CVWMP Update and supporting documents satisfy the requirements of SGMA and thus should be considered as an acceptable Alternative Plan for the Indio Subbasin. The commitment of the Indio Subbasin GSAs to continue assessment of plan assumptions, associated environmental impacts, and implementation status (as required by SGMA) was further demonstrated and documented in the following additional documents submitted to DWR as part of the Alternative Plan:

- Program Environmental Impact Report (EIR) CVWMP and State Water Project (SWP) Entitlement Transfer (CVWD, 2002b)
- Subsequent Program EIR for the CVWMP 2010 Update (CVWD, 2012b)
- 2014 Status Report on the 2010 CVWMP Update (CVWD and MWH, 2014)
- CVWD Annual Engineer's Reports on Water Supply and Replenishment Assessment for the Mission Creek Subbasin Area of Benefit (AOB), West Whitewater River Subbasin AOB, and East Whitewater River Subbasin AOB, and
- DWA Annual Engineer's Reports Groundwater Replenishment and Assessment Program for the West Whitewater River Subbasin AOB, Mission Creek Subbasin AOB, and Garnet Hill Subbasin AOB.

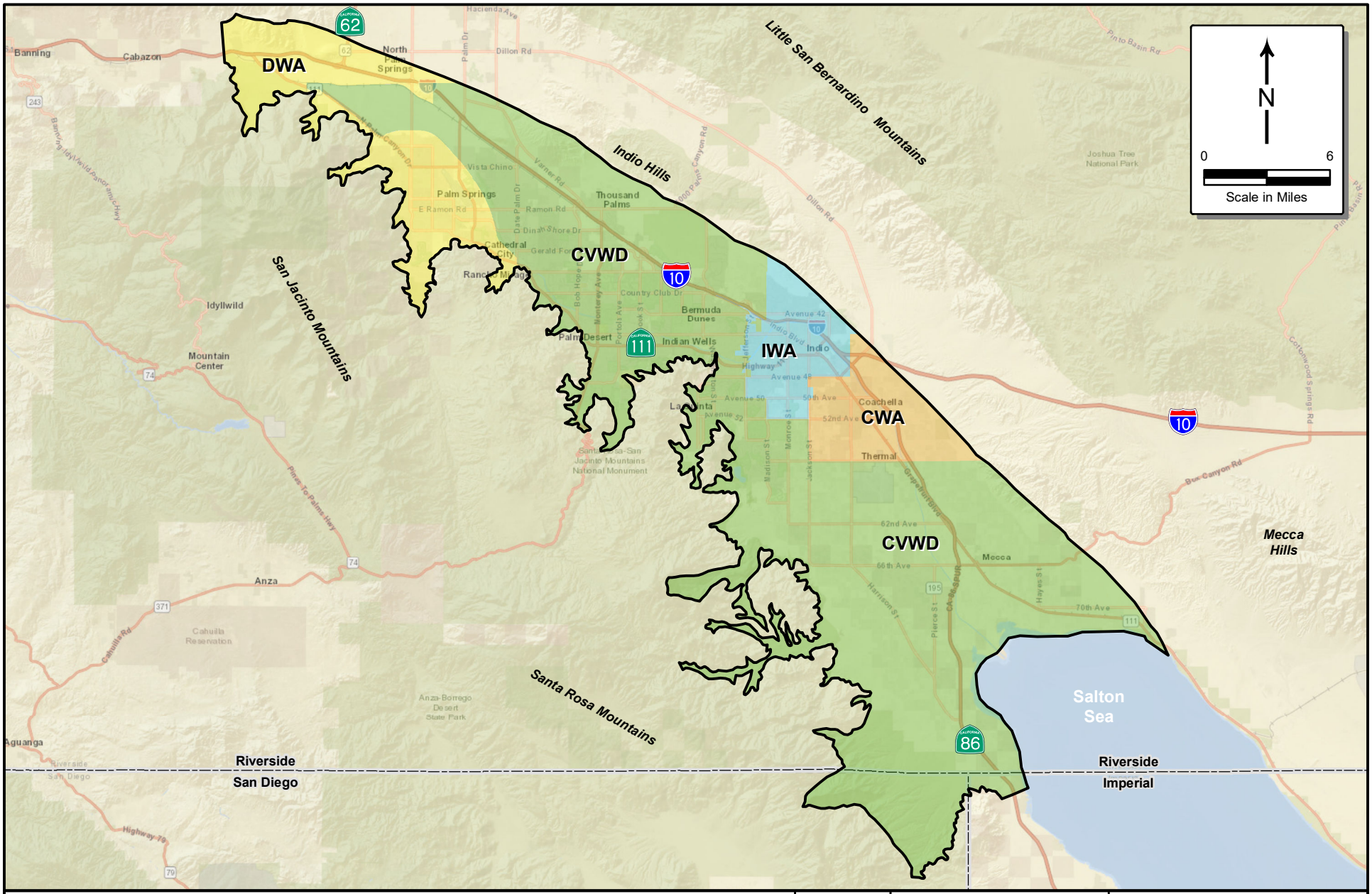


Figure 1-2
GSA Boundaries of the Indio Subbasin

The Indio Subbasin Alternative Plan was one of fifteen submitted to DWR by the January 1, 2017 deadline and was one of nine approved by DWR. On July 17, 2019, DWR approved the Indio Subbasin Alternative Plan with specific recommendations presented in its Alternative Assessment Staff Report and a requirement to submit a Plan Update by January 1, 2022. Consistent with SGMA, objectives of the Plan Update—currently being prepared—are to assess and report progress toward sustainability of the Indio Subbasin, respond to DWR recommendations and, consistent with the goals of the 2010 WMP, make needed updates to ensure that future water demands in the Indio Subbasin are reliably met in a cost-effective and sustainable manner.

Additionally, in accordance with SGMA GSP Emergency Regulations (DWR, 2016), DWR requires that the Indio Subbasin GSAs submit annual reports following submission of the Alternative Plan. Annual Reports were therefore submitted in 2018, 2019, and 2020. This WY 2019-2020 Annual Report must be submitted to DWR by April 1, 2021.

1.2.3 Annual Reporting

Annual reporting on groundwater conditions in the Indio Subbasin has been performed by CVWD and DWA since 1978. CVWD has published an annual Engineer's Report on Water Supply and Replenishment Assessment for its West Whitewater River Subbasin Area AOB since 1980 and for the East Whitewater River Subbasin AOB since 2004. Similarly, DWA has published an Annual Engineer's Report for the Groundwater Replenishment and Assessment Program in its Whitewater River Subbasin AOB since 1978, and separately for the Garnet Hill Subbasin AOB since 2015. The Engineer's Reports describe groundwater levels, annual water budgets, artificial and natural recharge, and groundwater pumping, as well as the replenishment assessment charged for production within each management area for the following fiscal year.

In accordance with SGMA (Water Code 10728), on April 1 following the year of adoption of a GSP or submission of Alternative Plan and annually thereafter, the annual report must document the following basin conditions for the preceding water year:

- Groundwater elevation data
- Aggregated data identifying groundwater extraction
- Surface water supply used or available for groundwater recharge or in-lieu use
- Total water use
- Change in groundwater storage
- Progress toward implementing the GSP or Alternative Plan

This Indio Subbasin Annual Report for WY 2019-2020 is the fourth annual report prepared for the Indio Subbasin in response to SGMA requirements. This Annual Report contains a discussion of the Indio Subbasin followed by sections describing each of the annual report elements required by SGMA.

2. INDIO SUBBASIN SETTING

Figure 1-1 shows the location of the Indio Subbasin. The Indio Subbasin is located in the Coachella Valley Groundwater Basin. The Coachella Valley Groundwater Basin extends approximately 50 miles southeast from the San Bernardino Mountains to the northern shore of the Salton Sea. Cities within the Indio Subbasin include Cathedral City, Indian Wells, Indio, La Quinta, Palm Desert, Palm Springs, and Rancho Mirage and the unincorporated communities of North Palm Springs, Thousand Palms, Thermal, Bermuda Dunes, Oasis, and Mecca. The Coachella Valley is bordered on the north by Mount San Gorgonio in the San Bernardino Mountains, on the west by the San Jacinto and Santa Rosa mountains, on the east by the Little San Bernardino Mountains, and on the south by the Salton Sea. The Coachella Valley lies within the northwesterly portion of California's Colorado Desert, an extension of the Sonoran Desert. The San Bernardino, San Jacinto, and Santa Rosa Mountains impede the eastward movement of storms and create a rain shadow, which results in an arid climate and greatly reduces the contribution of direct precipitation as a source of recharge to the Coachella Valley Groundwater Basin.

2.1 CLIMATE

The bulk of natural groundwater replenishment comes in the form of runoff from the adjacent mountains. Climate in the Indio Subbasin is characterized by low humidity, high summer temperatures, and mild dry winters. Average annual precipitation ranges from 3 to 6 inches. Most of the precipitation occurs between December and February. Additional discussion of precipitation is provided in Section 5.

Mid-summer high temperatures commonly exceed 100 degrees Fahrenheit (°F), frequently exceed 110°F, and periodically reach 120°F. Winter high temperatures typically range from about 45°F to 70°F.

2.2 COACHELLA VALLEY GROUNDWATER BASIN

The Coachella Valley Groundwater Basin is bounded by crystalline (non-water bearing) rocks of the San Bernardino Mountains and Little San Bernardino Mountains to the north/northwest and of the San Jacinto Mountains and Santa Rosa Mountains to the west/southwest. At the west end of the San Gorgonio Pass Subbasin between Beaumont and Banning, a surface drainage divide separates the Coachella Valley Groundwater Basin from the Beaumont Groundwater Basin of the Upper Santa Ana Drainage Area.

The southern boundary is formed primarily by the watershed of the Mecca Hills and by the northwest shoreline of the Salton Sea. At the base of the Santa Rosa Mountains, the southern boundary crosses the Riverside County Line into Imperial and San Diego Counties. Although there is subsurface groundwater flow throughout the groundwater basin, fault barriers, constrictions in the groundwater basin profile, and areas of low permeability limit and control movement of groundwater. Based on the occurrence of these features, the Coachella Valley Groundwater Basin has been divided into subbasins and subareas as described by the DWR in Bulletin 108 (1964) and Bulletin 118 (2016).

2.2.1 Subbasins and Subareas of the Coachella Valley Groundwater Basin

As shown on **Figure 1-1**, the Coachella Valley Groundwater Basin is divided into four subbasins – Indio, San Gorgonio Pass, Mission Creek, and Desert Hot Springs. The subbasins encompass areas underlain by formations that readily yield stored groundwater through water wells and offer natural reservoirs for the regulation of water supplies. The boundaries between the subbasins are generally defined by faults that impede the lateral movement of groundwater.

Of the four subbasins, the Indio Subbasin is the focus of this Annual Report. The Indio Subbasin has been subdivided into subareas based on one or more of the following geologic or hydrogeologic characteristics: type(s) of water-bearing formations, water quality, areas of confined groundwater, and groundwater or surface drainage divides. Boundaries for the Indio Subbasin subareas are shown on **Figure 2-1**.

The following is a list of the subbasins and associated subareas in the Coachella Valley Groundwater Basin as identified by DWR in Bulletin 108 (1964) and Bulletin 118 (2016), with the subbasin numbers designated by DWR (2016):

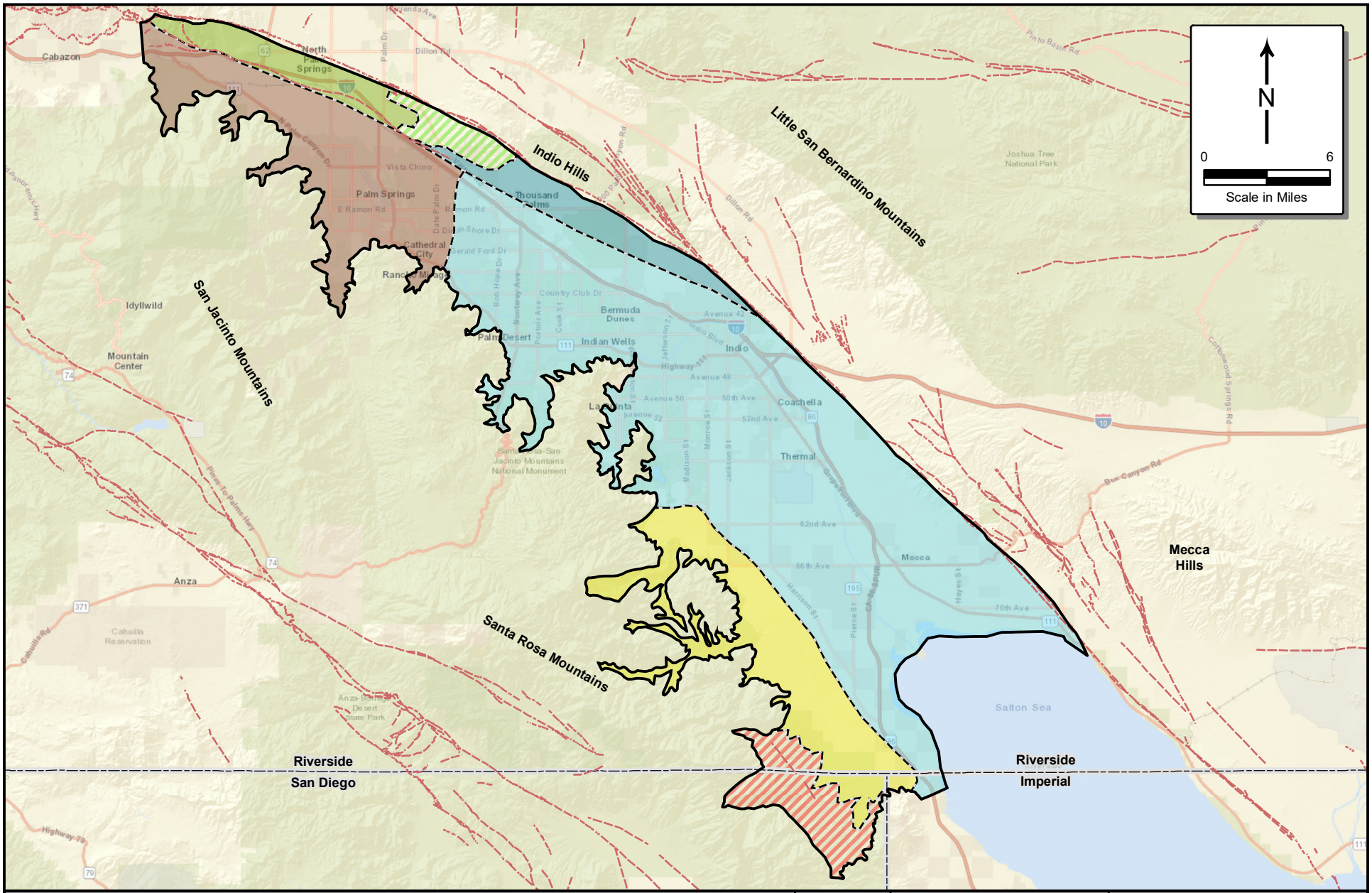
- Indio Subbasin (7-21.01)
    - Garnet Hill Subarea
    - Palm Springs Subarea
    - Thermal Subarea
    - Thousand Palms Subarea
    - Oasis Subarea
- Mission Creek Subbasin (7-21.02)
- Desert Hot Springs Subbasin (7-21.03)
    - Miracle Hill Subarea
    - Sky Valley Subarea
    - Fargo Canyon Subarea
- San Gorgonio Pass Subbasin (7-21.04)

Section 2.3 provides additional descriptions of Indio Subbasin subareas and boundaries including geology, hydrogeology, water supply, and groundwater storage.

2.2.2 Geology

The Indio Subbasin is bounded on its northern, northwestern, southwestern, and southern margins by uplifted bedrock; subbasin sedimentary fill consists of thick sand and gravel sedimentary sequences eroded from the surrounding mountains. Sedimentary infill within the Indio Subbasin thickens from north to south, and depending on location within the basin, is at least several thousand and as much as 12,000 feet in thickness. The upper approximately 2,000 feet constitute the aquifer system that is the primary source of groundwater supply (DWR, 1979). **Figure 2-2** is a geologic map encompassing the Indio Subbasin.

While sediments in the northwestern subbasin are predominantly coarse-grained, from about the City of Indio southeasterly to the Salton Sea, the Indio Subbasin is characterized by increasingly thick layers of silt and clay, especially in the shallower portions of the subbasin. These silt and clay layers are remnants of ancient lakebed deposits and impede the percolation of water applied for irrigation (DWR 1964).



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TODD GROUNDWATER

Figure 2-1
Groundwater Subareas of the Indio Subbasin

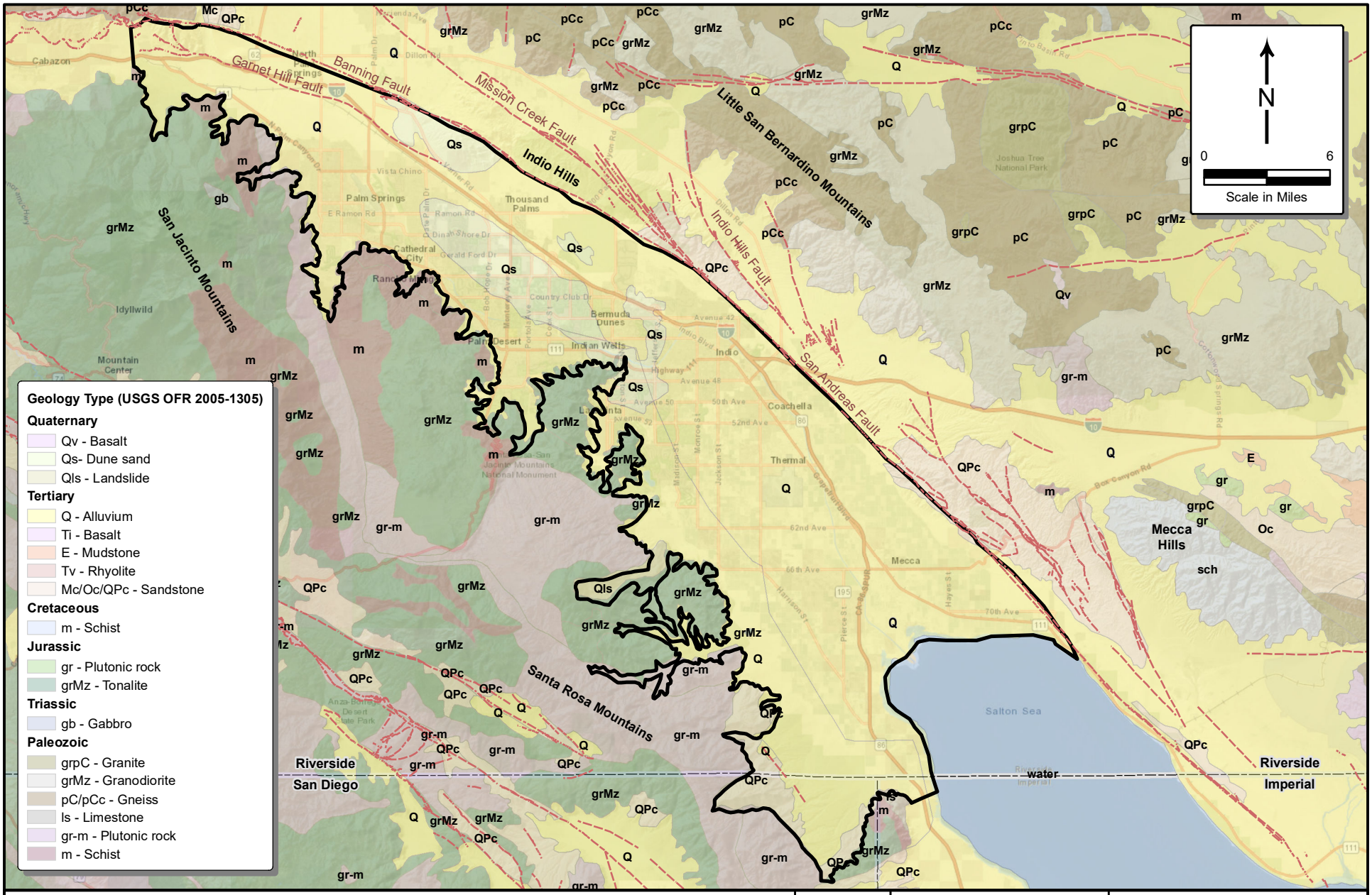

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Figure 2-2
Indio Subbasin Area Geologic Map

2.2.3 Basin Storage Capacity

In 1964, DWR estimated that the subbasins in the Coachella Valley Groundwater Basin contained approximately 39,200,000 acre-feet (AF) of water in the first 1,000 feet below the ground surface. The capacities of the individual subbasins (and subareas of the Indio Subbasin) are shown in **Table 2-1**.

Table 2-1
Coachella Valley Groundwater Basin Groundwater Storage Capacity

Subbasin or Subarea	Groundwater Storage (AF)[1]
Indio Subbasin	
Garnet Hill Subarea	1,000,000
Oasis Subarea	3,000,000
Palm Springs Subarea	4,600,000
Thermal Subarea	19,400,000
Thousand Palms Subarea	1,800,000
Indio Subbasin Subtotal	**29,800,000**
San Gorgonio Pass Subbasin	2,700,000
Mission Creek Subbasin	2,600,000
Desert Hot Springs Subbasin	4,100,000
All Subbasins Total	**39,200,000**

Notes:
1 – Storage volume in first 1,000 feet below the ground surface (DWR, 1964).

2.3 INDIO SUBBASIN DESCRIPTION

The Indio Subbasin underlies the major portion of the Coachella Valley floor and encompasses approximately 465 square miles (mi^2). The Indio Subbasin extends from the Whitewater area in the northwest approximately 50 miles to the southeast, terminating along the northern shoreline of the Salton Sea.

The Indio Subbasin is bordered on the southwest by the Santa Rosa and San Jacinto Mountains and is separated from the Mission Creek Subbasin by the Banning Fault, and from the Desert Hot Springs Subbasin by the San Andreas Fault (**Figure 2-2**). Both faults represent effective barriers to groundwater flow. Groundwater level differences across the Banning Fault, between the Mission Creek Subbasin and the Garnet Hill Subarea of the Indio Subbasin, are on the order of 200 feet to 250 feet. The San Andreas Fault, extending southeasterly from the junction of the Mission Creek and Banning Faults in the Indio Hills and continuing out of the basin on the east flank of the Salton Sea, is also an effective barrier to lateral groundwater movement from the northeast (DWR, 1964). Within the Indio Subbasin, the Garnet Hill Fault, which extends southeasterly from the north side of the San Gorgonio Pass to the Indio Hills, also partially impedes groundwater flow from the Garnet Hill Subarea to the south. Groundwater levels on the north side of the Garnet Hill Fault are approximately 150 to 170 feet higher than on the south side of the fault. The Garnet Hill Fault does not reach the surface and its effectiveness as a barrier to groundwater flow is assumed to occur below a depth of 100 feet (DWR, 1964).

Figure 2-1 shows the five Indio Subbasin subareas: Garnet Hill, Palm Springs, Thermal, Thousand Palms, and Oasis. The Palm Springs Subarea is the forebay or main area of replenishment to the Indio Subbasin, and the Thermal Subarea includes the pressure, or confined area, within the Indio Subbasin. The other three subareas are characterized by unconfined groundwater conditions.

2.3.1 Garnet Hill Subarea

This subarea, located between the Garnet Hill Fault and the Banning Fault (MWH, 2013), is considered part of the Indio Subbasin as defined in DWR's Bulletin 118 (2016). The relative scarcity of wells in the subarea limits the available geologic information and understanding of groundwater interactions between this subarea and the adjoining Mission Creek Subbasin and Indio Subbasin. The 2013 Mission Creek/Garnet Hill Subbasins Water Management Plan (MWH, 2013) states that groundwater production is low in the Garnet Hill Subarea and is not expected to increase significantly in the future due to relatively low well yields. Groundwater levels in the western and central portions of the subarea show response to large replenishment quantities from the WWR-GRF, while levels are relatively flat in the eastern portion.

While this subarea receives subsurface inflow from Mission Creek Subbasin and some natural recharge from occasional high flows of Mission Creek and other streams, the chemical character of the groundwater and its direction of movement indicate that the main source of inflow to the subarea comes from percolation associated with the Whitewater River (MWH, 2013).

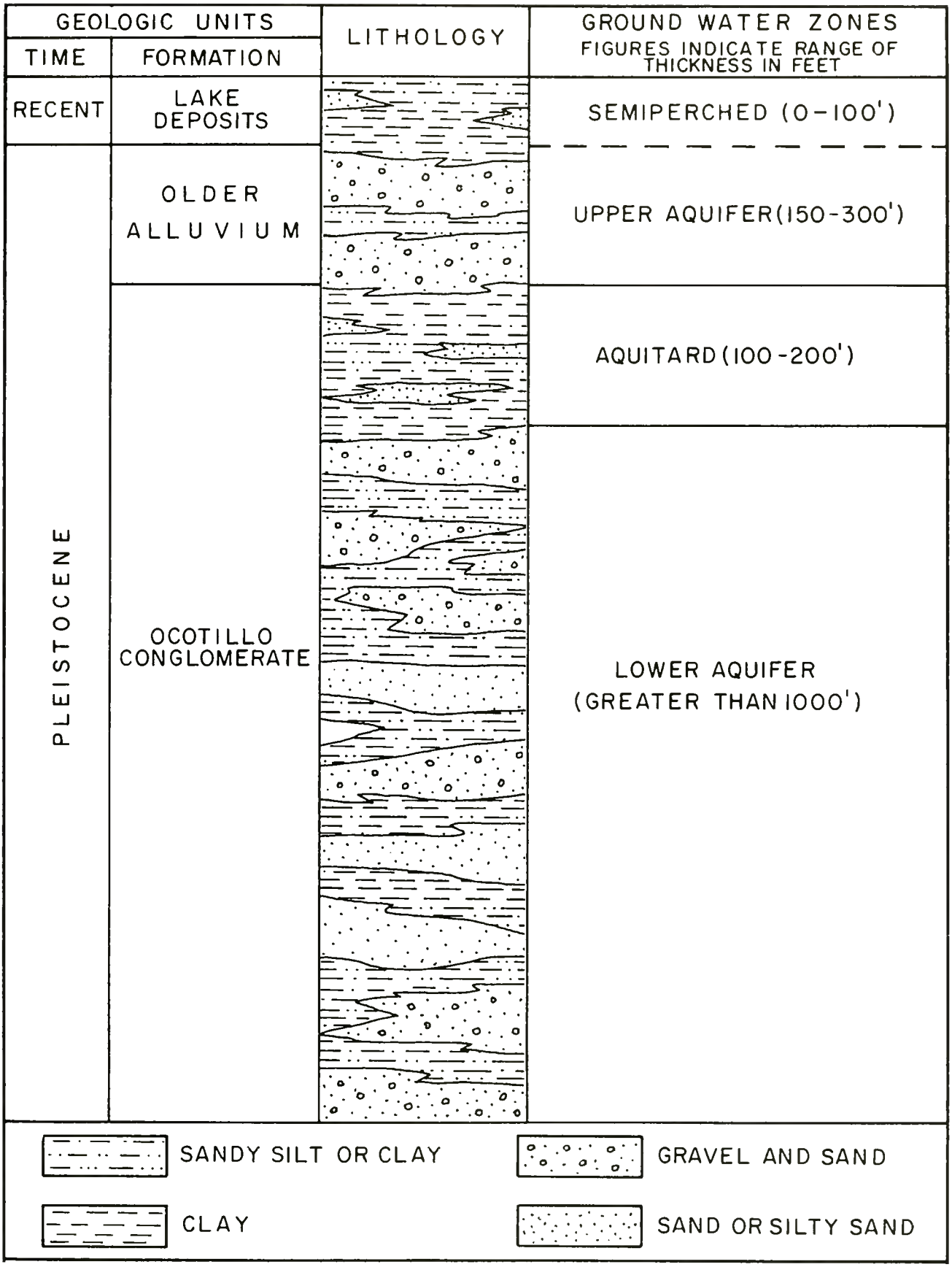
2.3.2 Palm Springs Subarea

Located in the northwestern portion of the Indio Subbasin, the Palm Springs Subarea is bounded by the Garnet Hill Fault to the north and the eastern slopes of the San Jacinto Mountains to the south and extends southeast to Cathedral City. Alluvial fan deposits consist of heterogeneous, coarse-grained sediments with a total thickness exceeding 1,000 feet. Although no lithologic distinction is apparent from water well driller's logs, the total thickness of recent deposits suggests that Ocotillo Conglomerate underlies recent Fanglomerate deposits at a depth of 300 to 400 feet (DWR, 1964). Substantial natural and artificial recharge (replenishment) occurs through the thick sequence of coarse sediments in this subarea. Deep percolation of areal precipitation is considered negligible.

2.3.3 Thermal Subarea

Groundwater of the Palm Springs Subarea moves southeastward into the Thermal Subarea underlying the central portion of the Indio Subbasin. The division between the Palm Springs Subarea and the Thermal Subarea is near the City of Cathedral City.

Figure 2-3 presents a generalized stratigraphic column of the Thermal Subarea showing local geologic units and groundwater zones. As illustrated, the hydrostratigraphy is characterized by a shallow semi-perched and confining zone consisting of recent silts, clays, and fine sands; an Upper Aquifer; a semi-confining aquitard of fine-grained materials; and Lower Aquifer. As shown on the figure, fine-grained (clay) deposits of the upper Ocotillo Conglomerate Formation separate the Upper and Lower aquifers. The clay deposits are not regionally extensive or sufficiently thick to completely restrict vertical groundwater flow between the Upper and Lower Aquifer zones and are thus referred to as an *aquitard*. The aquitard is absent (and no distinction between the Upper and Lower Aquifer zones occurs) along the southwestern margins of the Thermal Subarea at the base of the Santa Rosa Mountains, such as the alluvial fans at the mouth of Deep Canyon and near the City of La Quinta.



Source: Bulletin No. 108 (DWR 1964)

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Figure 2-3
Generalized Stratigraphic Column
Thermal Subbarea

The Lower Aquifer, composed of Ocotillo Conglomerate Formation, consists of silty sands and gravels with interbeds of silt and clay. It contains the greatest quantity of stored groundwater in the Indio Subbasin. The top of the Lower Aquifer occurs at a depth ranging from 300 to 600 feet below ground surface (feet-bgs). The thickness of the zone is undetermined, as the deepest wells in the Coachella Valley do not fully penetrate the formation. The available data indicate that the zone is at least 500 feet thick and may exceed 1,000 feet thick. The thickness of the aquitard overlying the Lower Aquifer zone ranges from 100 to 200 feet, although in some areas near the Salton Sea may exceed 500 feet.

Capping the Upper Aquifer zone in the Thermal Subarea is a shallow fine-grained zone in which semi-perched groundwater occurs (**Figure 2-4**). This zone consists of recent silts, clays, and fine sands and is relatively persistent southeast of the City of Indio. It ranges from zero to 100 feet thick and is an effective barrier to deep percolation. The low permeability of the materials southeast of the City of Indio has contributed to irrigation drainage challenges in the area. Semi-perched groundwater has been maintained by irrigation water applied to agricultural lands, necessitating the construction of an extensive subsurface tile drain system (DWR 1964). North and west of the City of Indio, the zone is composed mainly of clayey sands and silts, and its effect in retarding deep percolation is limited.

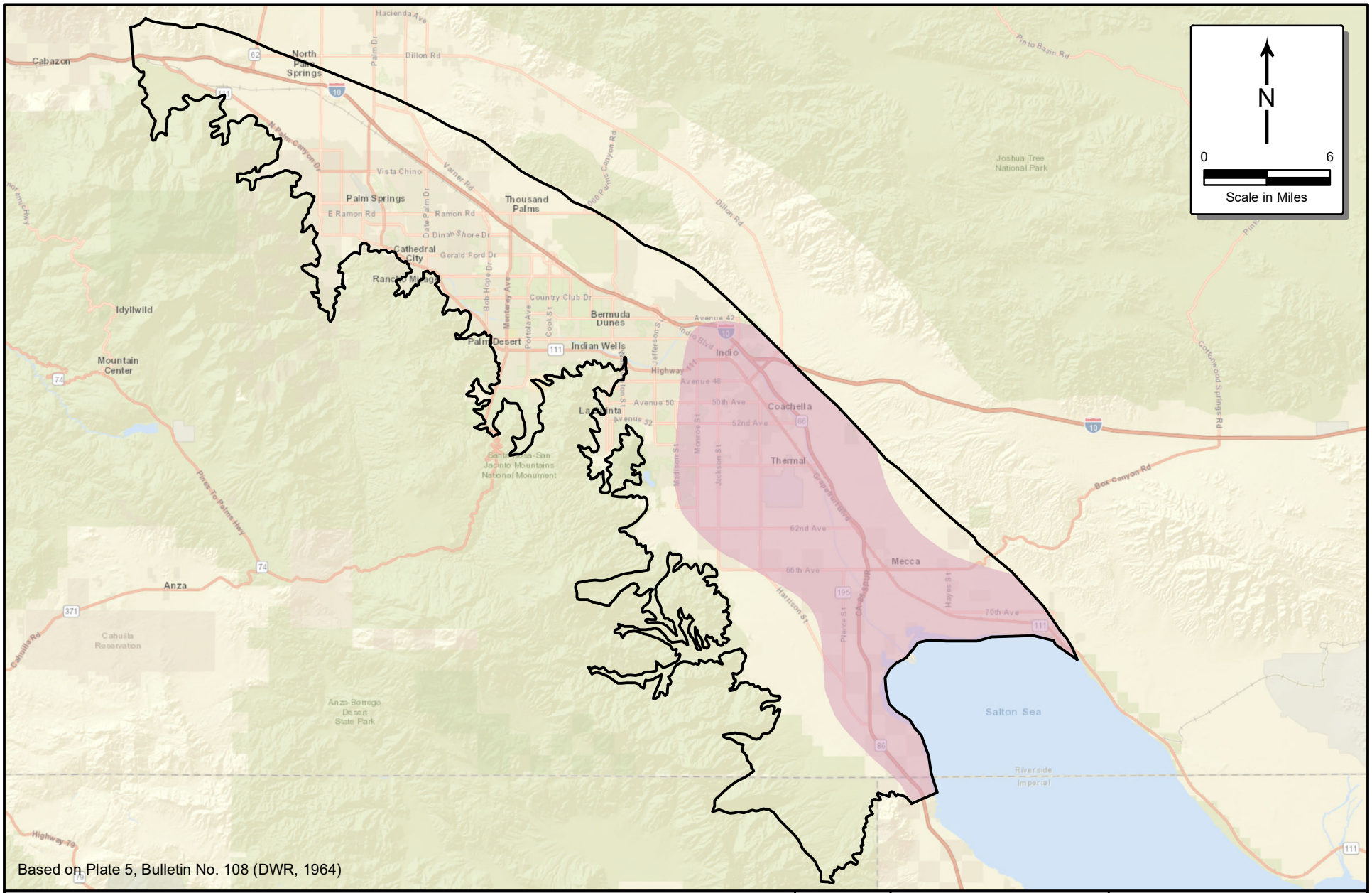
2.3.4 Thousand Palms Subarea

The Thousand Palms Subarea is located along the southwest flank of the Indio Hills and is differentiated from the Thermal Subarea by groundwater quality differences (DWR, 1964). In brief, groundwater in the Thousand Palms Subarea is characterized by sodium sulfate chemistry that is distinct from the calcium bicarbonate water of the Thermal Subarea. The differences in water quality indicate that replenishment to the Thousand Palms Subarea comes primarily from the Indio Hills and is limited in supply. The relatively sharp boundary between chemical characteristics of water derived from the Indio Hills in the Thousand Palms Subarea and groundwater in the Thermal Subarea suggests there is little intermixing between the two subareas.

The configuration of the water table north of the community of Thousand Palms is such that the generally uniform, southeasterly gradient in the Palm Springs Subarea diverges and steepens to the east along the base of Edom Hill. This steepened gradient suggests the presence of a barrier to groundwater flow in the form of a reduction in sediment permeability or a southeast extension of the Garnet Hill Fault. Gravity surveys by DWR (1964) do not indicate a subsurface fault. Accordingly, the sharp increase in gradient is attributed to lower sediment permeability to the east.

2.3.5 Oasis Subarea

Another peripheral zone of unconfined groundwater that is different in chemical characteristics from water in the major aquifers of the Indio Subbasin is found underlying the Oasis Piedmont slope. This zone, named the Oasis Subarea, extends along the base of the Santa Rosa Mountains. Water-bearing materials underlying the subarea consist of highly permeable fan deposits. Although groundwater data suggest that the boundary between the Oasis and Thermal Subareas may be a buried fault extending from Travertine Rock to the community of Oasis, the remainder of the boundary is a lithologic change from the coarse fan deposits of the Oasis Subarea to the interbedded sands, gravel, and silts of the Thermal Subarea. Little information is available as to the thickness of the water-bearing materials, but it is estimated to be in excess of 1,000 feet.


N
0
6
Scale in Miles
Based on Plate 5, Bulletin No. 108 (DWR, 1964)
Indio Subbasin
Shallow Semi-Perched Aquifer Zone (approximate)
Cabazon
North Palm Springs
Palm Springs
Thousand Palms
Vista Chino
Cathedral City
Rancho Mirage
Idyllwild
Mountain Center
Palm Desert
Bermuda Dunes
Indian Wells
La Quinta
Indio
Coachella
Thermal
Mecca
Anza
Cahuilla Reservation
Anza-Borrego Desert State Park
Salton Sea
Joshua Tree National Park
Pinto Basin Rd
Dillon Rd
Varner Rd
Ramon Rd
Country Club Dr
Avenue 42
Avenue 48
Avenue 50
Avenue 52
50th Ave
52nd Ave
62nd Ave
66th Ave
70th Ave
Box Canyon Rd
Highway 111
Pines To Palms Hwy
Cahuilla Rd
Highway 79
Riverside
Imperial
WOODARD &CURRAN
TODD GROUNDWATER
February 2021
Figure 2-4
Approximate Extent of Shallow Semi-Perched Aquifer in Thermal Subarea

3. GROUNDWATER ELEVATION DATA

This section summarizes groundwater conditions in terms of elevations, flow, trends over time, and artesian conditions.

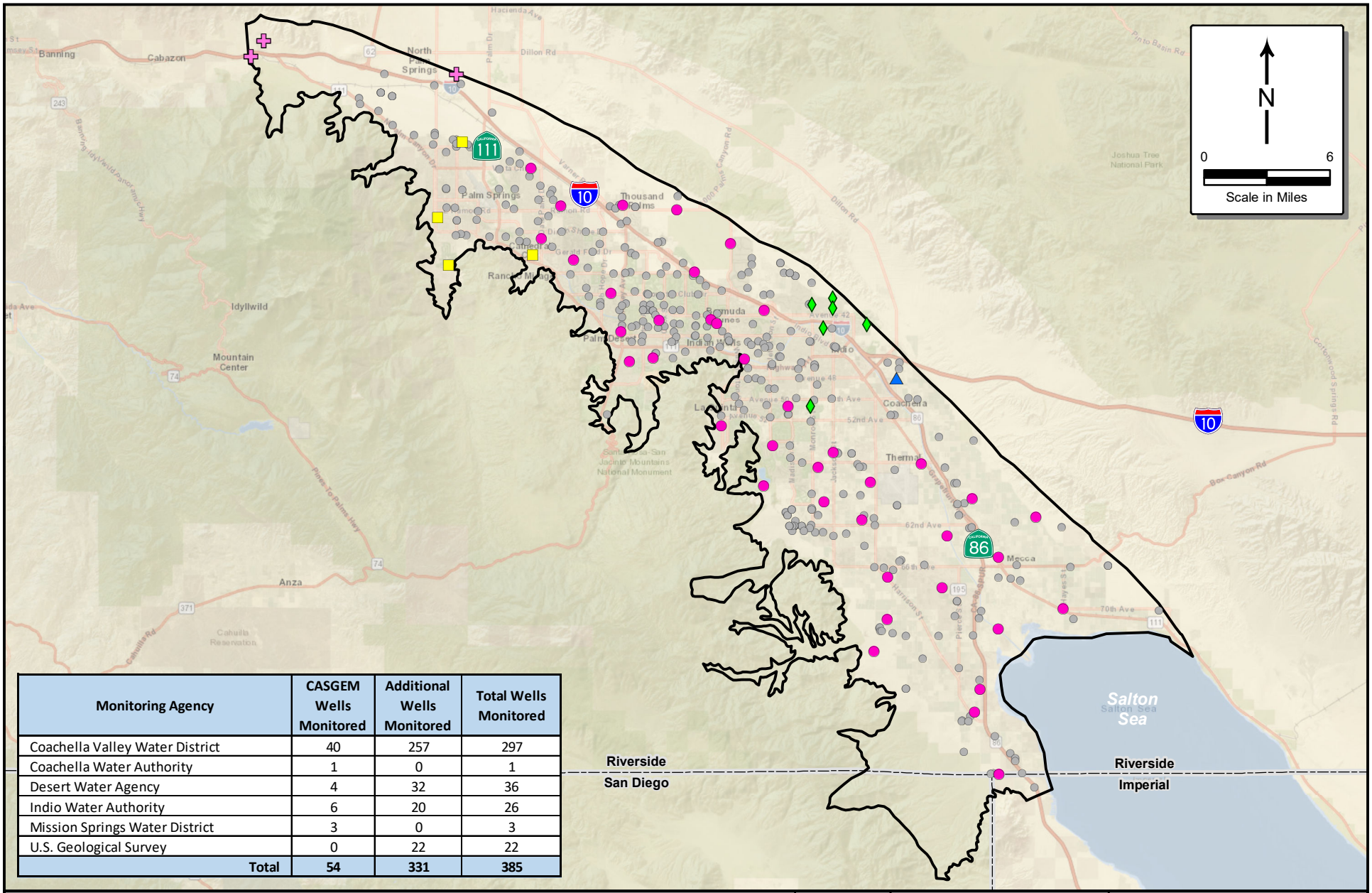
3.1 MONITORING WELLS

Groundwater level monitoring data are available for selected wells in the Indio Subbasin dating back to 1910. As summarized in **Table 3-1**, groundwater levels in a total of 385 wells in the Indio Subbasin were measured in WY 2019-2020, including 363 wells monitored by the GSAs and Mission Springs Water District (MSWD) and 22 monitored by the USGS. Of the 363 wells monitored by the GSAs and MSWD, 54 wells were monitored as part of the CASGEM program. The CASGEM program was developed by DWR in 2009 to track seasonal and long-term trends in groundwater elevations in California's groundwater basins and continues to exist as a tool to support the SGMA. The CASGEM program relies and builds upon the previously established local monitoring programs. The groundwater elevation monitoring data are used to characterize basin conditions, evaluate pumping and recharge operations, and support groundwater modeling and model calibration.

Figure 3-1 illustrates the distribution of groundwater elevation monitoring wells in the Indio Subbasin. A total of 331 wells were measured by the Indio Subbasin GSAs in WY 2019-2020 as part of their respective groundwater level monitoring programs in addition to the CASGEM-monitored wells. WY 2019-2020 water level measurements are provided in **Appendix B**.

Table 3-1
WY 2019-2020 Wells in Water Level Monitoring Program Indio Subbasin

Monitoring Agency	CASGEM Wells Monitored	Additional Wells Monitored	Total Wells Monitored
Coachella Valley Water District	40	257	297
Coachella Water Authority	1	0	1
Desert Water Agency	4	32	36
Indio Water Authority	6	20	26
Mission Springs Water District	3	0	3
U.S. Geological Survey	0	22	22
Total	**54**	**331**	**385**



Monitoring Agency	CASGEM Wells Monitored	Additional Wells Monitored	Total Wells Monitored
Coachella Valley Water District	40	257	297
Coachella Water Authority	1	0	1
Desert Water Agency	4	32	36
Indio Water Authority	6	20	26
Mission Springs Water District	3	0	3
U.S. Geological Survey	0	22	22
Total	**54**	**331**	**385**

WOODARD &CURRAN

TODD GROUNDWATER

February 2021

Figure 3-1
Elevation Monitoring Well Locations in the Indio Subbasin

3.2 GROUNDWATER ELEVATIONS, FLOW AND TRENDS

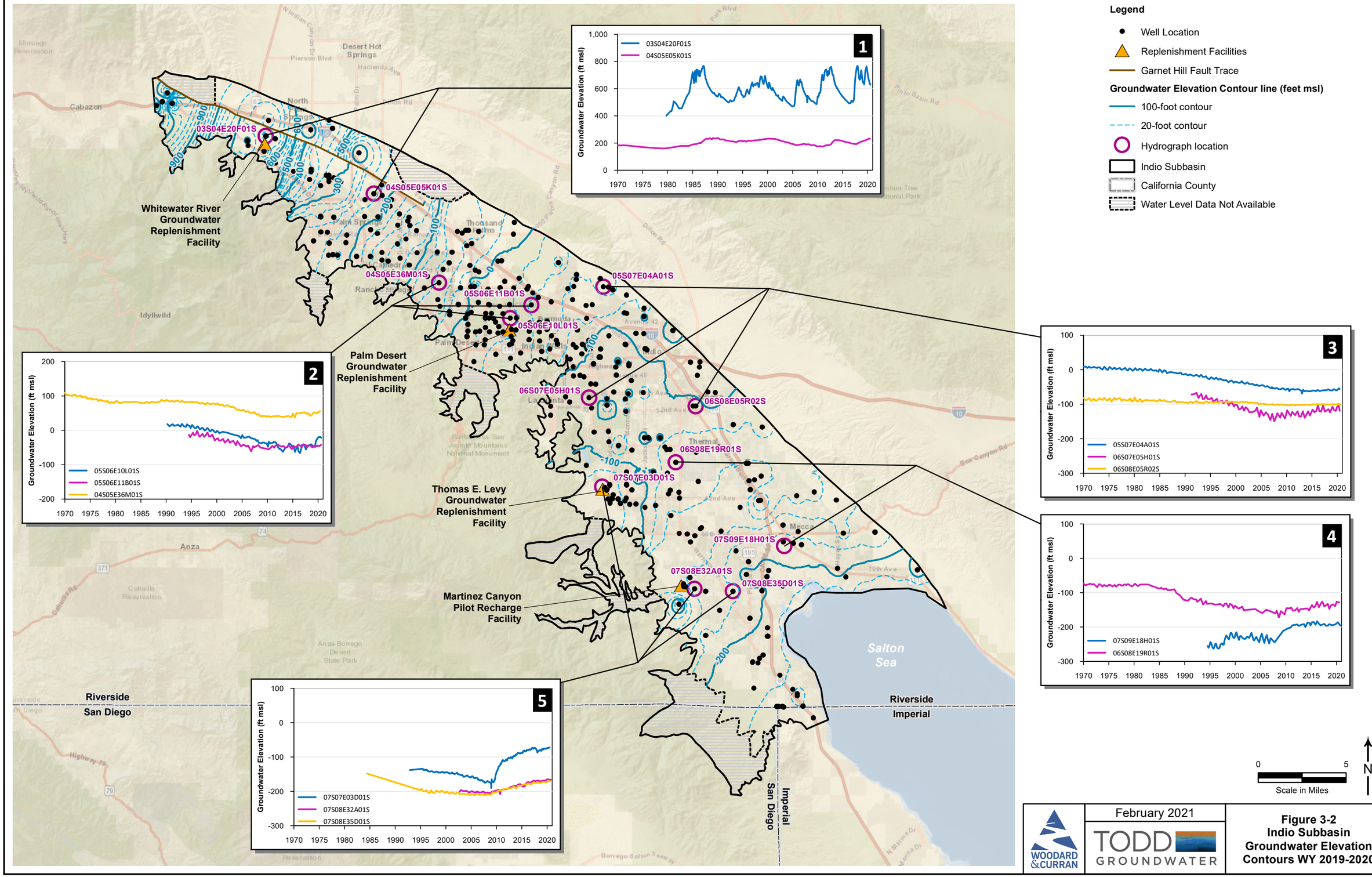
Figure 3-2 shows the WY 2019-2020 groundwater elevation contour map for the Indio Subbasin. Average groundwater elevations of the principal aquifer for the water year are used for contouring, as water levels do not exhibit strong seasonal trends. Regional groundwater flows are in a northwest-to-southeast direction through the Indio Subbasin. Groundwater elevations range from greater than 1,180 feet above mean sea level (feet msl) near the San Gorgonio Pass Subbasin in the northwest to approximately -220 feet msl in the southeast along the northern shoreline of the Salton Sea. The hydraulic gradients across the Indio Subbasin in WY 2019-2020 were typically steeper in the northwest with the gradient flattening to the southeast. Groundwater elevations and gradients are strongly influenced by groundwater replenishment activities near the WWR-GRF and TEL-GRF. Geological faults, constrictions, and pumping also affect localized hydraulic gradients.

Long-term water level hydrographs for 13 selected wells distributed across the Indio Subbasin are presented on **Figure 3-2** to illustrate groundwater elevation trends over time. Full-scale hydrographs are provided in **Appendix A**. The full-scale appendix hydrographs show the surface elevation of each well as a horizontal line. Water level measurements for the 13 wells are included on five hydrographs (labeled 1 through 5 on the **Figure 3-2**) and depict the groundwater level response to historical pumping and water management activities identified and implemented as part of the 2002 CVWMP and 2010 CVWMP Update. The hydrographs show that groundwater levels in the northwestern portion of the Indio Subbasin have responded directly and positively to historical replenishment activities at the WWR-GRF (Hydrograph 1). Groundwater elevations in the Palm Springs/Cathedral City area have remained relatively stable over time with more moderate positive responses to upgradient WWR-GRF replenishment activities. Groundwater levels in the Palm Desert area have stabilized since 2005 and increased slightly since 2010 with recent increases likely related to reduced groundwater pumping and initiation of recharge at the PD-GRF in February 2019 (Hydrograph 2). Groundwater elevations in Bermuda Dunes, La Quinta, Indio, and Coachella have stabilized since 2005 and increased slightly in the La Quinta area since 2010 (Hydrograph 3). Groundwater elevations in the southeastern portion of the Indio Subbasin near Thermal and Mecca have responded positively to replenishment activities at the TEL-GRF since recharge commenced in 2009 (Hydrographs 4 and 5).

Collectively, the selected hydrographs illustrate the effectiveness of groundwater replenishment, source substitution, and conservation programs in the Indio Subbasin in maintaining and, in some areas, increasing groundwater storage under varying historical climatic and water use conditions.

3.2.1 Artesian Conditions

Historically, the eastern portion of the Indio Subbasin experienced artesian conditions with sufficient pressure to cause groundwater levels in wells to rise above the ground surface. Artesian flowing wells attracted early settlers to farm in this area, but subsequently declined in the late 1930s as a result of increased local groundwater pumping. The completion of the Coachella Canal by the United States Bureau of Reclamation (USBR) in 1949 brought Colorado River water to the eastern Coachella Valley for agricultural irrigation purposes. Artesian conditions returned in the early 1960s through the 1980s, as imported Colorado River water was substituted for groundwater production. Beginning in the late 1980s, groundwater use increased again, resulting in declining water levels and the loss of artesian conditions.


Legend
Well Location
Replenishment Facilities
Garnet Hill Fault Trace
Groundwater Elevation Contour line (feet msl)
100-foot contour
20-foot contour
Hydrograph location
Indio Subbasin
California County
Water Level Data Not Available
03S04E20F01S
04S05E05K01S
04S05E36M01S
05S07E04A01S
05S06E11B01S
05S06E10L01S
06S07E05H01S
06S08E05R02S
06S08E19R01S
07S07E03D01S
07S09E18H01S
07S08E32A01S
07S08E35D01S
Whitewater River Groundwater Replenishment Facility
Palm Desert Groundwater Replenishment Facility
Thomas E. Levy Groundwater Replenishment Facility
Martinez Canyon Pilot Recharge Facility
1
Groundwater Elevation (ft msl)
03S04E20F01S
04S05E05K01S
2
05S06E10L01S
05S06E11B01S
04S05E36M01S
3
05S07E04A01S
06S07E05H01S
06S08E05R02S
4
07S09E18H01S
06S08E19R01S
5
07S07E03D01S
07S08E32A01S
07S08E35D01S
Riverside
San Diego
Imperial
Salton Sea
Scale in Miles
N
February 2021
WOODARD &CURRAN
TODD GROUNDWATER
Figure 3-2
Indio Subbasin
Groundwater Elevation
Contours WY 2019-2020

Groundwater water management programs, including groundwater replenishment, source substitution and water conservation, are restoring local groundwater levels and artesian conditions have returned in the eastern Indio Subbasin. Benefits associated with artesian conditions include reduced groundwater pumping costs and water quality protection of the deeper, confined production zone aquifers.

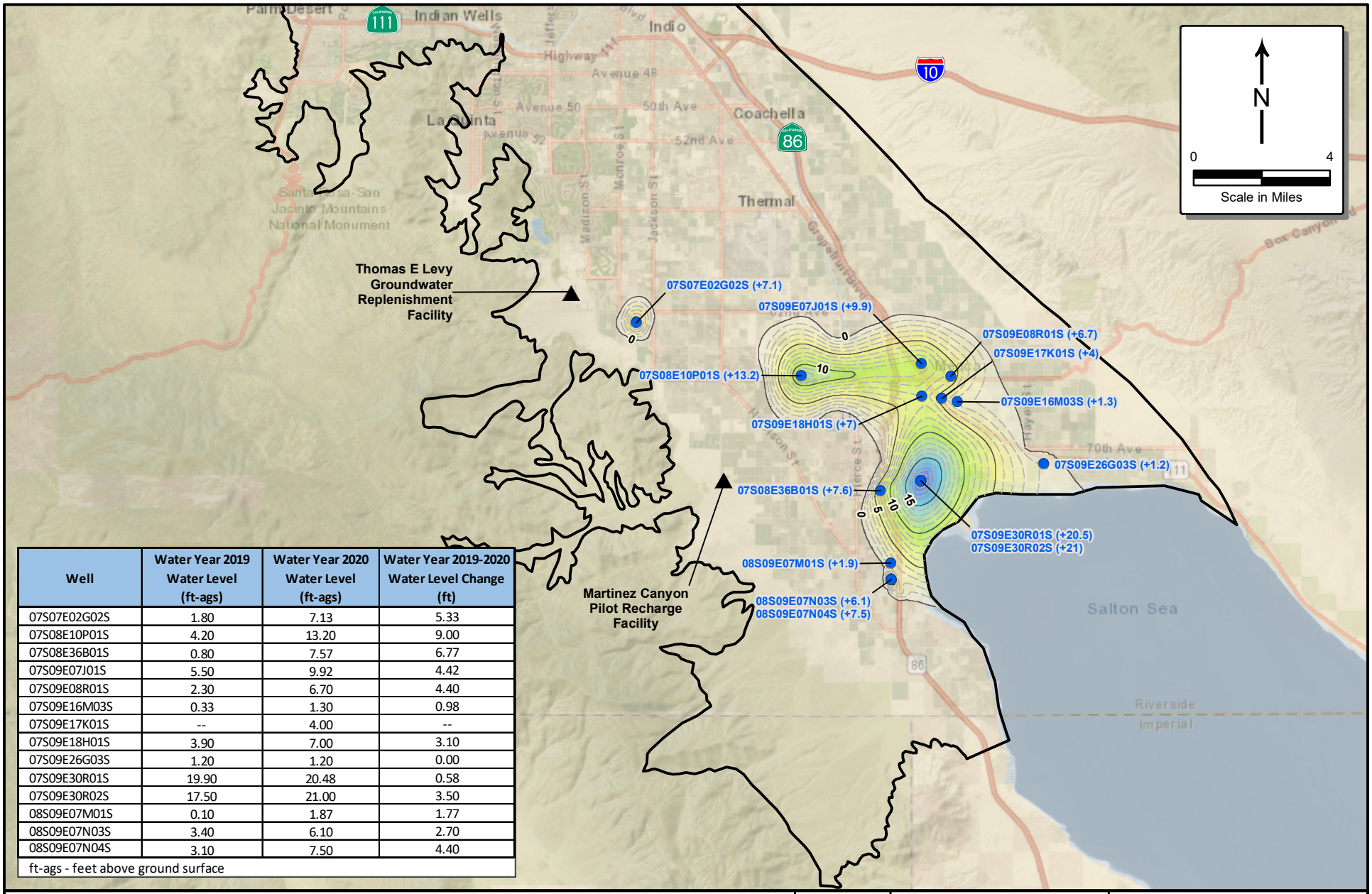
Figure 3-3 shows the location of 14 artesian wells in WY 2019-2020 and their respective water pressure equivalent elevation (measured in feet above ground surface [feet-ags]). The area of artesian conditions remained relatively stable in comparison to WY 2018-2019. Increases in artesian water levels (ranging from +1.8 to +9 feet) are noted in 12 of the 14 artesian wells. One well showed no change and one well had no previous measurement for comparison.

3.3 LAND SUBSIDENCE

Land subsidence is the differential lowering of the ground surface, which can damage structures and facilities. Land subsidence, resulting from historical groundwater level declines and resulting aquifer system compaction, has been a concern since the mid-1990s and has been investigated since 1996 through an on-going cooperative program between CVWD and the USGS (Sneed and Brandt, 2020). A network of GPS stations has been installed to document elevation changes at specific locations, while InSAR measurements have documented the geographic extent of elevation changes for the Indio Subbasin.

Analysis of InSAR data collected from 1995 to 2017 by the USGS indicated that as much as 2.0 feet of subsidence occurred in the Indio Subbasin from 1995 to 2010 near Palm Desert, Indian Wells, and La Quinta (Sneed and Brandt, 2020). Since 2010, groundwater levels have stabilized or partially recovered in response to the implementation of source substitution, conservation, and groundwater replenishment programs included in the 2010 CVWMP Update, therefore slowing or reversing the rate of subsidence in the Indio Subbasin. Up to 1 inch of uplift has been measured since 2011 in the Palm Springs area, corresponding to higher groundwater levels in response to upgradient WWR-GRF recharge. In the Thermal area, the ground surface has also rebounded about 2 inches over the past 10 years, returning to elevations observed in 2001. This rebound roughly coincides with commencement of recharge operations at the TEL-GRF in 2009. While many areas have stopped subsiding, and a few have even uplifted, a few areas did subside during 2010–2017, though at a slower rate, partly due to the sedimentology of the aquifer.

Continued monitoring and analysis is planned by the Indio Subbasin GSAs to track subsidence and document the effects of management actions.



Well	Water Year 2019 Water Level (ft-ags)	Water Year 2020 Water Level (ft-ags)	Water Year 2019-2020 Water Level Change (ft)
07S07E02G02S	1.80	7.13	5.33
07S08E10P01S	4.20	13.20	9.00
07S08E36B01S	0.80	7.57	6.77
07S09E07J01S	5.50	9.92	4.42
07S09E08R01S	2.30	6.70	4.40
07S09E16M03S	0.33	1.30	0.98
07S09E17K01S	--	4.00	--
07S09E18H01S	3.90	7.00	3.10
07S09E26G03S	1.20	1.20	0.00
07S09E30R01S	19.90	20.48	0.58
07S09E30R02S	17.50	21.00	3.50
08S09E07M01S	0.10	1.87	1.77
08S09E07N03S	3.40	6.10	2.70
08S09E07N04S	3.10	7.50	4.40

ft-ags - feet above ground surface

Artesian Well (WY 2019-2020 groundwater level in feet above ground surface)

Replenishment Facility

Indio Subbasin

Artesian Conditions

High : 21

Low : 0

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February 2021

TODD GROUNDWATER

Figure 3-3
WY 2019-2020 Artesian Wells in the Indio Subbasin

4. GROUNDWATER EXTRACTIONS

This section presents groundwater extraction volumes for the Indio Subbasin for WY 2019-2020. Because CVWD and DWA are authorized to collect a replenishment assessment fee from groundwater producers, their respective governing policies mandate the installation of water meters on all wells owned by entities producing more than 25 acre-feet per year (AFY) in CVWD's service area and more than 10 AFY in DWA's service area. Accordingly, the CVWD and DWA groundwater extraction monitoring programs provide relatively accurate extraction information for the Indio Subbasin.

Table 4-1 summarizes the groundwater extraction volumes in the Indio Subbasin in WY 2019-2020 by water use sector. The methods of measurement and corresponding measurement accuracy are also provided. The table shows that in WY 2019-2020, a total of 266,754 AF of groundwater was extracted from the Indio Subbasin. Of the total volume extracted, groundwater production of 262,954 AF was extracted from 557 metered wells in the subbasin. The remaining 3,800 AF of groundwater extraction is estimated for uses that are not required to report extraction amounts to any of the agencies: (1) industrial tribal water use (1,100 AF), (2) recreational tribal water use (1,200 AF), and (3) minimal pumpers (entities extracting less than 25 AFY in CVWD's service area and less than 10 AFY in DWA's service area) combined with unclassified tribal water use (1,500 AF).

The total groundwater extracted in WY 2019-2020 represents an increase of 3,388 AF (1.3 percent) compared to the volume extracted in WY 2018-2019 (263,366 AF). The agricultural water use sector experienced the largest volumetric increase in water use (2,787 AF increase compared to WY 2018-2019, or 6.6 percent). Changes in industrial and urban usage volumes increased, but in relatively smaller amounts compared with agricultural use. The industrial sector experienced a small volumetric increase in water use (75 AF increase compared to WY 2018-2019, or 5.7 percent). The urban sector experienced a small volumetric increase in water use (526 AF compared to WY 2018-2019, or 0.2 percent).

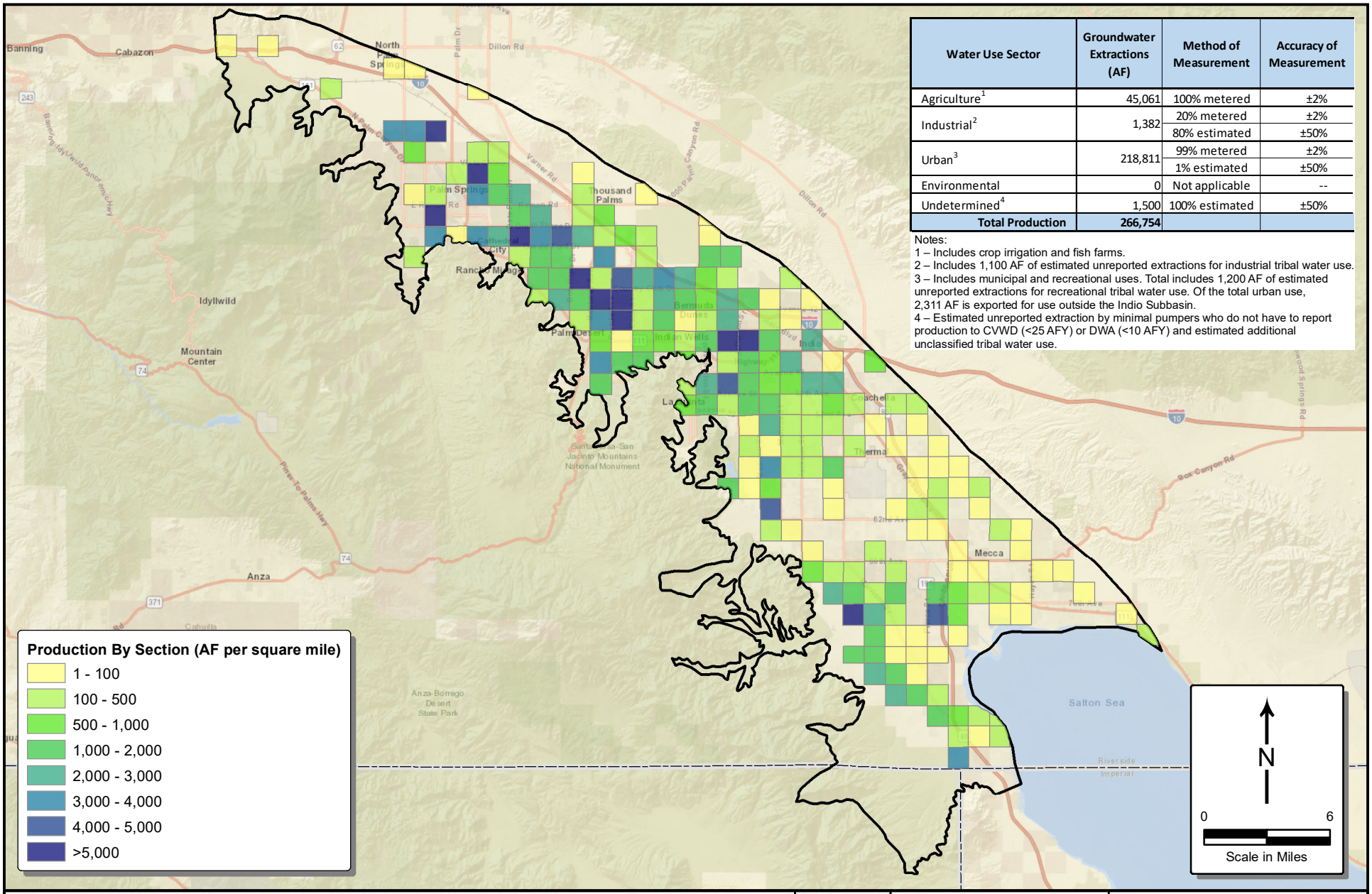
Note that **Table 4-1** includes a portion of groundwater extracted in the Indio Subbasin that is exported for use outside the Indio Subbasin. Groundwater volumes exported from the Indio Subbasin in WY 2019-2020 are described in further detail in Section 6.

Table 4-1
WY 2019-2020 Groundwater Extractions by Water Use Sector in the Indio Subbasin

Water Use Sector	Groundwater Extractions (AF)	Method of Measurement	Accuracy of Measurement
Agriculture[1]	45,061	100% metered	±2%
Industrial[2]	1,382	16% metered	±2%
		84% estimated	±50%
Urban[3]	218,811	99% metered	±2%
		1% estimated	±50%
Environmental	0	Not applicable	--
Undetermined[4]	1,500	100% estimated	±50%
Total Extraction	**266,754**		

Notes:
1 – Includes crop irrigation and fish farms.
2 – Includes 1,100 AF of estimated unreported extractions for industrial tribal water use
3 – Includes municipal and recreational uses. Total includes 1,200 AF of estimated unreported extractions for recreational tribal water use. Of the total urban use, 2,311 AF is exported for use outside the Indio Subbasin
4 – Estimated unreported extraction by minimal pumpers who do not have to report production to CVWD (<25 AFY) or DWA (<10 AFY) and estimated additional unclassified tribal water use

Figure 4-1 shows the location of groundwater extraction in the Indio Subbasin based on public land survey sections. The volume of groundwater extraction is indicated by color with dark blue sections corresponding to groundwater extraction exceeding 5,000 AF per square mile. Such areas are generally located near urban centers, including the cities of Palm Springs, Cathedral City, Rancho Mirage, Palm Desert, and Indio.



Water Use Sector	Groundwater Extractions (AF)	Method of Measurement	Accuracy of Measurement
Agriculture[1]	45,061	100% metered	±2%
Industrial[2]	1,382	20% metered	±2%
		80% estimated	±50%
Urban[3]	218,811	99% metered	±2%
		1% estimated	±50%
Environmental	0	Not applicable	--
Undetermined[4]	1,500	100% estimated	±50%
Total Production	**266,754**		

Notes:
1 – Includes crop irrigation and fish farms.
2 – Includes 1,100 AF of estimated unreported extractions for industrial tribal water use.
3 – Includes municipal and recreational uses. Total includes 1,200 AF of estimated unreported extractions for recreational tribal water use. Of the total urban use, 2,311 AF is exported for use outside the Indio Subbasin.
4 – Estimated unreported extraction by minimal pumpers who do not have to report production to CVWD (<25 AFY) or DWA (<10 AFY) and estimated additional unclassified tribal water use.

February 2021

Figure 4-1
WY 2019-2020
Groundwater Production

5. SURFACE WATER

This section presents the surface water availability and use for the Indio Subbasin for WY 2019-2020. Surface water supplies consist of local surface water, imported Colorado River water including water from the Coachella Canal, SWP exchange water from the Colorado River Aqueduct (CRA), and recycled water produced by publicly owned wastewater treatment plants.

5.1 LOCAL PRECIPITATION

Natural surface water flow in the Coachella Valley occurs as a result of precipitation, precipitation runoff, and stream flow originating from the San Bernardino and San Jacinto Mountains, with lesser amounts originating from the Santa Rosa Mountains. Most precipitation occurs from December through February with annual averages ranging from 3 to 6 inches on the Coachella Valley floor to more than 30 inches in the surrounding mountains (DWR, 1964). Occasionally, intense precipitation events occur during the summer months from subtropical thunderstorms. The precipitation that occurs within the tributary watersheds either evaporates, is consumed by native vegetation, percolates into underlying alluvium and fractured rock, or becomes runoff, which can be captured by mountain-front debris basins and percolated into the aquifer. A portion of the flow percolating into the mountain watersheds eventually becomes subsurface inflow to the subbasins.

Precipitation data for WY 2019-2020 collected for 12 precipitation monitoring stations are provided in **Table 5-1.** Station locations are shown on **Figure 5-1**. The annual precipitation for these stations during WY 2019-2020 averaged 7.68 inches, or approximately 160 percent relative to the long-term average.

Table 5-1
WY 2019-2020 Coachella Valley Precipitation Data (Inches)

Station Name[1]	Whitewater North	Snow Creek	Desert Hot Springs	Tachevah Dam	Tram Valley	Cathedral City	Thousand Palms	Palm Springs Sunrise	Edom Hill	Oasis	Mecca Landfill III	Thermal Airport
Subbasin	Indio	Indio	Mission Creek	Indio	Indio	Indio	Indio	Indio	Mission Creek	Indio	Indio	Indio
Station Number	233	207	57	216	224	34	222	442	436	431	432	443
Latitude	33°59'23.06"	33°53'32.64"	33°58'2.85"	33°49'51.26"	33°50'11.56"	33°46'51.49"	33°49'1.66"	33°48'35.94"	33°53'7.52"	33°26'21.64"	33°34'20.19"	33°37'53.90"
Longitude	116°39'21.39"	116°41'41.06"	116°29'39.93"	116°33'31.53"	116°36'49.72"	116°27'29.69"	116°23'46.30"	116°31'37.94"	116°26'18.48"	116° 4'44.83"	116° 0'15.33"	116° 9'50.81"
Elevation (feet msl)	2,220	1,658	1,223	570	2,675	283	230	397	1,038	-108	13	-122
October	0	0	0	0	0	0	0	0	0	0	0	0
November	2.35	4.24	0.98	0.98	2.22	0.76	0.75	0.98	0.69	0.99	0.91	0.6
December	2.92	4.6	1.49	2.15	2.88	1.18	1.1	1.68	1.29	1.53	1.55	1.45
January	0	0.09	0.01	0.02	0.05	0.02	0.03	0.03	0.02	0	0	0
February	0.03	0.09	0	0	0.09	0	0.02	0	0	0.02	0	0
March	3.29	6.53	1.83	3.7	5.05	2.08	1.5	2.69	1.77	2.31	2.05	2.82
April	1.42	3.15	1.19	1.12	2.46	0.83	0.98	0.99	1.19	0.82	0.78	0.74
May	0	0.09	0	0	0	0.01	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0.01	0	0
Total	10.01	18.79	5.5	7.97	12.75	4.88	4.38	6.37	4.96	5.68	5.29	5.61
Average	**7.68**											

Note:
1 – Two precipitation monitoring stations located in the Mission Creek Subbasin (Desert Hot Springs and Edom Hill) are included here primarily to fully characterize water year precipitation in the Coachella Valley region. However, data from these stations are not explicitly used in any Indio Subbasin-specific calculations.

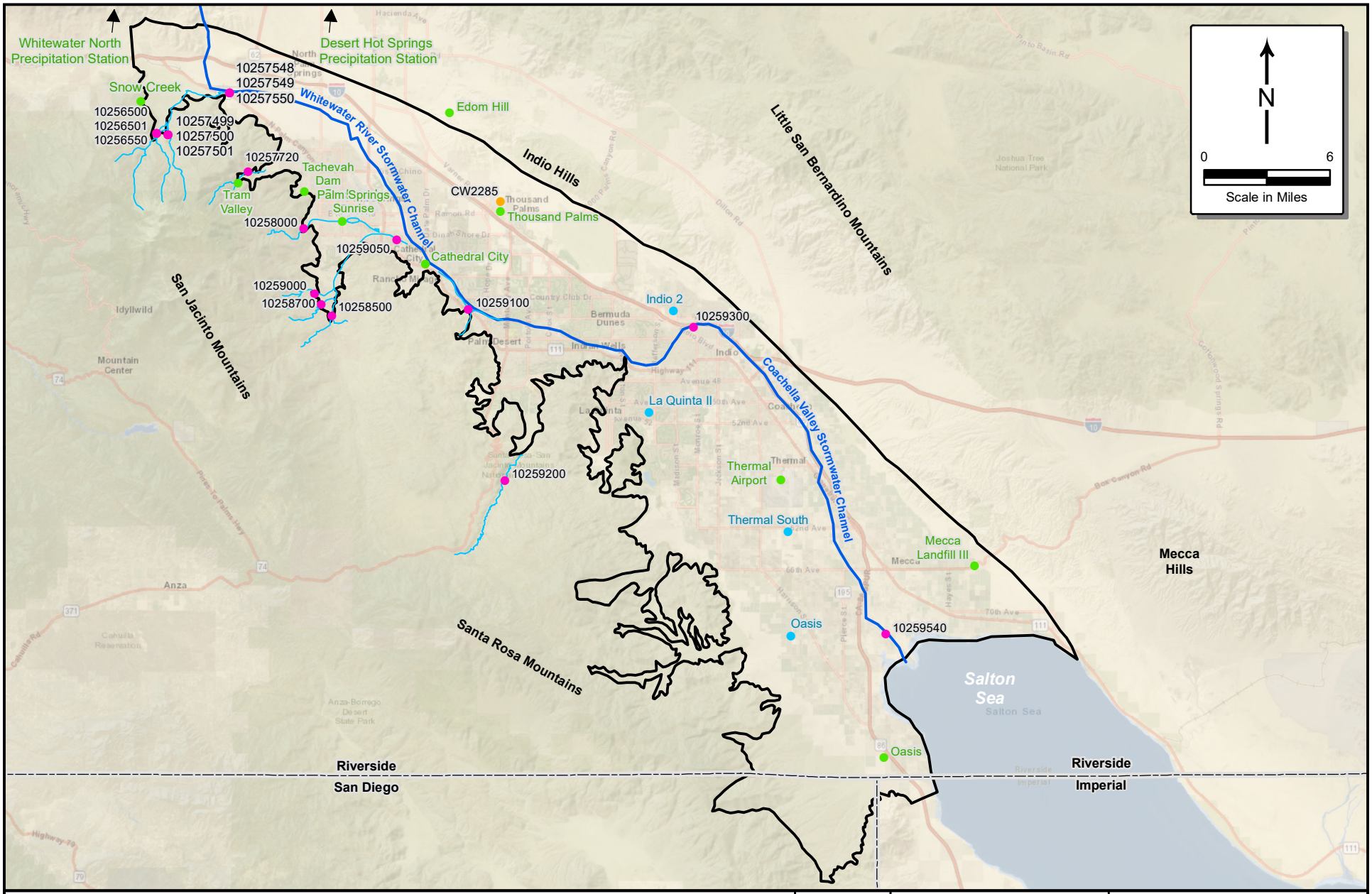


Figure 5-1
Climate and Streamflow Monitoring Stations

5.2 LOCAL STREAMFLOW

Streamflow is measured by the USGS at 19 stations in the Indio Subbasin. **Table 5-2** shows the station name and number, and the recorded streamflow volumes for WY 2019-2020. Stream gauge locations are shown on **Figure 5-1**.

Table 5-2
WY 2019-2020 Local Streamflow Measurements for the Indio Subbasin

Station Number	Station Name	WY 2019-2020 Flows (AF)
10256500	SNOW C NR WHITE WATER CA	5,196
10256501	SNOW C AND DIV COMBINED CA	5,993
10256550	SNOW C DIV NR WHITE WATER CA[1]	788
10257499	FALLS C DIV NR WHITEWATER CA	0
10257500	FALLS C NR WHITEWATER CA	927
10257501	FALLS C AND DIV COMBINED CA[1]	926
10257548	WHITEWATER R A WINDY POINT MAIN CHANNEL CA	41,038
10257549	WHITEWATER R A WINDY POINT OVERFLOW CHANNEL CA	4,468
10257550	WHITEWATER R A WINDY PT NR WHITEWATER CA	45,506
10257720	CHINO CYN C BL TRAMWAY NR PALM SPRINGS CA	507
10258000	TAHQUITZ C NR PALM SPRINGS CA	2,876
10258500	PALM CYN C NR PALM SPRINGS CA	1,094
10258700	MURRAY CYN C NR PALM SPRINGS CA	696
10259000	ANDREAS C NR PALM SPRINGS CA	1,705
10259050	PALM CYN WASH NR CATHEDRAL CITY CA	72
10259100	WHITEWATER R A RANCHO MIRAGE CA	200
10259200	DEEP C NR PALM DESERT CA	534
10259300	WHITEWATER R A INDIO CA	471
10259540	WHITEWATER R NR MECCA	51,153

Note:
1 – USGS measurements are calculated for the Snow Creek and Falls Creek diversion based on the difference between the measurement at the gauges upstream and downstream of the diversions.

Note that some streams (e.g., Whitewater River, Snow Creek, and Falls Creek) are gauged at multiple locations. For example, the Whitewater River is gauged at six locations. USGS gauges 10257548 and 10257549 are downstream from where imported water is released at the WWR-GRF. USGS gauge 10259540 measures the flow in the CVSC before it enters the Salton Sea. Snow Creek and Falls Creek are each gauged at two locations (upgradient and downgradient of respective diversion structures). Diversions for each creek are calculated based on the difference between the upstream and downstream gauges.

5.2.1 Direct Use of Local Surface Water

DWA operates stream diversions facilities on Snow, Falls, and Chino Canyon creeks, and captures subsurface flow from the Whitewater River Canyon. During WY 2019-2020, 1,645 AF of local surface water was directly used as shown in **Table 5-3**. A total of 954 AF was used for urban water supply in DWA's service area, and 691 AF of local surface water was used for agricultural irrigation near Whitewater.

Table 5-3
WY 2019-2020 Direct Use of Local Surface Water in the Indio Subbasin

Water Use Sector	Surface Water Use (AF)	Method of Measurement	Accuracy of Measurement
Agriculture	691	100% estimated	±50%
Industrial	0	Not applicable	--
Urban	954	100% metered	±2%
Environmental	0	Not applicable	--
Total Surface Water Use	**1,645**		

5.3 IMPORTED WATER DELIVERIES

The Indio Subbasin has water allocations from two imported surface water sources: the Colorado River and the SWP. Colorado River water is delivered to the eastern part of the Indio Subbasin via the Coachella Canal. There is currently no infrastructure to physically deliver SWP water to the Coachella Valley. To exercise SWP deliveries, CVWD and DWA exchange the deliveries with the MWD for Colorado River water, which can be delivered via the CRA. Imported surface water is used to recharge groundwater and as an alternative source to groundwater pumping in the Indio Subbasin. CVWD and DWA augment natural recharge of the Indio Subbasin through their respective groundwater replenishment programs. There are two types of groundwater replenishment programs in the Indio Subbasin: 1) direct replenishment, in which imported surface water is percolated directly into the aquifer, and 2) in-lieu replenishment, in which imported surface water or recycled water is provided directly to irrigation customers, thus reducing or eliminating the use of pumped groundwater.

5.3.1 Colorado River Water Allocation

Colorado River water has been a water supply source for the Indio Subbasin area since the Coachella Canal was completed in 1949. CVWD is the only agency in the Indio Subbasin that receives Colorado River water allocations. California's Colorado River water rights are defined by the 1922 Colorado River Compact and the 1928 Boulder Canyon Project Act. CVWD's allocation of its portion of California's rights were set by the 1931 Seven Party Agreement.[3] Under the Seven Party Agreement, approximately 330,000 AF of Priority 3A Colorado River water is diverted from the All-American Canal at the Imperial Dam to CVWD's Lake Cahuilla via the Coachella Canal. This water is then delivered to the CVWD's Improvement District

[3] The seven parties include CVWD, MWD, Imperial Irrigation District (IID), Palo Verde Irrigation District, City of Los Angeles, City of San Diego, and County of San Diego.

No. 1 (ID-1) service area, which encompasses 136,436 acres mainly in the southeastern area of the Coachella Valley, as defined by the above agreements.

The 2003 Quantification Settlement Agreement (QSA), negotiated by CVWD, Imperial Irrigation District (IID), MWD, and San Diego County Water Authority (SDCWA), quantifies the Colorado River water allocations of California's water contractors through 2077 and supports the transfer of water between agencies. The QSA defines CVWD's Colorado River water supply entitlement on a calendar year basis. Under the QSA, CVWD has a base allotment of 330,000 AFY. CVWD negotiated QSA transfer agreements with MWD and IID for an additional 123,000 AFY of Colorado River water by 2026. CVWD's Colorado River entitlement under the QSA for Calendar Year (CY) 2020 is summarized in **Table 5-4**. CVWD's total Colorado River water entitlements for CY 2020 under the QSA is 394,000 AFY, an increase of 5,000 AF as compared to CY 2019. The CY 2020 total entitlements include a 5,000 AF increase from CY 2019 reflecting the change in Second IID/CVWD Transfer water from 18,000 AF in calendar year CY 2019 to 23,000 AF in CY 2020.

Table 5-4
CY 2020 CVWD Colorado River Water Entitlements under the QSA

Budget Component	Amount (AF)
Base Entitlement	330,000
Less Coachella Canal Lining (to SDCWA)	-26,000
Less Miscellaneous/Indian PPRs[1]	-3,000
1988 MWD/IID Approval Agreement	20,000
First IID/CVWD Transfer	50,000
Second IID/CVWD Transfer	23,000
MWD/CVWD Replacement Water[2]	0
Total Colorado River Diversions	**394,000**

Notes:
1 – Indian Present Perfected Rights.
2 – MWD assumes the obligation to provide 50,000 AFY of replacement water after 2048.

5.3.2 State Water Project Allocation (Exchange Water)

DWR manages the SWP and determines the available amount of SWP water for delivery based on hydrologic, storage, water rights, water quality, and environmental factors, including requirements for the Sacramento-San Joaquin Delta (Delta). The available water is then allocated to the SWP contractors according to Table A amounts (CVWD, 2012a). During CY 2020, DWR allocated 20 percent of the Table A amounts to contractors. This is less than the current 20-year average reliability of 58 percent due to below average precipitation during winter of WY 2019-2020. DWR allocated 75 percent of CVWD's and DWA's Table A amounts in CY 2019.

While CVWD and DWA have contracts for Table A water (**Table 5-5**), there are no physical facilities to deliver this water to the Coachella Valley. Table A water is exchanged for Colorado River water from MWD's CRA facilities. Since 1973, this exchange water has been delivered to the Indio Subbasin at the WWR-GRF or the MC-GRF turnout. As summarized in **Table 5-5**, CVWD and DWA SWP allocations include their original Table A allocations and the following transfer agreements:

- **MWD Transfer (2003):** CVWD and DWA executed a Delivery and Exchange Agreement with MWD for a total of 100,000 AFY as a permanent transfer to be delivered to the WWR-GRF or the MC-GRF.
- **Tulare Lake Basin Transfer #1 (2004):** CVWD purchased an additional 9,900 AFY of Table A water from Tulare Lake Basin Water Storage District in Kings County.
- **Tulare Lake Basin Transfer #2 (2007):** CVWD and DWA executed transfer agreements with Tulare Lake Basin Water Storage District for 5,250-7,000 AFY and 1,750 AFY, respectively.
- **Berrenda Transfer (2007):** CVWD and DWA executed transfer agreements with Berrenda Mesa Water District in Kern County for 12,000-16,000 AFY and 4,000 AFY, respectively.

Along with the transfer agreements described above, CVWD also acquired an additional 35,000 AFY of SWP transfer water from the QSA. The SWP QSA water is exchanged for Colorado River water that can either be delivered to the eastern portion of the Indio Subbasin via the Coachella Canal or to the western portion of the subbasin via the CRA.

The objective of these purchases and acquisitions along with the CVWD QSA Transfer was to achieve long-term average deliveries of 140,000 AFY from the SWP. The 2010 CVWMP reestablished this goal of SWP supplies for the Indio Subbasin.

An Advance Delivery Agreement between CVWD, DWA, and MWD, signed in 1985 and later amended, allows for pre-delivery of Colorado River water to the Indio Subbasin. As such, CVWD and DWA may either receive deliveries of SWP Exchange water from the CRA or from water previously stored in the Indio Subbasin as part of the Advance Delivery Account. The agreement allows for up to 800,000 AF of SWP Exchange water stored in the account.

Table 5-5
State Water Project Table A Amounts

Agency	Original SWP Table A (AFY)	Metropolitan Transfer (AFY)	Tulare Lake Basin Transfer #1 (AFY)	Tulare Lake Basin Transfer #2 (AFY)	Berrenda Transfer (AFY)	Total (AFY)
CVWD	23,100	88,100	9,900	5,250	12,000	138,350
DWA	38,100	11,900	-	1,750	4,000	55,750
Total	**61,200**	**100,000**	**9,900**	**7,000**	**16,000**	**194,100**

For the WY 2019-2020, CVWD's and DWA's SWP allocations were delivered to MWD in accordance with the SWP Exchange Agreement. Along with transfers listed in **Table 5-5**, CVWD and DWA have explored additional water transfers, for example water purchases from programs such as SWP Article 21 and Turnback Water Pool, Governor's Drought Water Bank, Yuba Accord, and Rosedale-Rio Bravo Water Storage District.

Table 5-6 summarizes the WY 2019-2020 deliveries to MWD of SWP water, which MWD then exchanges for Colorado River water and delivers to CVWD and DWA at their respective facilities. Surplus deliveries received by CVWD and DWA are credited to the Advance Delivery Account.

As part of the SWP Exchange Agreement, MWD received a total of 181,803 AF of SWP water. Of this amount, 62,500 AF was Table A water, 540 AF was Dry Year (Yuba) water, and 11,875 AF was Rosedale-Rio Bravo transfer water. MWD also received 9,838 AF of SWP water allocated to CVWD under the QSA.

As shown in **Table 5-6** CVWD and DWA received 47,540 AF of SWP Exchange water at the WWR-GRF and 1,341 AF at the MC-GRF (in the Mission Creek Subbasin), for a total delivery to the Coachella Valley of 48,881 AF (169,429 AF less than the 218,310 AF delivered in WY 2018-2019), and 147,922 AF was deducted from the Advance Delivery Account. At the end of WY 2019-2020, 267,495 AF was stored in MWD's Advance Delivery Account in the Indio Subbasin. This represents over three years of SWP Exchange water deliveries at the current 20-year average reliability of 58 percent of CVWD's and DWA's combined Table A amounts. The 2019 SWP Delivery Capability Report (DWR, 2020) estimates the long-term average deliverability at 58 percent of maximum Table A amounts.

Table 5-6
Deliveries of CVWD and DWA SWP Water to MWD in WY 2019-2020

Description	CVWD (AF)	DWA (AF)	Total (AF)
Table A	44,554	17,946	62,500
Article 21 "Interruptible"	0	0	0
Turnback Pool A and B	0	0	0
Multi-Year Pool	0	0	0
Dry Year (Yuba)	385	155	540
Flex Storage Payback	0	0	0
Article 56 (c) "Carryover" from 2019 delivered in 2020	69,175	27,875	97,050
Rosedale-Rio Bravo	11,875	0	11,875
CVWD QSA Transfer[1]	9,838	0	9,838
Total Delivered to MWD	**135,827**	**45,976**	**181,803**
1988 MWD/IID Approval Agreement Exchange[2]	--	--	15,000
Total Exchanged	**--**	**--**	**196,803**
Water Delivered to CVWD and DWA at Whitewater River-GRF (WWR-GRF)	--	--	47,540
Water Delivered to CVWD and DWA at Mission Creek GRF (MC-GRF)	--	--	1,341
Total Delivered to CVWD/DWA	**--**	--	**48,881**
Credit to/from Advance Delivery Account[3]	--	--	-147,922
Advance Delivery Account Balance as of September 30, 2020	--	--	267,495

Notes:
1 – The 35,000 AFY of SWP water available through the QSA may be delivered at either Imperial Dam or Whitewater River and is not subject to SWP or Colorado River reliability.
2 – The 2019 Second Amendment to the Delivery and Exchange Agreement (CVWD, 2019a) allows CVWD to receive 15,000 AF of the 20,000 AF 1988 MWD/IID Approval Agreement at the Whitewater GRF through 2026; MWD retains 5,000 AF.
3 – Credit to/from Advance Delivery Account is the difference between Total Water Delivered to MWD and Total Water Delivered to CVWD and DWA.

5.3.3 Total Imported Deliveries

Table 5-7 summarizes the imported water use in the Indio Subbasin by water use sector and source during WY 2019-2020. Total imported water use in the Indio Subbasin was 365,417 AF. This does not include 2,689 AF of imported water deliveries used outside the Indio Subbasin.

Table 5-7
WY 2019-2020 Imported Water for Direct Use in the Indio Subbasin

Water Use Sector	Water Source	Imported Water Use (AF)	Method of Measurement	Accuracy of Measurement
Agriculture[1]	Coachella Canal	237,084	100% metered	±2%
Industrial	Coachella Canal	0	100% metered	±2%
Urban[2]	Coachella Canal	37,022	100% metered	±2%
Environmental[3]	Coachella Canal	0	Not applicable	--
Total Imported Water for Direct Use[4]		274,106		
Exported for Use Outside of Indio Subbasin[5]		*2,689*		
Total Imported Water for Direct Use in Indio Subbasin		**271,417**		
Groundwater Replenishment	Coachella Canal[6]	46,460	100% metered	±2%
Groundwater Replenishment	SWP Exchange	47,540	100% metered	±2%
Total Imported Water for Groundwater Replenishment		**94,000**		
Total Imported Water Use in the Indio Subbasin		**365,417**		

Notes:
1 – Includes crop irrigation and fish farms. Includes 1,336 AF for agricultural use outside Indio Subbasin.
2 – Includes municipal and recreational uses. Includes 1,353 AF for urban use outside Indio Subbasin.
3 – A small amount of Coachella Canal water is used for wildlife habitat enhancement and mitigation in the East Salton Sea groundwater basin.
4 – Excludes regulatory water (8,409 AF) and conveyance losses.
5 – Water delivered to agricultural and urban users outside Indio Subbasin in the Mission Creek Subbasin and Desert Hot Springs Subbasin.
6 – Includes 36,851 AF to TEL-GRF and 9,609 AFY to PD-GRF.

5.4 RECYCLED WATER

Figure 5-2 shows the locations of water reclamation plants (WRPs) and other wastewater treatment and discharge facilities in the Indio Subbasin. Currently, three WRPs provide recycled water for irrigation in the Indio Subbasin. Of these, two WRPs are operated by CVWD (WRP-7 and WRP-10) and one WRP is operated by DWA in cooperation with the City of Palm Springs.

CVWD WRP-7, located north of Indio, has a tertiary treatment capacity of 2.5 million gallons per day (mgd). Recycled water from WRP-7 is applied to golf courses in the Sun City area and percolated at on-site and off-site ponds. CVWD WRP-10, located in Palm Desert, has a tertiary treatment capacity of 15 mgd and delivers recycled water for golf course irrigation and Home Owner Associations (CVWD, 2018a).

The City of Palm Springs/DWA WRP is located in the City of Palm Springs and has a tertiary treatment capacity of 10 mgd. DWA provides tertiary treatment for City of Palm Springs's wastewater to recycle it for uses such as irrigation of several golf courses, parks, and other greenscapes in the Palm Springs area. **Table 5-8** shows that 13,162 AF of recycled water was used in WY 2019-2020 in the Indio Subbasin to offset groundwater pumping.

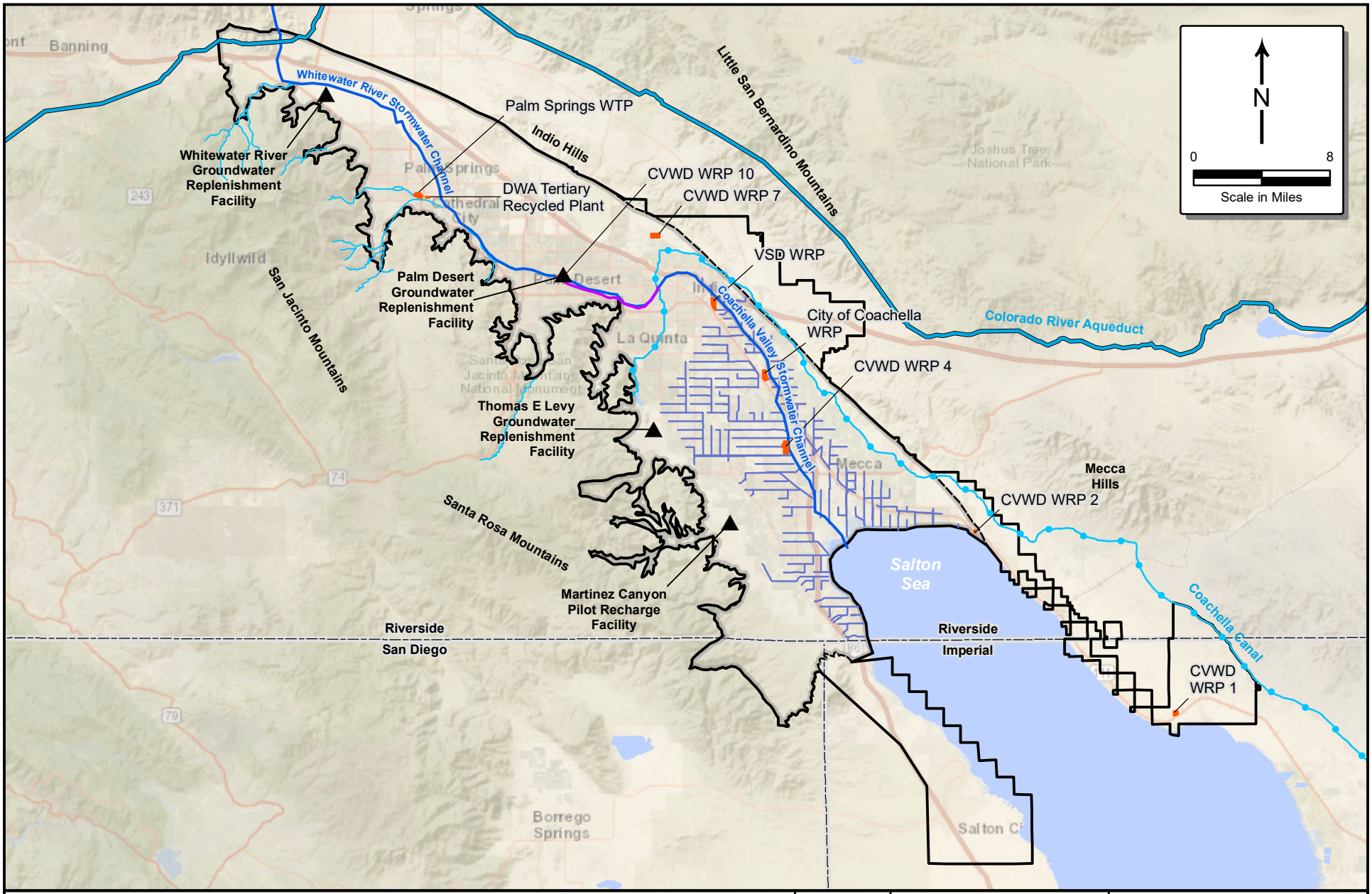


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Figure 5-2
Water and Wastewater Facilities

Table 5-8
WY 2019-2020 Recycled Water Use in the Indio Subbasin

Water Use Sector	Water Source	Recycled Water Use (AF)	Method of Measurement	Accuracy of Measurement
Urban[1]	DWA WRP	4,175	100% metered	±2%
Urban[1]	CVWD WRP-7	1,753	100% metered	±2%
Urban[1]	CVWD WRP-10	7,234	100% metered	±2%
Total Recycled Water Use		**13,162**		

Notes:
1 - Includes municipal, recreational, and reclamation plant (including on-site) water uses.

Four additional WRPs in the Indio Subbasin treat wastewater but do not generate recycled water. These wastewater treatment facilities are operated by the Valley Sanitary District (VSD), the City of Coachella, and CVWD (WRP-2 and -4) (locations of each facility are shown on **Figure 5-2**). For these wastewater treatment facilities, treated effluent is discharged either to on-site percolation/evaporation ponds or to the CVSC. Additionally, the Kent SeaTech Fish Farm has a National Pollution Discharge Elimination System (NPDES) permit to discharge water to the CVSC. **Table 5-9** summarizes the volumes of wastewater treated, recycled, and disposed in the Indio Subbasin by facility (listed from northwest to southeast).

Table 5-9
WY 2019-2020 Wastewater Treatment, Reuse, and Disposal in the Indio Subbasin

Facility	Wastewater Treated (AF)	Recycled Water Use[1] (AF)	Recycled On-site WRP Use[2] (AF)	Disposal Percolation/ Evaporation (AF)	Disposal to CVSC[3] (AF)
CPS WWTP/DWA WRP	6,405	4,165	10	2,230	N/A
CVWD WRP-7	3,249	1,457	296	1,496	N/A
CVWD WRP-10	9,150	6,805	429	1,916	N/A
Valley SD WRP	6,760	0	0	0	6,760
City of Coachella WRP	3,078	0	0	0	3,078
CVWD WRP-4	5,810	0	0	0	5,810
Kent SeaTech	5,802	0	0	0	5,802
CVWD WRP-2[4]	14	0	0	14	0
Total	**40,268**	**12,427**	**735**	**5,656**	**21,450**

Notes:
1 – Recycled water sold to customers
2 – Recycled water use for WRP on-site water uses
3 – Coachella Valley Stormwater Channel
4 – Includes 11 AF of percolation and 3 AF of evaporation

6. TOTAL WATER USE

This section presents the total water use for the Indio Subbasin for WY 2019-2020. **Table 6-1** presents a summary of water use by water use sector and water source. As shown in **Table 6-1**, a total of 550,667 AF of water was directly used within the Indio Subbasin. This represents a decrease of 778 AF compared to WY 2018-2019 (551,445 AF). Over the past three years, water use has generally been consistent in spite of variations in weather.

Total direct use volumes do not include 5,000 AF of water exported for use outside of the Indio Subbasin. This includes (a) Colorado River water exported outside the Indio Subbasin for agricultural use (1,336 AF) and urban use (1,353 AF) and (b) groundwater pumped from the Indio Subbasin and delivered to CVWD customers in Imperial and Riverside Counties on the east and west sides of the Salton Sea (East and West Salton Sea Basins) or pumped by MSWD and delivered to its customers in the Mission Creek and Desert Hot Springs Subbasins.

Figure 6-1 shows a comparison of supply and demand for direct use within the Indio Subbasin for WY 2019-2020.

Table 6-1

WY 2019-2020 Total Water Use by Sector and Source in the Indio Subbasin

Water Use Sector	Water Source (AF)						Method of Measurement	Accuracy of Measurement
	Groundwater Production	Local Surface Water	Imported Water: Colorado River[4]	Imported Water: SWP Exchange[5]	Recycled Water	Total Direct Water Use in Indio Subbasin		
Agriculture[1]	45,061	691	235,748	0	0	**281,500**	99% metered 1% estimated	±2% ±50%
Industrial	1,382	0	0	0	0	**1,382**	16% metered 84% estimated	±2% ±50%
Urban[2]	216,500	954	35,669	0	13,162	**266,285**	99% metered 1% estimated	±2% ±50%
Environmental	0	0	0	0	0	**0**	Not applicable	-
Undetermined[3]	1,500	0	0	0	0	**1,500**	100% estimated	±50%
Total Direct Water Use in Indio Subbasin	**264,443**	**1,645**	**271,417**	**0**	**13,162**	**550,667**		
Water Exported for Use outside Indio Subbasin	**2,311**	**0**	**2,689**	**0**	**0**	**5,000**		
Total Water Use including Water Exported outside Indio Subbasin	**266,754**	**1,645**	**274,106**	**0**	**13,162**	**555,667**		

Notes:

1 – Includes crop irrigation and fish farms; excludes 1,336 AF of Canal water exported for agricultural use in the Desert Hot Springs Subbasin.

2 – Includes municipal and recreational uses; excludes 1,353 AF of Canal water and 2,311 AF of groundwater exported for use outside the Indio Subbasin for urban use in the Mission Creek Subbasin, Desert Hot Springs Subbasin, and West Salton Sea and East Salton Sea.

3 – Estimated production by minimal pumpers who do not report production to CVWD (<25 AFY) or DWA (<10 AFY) and estimated additional unreported tribal water use.

4 – Excludes regulatory water (8,409 AF) and conveyance losses.

5 – SWP exchange water is recharged, not directly used.

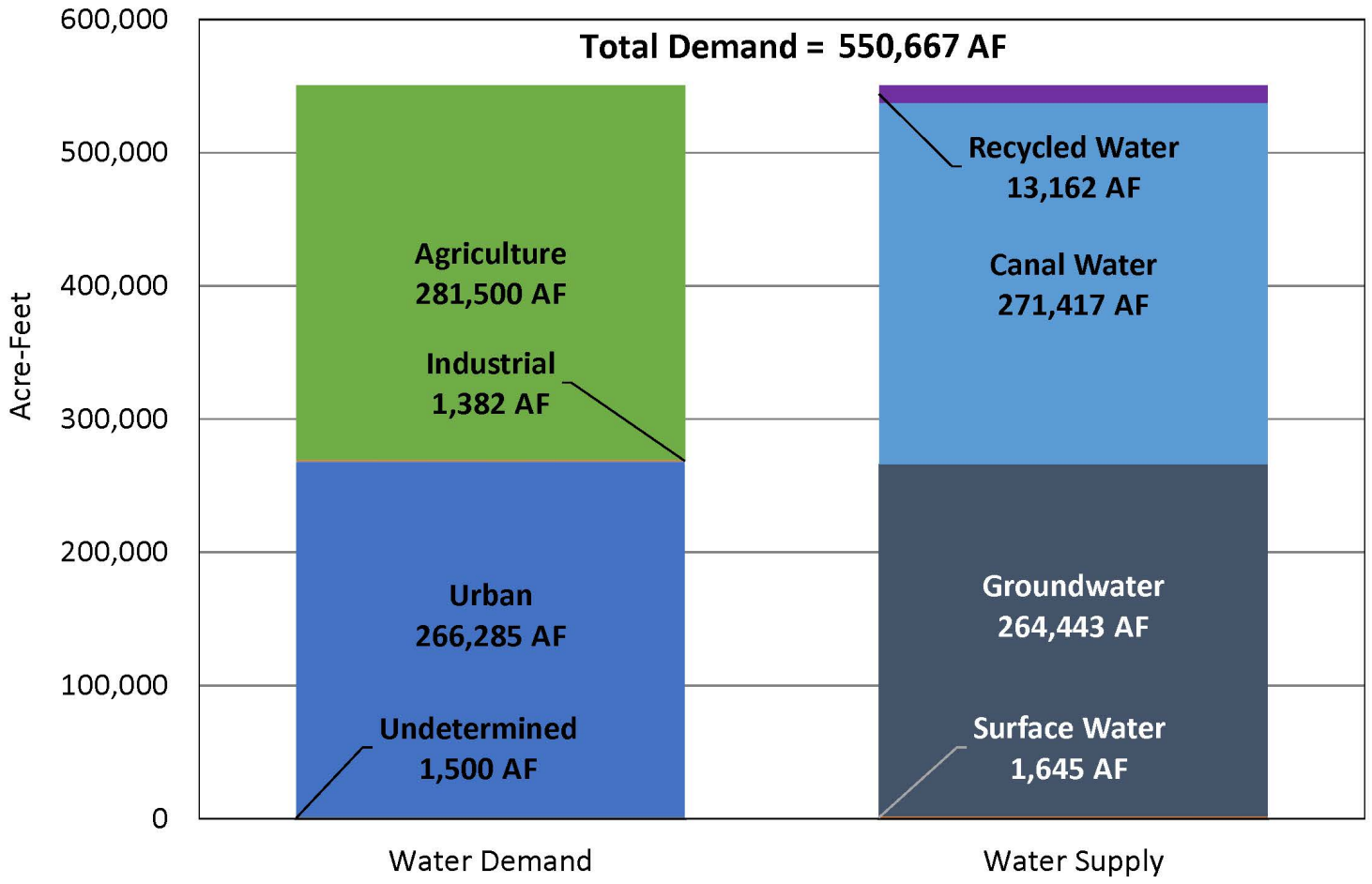

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Figure 6-1
Demand & Supply Comparison for the Indio Subbasin WY 2019-2020

7. CHANGE IN GROUNDWATER STORAGE

This section presents the groundwater balance and change in storage for the Indio Subbasin for WY 2019-2020.

7.1 GROUNDWATER BALANCE

The water budget compares the inflows to and outflows from the Indio Subbasin. The difference between inflows and outflows at a given time defines the change in storage for that time period. The annual water balance for the Indio Subbasin in WY 2019-2020 shows a small decrease in groundwater storage of 29,803 AF. A discussion of major inflows and outflows from the Indio Subbasin is presented below. A stacked bar chart of total groundwater Inflows and outflows is presented on **Figure 7-1**.

7.1.1 Groundwater Inflows

Major inflows to the Indio Subbasin include natural recharge, subsurface inflow (from adjacent subbasins and from the Salton Sea), return flows from use and wastewater percolation, and groundwater replenishment (or artificial recharge).

Natural Recharge

Precipitation that falls in the San Jacinto, Santa Rosa, and Little San Bernardino mountains is the primary source of natural recharge in the Indio Subbasin. A portion of the surface runoff produced by precipitation percolates directly into the subsurface or infiltrates through streambeds. The annual volume of natural recharge varies significantly as the annual volume of precipitation varies widely.

Natural recharge was estimated with the Indio Subbasin groundwater flow model (Fogg, et al., 2002). During the historical period (1936-2009), annual natural recharge ranged from 8,400 AF during dry years to 204,000 AF during wet years, with an annual average of 45,953 AF. This average value is used in the water budget to represent natural recharge.

Subsurface Inflow

Natural inflow to the Indio Subbasin includes subsurface inflows from the San Gorgonio Pass Subbasin, Mission Creek Subbasin, and Desert Hot Springs Subbasin (**Table 7-1**). Subsurface flow between the Indio Subbasin and adjacent basins in the southeast area of the model (Orocopia Valley, Chocolate Valley and West Salton Sea basins) is assumed to be negligible due to faulting, semi-permeable bedrock units comprising adjacent basins, short contact boundaries and relatively flat hydraulic gradients compared with other subbasin/basin contact areas. It is assumed there is no subsurface flow between the Indio Subbasin and the Orocopia and Chocolate valleys or the West Salton Sea Groundwater Basin. Inflow amounts from upstream basins will be updated in next year's Annual Report based on modeling currently being conducted for the Alternative Plan Update. Historically, these inflows were estimated to range from 7,000 AFY to 13,000 AFY. The 2010 CVWMP Model estimated these long-term average inflows to be approximately 10,996 AFY, as shown in **Table 7-1**. In addition, subsurface inflow takes place near the Salton Sea. Groundwater modeling estimates that subsurface inflow from the Salton Sea was 1,441 AF for WY 2019-2020. Collectively, long-term average natural recharge (45,953 AF) and subsurface inflows (12,437 AF) applied to WY 2019-2020 total 58,390 AF.

Infiltration of Applied Irrigation Water

Deep percolation of water applied to agricultural fields, golf courses, and urban landscapes represents a major inflow to the groundwater system and is referred to as irrigation return flow. Irrigation return flows can be calculated based on evapotranspiration (ET), leaching requirements of existing crops and landscaped areas, and assumptions on irrigation methods and their respective efficiencies.

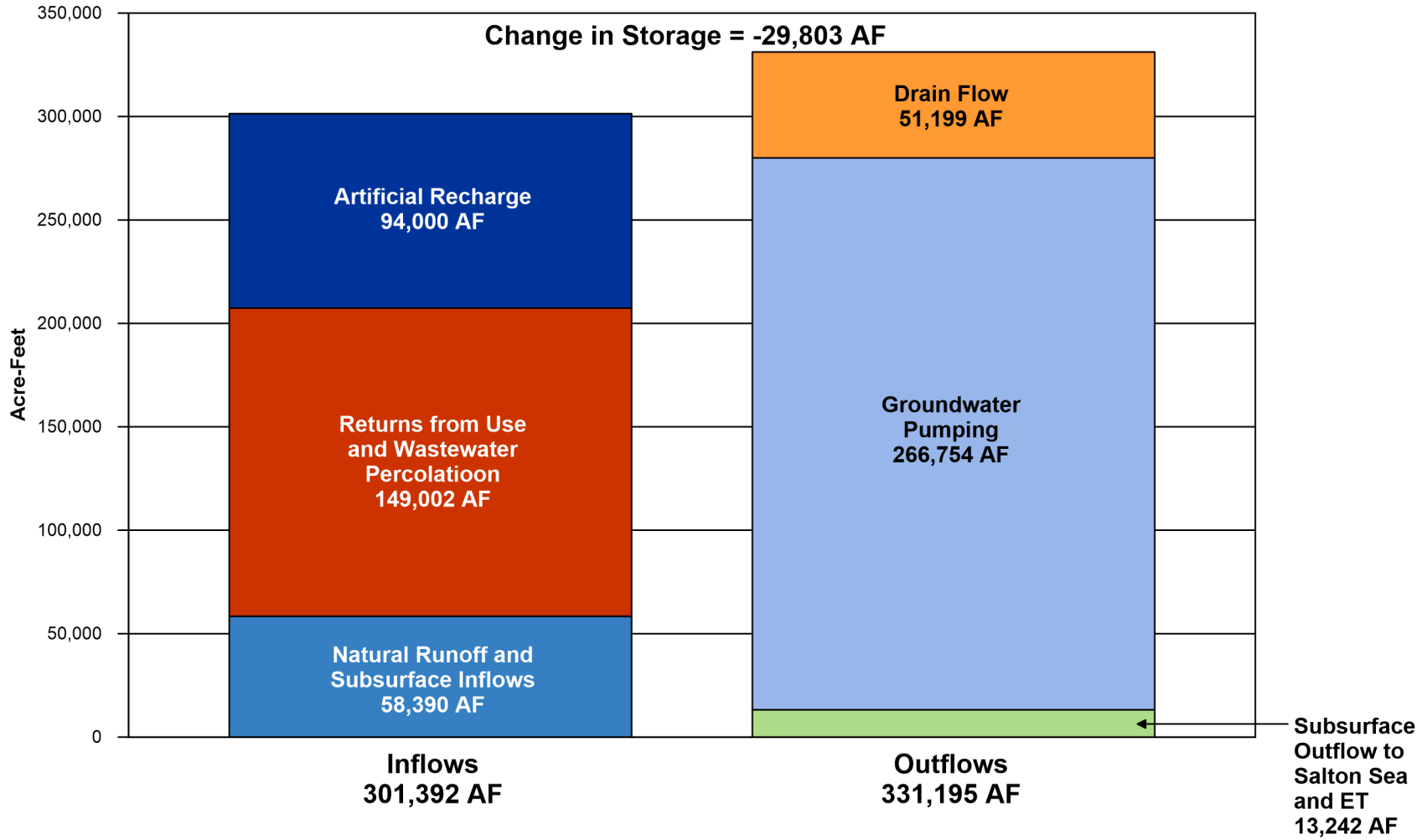

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Figure 7-1
Groundwater Balance for the Indio Subbasin WY 2019-2020

Table 7-1
WY 2019-2020 Estimated Average Subsurface Inflows into Indio Subbasin

Subbasin Boundary Transfer	Estimated Average Annual Underflow (AF)
San Gorgonio Pass Subbasin to the Indio Subbasin[1]	8,111
Mission Creek Subbasin to the Indio Subbasin[1]	2,715
Desert Hot Springs Subbasin (Fargo Canyon) to the Indio Subbasin	170
Total Subsurface Inflow from Neighboring Subbasins	**10,996**
Salton Sea to the Indio Subbasin[1]	1,441
Total Subsurface Inflow - Indio Subbasin	**12,437**

Notes:
1 - Estimated from 2010 WMP Model (assume 25 percent of calendar year 2019 and 75 percent of calendar year 2020)

The method of estimating return flows for WY 2019-2020 is described in Appendix B of CVWD's Engineer's Reports on Water Supply and Replenishment Assessments (CVWD, 2017 and 2018a). For WY 2019-2020, irrigation return flow in the Indio Subbasin was estimated to be 139,849 AF. Return flows have generally decreased over the past 20 years due to increased irrigation efficiency for both agriculture and urban landscaping.

Wastewater and Septic Tank Percolation

The urban portions of the Indio Subbasin are served primarily by municipal sewer systems that convey wastewater to municipal wastewater treatment plants. A portion of the treated wastewater that is not reused is disposed to percolation/evaporation ponds as described in Section 5. Wastewater disposal to percolation/evaporation ponds was 5,653 AF for WY 2019-2020. For groundwater balance purposes, a three percent evaporation loss is applied to wastewater evaporation as an outflow.

Septic tank/leachfield systems are used to treat and dispose of wastewater in rural portions of the Indio Subbasin and a few urban areas without access to sewer systems. It is estimated that about 3,500 AF of septic effluent recharges the Indio Subbasin. Both wastewater effluent and percolation are influenced by water use efficiency and overall demands. As conservation efforts increase, the amount of wastewater return flow decreases.

Groundwater Replenishment

Artificial recharge is accomplished in the western portion of the Indio Subbasin at the WWR-GRF, in the mid-valley at the PD-GRF, and in the eastern portion of the Indio Subbasin at the TEL-GRF (formerly the Dike 4 Recharge Facility).

The source of replenishment water for the WWR-GRF is SWP exchange water (exchanged for Colorado River water via the CRA) and QSA water, while the source of replenishment water for the PD-GRF and TEL-GRF is Colorado River water via the Coachella Canal. Canal water is delivered to the PD-GRF via the Mid-Valley Pipeline (MVP).

In WY 2019-2020, 94,000 AF of imported water was used for groundwater replenishment in the Indio Subbasin. Of this volume, 47,540 AF of SWP exchange water and QSA water was replenished at the WWR-GRF (**Table 5-7**). Of the 46,460 AF of Colorado River (Coachella Canal) water delivered for replenishment, 36,851 AF was replenished at the TEL-GRF and 9,609 AF was replenished at the PD-GRF (**Table 5-7**). For groundwater balance purposes, a two percent evaporation loss is applied to all replenishment water deliveries as an outflow.

7.1.2 Groundwater Outflows

Indio Subbasin groundwater outflows consist of:

- Groundwater pumping to meet Coachella Valley demands,
- Flow from the semi-perched aquifer through the agricultural drains into the Salton Sea,
- ET from groundwater replenishment, wastewater percolation and semi-perched aquifer, and
- Subsurface flow out of the Indio Subbasin, into the aquifers beneath the Salton Sea.

Groundwater Pumping

Groundwater pumping is the largest component of outflow from the Indio Subbasin. During WY 2019-2020, there was 266,754 AF of groundwater pumped for beneficial uses within the Indio Subbasin or exported for use in adjacent subbasins as shown in **Table 4-1**.

Flow to Drains

In the eastern portion of the Indio Subbasin, the confining unit of the Upper Aquifer impedes deep percolation of applied water at the surface, resulting in saturated soil conditions that reduces agricultural productivity. In the 1930s, a network of drains was constructed to alleviate this condition. The CVSC and 27 drains that flow to the Salton Sea receive intercepted shallow groundwater from agricultural fields. With the delivery of Coachella Canal water to the Coachella Valley in 1949, subsurface (tile) drainage systems were first installed in 1950 to control the high water table conditions and to intercept poor quality shallow groundwater. CVWD currently maintains 21 miles of open drains and 166 miles of subsurface pipe drains serving 37,425 acres of agricultural lands in the Coachella Valley (CVWD, 2018a).

Provision of shallow drainage reduces the percolation of poor-quality return flows into the deeper potable aquifers. Flow in the drains increased steadily as additional tile drains were installed, until the early 1970s. Agricultural drainage flow remained relatively stable through the 1970s and steadily declined through 2009. Drain flow (excluding wastewater discharges and fish farm effluent) has decreased steadily from a high of approximately 158,000 AF in 1976, to 58,800 AF in 1999, and about 40,000 AF in 2009. Since 2009, drain flows have increased because of higher groundwater levels in the eastern Indio Subbasin.

CVWD monitors drain flows to the Salton Sea on a monthly basis. The USGS also operates a continuous flow gauge near the terminus of the CVSC (USGS Gauge Number 10256540 on **Table 5-1**). As shown in **Table 7-2**, the total measured drain flow to the Salton Sea in WY 2019-2020 was approximately 81,504 AF.

Table 7-2
WY 2019-2020 Measured Drain Flows from the Indio Subbasin to the Salton Sea

Drain	Measured Drain Flows (AF)[1]
A Channel	1,094
Arthur 0.5	1,598
Arthur St.	1,556
Ave 74	459
Ave 76	1,842
Ave 78	510
Ave 79	1,723
Ave 83	371
C Channel	576
Caleb Channel	735
Cleveland 0.5	894
Cleveland East	355
Cleveland West	592
Coachella Valley Storm Water Channel[2]	51,545
D Channel	652
E Channel	1,511
F Channel	0
Garfield 0.5	1,782
Garfield St.	1,890
Grant 0.5	1,179
Grant St.	145
Hayes	1,002
Hayes 0.5	423
Johnson St.	3,521
Lincoln-Oasis	4,244
Mckinley	736
McKinley 0.5[3]	229
Oasis-Grant	340
Total Drain Flows	**81,504**

Notes:

1 – Drain flows are measured once per month using current meter and cross-sectional areas. If conditions are not suitable for measurements, flows are estimated based on the average for the three previous years. Total shown reflects rounding.

2 – Coachella Valley Stormwater Channel flow is measured by USGS Gauge 10259540 – Whitewater River near Mecca.

3 - McKinley 0.5 was added to the program this year.

The CVSC and drain system also receive flows of Coachella Canal water that exceed requested deliveries (regulatory water), treated wastewater, and fish farm effluent. These flows must be deducted from the total flow to calculate the amount of groundwater leaving the Indio Subbasin through the drain system. **Table 7-3** indicates that 51,199 AF of drain water flowed from the shallow groundwater system to the Salton Sea in WY 2019-2020.

Table 7-3
WY 2019-2020 Net Drain Flow from the Indio Subbasin to the Salton Sea

Component	Net Drain Flow (AF)
Total Drain Flow	81,504
Storm Flow[1]	-446
Regulatory Water[2]	-8,409
Valley Sanitary District	-6,760
Coachella Water Authority	-3,078
Water Reclamation Plant No. 4	-5,810
Kent SeaTech	-5,802
Net Drain Flow to Salton Sea	**51,199**

Notes:
1 – Storm flow is the volume of Coachella Valley Stormwater Channel flow attributed to storm events and is calculated using a base flow separation methodology.
2 – Regulatory water is Coachella Canal water discharged to the drain system from the irrigation distribution system because it cannot be delivered to users, for example due to water order changes.

Subsurface Flow to the Salton Sea

Historically, when groundwater levels were relatively high, groundwater naturally flowed toward the Salton Sea. Shallow semi-perched groundwater discharged into the Salton Sea and deeper groundwater left the Indio Subbasin as subsurface outflow. As groundwater levels in the southeastern portion of the Indio Subbasin declined, the rate of outflow to the Salton Sea decreased. Groundwater modeling studies performed for the 2010 CVWMP indicate that both inflows and outflows from under the Salton Sea have occurred in recent time. Current estimates of groundwater flow into the Salton Sea are 654 AF for WY 2019-2020. Declining Salton Sea levels in the future could increase subsurface outflow (MWH, 2011).

Evapotranspiration (ET)

Prior to agricultural development, water loss through ET was significant above the semi-perched aquifer in the southeastern portion of the Indio Subbasin. As native landscapes were converted to agriculture, groundwater loss to ET decreased. The installation of the drain system in the 1950s and 1960s lowered groundwater levels in the semi-perched aquifer, further reducing ET losses. Increased pumping in the 1980s and 1990s resulted in further declines in groundwater elevations and ET. ET from the shallow aquifer for the Indio Subbasin under current conditions is estimated to be approximately 5,110 AFY. This estimate is based on groundwater modeling conducted for the 2010 CVWMP Update (CVWD, 2012).

Additionally, a portion of the imported water used for groundwater replenishment and/or disposed as wastewater is assumed to be lost to evaporation. Assuming a factor of 2 and 3 percent of total volume for groundwater replenishment and wastewater disposal ponds, respectively, it is estimated that 7,478 AF of

water was lost to evaporation from the wastewater disposal ponds and groundwater replenishment spreading basins.

7.1.3 Annual Change in Groundwater Storage

Table 7-4 and **Figure 7-1** shows inflows and outflows from the Indio Subbasin and the calculated annual change in groundwater storage for WY 2019-2020. During periods of high artificial recharge, the change in storage tends to be positive (water in storage increases). In dry years, periods of low artificial recharge, or periods of high pumping, the change in storage is often negative (storage decreases). Because WY 2019-2020 was a relatively dry year and managed artificial recharge was relatively low, the Indio Subbasin lost 29,803 AF in storage.

Table 7-4
WY 2019-2020 Groundwater Balance in the Indio Subbasin

Groundwater Balance Component	WY 2019-2020 Flows (AF)
Inflows	
Infiltration of natural runoff[1]	45,953
Subsurface inflows from adjacent basins[2]	10,996
Infiltration of applied irrigation water[3]	139,849
Wastewater percolation	5,653
Septic tank percolation[4]	3,500
Groundwater replenishment	94,000
Salton Sea intrusion[2]	1,441
Total Inflow	**301,392**
Outflows	
Groundwater pumping	266,754
Net drain flow to Salton Sea	51,199
Evaporative losses[5]	7,478
Evapotranspiration from the shallow aquifer[2]	5,110
Subsurface outflow to adjacent basins[2]	654
Total Outflow	**331,195**
Change in Groundwater Storage[6]	**-29,803**

Notes:

1 - Represents the long-term average from watershed runoff (2010 WMP model). In 2019-2020, DWA released an additional 716 AF of surface water flow for recharge rather than diverting it for consumption.

2 - Estimated from 2010 WMP model

3 - Estimated based on percent return flow from annual water demand totals.

4 - Estimated based on actual wastewater flow and percent of areas not served by municipal wastewater.

5 – It is estimated that two percent of groundwater replenishment and three percent of wastewater percolation is lost to evaporation.

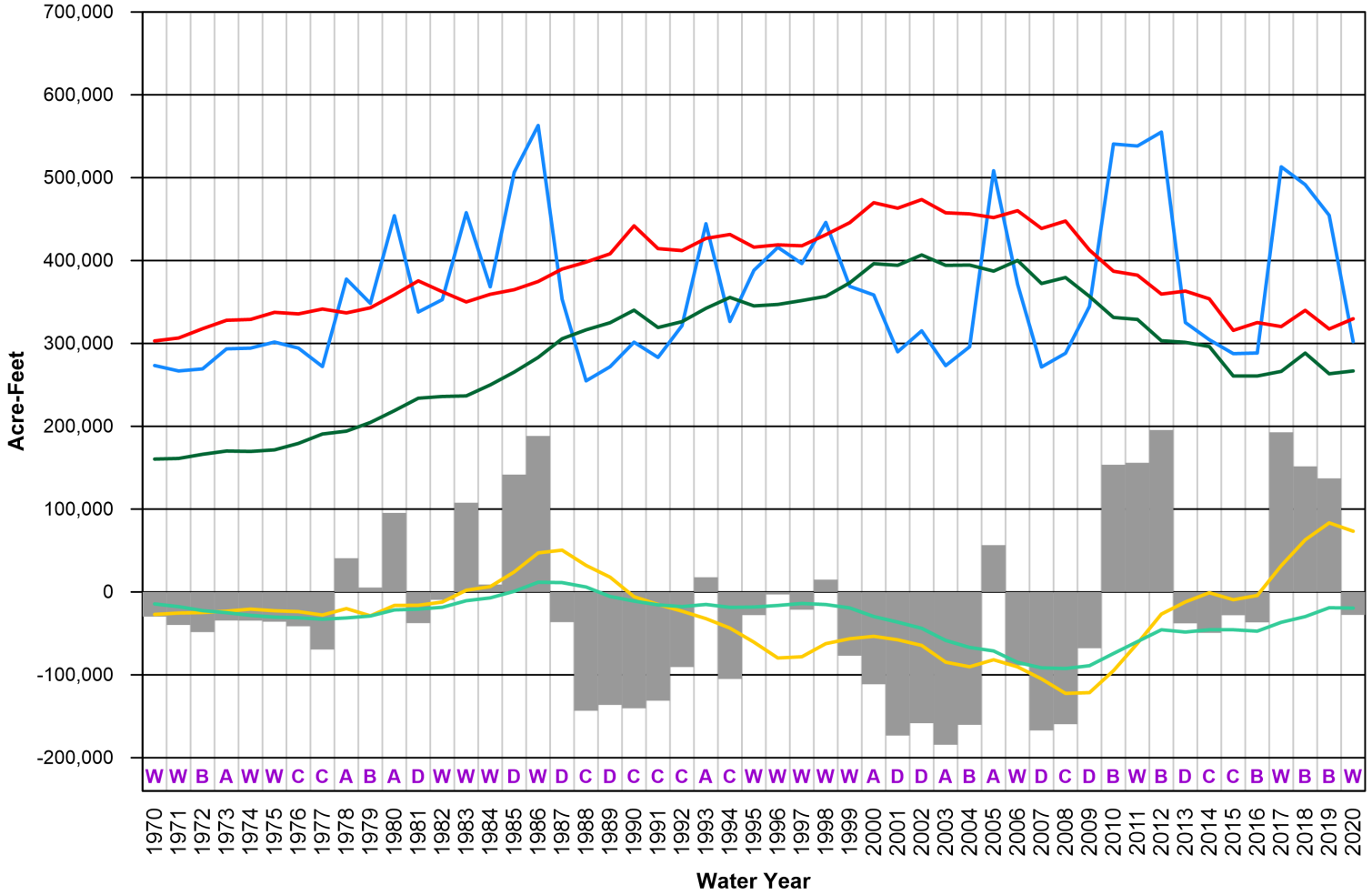
6 - This annual decrease in groundwater storage equals about 0.05 percent of the subbasin's estimated storage capacity of 29,800,000 AF.

Long-term sustainability is typically assessed based on changes in groundwater storage over a historical period on the order of 10 to 20 years that includes wet and dry periods. **Figure 7-2** shows the annual change in groundwater storage from 1970 through WY 2019-2020 (gray columns). The starting year of 1970 was selected as it is three years before imported water replenishment commenced in the Indio Subbasin. The data used to prepare this figure are based on calendar year until WY 2016-2017, when data sources were compiled for the water year for the first Annual Report.

Figure 7-2 also shows the annual inflows, outflows, groundwater production, and ten-year and twenty-year running-average change in groundwater storage. As shown on the chart, annual inflows to the Indio Subbasin (blue line) are highly variable with years of high inflows corresponding to wet years when SWP delivery volumes were greater. Higher inflows in the mid-1980s occurred when MWD commenced large-scale advanced water deliveries to the Indio Subbasin. The chart shows that after an extended period of decline, both the ten-year and twenty-year running average change in storage have shown upward trends since 2009, and the ten-year running average has been positive since 2017.

While the goal of the CVWMP was to eliminate groundwater overdraft, not to restore the subbasin to historical conditions, it is worth noting that since 2009 the Indio Subbasin has recovered approximately 840,000 AF of groundwater in storage, or about 45 percent of the cumulative depletion observed from 1970 to 2009. **Figure 7-3** shows the cumulative change in storage since 1970. The subbasin was at its minimum storage in 2009 (with a calculated storage loss of 1,890,000 AF from 1970 to 2009, which represents 6 percent of the estimated storage capacity of the Indio Subbasin). Since 2009, groundwater pumping has decreased by about 25 percent and replenishment activities have increased leading to the observed recovery of groundwater in storage.

The recovery of groundwater storage and the positive trends in the water balance demonstrate the progress being made through implementation of the CVWMP.



Note:
Values shown prior to 2017 are on a calendar year basis.
Letters below the years indicate Sacramento Valley Water Year Type:
W = Wet
A = Above Normal
B = Below Normal
D = Dry
C = Critically Dry

Annual Inflows
Annual Ouflows
Groundwater Production
10-year Average Change in Storage
20-year Average Change in Storage
Annual Change in Storage

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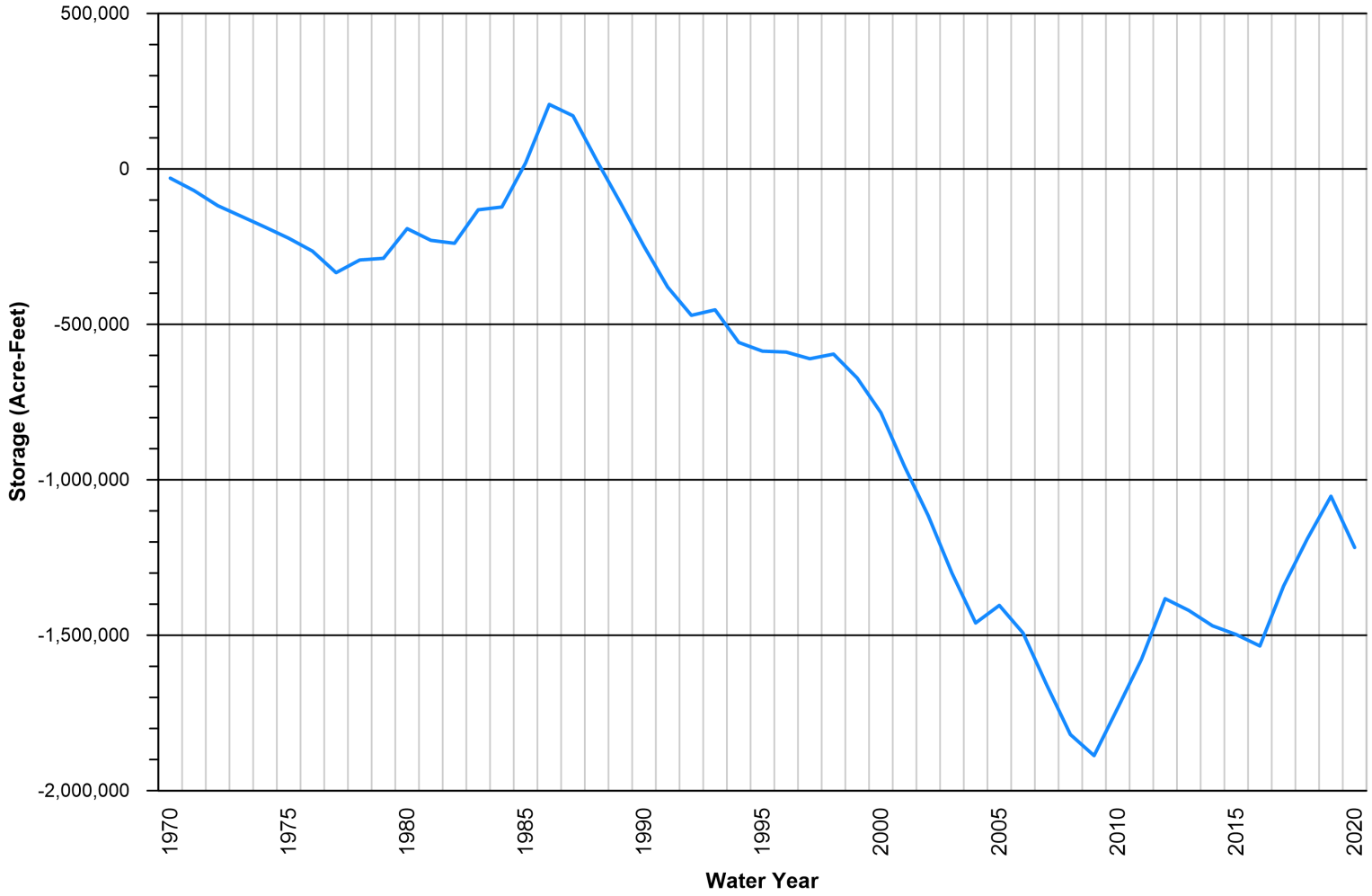
February 2021

TODD GROUNDWATER

Figure 7-2
Historical Annual Change in Groundwater Storage in the Indio Subbasin



Note:
Values shown prior to 2017 are on a calendar year basis.

Cumulative Change in Storage since 1970

February 2021

Figure 7-3
Cumulative Change in Groundwater Storage Since 1970

7.2 CHANGE IN GROUNDWATER ELEVATION MAPS

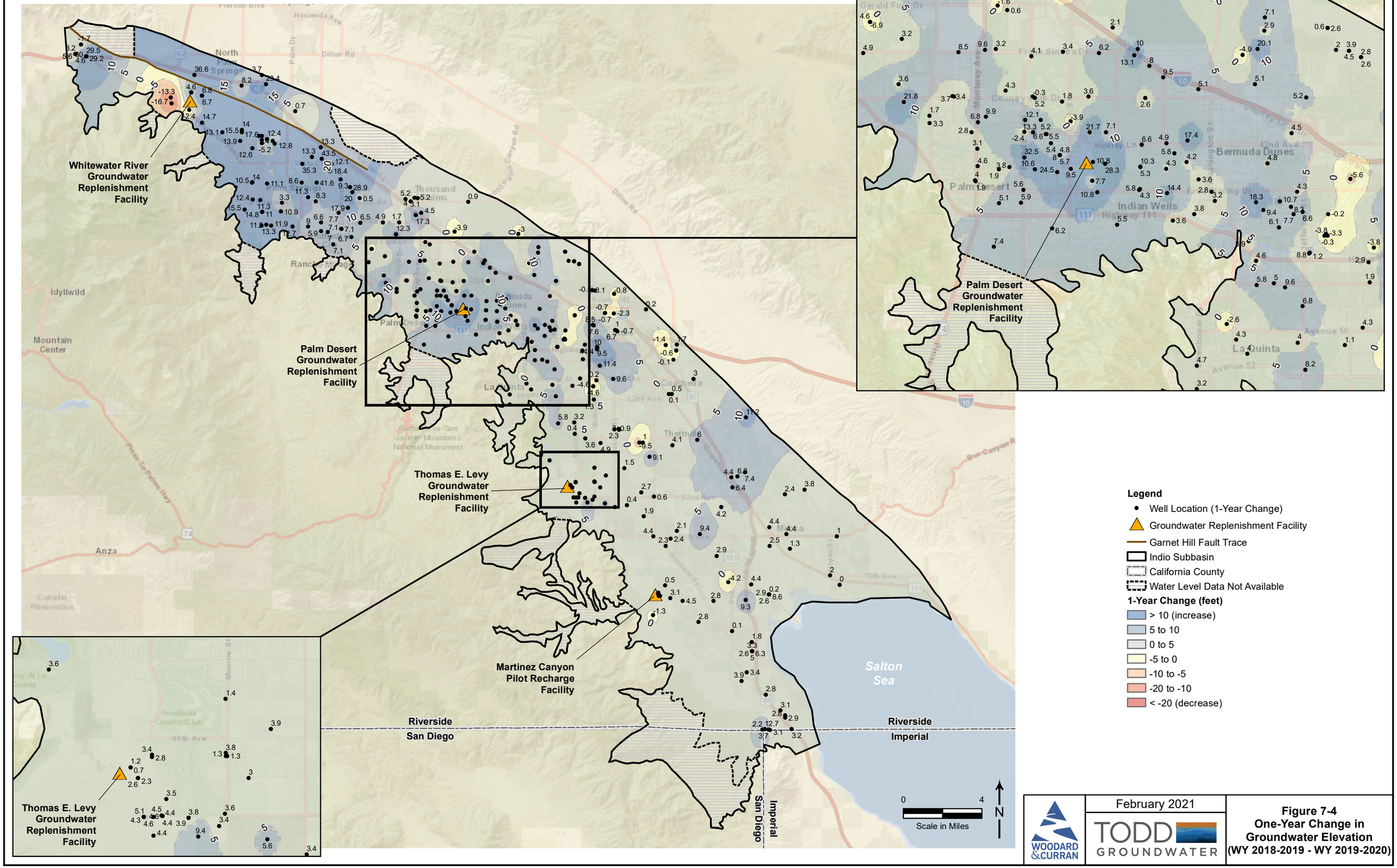
Figure 7-4 and **Figure 7-5** show one-year and ten-year groundwater elevation change maps, respectively. In addition to the main map frame, two separate zoomed-in frames are included on each figure to show calculated water level changes for the numerous wells in the mid-valley area and TEL-GRF vicinity. The change in groundwater elevation is based on the difference between the average groundwater elevations for wells monitored by CVWD, CWA, DWA, and IWA during WY 2018-2019 and WY 2019-2020 (one-year) and WY 2009-2010 and WY 2019-2020 (ten-year). Careful consideration was taken to ensure that average water level measurements for each well for the respective water years were comparable, given modification by CVWD starting in WY 2018-2019 of its trimester reporting period by one month to align with the water year reporting requirements of SGMA.

7.2.1 One-Year Change (WY 2018-2019 to WY 2019-2020)

Figure 7-4 shows the one-year change in average groundwater elevations from WY 2018-2019 to WY 2019-2020 for the Indio Subbasin. Groundwater levels in the Indio Subbasin generally increased from WY 2018-2019 to WY 2019-2020. In the immediate vicinity of the WWR-GRF, groundwater levels were relatively unchanged compared with WY 2018-2019 and increased to the north and southeast. The increasing water level conditions down-gradient of the WWR-GRF are similar to what has previously been observed following several consecutive years of high recharge. In the vicinity of Palm Springs, water levels were generally stable to increasing (up to approximately 15 feet in some wells). In the central portion of the subbasin from Palm Desert to La Quinta, groundwater levels generally rose, with water level changes ranging from about -4 to 32 feet. Some of the increase in groundwater levels is likely associated with the initiation of replenishment at the PD-GRF beginning in February 2019. In the eastern portion of the subbasin in the vicinity of TEL-GRF, groundwater levels increased by up to 9 feet, with storage benefits observed as far as the Thermal and Mecca areas and adjacent to the Salton Sea. Groundwater level increases reflect the continued benefits of recharge operations at the TEL-GRF.

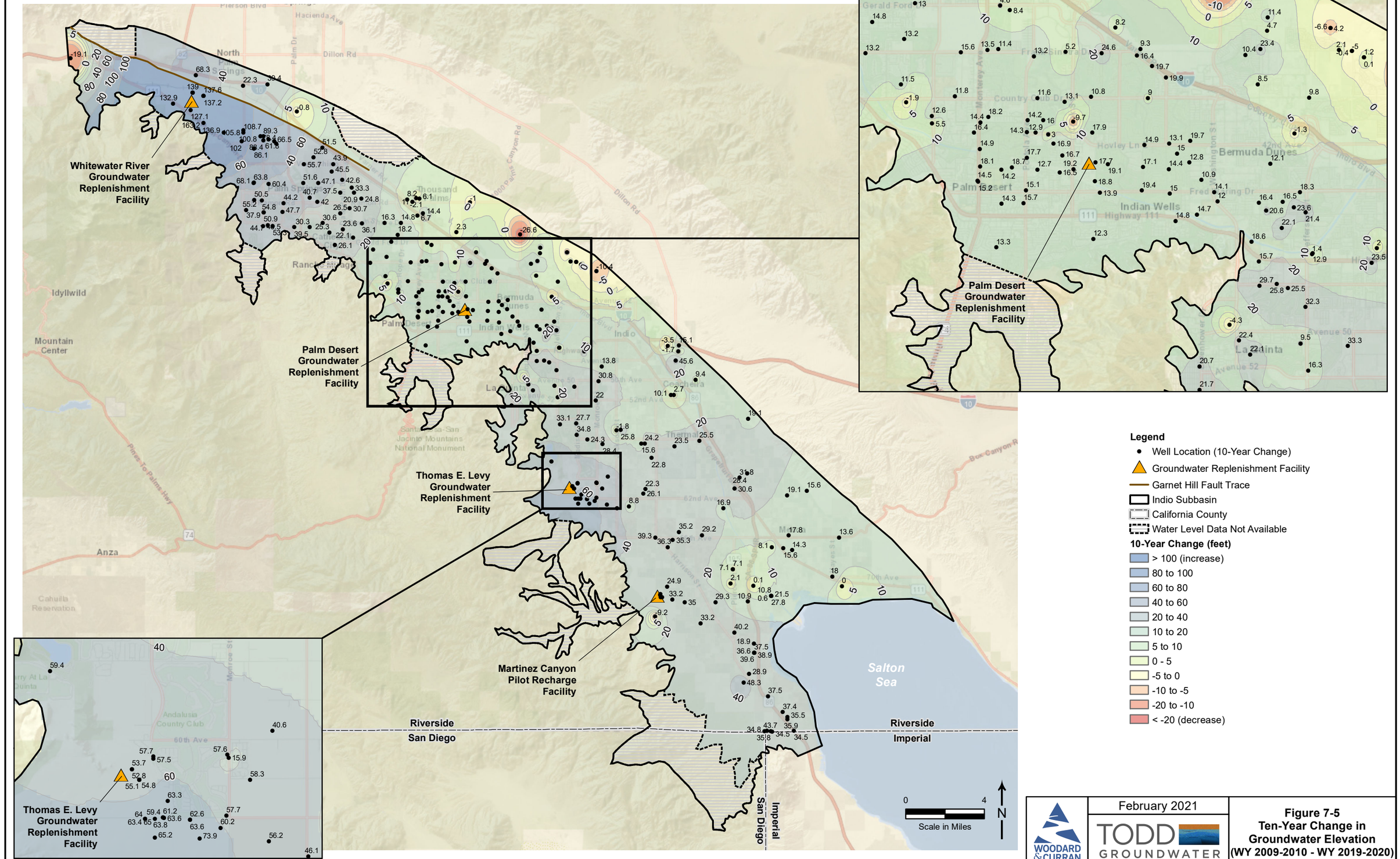
7.2.2 Ten-Year Change (WY 2009-2010 to WY 2019-2020)

Figure 7-5 shows the ten-year change in average groundwater elevations from WY 2009-2010 to WY 2019-2020 for the Indio Subbasin. Groundwater levels in the Indio Subbasin have increased significantly over the past 10 years. The largest groundwater increases are observed in the vicinity of the WWR-GRF, TEL-GRF and PD-GRF, with water level increases of up to about 140 feet near the WWR-GRF, 65 feet near the TEL-GRF, and 19 feet near the PD-GRF. In the greater mid-valley area near Palm Desert, Indian Wells, and La Quinta, groundwater level increases have ranged from about 12 to 33 feet, reflecting the benefits of source substitution, conservation programs and recharge operations. Some localized declines have occurred northeast of Bermuda Dunes. Groundwater levels in the southeastern portion of the Indio Subbasin have generally increased, typically between 10 and 40 feet, reflecting storage benefits from replenishment operations at the TEL-GRF and decreased pumping.



February 2021

Figure 7-4
One-Year Change in Groundwater Elevation
(WY 2018-2019 - WY 2019-2020)



February 2021

Figure 7-5
Ten-Year Change in Groundwater Elevation
(WY 2009-2010 - WY 2019-2020)

8. DESCRIPTION OF PROGRESS

Building on the original 2002 CVWMP, the 2010 CVWMP Update was adopted in January 2012 with the goal "to reliably meet current and future water demands in a cost-effective and sustainable manner" and meet the following objectives:

1. Meet current and future water demands with a 10 percent supply buffer.
2. Eliminate long-term groundwater overdraft.
3. Manage and protect water quality.
4. Comply with state and federal laws and regulations.
5. Manage future costs.
6. Minimize adverse environmental impacts.

In response to adoption of the SGMA in 2014, the Indio Subbasin GSAs collaboratively submitted the 2010 CVWMP with an associated Bridge Document as an Alternative to a Groundwater Sustainability Plan (Alternative Plan) that describes how the existing 2010 CVWMP met the requirements of the SGMA. DWR approved the Alternative Plan in July 2019.

This section provides an update of the status of CVWMP implementation activities during WY2019-2020.

8.1 IMPLEMENTATION OF PROJECTS AND MANAGEMENT ACTIONS

The sustainability goals described in the Alternative Plan for the Indio Subbasin identified the following water management elements for implementation:

- Water conservation measures
- Acquisition of additional water supplies
- Conjunctive use programs to maximize supply reliability
- Source substitution programs
- Groundwater recharge programs
- Water quality protection measures
- Other management activities

8.1.1 Water Conservation Measures

The primary focus of water conservation is on urban/residential use, agricultural irrigation, and golf course irrigation, as these are the principal water uses in the Indio Subbasin. Other water use groups represent a relatively small portion of the total demand and are handled on a case-by-case basis.

This WY 2019-2020 Annual Report provides a status update of water conservation efforts, which have been consistent with applicable State law without causing dramatic lifestyle changes on the part of those conserving. It is expected that as total demand increases and the landscape ordinance (described below) is applied to new growth, the volume of water conserved will increase, representing the equivalent of a substantial source of supply. The Indio Subbasin GSAs manage a suite of conservation programs and activities designed to increase efficiency, reduce future water demand, and support fulfillment of the requirements of the Statewide Water Conservation Act, that mandate that urban suppliers achieve a 20 percent reduction in per capita use by 2020 (20x2020). CVWD, Coachella CWA, DWA, and IWA have initiated and continue to implement the following on-going water conservation programs, as listed below.

Urban Conservation

Urban water use is expected to grow significantly in the future as development occurs. The Indio Subbasin GSAs have implemented water conservation programs for both large irrigation customers and residential customers. Most water purveyors and several cities have implemented landscape audit programs and rebates for replacements lawn conversion and high-efficiency water devices.

- **Outdoor Retrofit Rebate Programs:** The four Indio Subbasin GSAs offer rebates for replacement of inefficient irrigation fixtures with high-efficiency devices such as weather-based irrigation controllers (WBICs), subsurface/in-line drip tubing, non-adjustable pressure compensating bubblers, pressure compensating emitters, and new generation rotary nozzles for commercial and residential users. Between 2015 and 2020, CVWD, CWA, and DWA have installed 4,029, 3,149, and 12 WBICs, respectively. In this same timeframe, CVWD also installed a total of 8,765 residential and commercial rotary nozzles, and 757,431 square feet of irrigation system upgrades for HOA and commercial customers. DWA has installed a total of 8,235 efficient sprinkler nozzles and pressure compensating bubblers. Since 2015, IWA has provided a total of 601 irrigation rebates and audits.

- **Indoor Retrofit Rebate and Giveaway Programs:** The four agencies have also participated in indoor water-efficiency retrofit rebate programs. Programs include rebates for residential and commercial high-efficiency toilets, water brooms, pre-rinse nozzles, showerheads, and washing machines. To date, CVWD has rebated 6,272 toilets for residential and commercial customers, 57 high-efficiency washing machines, and 47 hot water recirculation pumps. CVWD also maintains a giveaway program for commercial customers. Since 2015, CVWD has distributed a total of 61 water brooms and 842 conservation kits. CWA and DWA have installed a combined total of 2,031 WaterSense toilets. CWA has also distributed more than 493 efficient showerheads, aerators, and hose nozzles. DWA's EnergyStar Washing Machines Program has rebated 177 washing machines since September 2019. IWA has installed 4,603 high-efficiency toilets, replaced 335 washing machines, and distributed thousands of water conservation kits, shower timers, efficient nozzles, and showerheads. As part of their Fiscal Year 2020/2021 budget, IWA will introduce a pilot incentives program to further expand conservation efforts.

- **Water Audit Programs:** CVWD, DWA, and IWA manage water audit programs for residential and/or commercial customers. The CVWD Water Audit Program consists of three components: residential Conservation Reviews, Simplified Audits, and Proteus Consulting–Comprehensive Water Audits. Since 2015, CVWD has completed 14,445 Conservation Reviews, 55 Simplified Audits, and 7 Comprehensive Water Audits. DWA has completed a total of 15 audits under its program.

- **Turf Conversion Rebate Programs:** The Indio Subbasin GSAs manage turf conversion programs for residential and commercial users. Customers in the CVWD service area can receive $2 per square foot, up to $10,000 per residential project, and $25,000 per commercial project for converting grass lawns to desert-friendly landscaping. Since 2008, approximately 18.4 million square feet of turf has been converted, saving approximately 3,159 AFY of water. Since 2014, DWA has facilitated the conversion of 2.6 million square feet of turf, equating to an annual water savings of 400 AFY. CWA has converted approximately 486,936 square feet of turf, equating to an annual water savings of 84 AFY. IWA offers $2 per square foot, up to $20,000 (residential) and

$60,000 (commercial), for residential and commercial customers. To expand participation, IWA created a new incentive category "City/Schools/Government" with a $3 per square foot, up to $150,000 per account, incentive. Since 2010, IWA has facilitated the conversion of 1.9 million square feet of turf, saving 326 AFY of water.

- **Water Conservation Outreach:** The Indio Subbasin GSAs conduct conservation outreach through a variety of methods both regionally and within their own service areas. The GSAs have attended public events such as the Desert Horticultural Society's Desert Garden Community Day and a Water Counts Symposium. The regional Water Counts Academy, launched in 2017, provides free programming geared towards educating local community members on the history, use, and management of water in the Coachella Valley. CVWD holds several water-efficiency and conservation workshops throughout the year on topics such as composting, soil types, drip irrigation, and turf conversion. CVWD also provides an online Professional Landscaper Certification Course. City Ordinance requires this course to apply or renew a business license. A free online course is offered by College of the Desert. DWA maintains a water-efficient demonstration garden and conservation coupon program designed to incentivize water conservation practices such as leak inspections. The conservation coupon program now also includes two new artificial turf discounts. In 2016, DWA also conducted a smart meter pilot test to assess the effectiveness of additional information on customer conservation habits. IWA continues to provide speaking engagements, classroom demonstrations and school outreaches, and workshops. Since 2014, IWA has spent over $300,000 on its conservation outreach efforts. CWA continues its conservation efforts via the development of a website dedicated to water conservation. The website includes information that helps create water savings habits. These efforts, in addition to the many outreach events throughout the years, have helped to create a community that understands that conservation is a way of life.

- **Advanced Metering Infrastructure:** In 2016, IWA implemented the advanced metering infrastructure (AMI) and customer web portal to provide customers with interactive consumption data. The web portal empowers customers to set triggers and alerts to monitor consumption and leaks, while allowing IWA staff to review water consumption data in a timely fashion and contact customers for consumption abnormalities. Currently, 90 percent of IWA customer accounts are covered by AMI. Staff continues to promote the web portal as a tool for customers to actively manage their water use and save money.

Agricultural Conservation

Agriculture is an essential part of the Coachella Valley economy generating an average of $625 million per year from 2014 to 2018 (County of Riverside, 2018). According to the 2019 Crop Census, the average agricultural water demand was 5.2 AFY per cropped acre. Average agricultural demand for the 2015-2019 timeframe was 292,100 AFY, which was approximately 51 percent of total demand during that period.

Since preparation of the 2002 CVWMP, CVWD has implemented agricultural water conservation efforts. CVWD offered a rebate to farming customers within the CVWD service area through the USBR Pilot System Conservation Program. From 2015-2018, farms converted 71 acres of land from flood/furrow to drip irrigation, resulting in an estimated 252 AFY water savings.

In order to collaborate with the agricultural industry and other related organizations in the Coachella Valley, CVWD formed the Agricultural Water Advisory Group (AWAG) in December 2015. The AWAG meets twice annually in April and October to discuss topics such as water, State and Federal legislative updates, available grants, farming best management practices, and information to assist farmers. This ensures collaboration with entities such as the Natural Resources Conservation Service, United States Department of Agriculture, and Riverside County's Agricultural Commissioner's office who provide important updates and educational presentations.

An Agriculture resource page is available on CVWD's website with links to various organizations, articles, meeting and training dates, and any available grant information.

Golf Course Conservation

The CVWD Landscape Ordinance (Ordinance No. 1302.5), effective July 2020, supersedes previous landscape ordinances. Uniform landscaping standards throughout the Coachella Valley are regulated through Ordinance 1302.5 or a similar ordinance. The ordinance, developed in conjunction with Coachella Valley Association of Governments (CVAG), Riverside County, the Coachella Valley cities and major water purveyors, establishes maximum allowable turf area and associated water demands for new golf courses by limiting turf to four acres per hole plus 10 acres for associated practice areas (driving ranges and putting greens). Other landscaping must use low water-using plant materials (CVWD, 2019b). Based on a typical 18-hole course encompassing about 150 acres of landscaped area, the maximum applied water allowance (water use) would be about 775 AFY, which is an additional 14 percent reduction compared with the 2002 CVWMP goal for new courses. It is one of the most stringent ordinances in the State and is one of the few to establish turf limitations for new golf courses.

In December 2013, CVWD collaborated with the local chapter of the Golf Course Superintendents Association to create a Golf and Water Task Force. The initial objective of the Task Force was to discuss water supply issues and explore ways in which CVWD could help the 106 golf courses in its service area reduce water use. The benefit of the collaboration has exceeded the initial goal. In 2014, the golf course representatives on the Task Force were integral in helping develop a turf rebate program that would meet the unique needs of the region's golf courses. They also identified other rebate and incentive opportunities that staff might not have considered without the valuable feedback. CVWD launched the golf course rebate program in 2015, after securing a State grant. The golf course representatives helped promote the program and in three years from 2015 to 2018, 31 courses participated in the program with 8 courses participating twice. The conversions equate to 161 acres of turf removed with an estimated water savings of 956.46 acre-feet annually. The Task Force also adopted individual water budgets for each golf course in the service area as a tool for understanding the correct amount of water needed. The golf course representatives have been key liaisons for educating all courses about using the budgets and encouraging water conservation. Most recently, the Task Force has participated in long-term water management planning efforts related to the Sustainable Groundwater Management Act. Perhaps the most beneficial product of the Task Force is the open line of communication that has been established, including invitations to speak about drought and other water issues at regional golf industry events.

8.2 ACQUISITION OF ADDITIONAL WATER SUPPLIES

The following describes the management strategies and their status associated with securing additional sources of water.

8.2.1 Colorado River Supplies

Demands on the Colorado River supplies have been reduced by voluntary agreement among the United States Bureau of Reclamation (USBR), Central Arizona Project, Metropolitan Water District of Southern California (MWD), Denver Water, and Southern Nevada Water Authority under the USBR 2014 Pilot System Conservation Program (USBR, 2014). Under this program, CVWD offered a rebate to farming customers within the CVWD service area through the USBR Pilot System Conservation Program. From 2015-2018, farms converted 71 acres of land from flood/furrow to drip irrigation, resulting in an estimated 252 AFY water savings.

As part of the QSA, CVWD's Colorado River allocation through the Coachella Canal increased by 5,000 AF in 2020 to 394,000 AF. CVWD's Colorado River water supply will increase annually in 5,000 AF increments through 2026, when the amount under the QSA will be 424,000 AF. The QSA also provided CVWD a transfer of SWP water from MWD in the amount of 35,000 AFY that may be delivered at either Imperial Dam or Whitewater River and is not subject to SWP or Colorado River reliability.

8.2.2 State Water Project

Final SWP calendar year allocations were set to 20 percent of Table A Amounts as a result of a below-average precipitation winter in WY 2019-2020. SWP water allocations for CY 2019 were set at 75 percent of the Table A Amounts. The SWP faces many challenges including the on-going drought, risk of Delta levee failure, legal and regulatory restrictions on exports due to environmental degradation, water quality degradation, and climate change.

The shift by the State of California from the twin-tunnels project (California WaterFix) to the single tunnel alternative (Delta Conveyance Facility [DCF]) in early 2020 marks a compromise between environmental and water supply interests. Implementation of the DCF is intended to increase SWP supply reliability by addressing climate resiliency, environmental and habitat protection, and seismic risk. DWR filed a Notice to Proceed for the DCF project in January 2020, is currently in the environmental review process, and expects a Final Environmental Impact Report (FEIR) in 2023. CVWD and DWA approved advancing their share of funding for the planning phase (2021 – 2024) of the project. At this time, CVWD and DWA will continue participating in the DCF, and plan to approve an *Agreement in Principle for the Delta Conveyance Facility* (unpublished) in 2021, which will be used to create a Delta Conveyance Contract Amendment. This approach to SWP delivery supports the goals of Delta health and water supply reliability.

CVWD and DWA are actively participating in additional statewide programs to improve the long-term reliability of the SWP supply. In 2019, CVWD and DWA both entered into an agreement with the Sites Project Authority for the next phase of planning for the Sites Reservoir (Sites Project Authority, 2019; 2020). The Sites Reservoir Project would capture and store stormwater flows from the Sacramento River for release in dry years. When operated in coordination with other Northern California reservoirs such as Shasta, Oroville, and Folsom, which function as the backbone to both the SWP and the Central Valley Project, Sites Reservoir would increase flexibility and reliability of statewide water supplies in drier periods. The Sites Project Authority's goals are to make water supply and storage capacity available to

water purveyors within the Sacramento River watershed, and in other areas of California, who are willing to purchase water supply from the Sites Reservoir Project. CVWD and DWA are participating members at 10,000 AFY (i.e., 5.2 percent) and 6,500 AFY (i.e., 3.4 percent) levels, respectively.

CVWD and DWA were also invited to partner in the Lake Perris Dam Seepage Recovery Project with MWD. The project is composed of installing a series of five pumps placed down-gradient from the face of the Lake Perris Dam that will pump water that has seeped from the lake into the groundwater. The recovered water will be pumped into a collection pipeline that discharges directly into MWD's CRA south of Lake Perris. The parties are currently working on an agreement with DWR for funding of environmental analysis, planning, and preliminary design. An additional agreement (or amendment to the existing SWP Exchange Agreement) will be needed to exchange a proportional share of the recovered seepage water for Colorado River water delivered by MWD to WWR-GRF and MC-GRF through the CRA (MWD, 2020). The project is estimated to recover approximately 7,500 AFY and is anticipated to begin delivery in 2023.

8.2.3 Other Water Transfers

As opportunities arise, CVWD and DWA make water purchases from programs such as SWP Article 21 (interruptible water) and Turnback Pool water, Governor's Drought Water Bank, the Yuba Accord, and the Rosedale-Rio Bravo transfer. During WY 2019-2020, CVWD and DWA acquired 109,465 AF of supplemental water through these programs, as shown in **Table 5-6**.

8.2.4 Recycled Water

The principal non-potable uses for recycled water in the Indio Subbasin are:

- Golf course irrigation
- Urban landscape irrigation

During WY 2019-2020 CVWD and DWA delivered 13,162 AF of recycled water: 12,427 AF of recycled water in the western portion of the Indio Subbasin for golf course and other large irrigation and an additional 735 AF used onsite at the WRPs. Treated wastewater generated in the western Indio Subbasin that is not recycled is disposed in percolation/evaporation ponds.

CVWD and DWA are continuing efforts to expand recycled water production and delivery to additional customers. Both agencies have plans to connect and deliver recycled water to additional customers from WRP-10 and the DWA WRP, respectively, based on existing flows and current treatment capacity. CVWD plans to also expand WRP-7 recycled water production and delivery consistent with existing and projected additional wastewater flows through 2045.

Pursuant to a NPDES permit, treated wastewater effluent from WRP-4 is currently discharged to the CVSC. CVWD has submitted a Change Petition (WW0093) and plans to construct tertiary treatment and begin delivery of recycled water. Growth projected by 2045 is expected to provide a total of 8,900 AFY of wastewater flow that could be tertiary treated and reused within the Planning Area pending SWRCB approval of the Change Petition.

8.2.5 Desalinated Semi-Perched Brackish Groundwater

The 2002 CVWMP recommended that a desalination facility commence operation between 2010 and 2015 to treat semi-perched brackish groundwater for irrigation purposes. The facility would be initially constructed to treat 4,000 AFY and expanded to 11,000 AFY by 2025. A brackish groundwater treatment

study and feasibility study was completed in 2008. Source water supply options for producing desalinated water include installation of a well field to extract semi-perched brackish groundwater in the upper part of the aquifer (2010 CVWMP). CVWD's 2010 CVWMP Update anticipated the need for desalinated semi-perched brackish groundwater starting in 2025. No activities were conducted during WY 2019-2020 with regard to desalination, as projected demands have been lower than estimated in the 2010 CVWMP Update. Additional development of this potential supply is currently being re-evaluated as part of the Alternative Plan Update.

8.3 GROUNDWATER SUPPLY SUBSTITUTION

Groundwater supply substitution represents an effective strategy to mitigate the lowering of groundwater levels, reduction of groundwater in storage, and subsidence. Management strategies currently include the substitution of groundwater supply with recycled water and Coachella Canal water for golf and agricultural use and future treatment of Coachella Canal water for urban use. Groundwater substitution projects identified in the Alternative Plan include the following:

- Conversion of golf courses in the western Indio Subbasin from groundwater to recycled water from local WRPs or Colorado River water delivered directly via the Mid-Valley Pipeline
- Conversion of golf courses in the eastern Indio Subbasin from groundwater to Colorado River water
- Conversion of agricultural irrigation from groundwater to Colorado River water, primarily in the Oasis area
- Conversion of urban use from groundwater to treated Colorado River water in the eastern Indio Subbasin
- Conversion of outdoor urban use to non-potable water including Colorado River water or recycled water in the eastern Indio Subbasin

Table 8-1 shows the current status of golf course conversions in the Indio Subbasin. There are 121.5 golf courses in the Indio Subbasin, of which 58 currently receive non-potable water from the Coachella Canal, recycled water, or a combination of the two sources.

Table 8-1
Golf Course Conversion Status - Indio Subbasin (Golf Course Count)

Water Source	Existing	Planned Future	Not Planned	Total
Non-potable Water via CVWD WRP-7[1]	2.5	1.5	0	4
Non-potable Water via CVWD WRP-10[2]	15	21	0	36
Coachella Canal Water via CVWD Mid-Valley Pipeline	6	17	0	23
Coachella Canal Water via CVWD Canal Distribution System[1]	30.5	3	0	33.5
Non-potable Water via DWA WRP[3]	4	2	0	6
Groundwater Only[3]	0	0	19	19
Total Golf Courses	**58**	**44.5**	**19**	**121.5**

Notes:
1 – Courses indicated as Planned Future will be served with a blend of recycled and canal water and are currently served by canal water.
2 – In addition to golf courses, non-potable water is served to five existing landscape irrigation customers and three future landscape irrigation customers are planned.
3 – In mid-2020, two golf courses previously served by Non-Potable Water from DWA were shifted to private groundwater wells (Groundwater Only).

8.3.1 Golf Courses Served with Coachella Canal Water

CVWD has worked closely with golf courses in the eastern portion of the Indio Subbasin to encourage the use of Coachella Canal water instead of pumping groundwater. Currently, 30.5 golf courses are connected to the Coachella Canal distribution system. CVWD plans to connect three additional courses after 2025.

CVWD staff continues to work closely with the connected golf courses with a goal that they meet at least 80 percent of their demand with Coachella Canal water. In WY 2019-2020, golf courses connected to the Coachella Canal distribution system met 65 percent of their total water use with Coachella Canal water. When incorporating HOA demand, this total increases to 73 percent.

8.3.2 Mid-Valley Pipeline

The MVP is a key element of "in-lieu" replenishment designed to help eliminate overdraft in the Indio Subbasin. This source substitution project allows reduction of groundwater pumping by supplying CVWD recycled water and Colorado River water. Colorado River water from the Coachella Canal is supplied through the MVP to CVWD WRP-10, where it supplements the supply of recycled water and both are delivered to non-potable water customers for golf course and landscape irrigation. In WY 2019-2020, WRP-10 produced 6,833 AF of recycled water. The remaining secondary effluent was disposed in onsite percolation ponds. Disposal occurs primarily in winter months, when non-potable demand is less than the available supply. During the irrigation season, when irrigation demand exceeds available recycled water supply, the recycled water is blended with Coachella Canal water.

Construction of the first phase of the MVP from the Coachella Canal in Indio to WRP-10 (6.6 miles in length) was completed in 2009. Since that time, CVWD staff have worked with local golf courses to connect them to the non-potable water system. Currently, there are 26 golf course irrigation customers

connected either directly to the MVP or the non-potable water system supplied by the MVP and WRP-10 recycled water. An additional 36 golf courses are planned for future connection either directly to the MVP or the non-potable water supply system.

CVWD is currently preparing the non-potable water Master Plan. The Master Plan has identified approximately 38 additional customers to connect to the MVP non-potable water system between 2022 and 2031. When these connections are completed, the MVP non-potable water system will deliver an additional approximately 37,500 AFY of blended recycled water and Coachella Canal water for irrigation.

In December 2018, CVWD submitted a Clean Water State Revolving Fund (CWSRF) loan application for design and construction of a new non-potable service for six golf course customers, one RV resort, and rehabilitation of WRP 10 T-1 pump station project. These connections will include construction of approximately 50,000 linear feet of non-potable pipeline within the public right-of-way and private lands in Palm Desert and unincorporated Bermuda Dunes and will provide approximately 6,500 AFY of irrigation water. Construction activities for T-1 pump station replacement and four customer pipeline connections are planned in 2021 and 2022. Construction activities for three additional customer connections are expected to complete by 2025.

In addition, CVWD submitted a CWSRF loan application for seven new golf course customers, Indian Wells Tennis Garden, and Southwest Community Church in December 2020. The golf course customers include Suncrest Country Club, Rancho Mirage Country Club, Annenberg Estate, Tamarisk Country Club, Palm Royale Country Club, Jack Ivey Ranch, and Tri-Palm Country Club. These connections will include construction of approximately 67,000 linear feet of non-potable pipeline within the public right-of-way and private lands in Rancho Mirage, Palm Desert, Indian Wells, La Quinta, and county of Riverside and will provide approximately 5,200 AFY of irrigation water. Construction activities for these connections are expected to begin in 2022 and complete in 2024.

CVWD submitted multiple grant applications in 2019 to fund construction of these short-term connections, including to the California Department of Water Resources (IRWM Grant Program) and U.S. Bureau of Reclamation (WIIN Grant Program). CVWD is also preparing multiple CWSRF applications to fund the WRP 10 expansion and additional non-potable connections.

DWA is evaluating the feasibility of connecting two additional golf courses and one park to its non-potable water system in the future. Connection of these users to non-potable water will increase DWA's winter demand and minimize future wastewater percolation.

8.4 GROUNDWATER RECHARGE

Groundwater recharge is a key groundwater management strategy employed in the Indio Subbasin. Three replenishment facilities are currently operated by CVWD in the Indio Subbasin (see **Figure 5-2**): WWR-GRF, PD-GRF, and TEL-GRF. The West Whitewater River Subbasin AOBs and the WWR-GRF are jointly managed by CVWD and DWA under the terms of the 1976 Water Management Agreement as revised December 15, 1992 and July 15, 2014. CVWD also operates the PD-GRF located in the City of Palm Desert to replenish the mid-valley of its the West Whitewater River Subbasin AOB. The East Whitewater River Subbasin AOB and TEL-GRF are managed by CVWD. The groundwater replenishment

programs are funded by groundwater pumpers (other than minimal pumpers[4]) who pay a per acre-foot charge within designated AOBs. CWA and IWA financially contribute to the groundwater replenishment program in the East Whitewater River Subbasin AOB by paying the replenishment assessment charges on all their municipal pumping.

8.4.1 Whitewater River Groundwater Replenishment Facility

Beginning in 1918, CVWD initiated activities to obtain water rights and acquire lands to begin groundwater replenishment activities using stream flows from the Whitewater River. Replenishment with imported water began in 1973, and the WWR-GRF was expanded in 1984. During WY 2019-2020, groundwater recharge operations replenished 47,540 AF of imported water at the WWR-GRF. As of September 30, 2020, a total of 3,708,827 AF of imported water has been recharged at the WWR-GRF. Groundwater elevations near the facility have risen as much as 164 feet based on the 10-year change map.

8.4.2 Palm Desert Groundwater Replenishment Facility

In 2018, CVWD completed planning and environmental studies along with engineering and construction of a portion of the PD-GRF. The PD-GRF will provide an estimated 25,000 AFY of direct groundwater replenishment using imported Colorado River water delivered via the MVP in the Palm Desert area when fully completed. The PD-GRF will be constructed and implemented in two phases. Phase I of the project involved re-purposing nine existing ponds adjacent to and north of WRP-10 to function as Colorado River water recharge basins and will provide up to 10,000 AFY of recharge capacity. Delivery and recharge of Colorado River water in the Phase I recharge basins began in February 2019. Phase II of the PD-GRF involves construction of recharge basins in the Whitewater River Stormwater Channel south/southeast of WRP-10 and is expected to provide up to 15,000 AFY of recharge capacity. CVWD is currently working to obtain environmental permits from the Colorado River Regional Water Quality Control Board and United States Army Corp of Engineers.

In WY 2019-2020, a total of 9,609 AF of Colorado River water was replenished at the PD-GRF. As of September 30, 2020, a total of 14,836 AF of imported water has been recharged at the PD-GRF.

8.4.3 Thomas E. Levy Groundwater Replenishment Facility

Recharge operations continued at the TEL-GRF with an annual recharge of 36,851 AF in WY 2019-2020. This amount is relatively consistent with the previous year. Since the full-scale facility commenced operation in 2009, a total of 396,151 AF has been recharged and groundwater elevations near the facility have increased by nearly 64 feet.

8.5 WATER QUALITY IMPROVEMENTS

The 2010 CVWMP identified a number of water quality issues and presented recommendations for future actions. Fundamental to all water quality efforts has been ongoing water quality monitoring and tracking of regulatory requirements and water quality standards set by federal and state agencies.

Salinity management is an important water quality issue. Recognizing that use of Colorado River entails salt loading to the Indio Subbasin, salinity management has included a Colorado River watershed approach to lower salinity levels through the Colorado River Salinity Control Forum Program (Program). This Program (a cooperative effort involving federal, state, and local agencies) has included construction of

[4] CVWD's enabling legislation defines a minimal pumper as any producer who produces 25 or fewer AF in any year. DWA's legislation defines a minimal pumper as any producer who produces 10 or fewer AF in any year.

salinity control measures (for example, prevention of inflow to the river from saline springs), advancement of policies for effluent limitation (for example, policies addressing discharges from fish hatcheries), and implementation of non-point source management plans (for example, improved irrigation practices. The Program has successfully controlled over 1.22 million tons of salt annually and has identified additional measures to achieve the identified maximum potential salt reduction of 2.35 million tons per year by 2040.

The SWRCB, recognizing the importance of recycled water as a water supply, established the 2009 *Recycled Water Policy* to encourage the increased use of recycled water and to support water supply diversity and sustainability. While encouraging the use of recycled water (which may have elevated salts and nutrients), the *Recycled Water Policy* also requires that salts and nutrients from all sources be managed on a basin-wide basis to attain water quality objectives and protect beneficial uses; this is typically through development of a salt and nutrient management plan (SNMP). In 2015, CVWD, DWA, and IWA produced an SNMP for the Coachella Valley Groundwater Basin (CVWD, et al., 2015). Subsequently, the 2015 SNMP was evaluated by the Regional Water Quality Control Board (RWQCB), which concluded that the 2015 SNMP did not fully satisfy *Recycled Water Policy* requirements and provided recommendations (Colorado River Basin RWQCB, 2020). In response, eight water and wastewater agencies of the Coachella Valley are preparing a SNMP Development Workplan to describe a detailed scope of work, including a new monitoring program, to support updating the SNMP.

Hexavalent chromium or chromium-6 was identified in the 2010 CVWMP as an emerging issue because of State assessment at the time of a tighter public health goal and maximum contaminant level (MCL). The total chromium (hexavalent and trivalent) MCL at the time was 50 ug/L. In 2014, California adopted a 10 ug/L MCL for chromium-6, but this MCL was rescinded in 2017 due to a ruling that the California Department of Public Health "had failed to consider the economic feasibility of complying with the MCL". Currently, the MCL is 50 ug/L. Chromium-6 is naturally occurring in Indio Subbasin. While chromium-6 has been detected in local wells in concentrations exceeding 10 ug/L, no recently sampled wells have exceeded the current standard of 50 ug/L. In 2014, the California State Water Resources Control Board (SWRCB) established a Maximum Contaminant Level (MCL) for hexavalent chromium at 10 micrograms per liter (µg/L), which was then repealed in August 2017. Until a revised MCL is adopted by the SWRCB, California's existing total chromium MCL of 50 µg/L continues to be the drinking water standard. (The federal MCL for total chromium is 100 µg/L.) The SWRCB Division of Drinking Water (DDW) is currently developing a new regulatory package for hexavalent chromium and anticipates it will be released for public comment in Spring 2021, with a new MCL going into effect in early 2022. Colorado River water is relatively low in chromium-6 and replenishment of the Indio Subbasin with Colorado River water reduces concentrations.

As part of the Coachella Valley Regional Water Management Group (CVRWMG), CVWD was awarded two grants for Proposition 84 Round 4 totaling about $500,000 for two rebate programs. CVWD completed administration of both grants during WY 2019-2020. The Regional Well Retrofit and Abandonment Program issued 23 rebates for the retrofit or destruction of improperly sealed or abandoned wells in the Coachella Valley. The Disadvantaged Community (DAC) Septic Rehabilitation and Demand Reduction Program issued 10 rebates for the rehabilitation or replacement of onsite septic systems in the Coachella Valley. In 2020, CVWD and CWA were awarded $2.4 million in grants for two projects, the Castro Mobile Home Park Water Consolidation Project and the East Coachella Valley Water Supply Project – Avenue 66

Phase 2B, under Proposition 1 Round 1 to connect communities currently relying on deteriorated shallow groundwater wells to the existing CVWD and CWA potable water systems.

8.6 CURRENT IMPLEMENTATION STATUS

The recommended actions identified in the 2010 CVWMP Update (Alternative Plan) are described in Table 6-2 of the Alternative Plan. A revised version of Table 6-2, with the current updated status, is presented as **Table 8-2**.

Table 8-2
WY 2019-2020 CVWMP Implementation Status Update

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
WATER CONSERVATION PROGRAM				
Adopt and implement 2009 CVWD/CVAG Landscape Ordinance or equivalent	CVWD, water purveyors, cities, Riverside County	Ongoing	**Completed.** Ordinance revised in 2015 to comply with new State requirements	Continue to comply with State requirements
Establish urban water conservation baseline	CVWD, other urban water purveyors	Completed	**Completed.** Re-evaluated in 2015 UWMPs based on 2010 census population	Initiated development of 2020 Regional UWMP due by June 30, 2021. Will reevaluate at the time
Achieve minimum 10 percent reduction in existing golf course use	CVWD, DWA	2015	In Progress	Continue to work with Golf and Water Task Force to develop and monitor custom water budgets and continue to implement grant-funded conservation rebates

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Achieve 14 percent reduction in agricultural water use	CVWD	2020	**Completed.** As of 2017, agricultural water use has decreased by 15%	Continue to work with Agricultural Water Advisory Group to develop programs for increased conservation
Achieve 20 percent reduction in urban use	CVWD, other urban water purveyors	2020	**Completed.** 2015 UWMPs documented 37% reduction in 2015 from 1999 to 2008 baseline	Initiated development of 2020 Regional UWMP due by June 30, 2021. Will reevaluate at the time
WATER SUPPLY DEVELOPMENT PROGRAM				
Complete siting studies, environmental impact evaluation and design for CVSC drain water capture and treatment facilities	CVWD	2013	Deferred. Imported water status report (2015) indicated potential deferral until 2025 or later depending on growth	Project need will be re-evaluated as part of the 2022 Indio Subbasin Alternative Plan Update
File for water rights application for change of point of use for wastewater effluent discharges to allow water recycling	CVWD, VSD, CWA	2015	In Progress. CVWD's wastewater change petition to reuse effluent from WRP-4 was released for public review in October 2017 and received several protests	CVWD continues to work to resolve any concerns identified by valid protests. CVWD plans to complete a Preliminary Design Report and initiate project-level environmental review in 2021.

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Complete construction of initial CVSC drain water capture and treatment facilities	CVWD	2015	Deferred. Imported water status report (2015) indicated potential deferral until 2025 or later depending on growth	Project need will be re-evaluated as part of the 2022 Indio Subbasin Alternative Plan Update
Conduct a feasibility study to investigate the potential for additional stormwater capture in the East Valley	CVWD	2015	In Progress. with stormwater studies	Continue to maximize stormwater capture in facilities design
Conduct a study to determine the amount of water lost to leakage or otherwise unaccounted in the first 49 miles of the Coachella Canal and evaluate the feasibility of corrective actions to capture lost water	CVWD	2015	Deferred. No longer a priority due to measured losses below 5% since canal lining	Continue to monitor annual system losses
Conduct a joint investigation with IWA and CWA of groundwater development potential in Fargo Canyon Subarea of the Desert Hot Springs Subbasin to determine the available supply and suitability for use in meeting non-potable demands of development east of the San Andreas fault	CVWD, IWA, CWA	2020	Deferred due to changes in water supply needs.	Project need will be re-evaluated as part of the 2022 Indio Subbasin Alternative Plan Update
SOURCE SUBSTITUTION PROGRAM				
Prepare a master plan for Mid-Valley Pipeline completion (NPW Master Plan)	CVWD	2011	In Progress. Draft plan completed in 2016. Evaluation of additional alignments in progress.	Master plan and environmental analysis to be completed in 2021.

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Connect four golf course users along the Mid-Valley Pipeline alignment to the Mid-Valley Pipeline	CVWD	2011	**Completed**	Continue to pursue additional connections; monthly progress report to CVWD Board
Work with existing East Valley golf courses having Coachella Canal water access to increase their use to 90 percent of demand	CVWD	2012	In Progress. Revised to 80% via non-potable agreements	Continue to work to expand use of Coachella Canal water and report progress to CVWD Board in annual Non-Potable Water Report
Investigate regional opportunities for Colorado River water treatment facilities	CVWD, IWA, CWA	2012	**Completed** via Source of Supply/Treatment Study (SS/TS).	None - completed
Develop policy requiring the installation of non-potable water systems for new development	CVWD	2012	**Completed**	Continue required Development Design Manual and require use of non-potable water system where available
Work with large agricultural groundwater pumpers to determine what obstacles exist that prevent them from using additional Coachella Canal water and encourage them to reduce their groundwater pumping	CVWD	2012	Deferred due to changes in water supply needs.	Project need will be re-evaluated as part of the 2022 Indio Subbasin Alternative Plan Update

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Construct north and east extensions to the Mid-Valley Pipeline system (2017-2018 NPW Connections)	CVWD	2013	Completed design for four pipeline projects and T1 Pump Station Replacement Project.	Initiate construction of projects with completed design. Continue design and feasibility studies for additional projects.
Complete siting studies, environmental impact evaluation and design for Colorado River water treatment facilities	CVWD	2013	Deferred due to changes in water supply need	No action. Project need will be re-evaluated as part of the 2022 Indio Subbasin Alternative Plan Update
Complete construction of initial Colorado River water treatment facilities and connect to distribution system	CVWD	2015	Deferred due to changes in water supply need	No action. Project need will be re-evaluated as part of the 2022 Indio Subbasin Alternative Plan Update
Complete Oasis In-Lieu Recharge Project study update	CVWD	2015	Project separated into two phases. Phase One construction initiated.	Complete Phase One construction. Phase Two construction to begin in early 2021.
Prepare a non-potable water distribution master plan Phase 3	CVWD	2015	**Completed**	None - Completed

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Complete construction of Mid-Valley Pipeline backbone system	CVWD	2020	Initiated designs and loan application for nine new NPW connections.	Complete designs for nine new NPW connections. Initiate design and CEQA for new WRP-7 NPW customers and expansion of Frank Sinatra alignment
GROUNDWATER RECHARGE PROGRAM				
Operate and monitor the TEL GRF with a 40,000 AFY goal	CVWD	2010	In Progress with lower goal of 36,000 AFY	Continue recharge with lower goal of 36,000 AFY and finalize TEL GRF groundwater replenishment evaluation
Investigate groundwater storage opportunities with IID	CVWD	2010	**Completed**	None - Completed
Transfer the unused portion of the 35,000 AFY of SWP water available under the QSA to the WR GRF	CVWD	2011	**Completed**	Continue to budget transportation funds annually. Maximize advanced delivery opportunities.
Work with IWA to evaluate the feasibility of developing a groundwater recharge project that reduces groundwater overdraft. If feasible, work with IWA to construct the facility	CVWD, IWA	2011	Feasibility Study in progress	No action. Re-evaluate need in the upcoming 2022 Alternative Plan Update.

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Design and construct an additional pumping station and pipeline from Lake Cahuilla to the TEL GRF if the existing pumping station and pipeline cannot provide sufficient water to meet the annual goal	CVWD	2015	Deferred pending TEL GRF groundwater replenishment evaluation	Continue TEL GRF groundwater replenishment evaluation
Conduct siting studies, environmental impact evaluation and design for Martinez Canyon GRF	CVWD	2018	Deferred indefinitely due to monitoring results	None – deferred indefinitely

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
MONITORING AND DATA MANAGEMENT				
Continue to monitor the extent of land subsidence	CVWD, USGS	2010	Final report for 2010-2017 data completed in 2020	Discussion with USGS for continuing monitoring and studies
Provide additional information in the annual engineers' reports:	CVWD, DWA	2011	All elements completed	Engineer's reports content is now coordinated with SGMA annual reporting requirements
* Annual precipitation and stream flow			**Completed**	
* Additional groundwater level data and hydrographs			**Completed**	
* In-lieu recharge water deliveries from imported water and recycled water that offset pumping			**Completed**	
* Imported water deliveries for direct use			**Completed**	
Obtain DWR designation as groundwater level monitoring and reporting entity for the Coachella Valley within their respective service areas	CVWD, DWA, water purveyors	2011	**Completed** via the CASGEM Program	Continue to monitor and report, including budgeting funds as needed to continue program participation
Prepare a comprehensive groundwater monitoring plan	CVWD, DWA, water purveyors, wastewater agencies, tribes	2012	Prepared and submitted an SNMP groundwater monitoring plan with local water and wastewater agencies	Implementation of new enhanced groundwater monitoring plan will begin in 2021
Enhance the CVSC gauging station at Lincoln Street to provide continuous flow recording	CVWD, USGS	2012	**Completed**	Continue using USGS gauge for CVSC drain flow reporting

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Develop centralized groundwater database	CVWD, DWA, water agencies, tribes	2012	Deferred, pending 2022 Indio Subbasin Alternative Plan Update	Evaluate need as part of the 2022 Indio Subbasin Alternative Plan Update
Install gauging stations on the individual drains flowing to the Salton Sea	CVWD	New	The Agricultural Drain Flow Monitoring Network Assessment found the installation of gauging stations on the individual drains to be infeasible or cost-prohibitive	Deferred, but other pragmatic improvements to the drain flow monitoring program being pursued as part of the CVWD FY 2020/2021 Strategic Initiative Program
OTHER PROGRAMS				
Continue to operate a groundwater advisory committee regarding groundwater management issues in the East Valley	CVWD, water agencies, pumpers, tribes	2010	**Completed**	Annual meeting with Joint Water Policy Advisory Committee (JWPAC)
Develop a program to educate and work with well owners to properly control artesian wells	CVWD	2011	**Completed.** Fully utilized $250,000 IWRM grant funding for artesian well sealing – up to $35,000 per well	Continue program implementation funded by CVWD at $50,000 per FY

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Update and recalibrate the CVWD groundwater model based on the most current information	CVWD	2012	Initiated update to groundwater model data to support the 2022 Indio Subbasin Alternative Plan Update	Finalize update to groundwater model data to support the 2022 Indio Subbasin Alternative Plan Update
Develop a water planning interface to the groundwater model	CVWD	2012	Deferred indefinitely. Water planning being supported by consultants	None - deferred indefinitely
Prepare a plan to maintain and enhance the existing drainage system to allow its future use for urban purposes	CVWD	2012	**Completed**. Legal authority established	None - completed
Develop well construction, destruction and abandonment policies	CVWD, DWA, water agencies, tribes, Riverside County	2012	Fully utilized $250,000 grant funding – up to $35,000 per well for artesian well retrofits (sealing, well destruction, and conversion to CASGEM monitoring well)	Continue to support County's efforts to enforce. Pursue additional IRWMP grant funding as available
Add groundwater quality simulation capabilities to the model that will allow simulation of salinity (TDS) and nitrogen in the groundwater	CVWD	2013	Deferred indefinitely. Water planning being supported by consultants	None - deferred indefinitely

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Prepare a salt/nutrient management plan for the Valley to meet SWRCB Recycled Water Policy requirements	CVWD, DWA, water purveyors, wastewater agencies, tribes, agricultural and golf communities, and Regional Board	2014	Submitted to RWQCB in June 2015. RWQCB submitted findings requiring additional work. Preparing an enhanced monitoring plan and workplan to update the CV-SNMP	Finalize CV-SNMP Development Workplan and initiate work on CV-SNMP update
Extend urban water and sewer service to trailer/RV park communities with deficient infrastructure and poor water quality	CVWD	2015	In Progress. Formed Disadvantaged Community Task Force. Developing an implementation strategy that prioritizes connection needs	Continue to sponsor applications for USDA, IRWM, CDPH, and SWRCB funding
Investigate the feasibility of installing nitrate treatment on selected high nitrate wells to avoid redistribution of nitrates	CVWD	2015	In Progress via CVWD's Source of Supply/Treatment Study. Treatment process being re-evaluated	CVWD continues to explore new technologies for pilot testing any promising processes that may be technically and economically feasible to implement

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Undertake a cooperative program to identify and cap wells that are no longer being used for groundwater production	CVWD, DWA	2015	Fully utilized $250,000 grant funding – up to $35,000/ per well for artesian well retrofits (sealing, well destruction, and conversion to CASGEM monitoring well)	Continue to support County's efforts to enforce. Pursue IRWM grant funding
ENVIRONMENTAL ENHANCEMENT AND MITIGATION PROJECTS				
Develop plans for the creation of: * 25 acres of managed pupfish replacement habitat * 66 acres of managed rail replacement habitat * 44 acres of Sonoran cottonwood-willow riparian forest habitat	CVWD	2010	In Progress. Draft Garfield and Johnson Street Constructed Habitat Workplan submitted to CVCC	Finalize Garfield and Johnson Street Constructed Habitat Workplan. Commence project design, environmental review, permitting, and construction
Remove tamarisk, restore and enhance mesquite and Coachella Valley round-tailed ground squirrel habitat on land CVWD owns in the East Indio Hills Conservation Area	CVWD, CVCC	Not Specified	Completed tamarisk removal at WRP-7 site in 2017. Conducted monitoring and follow-up treatments	Continue to monitor the WRP-7 site and re-treat annually as necessary

Plan Element	Responsible Entity(ies)	SGMA Bridge Document Goal	2020 Status	2021 Planned Activities
Conserve approximately 1,200 acres of land owned in the CVFTL HCP Whitewater Floodplain Preserve in perpetuity as part of the CVMSHCP Reserve System	CVWD, CVCC	2010	In Progress. Continued developing mechanism for in-perpetuity conservation to incorporate wildlife agency comments. Environmental review in progress for Whitewater Replenishment Facility Lease agreement renewal with BLM	Continue to work with wildlife agencies to achieve conservation easement approvals and a lease agreement renewal with BLM.

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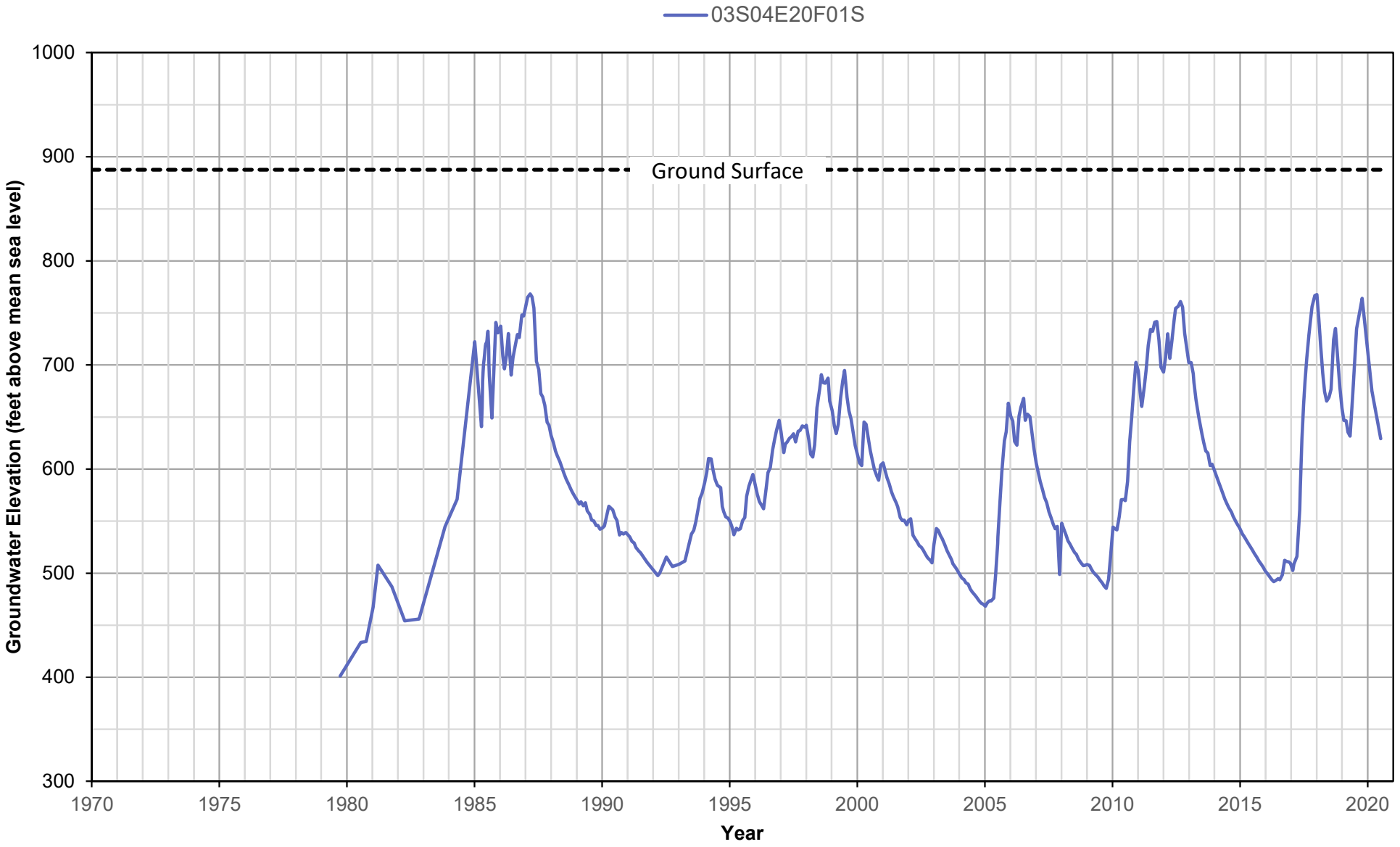
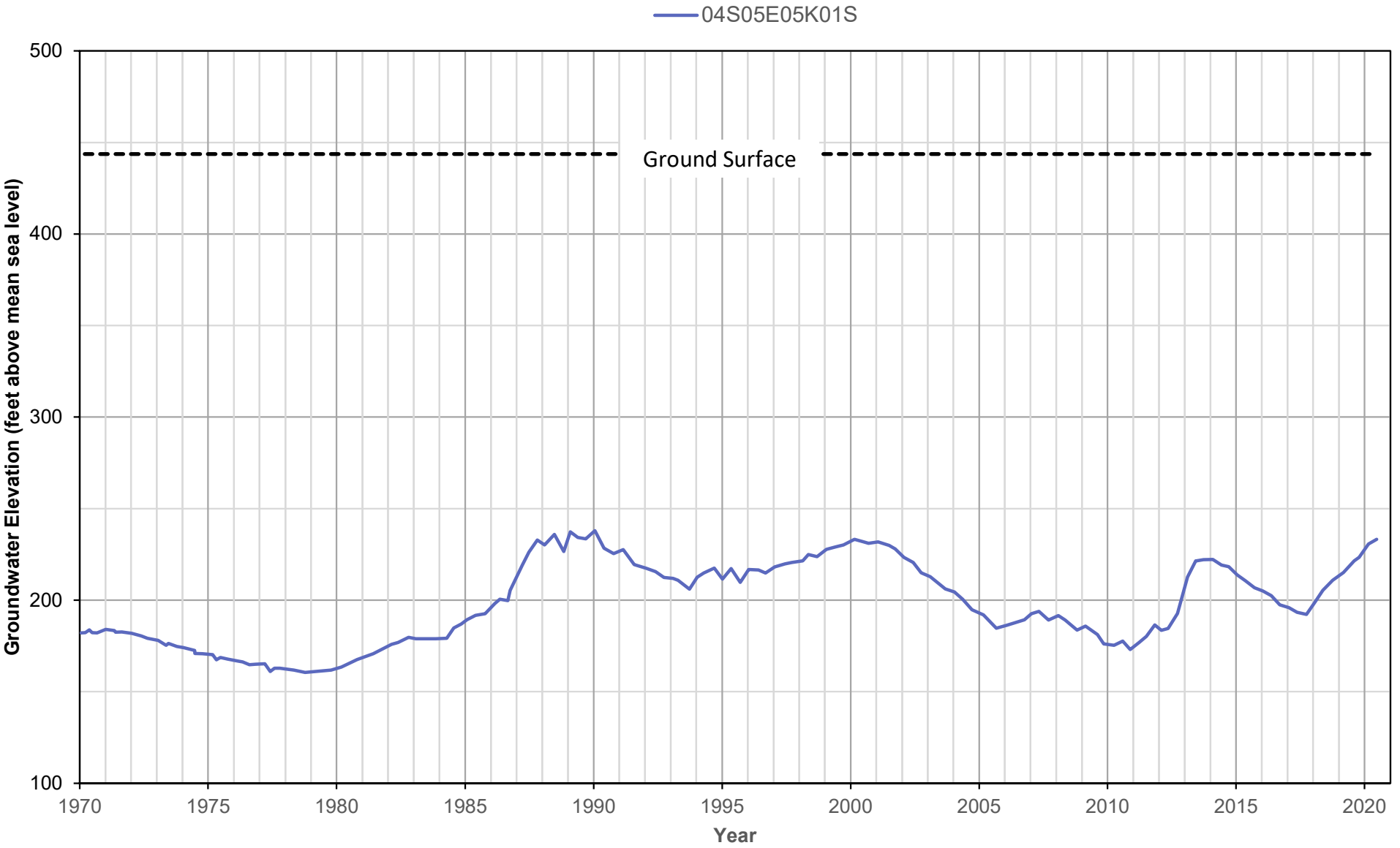
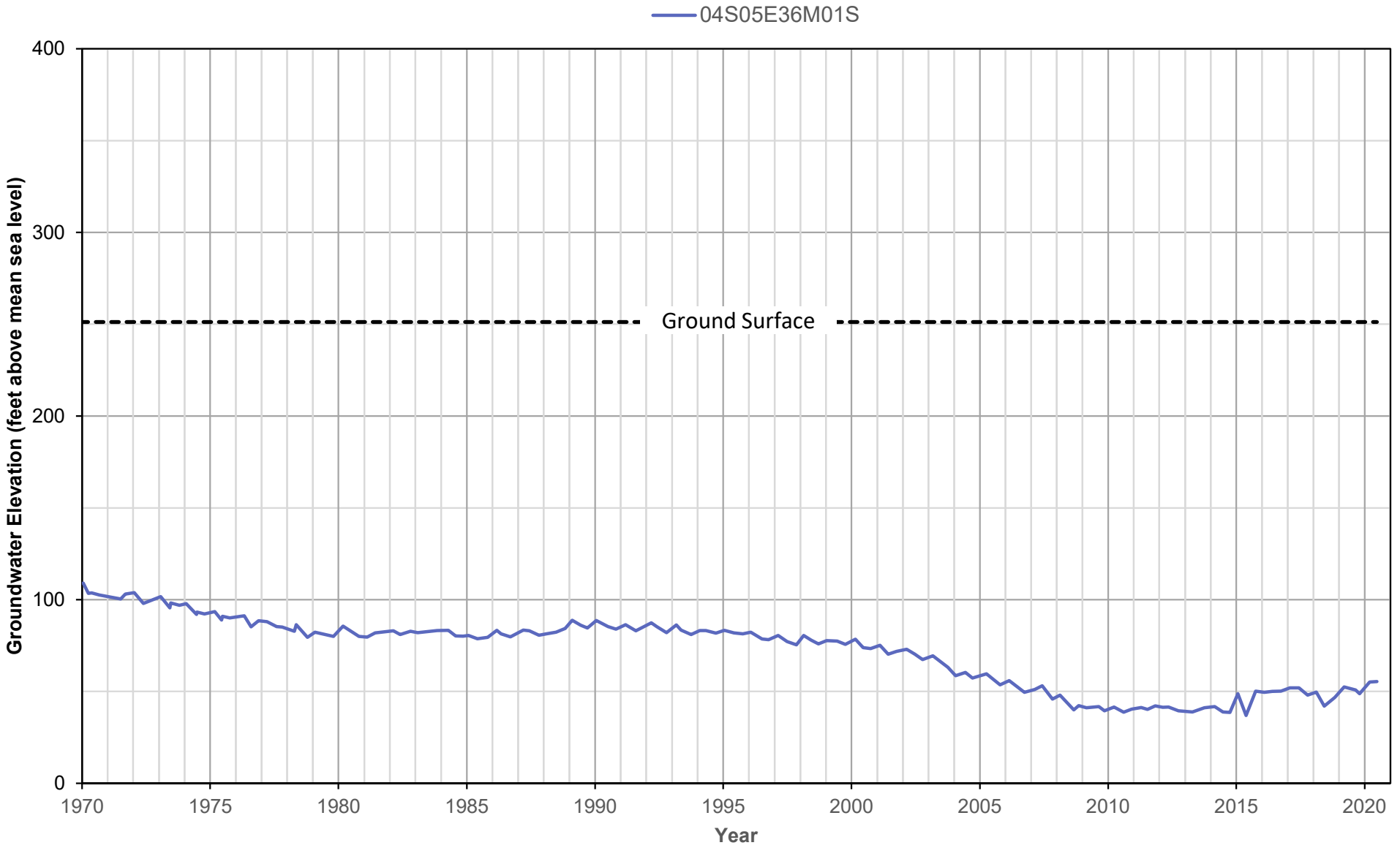
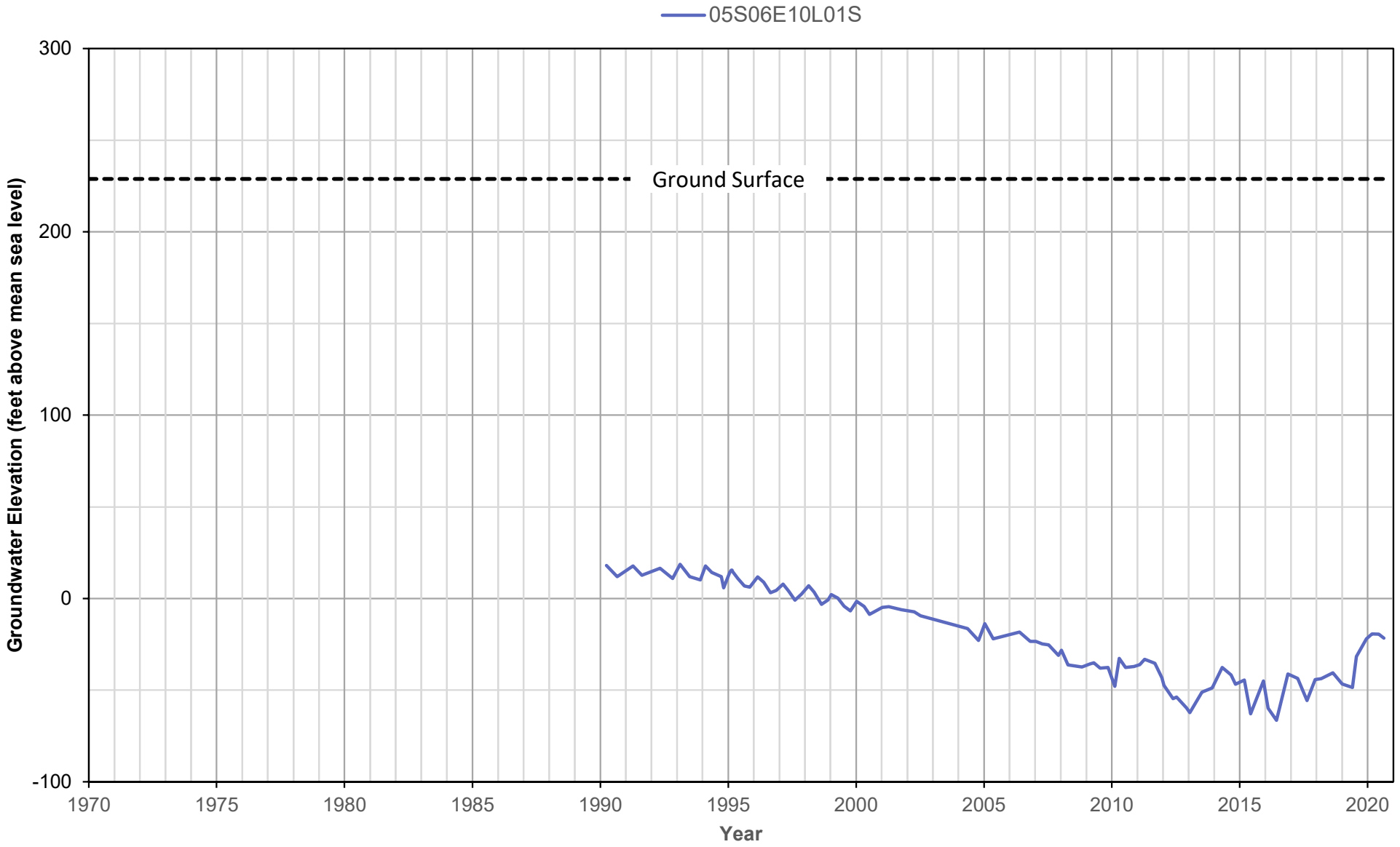
APPENDIX A

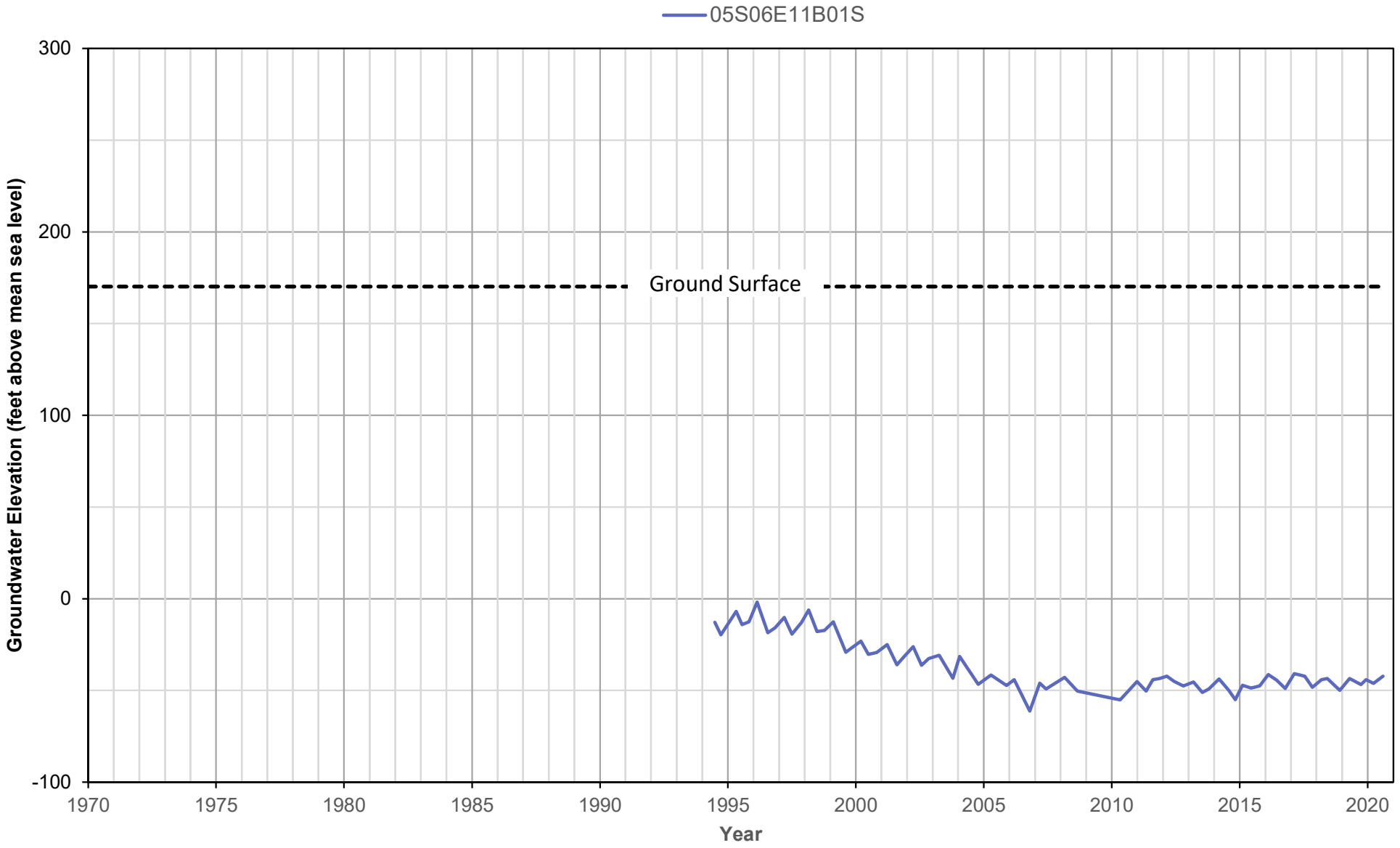
Representative Groundwater Elevation Hydrographs

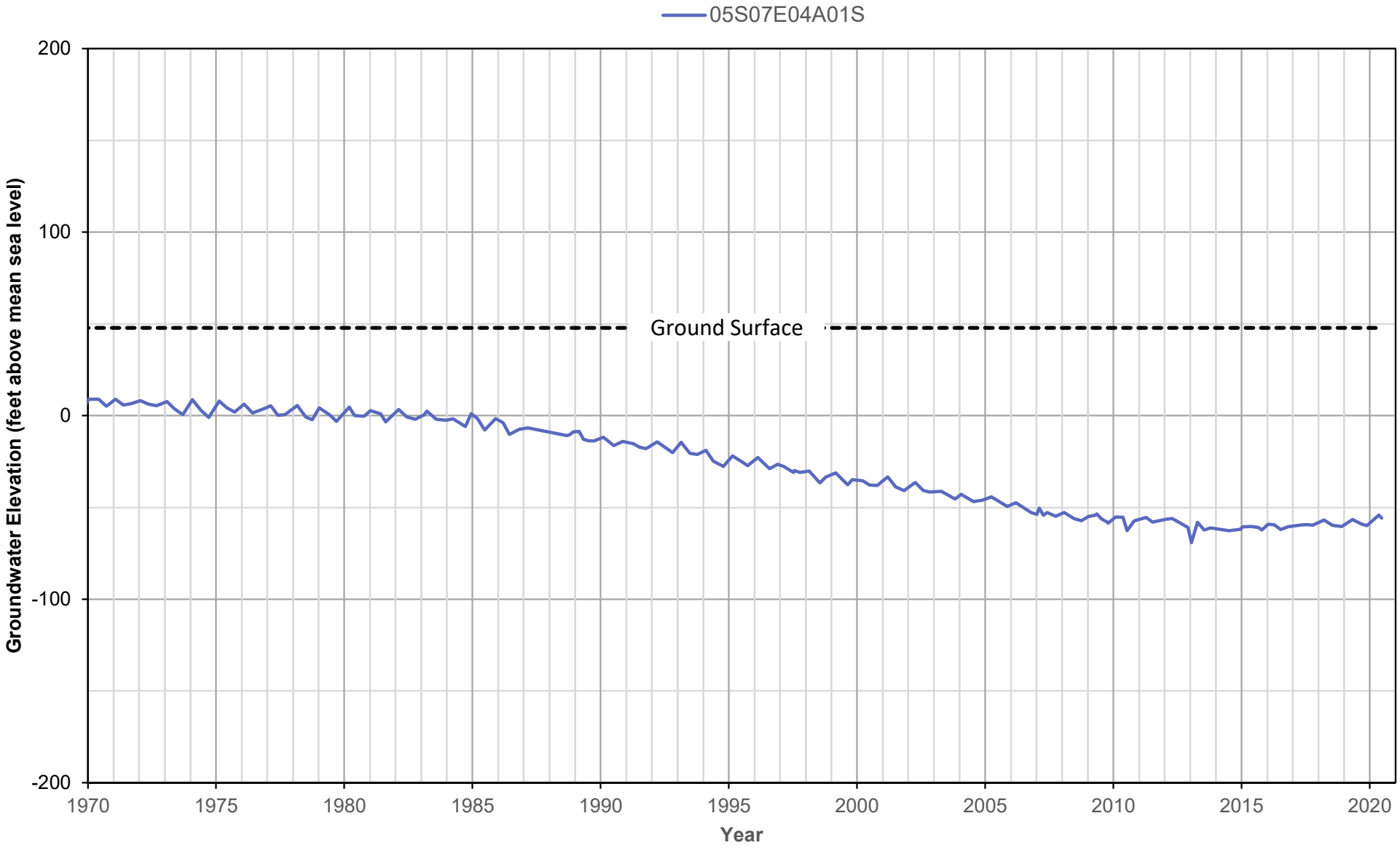

03S04E20F01S
Ground Surface
Groundwater Elevation (feet above mean sea level)
1000
900
800
700
600
500
400
300
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year

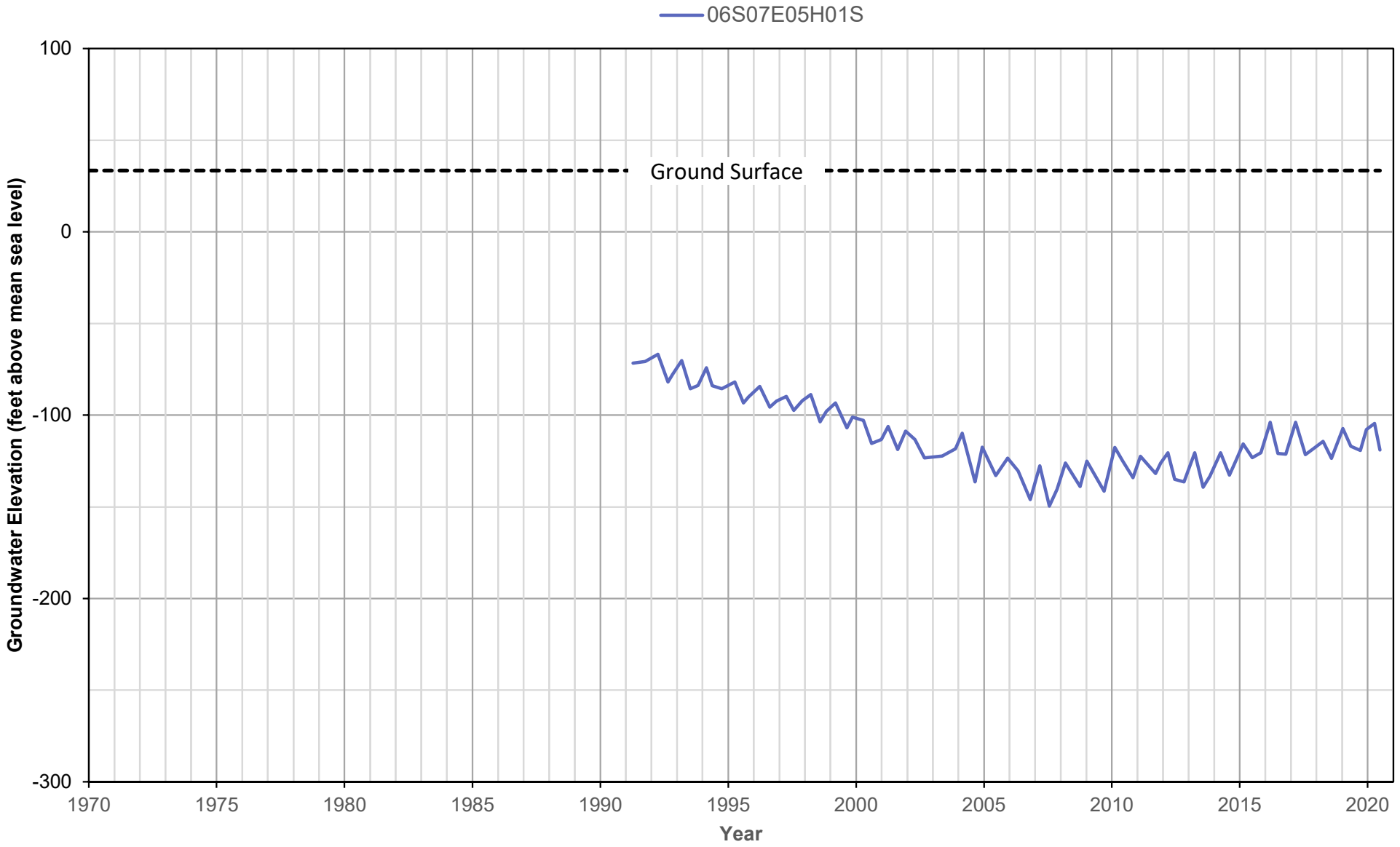

04S05E05K01S
Ground Surface
Groundwater Elevation (feet above mean sea level)
500
400
300
200
100
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year

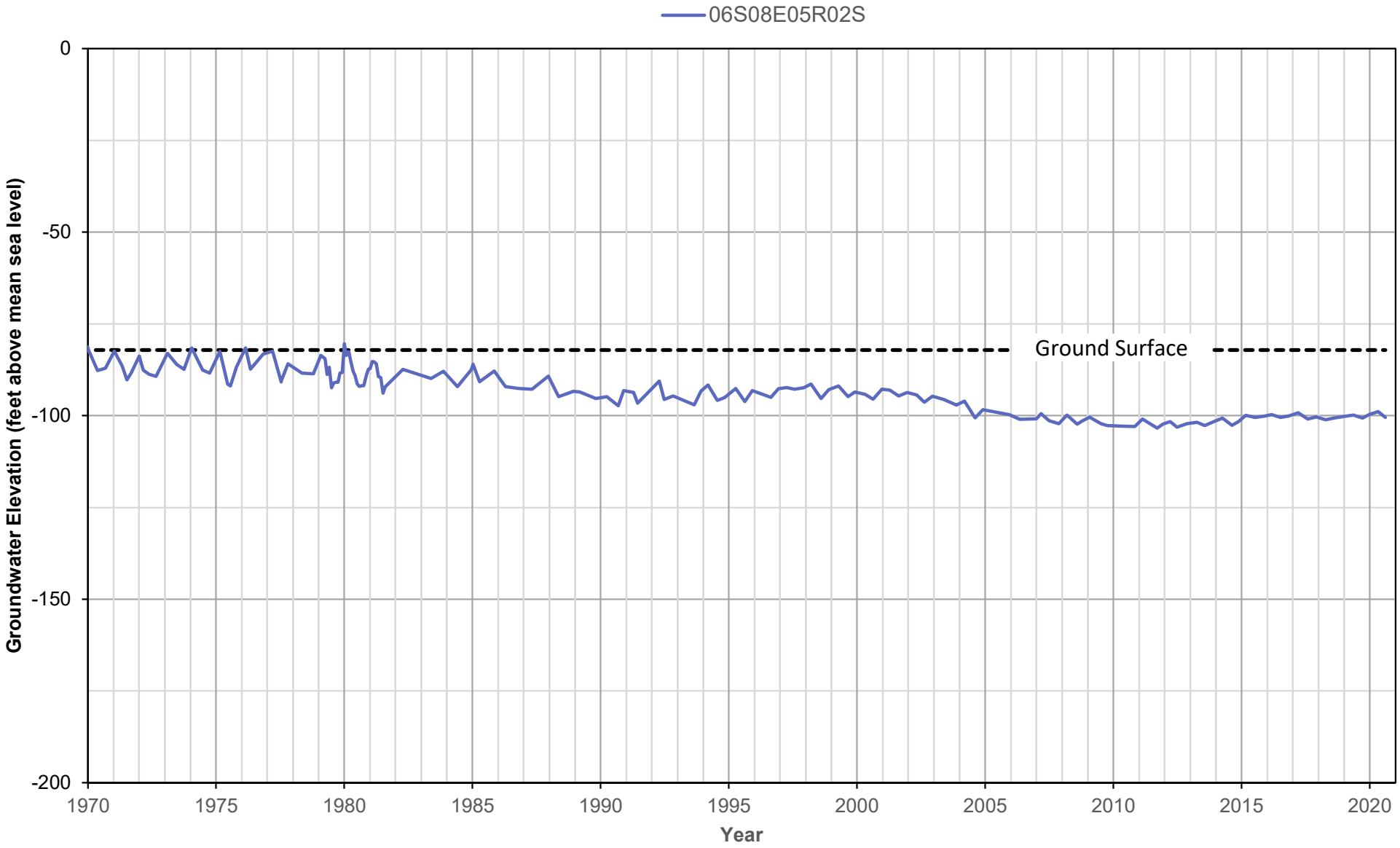

04S05E36M01S
Groundwater Elevation (feet above mean sea level)
400
300
200
100
0
Ground Surface
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year

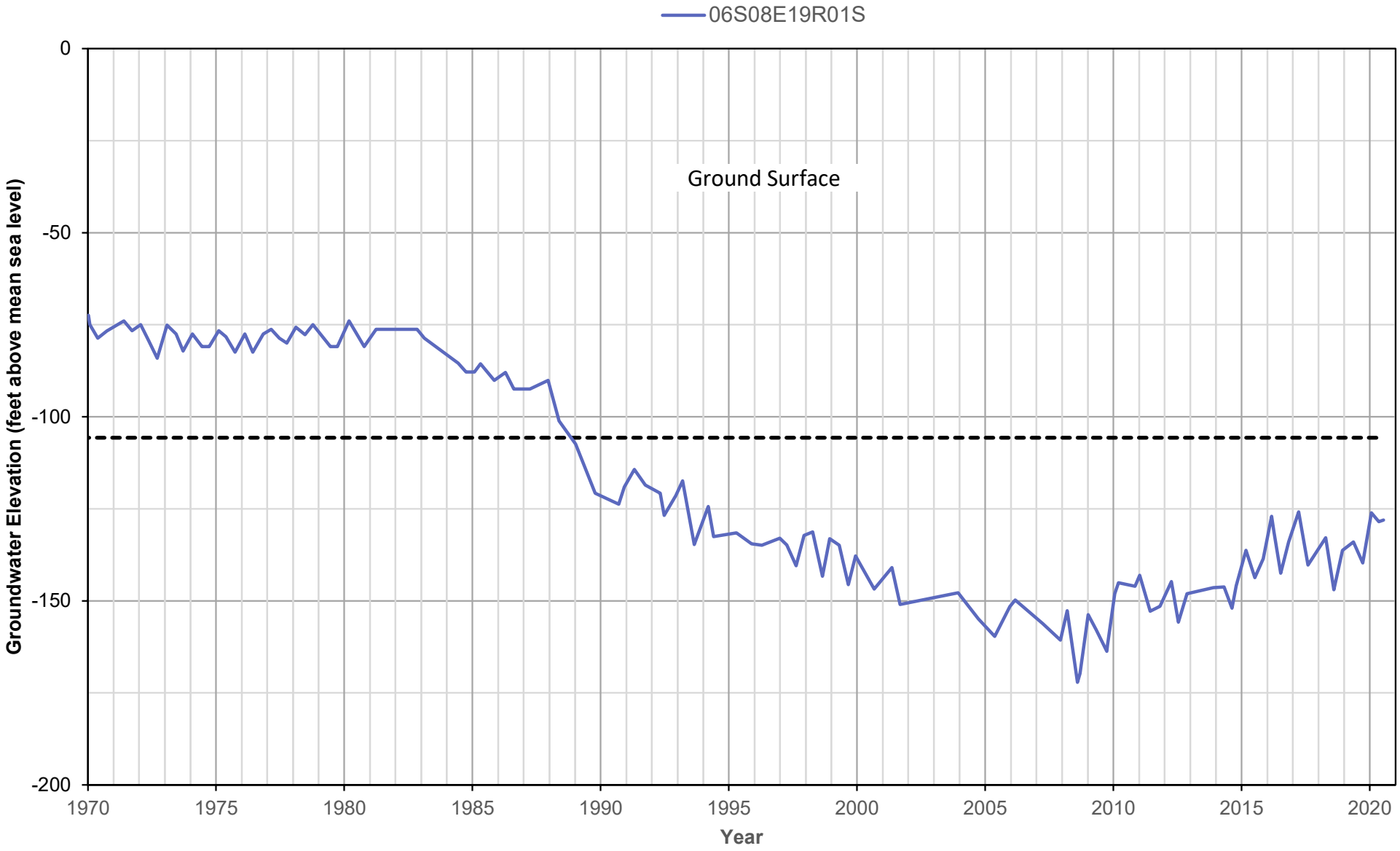

05S06E10L01S
Ground Surface
Groundwater Elevation (feet above mean sea level)
300
200
100
0
-100
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year

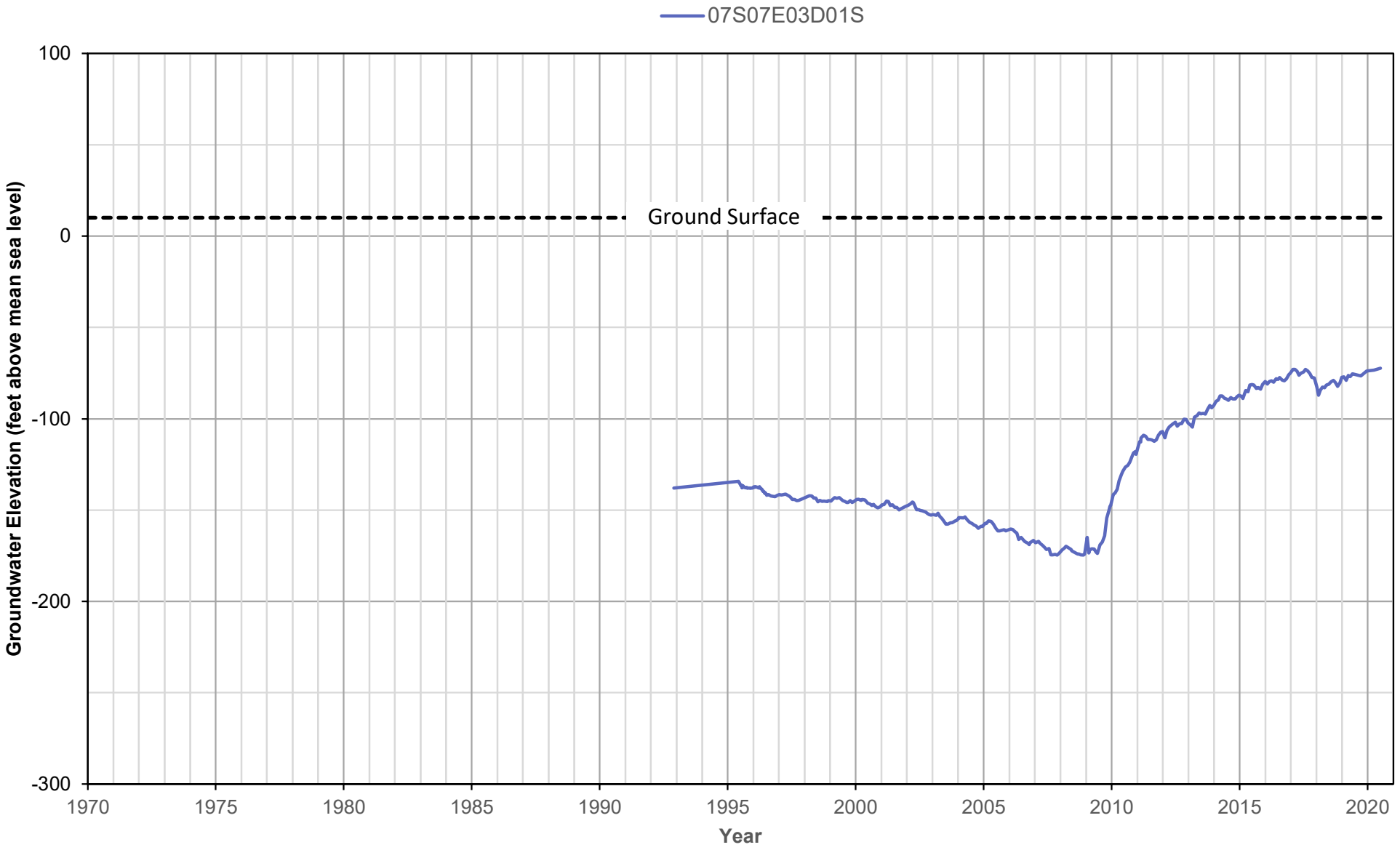

05S06E11B01S
300
200
100
0
-100
Ground Surface
Groundwater Elevation (feet above mean sea level)
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year

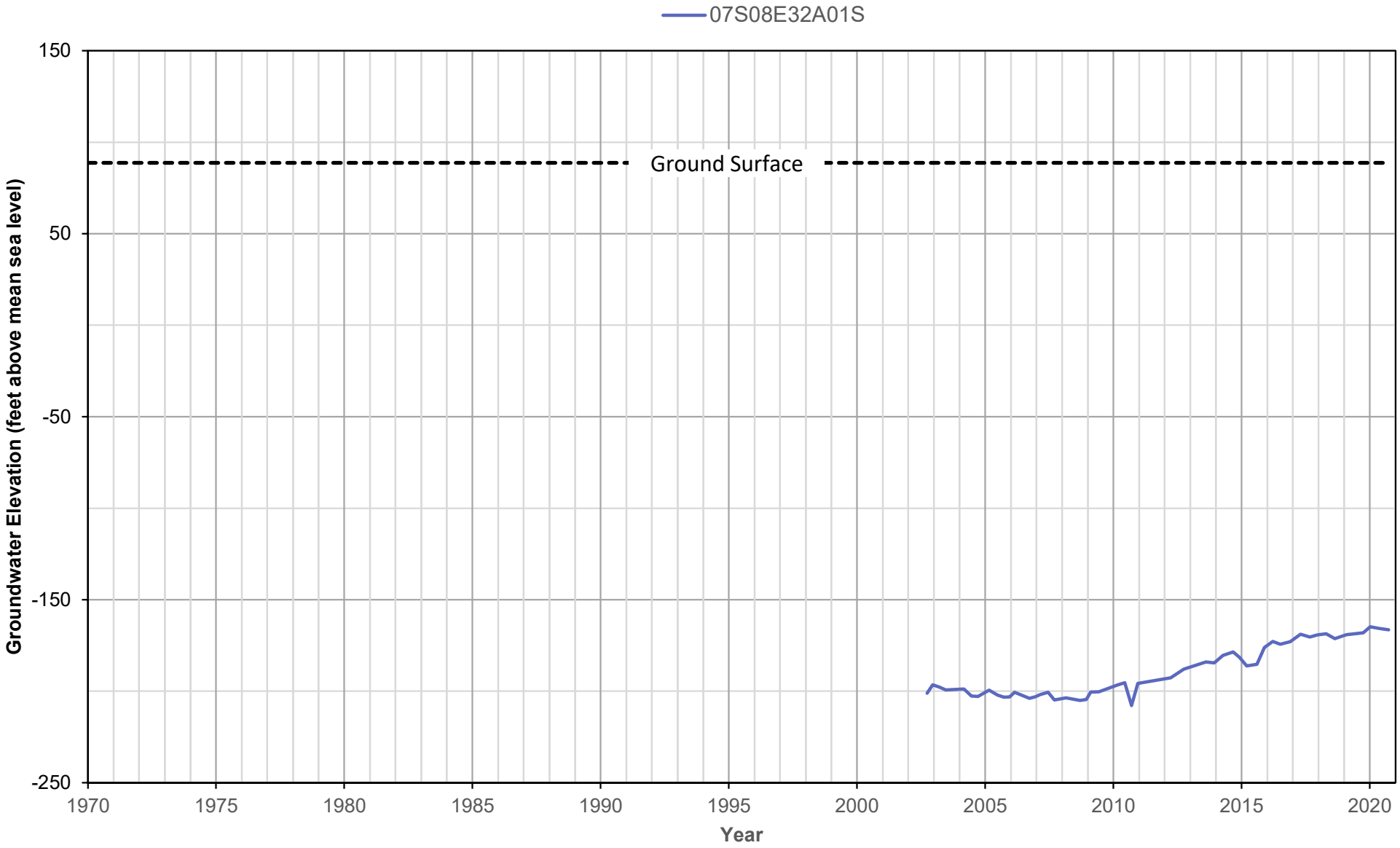

05S07E04A01S
200
100
0
-100
-200
Ground Surface
Groundwater Elevation (feet above mean sea level)
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year

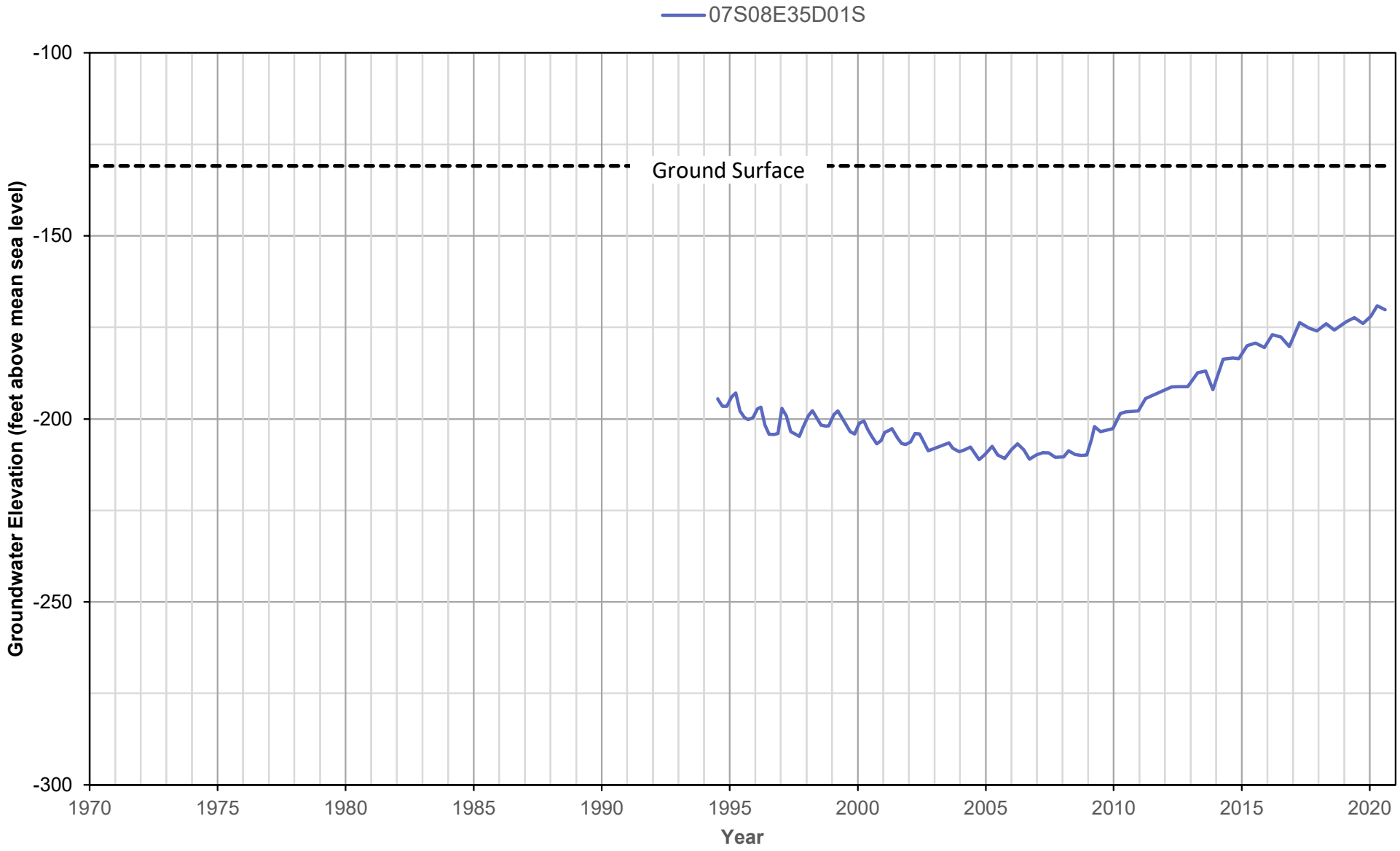

06S07E05H01S
Ground Surface
Groundwater Elevation (feet above mean sea level)
100
0
-100
-200
-300
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year

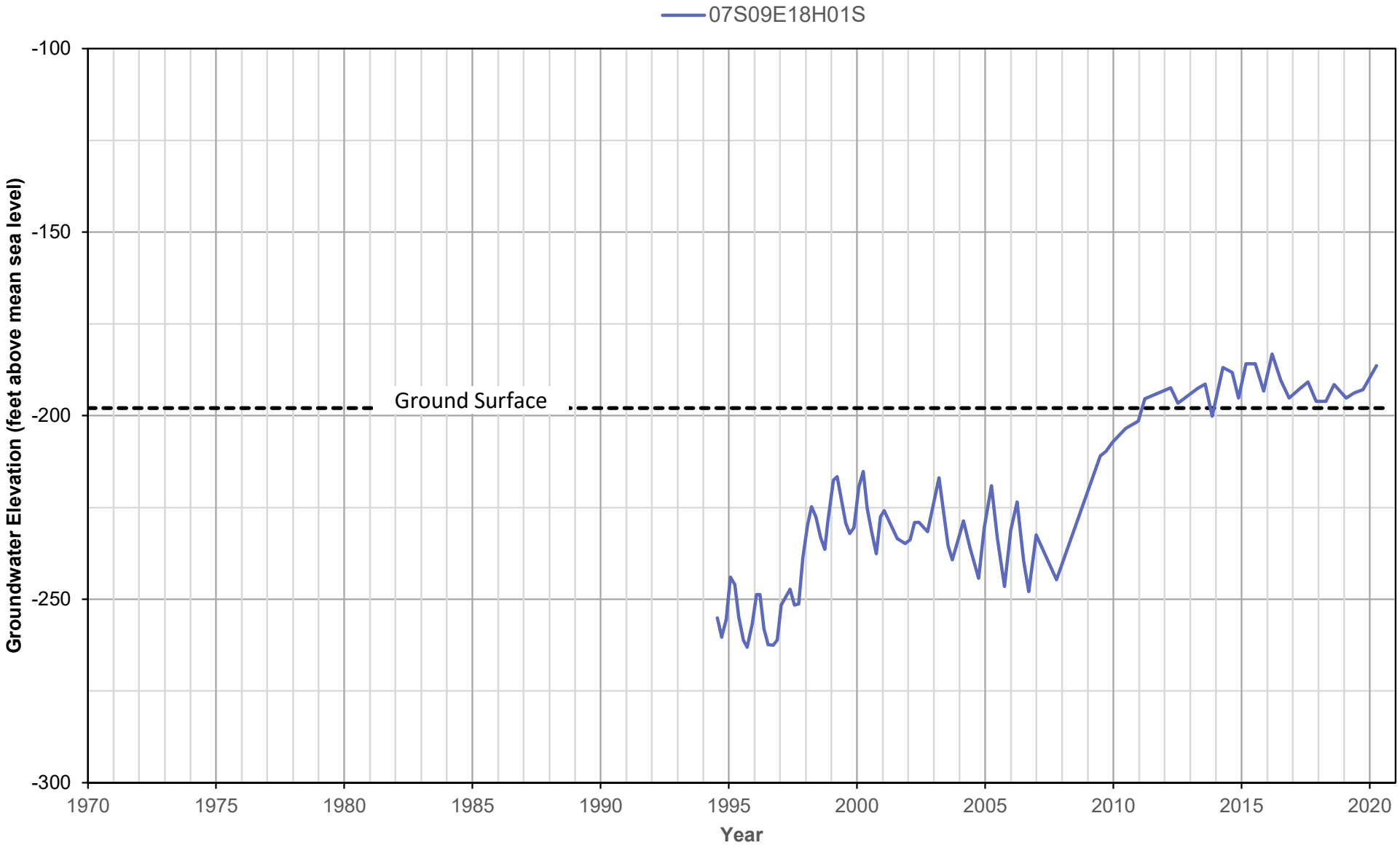

06S08E05R02S
Ground Surface
Groundwater Elevation (feet above mean sea level)
0
-50
-100
-150
-200
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year


06S08E19R01S
Ground Surface
Groundwater Elevation (feet above mean sea level)
0
-50
-100
-150
-200
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year


07S07E03D01S
Ground Surface
Groundwater Elevation (feet above mean sea level)
100
0
-100
-200
-300
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year


07S08E32A01S
Ground Surface
Groundwater Elevation (feet above mean sea level)
150
50
-50
-150
-250
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year


07S08E35D01S
Ground Surface
Groundwater Elevation (feet above mean sea level)
-100
-150
-200
-250
-300
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year


07S09E18H01S
-100
-150
-200
-250
-300
Groundwater Elevation (feet above mean sea level)
Ground Surface
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Year

APPENDIX B

WY 2019-2020 Groundwater Elevation Data

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
03S03E08A01S	10/10/2018	1508.50	314.01	1194.49
03S03E08A01S	12/3/2018	1508.50	314.03	1194.47
03S03E08A01S	6/17/2019	1508.50	314.05	1194.45
03S03E08A01S	12/17/2019	1508.50	315.36	1193.14
03S03E08A01S	6/4/2020	1508.50	316.03	1192.47
03S03E08L02S	4/24/2019	1358.10	286.13	1071.97
03S03E08L02S	6/11/2019	1358.10	284.98	1073.12
03S03E08L02S	6/13/2019	1358.10	285.07	1073.03
03S03E08L02S	10/30/2019	1358.10	282.22	1075.88
03S03E08L02S	3/5/2020	1358.10	280.00	1078.10
03S03E08L02S	7/14/2020	1358.10	279.88	1078.22
03S03E08L03S	4/24/2019	1358.10	287.59	1070.51
03S03E08L03S	6/11/2019	1358.10	287.41	1070.69
03S03E08L03S	6/13/2019	1358.10	287.54	1070.56
03S03E08L03S	10/30/2019	1358.10	285.83	1072.27
03S03E08L03S	3/5/2020	1358.10	284.26	1073.84
03S03E08L03S	7/14/2020	1358.10	284.37	1073.73
03S03E08L04S	4/24/2019	1358.10	305.37	1052.73
03S03E08L04S	6/11/2019	1358.10	305.16	1052.94
03S03E08L04S	6/13/2019	1358.10	305.23	1052.87
03S03E08L04S	10/30/2019	1358.10	303.17	1054.93
03S03E08L04S	3/5/2020	1358.10	300.77	1057.33
03S03E08L04S	7/14/2020	1358.10	300.50	1057.60
03S03E08M01S	10/21/2009	1348.10	196.00	1152.10
03S03E08M01S	3/30/2010	1348.10	203.40	1144.70
03S03E08M01S	11/6/2019	1348.10	215.14	1132.96
03S03E09M01S	4/24/2019	1338.52	480.57	857.95
03S03E09M01S	6/11/2019	1338.52	475.60	862.92
03S03E09M01S	6/13/2019	1338.52	475.28	863.24
03S03E09M01S	10/30/2019	1338.52	447.63	890.89
03S03E09M01S	3/5/2020	1338.52	445.13	893.39
03S03E09M01S	7/14/2020	1338.52	452.49	886.03
03S03E09M02S	4/24/2019	1338.52	478.38	860.14
03S03E09M02S	6/12/2019	1338.52	473.76	864.76
03S03E09M02S	6/13/2019	1338.52	473.51	865.01
03S03E09M02S	10/30/2019	1338.52	446.83	891.69
03S03E09M02S	3/5/2020	1338.52	443.20	895.32
03S03E09M02S	7/14/2020	1338.52	449.83	888.69
03S03E09M03S	4/24/2019	1338.52	475.33	863.19
03S03E09M03S	6/12/2019	1338.52	471.64	866.88
03S03E09M03S	6/13/2019	1338.52	471.45	867.07
03S03E09M03S	10/30/2019	1338.52	446.35	892.17
03S03E09M03S	3/5/2020	1338.52	440.74	897.78
03S03E09M03S	7/14/2020	1338.52	446.22	892.30
03S03E09M04S	4/24/2019	1338.52	473.86	864.66
03S03E09M04S	6/12/2019	1338.52	470.53	867.99
03S03E09M04S	6/13/2019	1338.52	470.36	868.16
03S03E09M04S	10/30/2019	1338.52	446.02	892.50
03S03E09M04S	3/5/2020	1338.52	439.44	899.08
03S03E09M04S	7/14/2020	1338.52	444.33	894.19
03S04E13N02S	10/21/2009	710.00	203.90	506.10
03S04E13N02S	3/19/2010	710.00	203.40	506.60
03S04E13N02S	8/17/2010	710.00	204.40	505.60
03S04E13N02S	1/2/2019	710.00	188.30	521.70
03S04E13N02S	2/19/2019	710.00	188.00	522.00
03S04E13N02S	9/17/2019	710.00	187.20	522.80
03S04E13N02S	1/9/2020	710.00	162.80	547.20
03S04E13N02S	2/21/2020	710.00	165.50	544.50
03S04E13N02S	6/9/2020	710.00	165.10	544.90
03S04E14J01S	10/5/2018	760.00	229.50	530.50

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
03S04E14J01S	12/6/2018	760.00	228.30	531.70
03S04E14J01S	6/13/2019	760.00	227.40	532.60
03S04E14J01S	12/30/2019	760.00	225.70	534.30
03S04E14J01S	6/9/2020	760.00	223.10	536.90
03S04E17K01S	10/16/2009	898.20	280.20	618.00
03S04E17K01S	3/30/2010	898.20	282.20	616.00
03S04E17K01S	8/17/2010	898.20	283.20	615.00
03S04E17K01S	1/2/2019	898.20	271.90	626.30
03S04E17K01S	2/19/2019	898.20	248.60	649.60
03S04E17K01S	7/22/2019	898.20	230.20	668.00
03S04E17K01S	10/14/2019	898.20	210.30	687.90
03S04E17K01S	2/24/2020	898.20	203.20	695.00
03S04E17K01S	6/5/2020	898.20	227.30	670.90
03S04E19L01S	10/12/2018	969.00	210.90	758.10
03S04E19L01S	11/20/2018	969.00	243.58	725.42
03S04E19L01S	12/13/2018	969.00	259.35	709.65
03S04E19L01S	1/28/2019	969.00	282.25	686.75
03S04E19L01S	2/26/2019	969.00	281.70	687.30
03S04E19L01S	3/15/2019	969.00	288.75	680.25
03S04E19L01S	4/18/2019	969.00	300.80	668.20
03S04E19L01S	5/16/2019	969.00	279.00	690.00
03S04E19L01S	6/26/2019	969.00	231.30	737.70
03S04E19L01S	7/24/2019	969.00	206.80	762.20
03S04E19L01S	8/21/2019	969.00	187.33	781.67
03S04E19L01S	9/23/2019	969.00	170.30	798.70
03S04E19L01S	10/23/2019	969.00	174.00	795.00
03S04E19L01S	11/18/2019	969.00	194.75	774.25
03S04E19L01S	1/8/2020	969.00	222.75	746.25
03S04E19L01S	2/12/2020	969.00	244.20	724.80
03S04E19L01S	3/30/2020	969.00	266.60	702.40
03S04E19L01S	4/22/2020	969.00	276.90	692.10
03S04E19L01S	5/26/2020	969.00	289.30	679.70
03S04E19L01S	6/29/2020	969.00	298.84	670.16
03S04E19L01S	7/20/2020	969.00	304.00	665.00
03S04E19L01S	8/20/2020	969.00	313.40	655.60
03S04E19L01S	9/15/2020	969.00	320.25	648.75
03S04E20F01S	5/1/2009	887.50	389.00	498.50
03S04E20F01S	10/2/2009	887.50	402.10	485.40
03S04E20F01S	11/6/2009	887.50	393.50	494.00
03S04E20F01S	12/4/2009	887.50	370.50	517.00
03S04E20F01S	1/8/2010	887.50	343.40	544.10
03S04E20F01S	2/5/2010	887.50	344.80	542.70
03S04E20F01S	3/5/2010	887.50	345.80	541.70
03S04E20F01S	4/9/2010	887.50	333.40	554.10
03S04E20F01S	5/7/2010	887.50	317.10	570.40
03S04E20F01S	6/18/2010	887.50	316.70	570.80
03S04E20F01S	7/2/2010	887.50	318.10	569.40
03S04E20F01S	8/6/2010	887.50	299.30	588.20
03S04E20F01S	9/3/2010	887.50	261.30	626.20
03S04E20F01S	10/24/2018	887.50	176.50	711.00
03S04E20F01S	11/30/2018	887.50	209.20	678.30
03S04E20F01S	12/31/2018	887.50	229.00	658.50
03S04E20F01S	1/25/2019	887.50	240.80	646.70
03S04E20F01S	2/28/2019	887.50	241.20	646.30
03S04E20F01S	3/28/2019	887.50	252.10	635.40
03S04E20F01S	4/26/2019	887.50	255.90	631.60
03S04E20F01S	5/31/2019	887.50	217.50	670.00
03S04E20F01S	7/26/2019	887.50	152.60	734.90
03S04E20F01S	10/15/2019	887.50	123.50	764.00
03S04E20F01S	2/28/2020	887.50	212.40	675.10

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
03S04E20F01S	7/6/2020	887.50	258.50	629.00
03S04E20F02S	12/4/2009	887.50	383.40	504.10
03S04E20F02S	1/18/2010	887.50	358.60	528.90
03S04E20F02S	2/5/2010	887.50	357.40	530.10
03S04E20F02S	3/5/2010	887.50	357.60	529.90
03S04E20F02S	4/9/2010	887.50	340.80	546.70
03S04E20F02S	5/7/2010	887.50	332.60	554.90
03S04E20F02S	6/18/2010	887.50	330.90	556.60
03S04E20F02S	7/2/2010	887.50	331.20	556.30
03S04E20F02S	8/6/2010	887.50	318.10	569.40
03S04E20F02S	9/3/2010	887.50	285.50	602.00
03S04E20F02S	10/24/2018	887.50	158.10	729.40
03S04E20F02S	11/30/2018	887.50	197.50	690.00
03S04E20F02S	12/31/2018	887.50	218.00	669.50
03S04E20F02S	1/25/2019	887.50	227.20	660.30
03S04E20F02S	2/28/2019	887.50	215.10	672.40
03S04E20F02S	3/28/2019	887.50	229.80	657.70
03S04E20F02S	4/26/2019	887.50	250.80	636.70
03S04E20F02S	5/31/2019	887.50	161.00	726.50
03S04E20F02S	7/26/2019	887.50	106.10	781.40
03S04E20F02S	10/14/2019	887.50	95.60	791.90
03S04E20F02S	2/28/2020	887.50	201.60	685.90
03S04E20F02S	7/6/2020	887.50	244.10	643.40
03S04E20F03S	5/1/2009	887.50	399.90	487.60
03S04E20F03S	10/2/2009	887.50	410.60	476.90
03S04E20F03S	11/6/2009	887.50	405.60	481.90
03S04E20F03S	12/4/2009	887.50	390.10	497.40
03S04E20F03S	1/8/2010	887.50	368.20	519.30
03S04E20F03S	2/5/2010	887.50	365.10	522.40
03S04E20F03S	3/5/2010	887.50	364.80	522.70
03S04E20F03S	4/9/2010	887.50	349.90	537.60
03S04E20F03S	5/7/2010	887.50	341.70	545.80
03S04E20F03S	6/18/2010	887.50	340.20	547.30
03S04E20F03S	7/2/2010	887.50	339.60	547.90
03S04E20F03S	8/6/2010	887.50	328.60	558.90
03S04E20F03S	9/3/2010	887.50	298.80	588.70
03S04E20F03S	10/24/2018	887.50	200.30	687.20
03S04E20F03S	11/30/2018	887.50	226.20	661.30
03S04E20F03S	12/31/2018	887.50	243.50	644.00
03S04E20F03S	1/25/2019	887.50	254.60	632.90
03S04E20F03S	2/28/2019	887.50	257.70	629.80
03S04E20F03S	3/28/2019	887.50	266.70	620.80
03S04E20F03S	4/26/2019	887.50	271.20	616.30
03S04E20F03S	5/31/2019	887.50	244.40	643.10
03S04E20F03S	7/26/2019	887.50	186.40	701.10
03S04E20F03S	10/14/2019	887.50	153.10	734.40
03S04E20F03S	2/28/2020	887.50	226.30	661.20
03S04E20F03S	7/6/2020	887.50	269.70	617.80
03S04E20J01S	5/1/2009	839.20	361.50	477.70
03S04E20J01S	10/2/2009	839.20	374.20	465.00
03S04E20J01S	11/6/2009	839.20	368.40	470.80
03S04E20J01S	12/4/2009	839.20	346.10	493.10
03S04E20J01S	1/8/2010	839.20	316.70	522.50
03S04E20J01S	2/5/2010	839.20	317.90	521.30
03S04E20J01S	3/5/2010	839.20	321.60	517.60
03S04E20J01S	4/9/2010	839.20	306.30	532.90
03S04E20J01S	5/7/2010	839.20	296.20	543.00
03S04E20J01S	6/18/2010	839.20	296.50	542.70
03S04E20J01S	7/2/2010	839.20	297.20	542.00
03S04E20J01S	8/6/2010	839.20	283.60	555.60

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
03S04E20J01S	9/3/2010	839.20	244.90	594.30
03S04E20J01S	10/24/2018	839.20	155.30	683.90
03S04E20J01S	11/30/2018	839.20	192.90	646.30
03S04E20J01S	12/31/2018	839.20	206.80	632.40
03S04E20J01S	1/25/2019	839.20	218.00	621.20
03S04E20J01S	2/28/2019	839.20	220.50	618.70
03S04E20J01S	3/28/2019	839.20	229.60	609.60
03S04E20J01S	4/26/2019	839.20	235.10	604.10
03S04E20J01S	5/31/2019	839.20	204.50	634.70
03S04E20J01S	7/26/2019	839.20	135.00	704.20
03S04E20J01S	10/15/2019	839.20	105.00	734.20
03S04E20J01S	2/28/2020	839.20	190.50	648.70
03S04E20J01S	7/6/2020	839.20	235.20	604.00
03S04E20J02S	5/1/2009	839.20	363.30	475.90
03S04E20J02S	10/2/2009	839.20	375.00	464.20
03S04E20J02S	11/6/2009	839.20	369.10	470.10
03S04E20J02S	12/4/2009	839.20	347.70	491.50
03S04E20J02S	1/8/2010	839.20	318.90	520.30
03S04E20J02S	2/5/2010	839.20	319.70	519.50
03S04E20J02S	3/5/2010	839.20	321.30	517.90
03S04E20J02S	4/9/2010	839.20	307.80	531.40
03S04E20J02S	5/7/2010	839.20	297.70	541.50
03S04E20J02S	6/18/2010	839.20	296.60	542.60
03S04E20J02S	7/2/2010	839.20	298.40	540.80
03S04E20J02S	8/6/2010	839.20	284.80	554.40
03S04E20J02S	9/3/2010	839.20	247.00	592.20
03S04E20J02S	10/24/2018	839.20	159.70	679.50
03S04E20J02S	11/30/2018	839.20	189.40	649.80
03S04E20J02S	12/31/2018	839.20	207.40	631.80
03S04E20J02S	1/25/2019	839.20	218.60	620.60
03S04E20J02S	2/28/2019	839.20	221.00	618.20
03S04E20J02S	3/28/2019	839.20	230.20	609.00
03S04E20J02S	4/26/2019	839.20	235.60	603.60
03S04E20J02S	5/31/2019	839.20	205.30	633.90
03S04E20J02S	7/26/2019	839.20	137.00	702.20
03S04E20J02S	10/14/2019	839.20	106.50	732.70
03S04E20J02S	2/28/2020	839.20	191.10	648.10
03S04E20J02S	7/6/2020	839.20	235.70	603.50
03S04E20J03S	5/1/2009	839.20	364.60	474.60
03S04E20J03S	10/2/2009	839.20	377.50	461.70
03S04E20J03S	11/6/2009	839.20	372.30	466.90
03S04E20J03S	12/4/2009	839.20	354.60	484.60
03S04E20J03S	1/8/2010	839.20	330.40	508.80
03S04E20J03S	2/5/2010	839.20	328.60	510.60
03S04E20J03S	3/5/2010	839.20	330.50	508.70
03S04E20J03S	4/9/2010	839.20	315.50	523.70
03S04E20J03S	5/7/2010	839.20	306.80	532.40
03S04E20J03S	6/18/2010	839.20	305.40	533.80
03S04E20J03S	7/2/2010	839.20	305.90	533.30
03S04E20J03S	8/6/2010	839.20	293.90	545.30
03S04E20J03S	9/3/2010	839.20	261.40	577.80
03S04E20J03S	10/24/2018	839.20	187.40	651.80
03S04E20J03S	11/30/2018	839.20	217.60	621.60
03S04E20J03S	12/31/2018	839.20	237.40	601.80
03S04E20J03S	1/25/2019	839.20	240.20	599.00
03S04E20J03S	2/28/2019	839.20	225.30	613.90
03S04E20J03S	3/28/2019	839.20	234.10	605.10
03S04E20J03S	4/26/2019	839.20	239.10	600.10
03S04E20J03S	5/31/2019	839.20	211.90	627.30
03S04E20J03S	7/26/2019	839.20	149.70	689.50

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
03S04E20J03S	10/14/2019	839.20	117.00	722.20
03S04E20J03S	2/28/2020	839.20	194.70	644.50
03S04E20J03S	7/6/2020	839.20	238.20	601.00
03S04E22A01S	10/16/2009	711.80	123.50	588.30
03S04E22A01S	8/18/2010	711.80	125.40	586.40
03S04E22A01S	1/2/2019	711.80	110.40	601.40
03S04E22A01S	2/19/2019	711.80	109.90	601.90
03S04E22A01S	7/22/2019	711.80	108.20	603.60
03S04E22A01S	10/14/2019	711.80	100.70	611.10
03S04E22A01S	2/24/2020	711.80	99.50	612.30
03S04E22A01S	7/27/2020	711.80	103.70	608.10
03S04E29F01S	5/1/2009	873.80	381.80	492.00
03S04E29F01S	10/2/2009	873.80	395.80	478.00
03S04E29F01S	11/6/2009	873.80	380.10	493.70
03S04E29F01S	12/4/2009	873.80	348.20	525.60
03S04E29F01S	1/8/2010	873.80	322.00	551.80
03S04E29F01S	2/5/2010	873.80	333.30	540.50
03S04E29F01S	3/5/2010	873.80	337.70	536.10
03S04E29F01S	4/9/2010	873.80	321.30	552.50
03S04E29F01S	5/7/2010	873.80	306.30	567.50
03S04E29F01S	6/18/2010	873.80	308.90	564.90
03S04E29F01S	7/2/2010	873.80	309.60	564.20
03S04E29F01S	8/6/2010	873.80	287.70	586.10
03S04E29F01S	9/3/2010	873.80	236.20	637.60
03S04E29F01S	10/24/2018	873.80	167.40	706.40
03S04E29F01S	11/30/2018	873.80	206.80	667.00
03S04E29F01S	12/31/2018	873.80	228.60	645.20
03S04E29F01S	1/25/2019	873.80	238.50	635.30
03S04E29F01S	2/28/2019	873.80	239.60	634.20
03S04E29F01S	3/28/2019	873.80	251.90	621.90
03S04E29F01S	4/26/2019	873.80	256.00	617.80
03S04E29F01S	5/31/2019	873.80	209.60	664.20
03S04E29F01S	7/26/2019	873.80	133.80	740.00
03S04E29F01S	10/14/2019	873.80	117.70	756.10
03S04E29F01S	2/28/2020	873.80	212.80	661.00
03S04E29F01S	7/6/2020	873.80	260.10	613.70
03S04E29R01S	5/1/2009	777.40	382.70	394.70
03S04E29R01S	10/2/2009	777.40	394.50	382.90
03S04E29R01S	11/6/2009	777.40	395.20	382.20
03S04E29R01S	12/4/2009	777.40	387.40	390.00
03S04E29R01S	1/8/2010	777.40	365.80	411.60
03S04E29R01S	2/5/2010	777.40	360.20	417.20
03S04E29R01S	3/5/2010	777.40	360.20	417.20
03S04E29R01S	4/9/2010	777.40	356.50	420.90
03S04E29R01S	5/7/2010	777.40	350.70	426.70
03S04E29R01S	6/18/2010	777.40	349.30	428.10
03S04E29R01S	7/2/2010	777.40	343.80	433.60
03S04E29R01S	8/6/2010	777.40	341.20	436.20
03S04E29R01S	9/3/2010	777.40	325.50	451.90
03S04E29R01S	10/24/2018	777.40	179.60	597.80
03S04E29R01S	11/30/2018	777.40	185.70	591.70
03S04E29R01S	12/31/2018	777.40	220.40	557.00
03S04E29R01S	1/25/2019	777.40	230.60	546.80
03S04E29R01S	2/28/2019	777.40	238.30	539.10
03S04E29R01S	3/28/2019	777.40	244.10	533.30
03S04E29R01S	4/26/2019	777.40	251.80	525.60
03S04E29R01S	5/31/2019	777.40	246.90	530.50
03S04E29R01S	7/26/2019	777.40	187.80	589.60
03S04E29R01S	10/14/2019	777.40	141.70	635.70
03S04E29R01S	2/28/2020	777.40	204.30	573.10

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
03S04E29R01S	7/6/2020	777.40	247.00	530.40
03S04E30C01S	5/22/2009	938.00	415.08	522.92
03S04E30C01S	10/16/2009	938.00	433.58	504.42
03S04E30C01S	11/6/2009	938.00	432.91	505.09
03S04E30C01S	12/14/2009	938.00	432.75	505.25
03S04E30C01S	1/22/2010	938.00	384.30	553.70
03S04E30C01S	2/4/2010	938.00	382.33	555.67
03S04E30C01S	4/23/2010	938.00	347.60	590.40
03S04E30C01S	5/25/2010	938.00	348.25	589.75
03S04E30C01S	6/25/2010	938.00	348.00	590.00
03S04E30C01S	7/16/2010	938.00	349.83	588.17
03S04E30C01S	8/19/2010	938.00	319.50	618.50
03S04E30C01S	9/24/2010	938.00	271.66	666.34
03S04E30C01S	10/12/2018	938.00	181.50	756.50
03S04E30C01S	11/20/2018	938.00	216.75	721.25
03S04E30C01S	12/13/2018	938.00	233.33	704.67
03S04E30C01S	1/29/2019	938.00	257.66	680.34
03S04E30C01S	2/26/2019	938.00	255.60	682.40
03S04E30C01S	3/15/2019	938.00	263.25	674.75
03S04E30C01S	4/18/2019	938.00	275.70	662.30
03S04E30C01S	5/16/2019	938.00	252.20	685.80
03S04E30C01S	6/26/2019	938.00	203.10	734.90
03S04E30C01S	7/24/2019	938.00	178.00	760.00
03S04E30C01S	8/21/2019	938.00	157.70	780.30
03S04E30C01S	9/23/2019	938.00	140.80	797.20
03S04E30C01S	10/23/2019	938.00	145.40	792.60
03S04E30C01S	11/18/2019	938.00	166.70	771.30
03S04E30C01S	1/3/2020	938.00	196.66	741.34
03S04E30C01S	2/28/2020	938.00	227.00	711.00
03S04E30C01S	3/30/2020	938.00	243.10	694.90
03S04E30C01S	4/22/2020	938.00	252.30	685.70
03S04E30C01S	5/26/2020	938.00	273.00	665.00
03S04E30C01S	6/29/2020	938.00	275.25	662.75
03S04E30C01S	7/20/2020	938.00	280.10	657.90
03S04E30C01S	8/20/2020	938.00	289.70	648.30
03S04E30C01S	9/15/2020	938.00	296.67	641.33
03S04E33H01S	5/22/2009	691.45	382.50	308.95
03S04E33H01S	10/16/2009	691.45	391.50	299.95
03S04E33H01S	11/20/2009	691.45	383.75	307.70
03S04E33H01S	12/16/2009	691.45	380.16	311.29
03S04E33H01S	1/22/2010	691.45	381.00	310.45
03S04E33H01S	2/19/2010	691.45	383.41	308.04
03S04E33H01S	3/12/2010	691.45	386.91	304.54
03S04E33H01S	4/27/2010	691.45	375.83	315.62
03S04E33H01S	5/24/2010	691.45	377.75	313.70
03S04E33H01S	6/28/2010	691.45	370.33	321.12
03S04E33H01S	7/26/2010	691.45	368.16	323.29
03S04E33H01S	8/24/2010	691.45	370.41	321.04
03S04E33H01S	9/29/2010	691.45	354.50	336.95
03S04E33H01S	10/12/2018	691.45	241.25	450.20
03S04E33H01S	11/20/2018	691.45	243.50	447.95
03S04E33H01S	12/13/2018	691.45	247.60	443.85
03S04E33H01S	1/28/2019	691.45	255.75	435.70
03S04E33H01S	2/26/2019	691.45	260.00	431.45
03S04E33H01S	3/15/2019	691.45	262.00	429.45
03S04E33H01S	4/17/2019	691.45	266.75	424.70
03S04E33H01S	5/16/2019	691.45	269.60	421.85
03S04E33H01S	6/26/2019	691.45	263.90	427.55
03S04E33H01S	7/24/2019	691.45	253.45	438.00
03S04E33H01S	8/21/2019	691.45	243.10	448.35

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03S04E33H01S	9/23/2019	691.45	231.00	460.45
03S04E33H01S	10/23/2019	691.45	221.00	470.45
03S04E33H01S	11/20/2019	691.45	219.00	472.45
03S04E33H01S	1/8/2020	691.45	223.00	468.45
03S04E33H01S	2/28/2020	691.45	232.16	459.29
03S04E33H01S	3/30/2020	691.45	233.90	457.55
03S04E33H01S	4/22/2020	691.45	239.40	452.05
03S04E33H01S	5/20/2020	691.45	248.50	442.95
03S04E33H01S	6/29/2020	691.45	253.60	437.85
03S04E33H01S	7/20/2020	691.45	258.70	432.75
03S04E33H01S	8/20/2020	691.45	263.50	427.95
03S04E33H01S	9/15/2020	691.45	267.50	423.95
03S04E34H01S	5/27/2009	622.83	359.00	263.83
03S04E34H01S	10/16/2009	622.83	362.83	260.00
03S04E34H01S	11/17/2009	622.83	367.83	255.00
03S04E34H01S	12/14/2009	622.83	368.50	254.33
03S04E34H01S	1/22/2010	622.83	364.00	258.83
03S04E34H01S	2/4/2010	622.83	359.83	263.00
03S04E34H01S	3/15/2010	622.83	357.25	265.58
03S04E34H01S	4/23/2010	622.83	361.33	261.50
03S04E34H01S	5/24/2010	622.83	362.75	260.08
03S04E34H01S	6/28/2010	622.83	359.66	263.17
03S04E34H01S	7/16/2010	622.83	359.91	262.92
03S04E34H01S	8/19/2010	622.83	360.88	261.95
03S04E34H01S	9/21/2010	622.83	358.25	264.58
03S04E34H01S	10/12/2018	622.83	268.66	354.17
03S04E34H01S	11/20/2018	622.83	269.40	353.43
03S04E34H01S	12/13/2018	622.83	269.30	353.53
03S04E34H01S	1/25/2019	622.83	270.15	352.68
03S04E34H01S	2/26/2019	622.83	272.15	350.68
03S04E34H01S	3/15/2019	622.83	272.15	350.68
03S04E34H01S	4/18/2019	622.83	275.70	347.13
03S04E34H01S	5/16/2019	622.83	276.25	346.58
03S04E34H01S	6/24/2019	622.83	273.50	349.33
03S04E34H01S	7/24/2019	622.83	271.58	351.25
03S04E34H01S	8/20/2019	622.83	264.25	358.58
03S04E34H01S	9/24/2019	622.83	258.10	364.73
03S04E34H01S	10/23/2019	622.83	253.90	368.93
03S04E34H01S	11/20/2019	622.83	250.50	372.33
03S04E34H01S	1/9/2020	622.83	249.00	373.83
03S04E34H01S	2/12/2020	622.83	249.50	373.33
03S04E34H01S	3/27/2020	622.83	253.70	369.13
03S04E34H01S	6/30/2020	622.83	262.00	360.83
03S04E34H01S	7/20/2020	622.83	264.20	358.63
03S04E34H01S	8/20/2020	622.83	267.90	354.93
03S04E34H01S	9/15/2020	622.83	268.16	354.67
03S04E34H02S	10/16/2009	618.98	367.16	251.82
03S04E34H02S	1/22/2010	618.98	363.58	255.40
03S04E34H02S	3/15/2010	618.98	365.16	253.82
03S04E34H02S	7/16/2010	618.98	364.83	254.15
03S04E34H02S	8/19/2010	618.98	367.08	251.90
03S04E34H02S	9/21/2010	618.98	358.00	260.98
03S04E34H02S	4/18/2019	618.98	273.70	345.28
03S04E34H02S	9/24/2019	618.98	268.40	350.58
03S04E34H02S	4/22/2020	618.98	249.58	369.40
03S04E34H02S	9/15/2020	618.98	261.58	357.40
03S04E34R01S	5/21/2009	610.69	359.86	250.83
03S04E34R01S	10/29/2009	610.69	365.95	244.74
03S04E34R01S	11/17/2009	610.69	368.11	242.58
03S04E34R01S	12/16/2009	610.69	366.95	243.74

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03S04E34R01S	1/22/2010	610.69	360.36	250.33
03S04E34R01S	2/4/2010	610.69	361.40	249.29
03S04E34R01S	3/15/2010	610.69	357.11	253.58
03S04E34R01S	4/26/2010	610.69	362.36	248.33
03S04E34R01S	6/28/2010	610.69	363.20	247.49
03S04E34R01S	7/26/2010	610.69	358.70	251.99
03S04E34R01S	9/28/2010	610.69	356.50	254.19
03S04E34R01S	10/25/2018	610.69	274.36	336.33
03S04E34R01S	11/21/2018	610.69	273.55	337.14
03S04E34R01S	12/13/2018	610.69	274.60	336.09
03S04E34R01S	1/25/2019	610.69	273.10	337.59
03S04E34R01S	2/26/2019	610.69	275.40	335.29
03S04E34R01S	3/15/2019	610.69	272.20	338.49
03S04E34R01S	4/17/2019	610.69	277.28	333.41
03S04E34R01S	5/16/2019	610.69	277.30	333.39
03S04E34R01S	6/24/2019	610.69	277.70	332.99
03S04E34R01S	8/20/2019	610.69	270.50	340.19
03S04E34R01S	9/24/2019	610.69	265.05	345.64
03S04E34R01S	10/22/2019	610.69	261.70	348.99
03S04E34R01S	11/20/2019	610.69	256.40	354.29
03S04E34R01S	2/28/2020	610.69	254.70	355.99
03S04E34R01S	4/2/2020	610.69	256.60	354.09
03S04E34R01S	7/20/2020	610.69	262.70	347.99
03S04E34R01S	8/20/2020	610.69	265.80	344.89
03S04E35J01S	5/27/2009	551.74	319.66	232.08
03S04E35J01S	10/22/2009	551.74	326.91	224.83
03S04E35J01S	12/15/2009	551.74	328.50	223.24
03S04E35J01S	1/26/2010	551.74	327.50	224.24
03S04E35J01S	2/12/2010	551.74	326.41	225.33
03S04E35J01S	3/15/2010	551.74	327.25	224.49
03S04E35J01S	4/26/2010	551.74	329.33	222.41
03S04E35J01S	7/23/2010	551.74	326.91	224.83
03S04E35J01S	8/19/2010	551.74	328.83	222.91
03S04E35J01S	9/28/2010	551.74	326.66	225.08
03S04E35J01S	10/10/2018	551.74	258.66	293.08
03S04E35J01S	11/20/2018	551.74	257.00	294.74
03S04E35J01S	12/13/2018	551.74	255.00	296.74
03S04E35J01S	1/25/2019	551.74	254.41	297.33
03S04E35J01S	2/26/2019	551.74	253.30	298.44
03S04E35J01S	3/13/2019	551.74	253.67	298.07
03S04E35J01S	4/17/2019	551.74	257.50	294.24
03S04E35J01S	5/16/2019	551.74	254.00	297.74
03S04E35J01S	6/24/2019	551.74	251.83	299.91
03S04E35J01S	7/24/2019	551.74	275.20	276.54
03S04E35J01S	8/20/2019	551.74	251.33	300.41
03S04E35J01S	9/23/2019	551.74	249.60	302.14
03S04E35J01S	10/22/2019	551.74	240.66	311.08
03S04E35J01S	11/18/2019	551.74	236.40	315.34
03S04E35J01S	1/8/2020	551.74	233.33	318.41
03S04E35J01S	2/19/2020	551.74	237.20	314.54
03S04E35J01S	2/28/2020	551.74	231.91	319.83
03S04E35J01S	3/27/2020	551.74	232.50	319.24
03S04E35J01S	4/22/2020	551.74	239.20	312.54
03S04E35J01S	5/26/2020	551.74	239.66	312.08
03S04E35J01S	6/15/2020	551.74	237.51	314.23
03S04E35J01S	7/17/2020	551.74	240.75	310.99
03S04E35J01S	8/17/2020	551.74	245.00	306.74
03S04E35J01S	9/14/2020	551.74	245.00	306.74
03S04E35J02S	5/27/2009	560.81	327.66	233.15
03S04E35J02S	11/17/2009	560.81	337.66	223.15

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
03S04E35J02S	12/14/2009	560.81	341.00	219.81
03S04E35J02S	1/26/2010	560.81	339.75	221.06
03S04E35J02S	2/12/2010	560.81	338.33	222.48
03S04E35J02S	3/15/2010	560.81	339.00	221.81
03S04E35J02S	4/26/2010	560.81	336.83	223.98
03S04E35J02S	7/23/2010	560.81	338.08	222.73
03S04E35J02S	8/19/2010	560.81	340.66	220.15
03S04E35J02S	9/28/2010	560.81	329.50	231.31
03S04E35J02S	10/11/2018	560.81	257.50	303.31
03S04E35J02S	11/21/2018	560.81	255.91	304.90
03S04E35J02S	12/13/2018	560.81	252.58	308.23
03S04E35J02S	1/25/2019	560.81	250.70	310.11
03S04E35J02S	2/26/2019	560.81	251.00	309.81
03S04E35J02S	3/13/2019	560.81	251.25	309.56
03S04E35J02S	4/17/2019	560.81	251.25	309.56
03S04E35J02S	5/16/2019	560.81	253.50	307.31
03S04E35J02S	6/24/2019	560.81	253.58	307.23
03S04E35J02S	7/23/2019	560.81	255.42	305.39
03S04E35J02S	8/20/2019	560.81	250.91	309.90
03S04E35J02S	9/23/2019	560.81	246.83	313.98
03S04E35J02S	10/22/2019	560.81	243.16	317.65
03S04E35J02S	11/18/2019	560.81	240.16	320.65
03S04E35J02S	1/8/2020	560.81	235.05	325.76
03S04E35J02S	2/25/2020	560.81	232.80	328.01
03S04E35J02S	3/27/2020	560.81	232.50	328.31
03S04E35J02S	4/22/2020	560.81	232.50	328.31
03S04E35J02S	5/24/2020	560.81	233.50	327.31
03S04E35J02S	6/15/2020	560.81	234.50	326.31
03S04E35J02S	7/17/2020	560.81	237.33	323.48
03S04E35J02S	9/14/2020	560.81	244.50	316.31
03S04E35R01S	4/22/2019	543.00	236.50	306.50
03S04E35R01S	9/23/2019	543.00	230.60	312.40
03S04E35R01S	5/1/2020	543.00	233.80	309.20
03S04E35R01S	9/15/2020	543.00	243.66	299.34
03S04E35R02S	10/29/2009	546.85	319.08	227.77
03S04E35R02S	11/20/2009	546.85	322.00	224.85
03S04E35R02S	12/15/2009	546.85	321.33	225.52
03S04E35R02S	1/25/2010	546.85	320.50	226.35
03S04E35R02S	2/22/2010	546.85	319.25	227.60
03S04E35R02S	3/15/2010	546.85	324.50	222.35
03S04E35R02S	4/26/2010	546.85	322.16	224.69
03S04E35R02S	5/24/2010	546.85	321.41	225.44
03S04E35R02S	6/24/2010	546.85	323.16	223.69
03S04E35R02S	7/16/2010	546.85	323.83	223.02
03S04E35R02S	8/20/2010	546.85	322.91	223.94
03S04E35R02S	9/28/2010	546.85	320.25	226.60
03S04E35R02S	10/25/2018	546.85	251.16	295.69
03S04E35R02S	11/20/2018	546.85	249.80	297.05
03S04E35R02S	12/13/2018	546.85	246.90	299.95
03S04E35R02S	1/25/2019	546.85	245.90	300.95
03S04E35R02S	2/26/2019	546.85	240.30	306.55
03S04E35R02S	3/14/2019	546.85	244.85	302.00
03S04E35R02S	4/22/2019	546.85	250.33	296.52
03S04E35R02S	5/16/2019	546.85	246.90	299.95
03S04E35R02S	6/25/2019	546.85	247.10	299.75
03S04E35R02S	8/20/2019	546.85	245.20	301.65
03S04E35R02S	9/23/2019	546.85	245.60	301.25
03S04E35R02S	10/23/2019	546.85	238.90	307.95
03S04E35R02S	11/20/2019	546.85	234.50	312.35
03S04E35R02S	1/8/2020	546.85	231.16	315.69

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
03S04E35R02S	2/28/2020	546.85	228.49	318.36
03S04E35R02S	3/27/2020	546.85	237.20	309.65
03S04E35R02S	4/22/2020	546.85	230.00	316.85
03S04E35R02S	5/26/2020	546.85	231.50	315.35
03S04E35R02S	6/15/2020	546.85	231.25	315.60
03S04E35R02S	8/17/2020	546.85	234.41	312.44
03S04E35R02S	9/19/2020	546.85	234.00	312.85
03S04E36M01S	11/17/2009	546.82	326.31	220.51
03S04E36M01S	2/22/2010	546.82	260.56	286.26
03S04E36M01S	8/31/2010	546.82	321.90	224.92
03S04E36M01S	9/24/2010	546.82	323.06	223.76
03S04E36M01S	4/17/2019	546.82	244.23	302.59
03S04E36M01S	9/24/2019	546.82	240.15	306.67
03S04E36M01S	4/22/2020	546.82	226.00	320.82
03S04E36M01S	4/22/2020	546.82	226.00	320.82
03S04E36M01S	9/16/2020	546.82	233.48	313.34
03S04E36M01S	9/16/2020	546.82	233.48	313.34
03S04E36Q01S	5/19/2009	516.50	301.33	215.17
03S04E36Q01S	10/21/2009	516.50	301.05	215.45
03S04E36Q01S	12/15/2009	516.50	303.41	213.09
03S04E36Q01S	2/12/2010	516.50	311.83	204.67
03S04E36Q01S	3/15/2010	516.50	308.75	207.75
03S04E36Q01S	4/26/2010	516.50	308.66	207.84
03S04E36Q01S	5/24/2010	516.50	308.25	208.25
03S04E36Q01S	9/24/2010	516.50	307.16	209.34
03S04E36Q01S	10/12/2018	516.50	245.66	270.84
03S04E36Q01S	11/20/2018	516.50	245.05	271.45
03S04E36Q01S	12/13/2018	516.50	241.85	274.65
03S04E36Q01S	1/25/2019	516.50	240.25	276.25
03S04E36Q01S	2/26/2019	516.50	239.55	276.95
03S04E36Q01S	3/15/2019	516.50	239.41	277.09
03S04E36Q01S	4/22/2019	516.50	240.55	275.95
03S04E36Q01S	5/16/2019	516.50	241.75	274.75
03S04E36Q01S	6/25/2019	516.50	241.15	275.35
03S04E36Q01S	7/24/2019	516.50	239.41	277.09
03S04E36Q01S	8/20/2019	516.50	236.85	279.65
03S04E36Q01S	9/23/2019	516.50	236.55	279.95
03S04E36Q01S	10/23/2019	516.50	233.35	283.15
03S04E36Q01S	11/20/2019	516.50	229.40	287.10
03S04E36Q01S	1/9/2020	516.50	227.33	289.17
03S04E36Q01S	2/25/2020	516.50	226.95	289.55
03S04E36Q01S	4/22/2020	516.50	223.95	292.55
03S04E36Q01S	5/26/2020	516.50	225.45	291.05
03S04E36Q01S	6/15/2020	516.50	226.05	290.45
03S04E36Q01S	8/17/2020	516.50	228.66	287.84
03S04E36Q01S	9/14/2020	516.50	229.25	287.25
03S04E36Q02S	12/15/2009	519.00	305.92	213.08
03S04E36Q02S	1/25/2010	519.00	306.92	212.08
03S04E36Q02S	2/12/2010	519.00	304.58	214.42
03S04E36Q02S	3/15/2010	519.00	305.75	213.25
03S04E36Q02S	4/26/2010	519.00	307.92	211.08
03S04E36Q02S	4/22/2019	519.00	240.12	278.88
03S04E36Q02S	9/23/2019	519.00	235.42	283.58
03S04E36Q02S	4/22/2020	519.00	239.62	279.38
03S04E36Q02S	9/15/2020	519.00	231.02	287.98
03S05E30G01S	10/21/2009	587.10	202.60	384.50
03S05E30G01S	4/16/2010	587.10	201.20	385.90
03S05E30G01S	8/18/2010	587.10	203.20	383.90
03S05E30G01S	1/2/2019	587.10	203.90	383.20
03S05E30G01S	2/19/2019	587.10	204.00	383.10

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
03S05E30G01S	7/22/2019	587.10	203.50	383.60
03S05E30G01S	10/14/2019	587.10	203.40	383.70
03S05E30G01S	2/24/2020	587.10	203.10	384.00
03S05E30G01S	6/5/2020	587.10	202.90	384.20
04S04E02B01S	5/27/2009	564.18	331.99	232.19
04S04E02B01S	10/29/2009	564.18	338.99	225.19
04S04E02B01S	11/20/2009	564.18	341.83	222.35
04S04E02B01S	12/15/2009	564.18	340.33	223.85
04S04E02B01S	2/4/2010	564.18	337.16	227.02
04S04E02B01S	3/15/2010	564.18	335.01	229.17
04S04E02B01S	4/27/2010	564.18	339.33	224.85
04S04E02B01S	5/24/2010	564.18	343.24	220.94
04S04E02B01S	9/28/2010	564.18	343.49	220.69
04S04E02B01S	10/24/2018	564.18	271.33	292.85
04S04E02B01S	11/20/2018	564.18	269.73	294.45
04S04E02B01S	12/13/2018	564.18	268.43	295.75
04S04E02B01S	1/25/2019	564.18	266.63	297.55
04S04E02B01S	2/25/2019	564.18	266.73	297.45
04S04E02B01S	3/15/2019	564.18	266.33	297.85
04S04E02B01S	4/17/2019	564.18	267.41	296.77
04S04E02B01S	5/16/2019	564.18	268.03	296.15
04S04E02B01S	6/24/2019	564.18	268.08	296.10
04S04E02B01S	7/24/2019	564.18	267.49	296.69
04S04E02B01S	8/20/2019	564.18	265.63	298.55
04S04E02B01S	9/24/2019	564.18	261.68	302.50
04S04E02B01S	10/23/2019	564.18	259.43	304.75
04S04E02B01S	11/20/2019	564.18	255.53	308.65
04S04E02B01S	1/8/2020	564.18	252.33	311.85
04S04E02B01S	2/27/2020	564.18	250.41	313.77
04S04E02B01S	3/27/2020	564.18	259.63	304.55
04S04E02B01S	4/22/2020	564.18	250.00	314.18
04S04E02B01S	6/15/2020	564.18	251.66	312.52
04S04E02B01S	7/17/2020	564.18	254.16	310.02
04S04E02B01S	8/17/2020	564.18	256.33	307.85
04S04E02B01S	9/15/2020	564.18	257.92	306.26
04S04E11Q01S	5/21/2009	468.25	263.45	204.80
04S04E11Q01S	10/22/2009	468.25	265.36	202.89
04S04E11Q01S	11/6/2009	468.25	265.45	202.80
04S04E11Q01S	12/16/2009	468.25	267.61	200.64
04S04E11Q01S	1/25/2010	468.25	271.03	197.22
04S04E11Q01S	2/12/2010	468.25	271.11	197.14
04S04E11Q01S	3/15/2010	468.25	271.45	196.80
04S04E11Q01S	4/26/2010	468.25	272.03	196.22
04S04E11Q01S	5/24/2010	468.25	273.20	195.05
04S04E11Q01S	6/28/2010	468.25	272.70	195.55
04S04E11Q01S	7/14/2010	468.25	275.28	192.97
04S04E11Q01S	8/23/2010	468.25	276.36	191.89
04S04E11Q01S	9/21/2010	468.25	273.11	195.14
04S04E11Q01S	10/24/2018	468.25	227.95	240.30
04S04E11Q01S	11/20/2018	468.25	226.40	241.85
04S04E11Q01S	12/13/2018	468.25	225.49	242.76
04S04E11Q01S	1/29/2019	468.25	223.36	244.89
04S04E11Q01S	2/26/2019	468.25	221.78	246.47
04S04E11Q01S	3/18/2019	468.25	221.11	247.14
04S04E11Q01S	4/18/2019	468.25	215.30	252.95
04S04E11Q01S	5/17/2019	468.25	219.20	249.05
04S04E11Q01S	6/24/2019	468.25	218.45	249.80
04S04E11Q01S	7/24/2019	468.25	219.40	248.85
04S04E11Q01S	8/21/2019	468.25	219.50	248.75
04S04E11Q01S	11/18/2019	468.25	214.03	254.22

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S04E11Q01S	1/8/2020	468.25	210.95	257.30
04S04E11Q01S	2/27/2020	468.25	208.20	260.05
04S04E11Q01S	3/30/2020	468.25	206.86	261.39
04S04E11Q01S	4/27/2020	468.25	207.80	260.45
04S04E11Q01S	5/26/2020	468.25	204.28	263.97
04S04E11Q01S	6/15/2020	468.25	203.79	264.46
04S04E11Q01S	9/18/2020	468.25	202.30	265.95
04S04E11Q02S	5/21/2009	469.21	261.99	207.22
04S04E11Q02S	10/22/2009	469.21	267.24	201.97
04S04E11Q02S	11/6/2009	469.21	267.66	201.55
04S04E11Q02S	12/16/2009	469.21	269.99	199.22
04S04E11Q02S	1/25/2010	469.21	272.58	196.63
04S04E11Q02S	2/12/2010	469.21	273.33	195.88
04S04E11Q02S	3/15/2010	469.21	273.24	195.97
04S04E11Q02S	4/26/2010	469.21	270.58	198.63
04S04E11Q02S	5/24/2010	469.21	272.74	196.47
04S04E11Q02S	6/28/2010	469.21	271.61	197.60
04S04E11Q02S	7/14/2010	469.21	276.66	192.55
04S04E11Q02S	8/23/2010	469.21	275.24	193.97
04S04E11Q02S	9/21/2010	469.21	272.16	197.05
04S04E11Q02S	4/18/2019	469.21	219.23	249.98
04S04E11Q02S	9/24/2019	469.21	211.99	257.22
04S04E11Q02S	4/22/2020	469.21	211.13	258.08
04S04E11Q02S	9/16/2020	469.21	199.13	270.08
04S04E13C01S	12/16/2009	454.11	266.00	188.11
04S04E13C01S	1/26/2010	454.11	268.25	185.86
04S04E13C01S	3/15/2010	454.11	264.50	189.61
04S04E13C01S	4/26/2010	454.11	266.83	187.28
04S04E13C01S	5/24/2010	454.11	269.00	185.11
04S04E13C01S	10/24/2018	454.11	225.50	228.61
04S04E13C01S	11/20/2018	454.11	223.25	230.86
04S04E13C01S	12/13/2018	454.11	222.90	231.21
04S04E13C01S	1/29/2019	454.11	218.41	235.70
04S04E13C01S	2/26/2019	454.11	218.50	235.61
04S04E13C01S	3/18/2019	454.11	216.00	238.11
04S04E13C01S	4/18/2019	454.11	207.25	246.86
04S04E13C01S	5/17/2019	454.11	214.91	239.20
04S04E13C01S	6/25/2019	454.11	213.58	240.53
04S04E13C01S	7/24/2019	454.11	214.16	239.95
04S04E13C01S	8/21/2019	454.11	212.66	241.45
04S04E13C01S	9/23/2019	454.11	211.08	243.03
04S04E13C01S	10/24/2019	454.11	210.25	243.86
04S04E13C01S	11/20/2019	454.11	209.60	244.51
04S04E13C01S	1/9/2020	454.11	208.00	246.11
04S04E13C01S	2/27/2020	454.11	202.83	251.28
04S04E13C01S	4/30/2020	454.11	204.80	249.31
04S04E13C01S	7/21/2020	454.11	204.90	249.21
04S04E13C01S	8/19/2020	454.11	202.00	252.11
04S04E13C01S	9/16/2020	454.11	202.75	251.36
04S04E13H01S	11/13/2009	418.00	239.80	178.20
04S04E13H01S	4/30/2010	418.00	240.50	177.50
04S04E13H01S	8/20/2010	418.00	239.90	178.10
04S04E13P01S	11/13/2009	410.00	231.30	178.70
04S04E13P01S	4/30/2010	410.00	232.10	177.90
04S04E13P01S	8/20/2010	410.00	234.10	175.90
04S04E14Q01S	5/14/2009	424.11	233.83	190.28
04S04E14Q01S	10/22/2009	424.11	234.00	190.11
04S04E14Q01S	11/5/2009	424.11	233.83	190.28
04S04E14Q01S	12/16/2009	424.11	240.66	183.45
04S04E14Q01S	1/25/2010	424.11	242.83	181.28

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S04E14Q01S	2/12/2010	424.11	243.08	181.03
04S04E14Q01S	3/15/2010	424.11	245.16	178.95
04S04E14Q01S	4/28/2010	424.11	244.33	179.78
04S04E14Q01S	5/24/2010	424.11	245.41	178.70
04S04E14Q01S	9/24/2019	424.11	202.41	221.70
04S04E14Q01S	5/1/2020	424.11	194.00	230.11
04S04E14Q01S	9/15/2020	424.11	190.00	234.11
04S04E14R01S	10/29/2009	415.60	242.33	173.27
04S04E14R01S	12/16/2009	415.60	244.33	171.27
04S04E14R01S	6/28/2010	415.60	252.66	162.94
04S04E14R01S	8/31/2010	415.60	252.16	163.44
04S04E14R01S	9/21/2010	415.60	251.58	164.02
04S04E14R01S	10/22/2018	415.60	209.58	206.02
04S04E14R01S	12/13/2018	415.60	206.50	209.10
04S04E14R01S	1/25/2019	415.60	204.83	210.77
04S04E14R01S	2/26/2019	415.60	203.83	211.77
04S04E14R01S	3/14/2019	415.60	203.42	212.18
04S04E14R01S	4/18/2019	415.60	202.00	213.60
04S04E14R01S	5/17/2019	415.60	202.20	213.40
04S04E14R01S	6/24/2019	415.60	201.67	213.93
04S04E14R01S	7/24/2019	415.60	200.29	215.31
04S04E14R01S	8/21/2019	415.60	201.60	214.00
04S04E14R01S	9/24/2019	415.60	197.50	218.10
04S04E14R01S	10/24/2019	610.69	197.83	412.86
04S04E14R01S	10/24/2019	415.60	197.83	217.77
04S04E14R01S	11/19/2019	610.69	196.83	413.86
04S04E14R01S	11/19/2019	415.60	196.83	218.77
04S04E14R01S	1/8/2020	610.69	193.91	416.78
04S04E14R01S	2/27/2020	610.69	190.16	420.53
04S04E14R01S	3/30/2020	610.69	191.25	419.44
04S04E14R01S	4/27/2020	610.69	190.30	420.39
04S04E14R01S	5/26/2020	610.69	189.50	421.19
04S04E14R01S	6/29/2020	610.69	189.33	421.36
04S04E14R01S	9/15/2020	610.69	189.20	421.49
04S04E15J01S	11/13/2009	1000.00	254.50	745.50
04S04E15J01S	8/20/2010	1000.00	260.90	739.10
04S04E23E01S	5/27/2009	435.53	251.58	183.95
04S04E23E01S	10/23/2009	435.53	257.42	178.11
04S04E23E01S	11/17/2009	435.53	256.20	179.33
04S04E23E01S	12/15/2009	435.53	258.08	177.45
04S04E23E01S	1/26/2010	435.53	257.58	177.95
04S04E23E01S	2/12/2010	435.53	258.42	177.11
04S04E23E01S	3/15/2010	435.53	258.08	177.45
04S04E23E01S	4/26/2010	435.53	258.67	176.86
04S04E23E01S	5/25/2010	435.53	259.92	175.61
04S04E23E01S	6/22/2010	435.53	261.08	174.45
04S04E23E01S	7/26/2010	435.53	261.50	174.03
04S04E23E01S	8/24/2010	435.53	260.20	175.33
04S04E23E01S	9/30/2010	435.53	256.75	178.78
04S04E23E01S	4/18/2019	435.53	225.22	210.31
04S04E23E01S	9/23/2019	435.53	214.12	221.41
04S04E23E01S	4/30/2020	435.53	206.58	228.95
04S04E23E01S	4/30/2020	435.53	206.58	228.95
04S04E23E01S	9/16/2020	435.53	201.75	233.78
04S04E23E01S	9/16/2020	435.53	201.75	233.78
04S04E24D01S	12/15/2009	400.97	236.03	164.94
04S04E24D01S	1/26/2010	400.97	234.03	166.94
04S04E24D01S	2/12/2010	400.97	234.20	166.77
04S04E24D01S	3/15/2010	400.97	233.03	167.94
04S04E24D01S	4/26/2010	400.97	233.70	167.27

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S04E24D01S	8/24/2010	400.97	235.36	165.61
04S04E24D01S	9/29/2010	400.97	236.70	164.27
04S04E24D01S	10/25/2018	400.97	200.60	200.37
04S04E24D01S	11/21/2018	400.97	200.00	200.97
04S04E24D01S	1/25/2019	400.97	195.78	205.19
04S04E24D01S	2/26/2019	400.97	195.45	205.52
04S04E24D01S	3/14/2019	400.97	194.60	206.37
04S04E24D01S	5/16/2019	400.97	192.50	208.47
04S04E24D01S	6/26/2019	400.97	193.10	207.87
04S04E24D01S	7/24/2019	400.97	192.15	208.82
04S04E24D01S	8/21/2019	400.97	193.60	207.37
04S04E24D01S	9/23/2019	400.97	189.20	211.77
04S04E24D01S	10/24/2019	400.97	189.55	211.42
04S04E24D01S	11/18/2019	400.97	188.40	212.57
04S04E24D01S	1/9/2020	400.97	185.40	215.57
04S04E24D01S	2/25/2020	400.97	184.30	216.67
04S04E24D01S	3/30/2020	400.97	183.20	217.77
04S04E24D01S	4/30/2020	400.97	182.20	218.77
04S04E24D01S	5/27/2020	400.97	181.78	219.19
04S04E24D01S	6/15/2020	400.97	184.61	216.36
04S04E24D01S	8/17/2020	400.97	180.03	220.94
04S04E24D01S	9/15/2020	400.97	179.40	221.57
04S04E24E01S	10/21/2009	403.66	221.16	182.50
04S04E24E01S	12/15/2009	403.66	221.26	182.40
04S04E24E01S	1/25/2010	403.66	222.07	181.59
04S04E24E01S	2/12/2010	403.66	221.82	181.84
04S04E24E01S	3/9/2010	403.66	224.82	178.84
04S04E24E01S	4/26/2010	403.66	224.16	179.50
04S04E24E01S	4/18/2019	403.66	201.16	202.50
04S04E24E01S	9/24/2019	403.66	196.66	207.00
04S04E24E01S	4/30/2020	403.66	185.66	218.00
04S04E24E01S	9/15/2020	403.66	182.66	221.00
04S04E24H01S	5/28/2009	380.97	208.25	172.72
04S04E24H01S	10/22/2009	380.97	210.66	170.31
04S04E24H01S	11/6/2009	380.97	214.11	166.86
04S04E24H01S	12/16/2009	380.97	215.83	165.14
04S04E24H01S	1/26/2010	380.97	217.50	163.47
04S04E24H01S	2/12/2010	380.97	217.33	163.64
04S04E24H01S	3/9/2010	380.97	218.16	162.81
04S04E24H01S	4/26/2010	380.97	218.66	162.31
04S04E24H01S	5/24/2010	380.97	216.53	164.44
04S04E24H01S	6/22/2010	380.97	219.58	161.39
04S04E24H01S	8/25/2010	380.97	219.41	161.56
04S04E24H01S	9/29/2010	380.97	219.16	161.81
04S04E24H01S	10/22/2018	380.97	185.80	195.17
04S04E24H01S	11/21/2018	380.97	184.15	196.82
04S04E24H01S	12/13/2018	380.97	184.20	196.77
04S04E24H01S	1/25/2019	380.97	181.95	199.02
04S04E24H01S	2/26/2019	380.97	180.75	200.22
04S04E24H01S	3/14/2019	380.97	179.70	201.27
04S04E24H01S	4/19/2019	380.97	179.90	201.07
04S04E24H01S	5/16/2019	380.97	179.02	201.95
04S04E24H01S	6/26/2019	380.97	178.20	202.77
04S04E24H01S	7/24/2019	380.97	178.40	202.57
04S04E24H01S	8/21/2019	380.97	177.10	203.87
04S04E24H01S	9/23/2019	380.97	175.80	205.17
04S04E24H01S	10/23/2019	380.97	177.30	203.67
04S04E24H01S	11/19/2019	380.97	174.40	206.57
04S04E24H01S	1/8/2020	380.97	170.66	210.31
04S04E24H01S	2/27/2020	380.97	169.58	211.39

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S04E24H01S	3/30/2020	380.97	167.00	213.97
04S04E24H01S	4/30/2020	380.97	168.90	212.07
04S04E24H01S	5/27/2020	380.97	166.25	214.72
04S04E24H01S	6/29/2020	380.97	165.70	215.27
04S04E24H01S	8/19/2020	380.97	166.75	214.22
04S04E24H01S	9/16/2020	380.97	166.70	214.27
04S04E25C01S	6/28/2010	416.54	241.42	175.12
04S04E25C01S	7/26/2010	416.54	246.75	169.79
04S04E25C01S	10/11/2018	416.54	211.50	205.04
04S04E25C01S	11/21/2018	416.54	210.02	206.52
04S04E25C01S	12/14/2018	416.54	210.42	206.12
04S04E25C01S	1/28/2019	416.54	208.92	207.62
04S04E25C01S	2/26/2019	416.54	205.42	211.12
04S04E25C01S	3/14/2019	416.54	205.02	211.52
04S04E25C01S	4/19/2019	416.54	205.17	211.37
04S04E25C01S	5/16/2019	416.54	201.52	215.02
04S04E25C01S	6/25/2019	416.54	201.92	214.62
04S04E25C01S	7/24/2019	416.54	201.07	215.47
04S04E25C01S	8/21/2019	416.54	200.00	216.54
04S04E25C01S	9/23/2019	416.54	197.12	219.42
04S04E25C01S	10/23/2019	416.54	199.42	217.12
04S04E25C01S	11/19/2019	416.54	197.72	218.82
04S04E25C01S	1/9/2020	416.54	194.09	222.45
04S04E25C01S	2/21/2020	416.54	191.92	224.62
04S04E25C01S	3/30/2020	416.54	191.08	225.46
04S04E25C01S	4/30/2020	416.54	189.67	226.87
04S04E25C01S	5/26/2020	416.54	191.42	225.12
04S04E25C01S	6/15/2020	416.54	191.82	224.72
04S04E25C01S	8/19/2020	416.54	190.09	226.45
04S04E25C01S	9/15/2020	416.54	190.42	226.12
04S04E25D02S	10/29/2009	423.14	252.83	170.31
04S04E25D02S	12/16/2009	423.14	253.66	169.48
04S04E25D02S	1/26/2010	423.14	251.08	172.06
04S04E25D02S	2/12/2010	423.14	252.74	170.40
04S04E25D02S	4/26/2010	423.14	252.83	170.31
04S04E25D02S	4/19/2019	423.14	220.13	203.01
04S04E25D02S	6/25/2019	423.14	216.63	206.51
04S04E25D02S	9/23/2019	423.14	213.03	210.11
04S04E25D02S	1/9/2020	423.14	208.91	214.23
04S04E25D02S	4/29/2020	423.14	207.03	216.11
04S04E25D02S	9/15/2020	423.14	205.43	217.71
04S04E26A01S	4/26/2010	433.05	263.50	169.55
04S04E26A01S	10/10/2018	433.05	235.41	197.64
04S04E26A01S	11/21/2018	433.05	234.16	198.89
04S04E26A01S	12/14/2018	433.05	234.30	198.75
04S04E26A01S	1/25/2019	433.05	232.16	200.89
04S04E26A01S	2/26/2019	433.05	238.00	195.05
04S04E26A01S	3/1/2019	433.05	230.45	202.60
04S04E26A01S	3/14/2019	433.05	230.16	202.89
04S04E26A01S	4/18/2019	433.05	228.50	204.55
04S04E26A01S	5/17/2019	433.05	225.66	207.39
04S04E26A01S	6/25/2019	433.05	224.25	208.80
04S04E26A01S	7/24/2019	433.05	224.25	208.80
04S04E26A01S	8/21/2019	433.05	232.50	200.55
04S04E26A01S	9/23/2019	433.05	230.90	202.15
04S04E26A01S	10/24/2019	433.05	221.25	211.80
04S04E26A01S	11/19/2019	433.05	220.58	212.47
04S04E26A01S	1/8/2020	433.05	220.66	212.39
04S04E26A01S	2/27/2020	433.05	215.33	217.72
04S04E26A01S	3/3/2020	433.05	221.25	211.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S04E26A01S	4/30/2020	433.05	221.41	211.64
04S04E26A01S	5/26/2020	433.05	209.83	223.22
04S04E26A01S	6/29/2020	433.05	209.75	223.30
04S04E26A01S	9/15/2020	433.05	220.20	212.85
04S04E35K01S	4/18/2019	535.00	296.65	238.35
04S04E35K01S	9/24/2019	535.00	292.00	243.00
04S04E35K01S	4/29/2020	535.00	292.60	242.40
04S04E35K01S	4/29/2020	535.00	291.00	244.00
04S04E35K01S	9/15/2020	535.00	292.90	242.10
04S04E35K01S	9/15/2020	535.00	291.90	243.10
04S05E03P01S	11/13/2009	380.00	232.10	147.90
04S05E03P01S	8/20/2010	380.00	236.10	143.90
04S05E04N01S	10/4/2018	427.90	262.50	165.40
04S05E04N01S	3/5/2019	427.90	260.70	167.20
04S05E04N01S	8/1/2019	427.90	255.30	172.60
04S05E04N01S	10/15/2019	427.90	219.10	208.80
04S05E04N01S	2/26/2020	427.90	221.30	206.60
04S05E04N01S	6/23/2020	427.90	207.70	220.20
04S05E05A01S	11/5/2009	448.00	283.60	164.40
04S05E05A01S	11/6/2009	448.00	277.30	170.70
04S05E05A01S	10/4/2018	448.00	240.60	207.40
04S05E05A01S	3/5/2019	448.00	233.80	214.20
04S05E05A01S	8/7/2019	448.00	231.50	216.50
04S05E05A01S	10/15/2019	448.00	228.90	219.10
04S05E05A01S	3/12/2020	448.00	218.70	229.30
04S05E05A01S	6/22/2020	448.00	218.30	229.70
04S05E05K01S	11/5/2009	443.70	267.60	176.10
04S05E05K01S	3/31/2010	443.70	268.40	175.30
04S05E05K01S	8/4/2010	443.70	266.10	177.60
04S05E05K01S	10/4/2018	443.70	232.70	211.00
04S05E05K01S	3/5/2019	443.70	228.60	215.10
04S05E05K01S	8/7/2019	443.70	222.30	221.40
04S05E05K01S	10/15/2019	443.70	220.30	223.40
04S05E05K01S	2/26/2020	443.70	213.00	230.70
04S05E05K01S	6/22/2020	443.70	210.50	233.20
04S05E08A01S	11/5/2009	420.00	254.10	165.90
04S05E08A01S	3/31/2010	420.00	258.90	161.10
04S05E08A01S	8/4/2010	420.00	259.70	160.30
04S05E08D01S	11/5/2009	443.90	265.90	178.00
04S05E08D01S	4/22/2010	443.90	263.10	180.80
04S05E08D01S	8/4/2010	443.90	263.40	180.50
04S05E08D01S	10/4/2018	443.90	247.30	196.60
04S05E08D01S	3/5/2019	443.90	243.80	200.10
04S05E08D01S	11/1/2019	443.90	213.40	230.50
04S05E08D01S	2/26/2020	443.90	207.20	236.70
04S05E08D01S	6/22/2020	443.90	204.70	239.20
04S05E08L01S	11/5/2009	415.00	244.70	170.30
04S05E08L01S	4/22/2010	415.00	244.80	170.20
04S05E08L01S	8/4/2010	415.00	247.70	167.30
04S05E08N01S	11/19/2009	412.02	244.03	167.99
04S05E08N01S	1/22/2010	412.02	243.33	168.69
04S05E08N01S	2/19/2010	412.02	244.16	167.86
04S05E08N01S	3/9/2010	412.02	244.66	167.36
04S05E08N01S	4/27/2010	412.02	248.66	163.36
04S05E08N01S	8/25/2010	412.02	251.49	160.53
04S05E08N01S	10/22/2018	412.02	209.73	202.29
04S05E08N01S	11/20/2018	412.02	207.93	204.09
04S05E08N01S	12/14/2018	412.02	207.53	204.49
04S05E08N01S	1/25/2019	412.02	204.33	207.69
04S05E08N01S	3/1/2019	412.02	203.08	208.94

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S05E08N01S	3/15/2019	412.02	202.40	209.62
04S05E08N01S	4/19/2019	412.02	204.03	207.99
04S05E08N01S	5/16/2019	412.02	203.83	208.19
04S05E08N01S	6/26/2019	412.02	201.93	210.09
04S05E08N01S	7/24/2019	412.02	201.13	210.89
04S05E08N01S	8/21/2019	412.02	202.23	209.79
04S05E08N01S	9/23/2019	412.02	199.13	212.89
04S05E08N01S	10/22/2019	412.02	198.63	213.39
04S05E08N01S	11/19/2019	412.02	196.16	215.86
04S05E08N01S	1/9/2020	412.02	193.08	218.94
04S05E08N01S	2/25/2020	412.02	191.53	220.49
04S05E08N01S	3/30/2020	412.02	211.08	200.94
04S05E08N01S	4/27/2020	412.02	190.33	221.69
04S05E08N01S	5/26/2020	412.02	190.24	221.78
04S05E08N01S	6/20/2020	412.02	191.03	220.99
04S05E08N01S	7/20/2020	412.02	189.93	222.09
04S05E08N01S	8/19/2020	412.02	190.49	221.53
04S05E08N01S	9/15/2020	412.02	206.13	205.89
04S05E08R01S	11/19/2009	397.00	241.70	155.30
04S05E08R01S	3/31/2010	397.00	242.50	154.50
04S05E08R01S	8/4/2010	397.00	241.40	155.60
04S05E08R01S	10/4/2018	397.00	235.20	161.80
04S05E08R01S	3/5/2019	397.00	243.50	153.50
04S05E08R01S	8/13/2019	397.00	230.60	166.40
04S05E08R01S	10/22/2019	397.00	201.50	195.50
04S05E08R01S	3/12/2020	397.00	193.60	203.40
04S05E08R01S	6/23/2020	397.00	189.30	207.70
04S05E09B01S	11/5/2009	395.50	240.30	155.20
04S05E09B01S	3/31/2010	395.50	240.50	155.00
04S05E09B01S	8/4/2010	395.50	244.10	151.40
04S05E09B01S	10/4/2018	395.50	213.80	181.70
04S05E09B01S	3/5/2019	395.50	210.50	185.00
04S05E09B01S	8/13/2019	395.50	205.10	190.40
04S05E09B01S	10/15/2019	395.50	203.30	192.20
04S05E09B01S	10/15/2019	395.50	203.30	192.20
04S05E09B01S	2/26/2020	395.50	196.20	199.30
04S05E09B01S	2/26/2020	395.50	196.20	199.30
04S05E09B01S	6/23/2020	395.50	193.60	201.90
04S05E09B01S	6/23/2020	395.50	193.60	201.90
04S05E09B02S	10/15/2019	395.50	203.50	192.00
04S05E09B02S	2/26/2020	395.50	196.60	198.90
04S05E09B02S	6/23/2020	395.50	194.10	201.40
04S05E09F03S	11/6/2009	396.90	252.40	144.50
04S05E09F03S	3/31/2010	396.90	248.00	148.90
04S05E09F03S	8/6/2010	396.90	249.60	147.30
04S05E09F03S	10/4/2018	396.90	225.70	171.20
04S05E09F03S	3/5/2019	396.90	220.10	176.80
04S05E09F03S	8/13/2019	396.90	222.70	174.20
04S05E09F03S	10/22/2019	396.90	210.80	186.10
04S05E09F03S	2/26/2020	396.90	203.50	193.40
04S05E09F03S	6/23/2020	396.90	199.10	197.80
04S05E09R01S	11/5/2009	375.40	243.40	132.00
04S05E09R01S	3/30/2010	375.40	243.80	131.60
04S05E09R01S	7/30/2010	375.40	245.20	130.20
04S05E09R01S	10/4/2018	375.40	214.50	160.90
04S05E09R01S	3/5/2019	375.40	208.80	166.60
04S05E09R01S	8/13/2019	375.40	209.00	166.40
04S05E09R01S	11/1/2019	375.40	205.40	170.00
04S05E09R01S	2/26/2020	375.40	200.60	174.80
04S05E09R01S	6/23/2020	375.40	198.50	176.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S05E15B01S	10/18/2019	356.30	204.70	151.60
04S05E15B01S	3/31/2020	356.30	199.90	156.40
04S05E15B01S	6/23/2020	356.30	196.40	159.90
04S05E15C01S	11/6/2009	353.70	237.50	116.20
04S05E15C01S	3/30/2010	353.70	234.70	119.00
04S05E15C01S	8/6/2010	353.70	238.70	115.00
04S05E15C01S	10/10/2018	353.70	239.70	114.00
04S05E15C01S	3/5/2019	353.70	228.30	125.40
04S05E15C01S	8/14/2019	353.70	229.60	124.10
04S05E15C01S	10/18/2019	353.70	208.60	145.10
04S05E15C01S	3/12/2020	353.70	200.50	153.20
04S05E15C01S	6/25/2020	353.70	201.80	151.90
04S05E15G01S	11/6/2009	356.70	241.60	115.10
04S05E15G01S	3/30/2010	356.70	240.60	116.10
04S05E15G01S	8/6/2010	356.70	241.10	115.60
04S05E15G01S	10/10/2018	356.70	244.50	112.20
04S05E15G01S	3/5/2019	356.70	233.20	123.50
04S05E15G01S	8/14/2019	356.70	242.80	113.90
04S05E15G01S	10/18/2019	356.70	217.20	139.50
04S05E15G01S	4/1/2020	356.70	221.30	135.40
04S05E15G01S	6/25/2020	356.70	222.00	134.70
04S05E15R02S	8/6/2010	346.70	247.70	99.00
04S05E15R02S	10/10/2018	346.70	225.80	120.90
04S05E15R02S	3/8/2019	346.70	220.80	125.90
04S05E15R02S	8/14/2019	346.70	221.40	125.30
04S05E15R02S	11/7/2019	346.70	219.50	127.20
04S05E15R02S	11/7/2019	346.70	219.50	127.20
04S05E15R02S	3/31/2020	346.70	224.00	122.70
04S05E15R02S	3/31/2020	346.70	224.00	122.70
04S05E15R02S	6/25/2020	346.70	222.90	123.80
04S05E15R02S	6/25/2020	346.70	222.90	123.80
04S05E16H01S	11/6/2009	371.90	244.10	127.80
04S05E16H01S	4/22/2010	371.90	242.60	129.30
04S05E16H01S	8/6/2010	371.90	246.90	125.00
04S05E16H01S	10/18/2019	371.90	208.60	163.30
04S05E16H01S	2/26/2020	371.90	206.30	165.60
04S05E16H01S	6/30/2020	371.90	206.20	165.70
04S05E16J01S	11/9/2009	367.80	248.30	119.50
04S05E16J01S	10/11/2018	367.80	241.40	126.40
04S05E16J01S	3/8/2019	367.80	237.60	130.20
04S05E16J01S	8/14/2019	367.80	239.90	127.90
04S05E17P01S	5/28/2009	375.88	217.00	158.88
04S05E17P01S	10/22/2009	375.88	227.25	148.63
04S05E17P01S	11/5/2009	375.88	226.91	148.97
04S05E17P01S	12/16/2009	375.88	229.83	146.05
04S05E17P01S	1/26/2010	375.88	229.08	146.80
04S05E17P01S	2/19/2010	375.88	230.75	145.13
04S05E17P01S	3/9/2010	375.88	231.58	144.30
04S05E17P01S	4/27/2010	375.88	231.33	144.55
04S05E17P01S	5/24/2010	375.88	231.66	144.22
04S05E17P01S	7/26/2010	375.88	234.00	141.88
04S05E17P01S	8/30/2010	375.88	233.83	142.05
04S05E17P01S	9/20/2010	375.88	234.50	141.38
04S05E17P01S	4/19/2019	375.88	204.66	171.22
04S05E17P01S	9/23/2019	375.88	202.00	173.88
04S05E17P01S	4/27/2020	375.88	192.00	183.88
04S05E17P01S	9/15/2020	375.88	192.00	183.88
04S05E17Q02S	10/22/2009	367.99	229.08	138.91
04S05E17Q02S	11/12/2009	367.99	227.00	140.99
04S05E17Q02S	12/15/2009	367.99	232.41	135.58

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S05E17Q02S	4/16/2010	367.99	233.50	134.49
04S05E17Q02S	8/24/2010	367.99	232.00	135.99
04S05E17Q02S	9/20/2010	367.99	231.33	136.66
04S05E17Q02S	10/11/2018	367.99	204.16	163.83
04S05E17Q02S	11/19/2018	367.99	193.00	174.99
04S05E17Q02S	11/20/2018	367.99	201.50	166.49
04S05E17Q02S	12/14/2018	367.99	201.40	166.59
04S05E17Q02S	1/28/2019	367.99	198.41	169.58
04S05E17Q02S	2/26/2019	367.99	197.25	170.74
04S05E17Q02S	3/18/2019	367.99	196.40	171.59
04S05E17Q02S	4/18/2019	367.99	197.45	170.54
04S05E17Q02S	5/16/2019	367.99	196.10	171.89
04S05E17Q02S	6/26/2019	367.99	197.50	170.49
04S05E17Q02S	7/24/2019	367.99	196.85	171.14
04S05E17Q02S	8/21/2019	367.99	197.15	170.84
04S05E17Q02S	9/23/2019	367.99	197.40	170.59
04S05E17Q02S	10/23/2019	367.99	195.80	172.19
04S05E17Q02S	11/19/2019	367.99	193.00	174.99
04S05E17Q02S	1/9/2020	367.99	190.33	177.66
04S05E17Q02S	2/27/2020	367.99	188.41	179.58
04S05E17Q02S	3/30/2020	367.99	188.66	179.33
04S05E17Q02S	4/27/2020	367.99	187.00	180.99
04S05E17Q02S	5/26/2020	367.99	187.53	180.46
04S05E17Q02S	6/29/2020	367.99	188.80	179.19
04S05E17Q02S	8/19/2020	367.99	187.83	180.16
04S05E17Q02S	9/15/2020	367.99	186.70	181.29
04S05E19D01S	5/27/2009	394.26	221.45	172.81
04S05E19D01S	10/22/2009	394.26	219.20	175.06
04S05E19D01S	11/5/2009	394.26	220.45	173.81
04S05E19D01S	12/16/2009	394.26	225.20	169.06
04S05E19D01S	1/26/2010	394.26	228.45	165.81
04S05E19D01S	2/12/2010	394.26	227.11	167.15
04S05E19D01S	3/9/2010	394.26	227.36	166.90
04S05E19D01S	4/28/2010	394.26	226.78	167.48
04S05E19D01S	5/25/2010	394.26	230.45	163.81
04S05E19D01S	6/23/2010	394.26	230.36	163.90
04S05E19D01S	7/26/2010	394.26	239.03	155.23
04S05E19D01S	8/26/2010	394.26	238.11	156.15
04S05E19D01S	9/30/2010	394.26	240.53	153.73
04S05E19D01S	4/18/2019	394.26	191.30	202.96
04S05E19D01S	9/24/2019	394.26	186.03	208.23
04S05E19D01S	11/18/2019	394.26	184.86	209.40
04S05E19D01S	4/30/2020	394.26	185.60	208.66
04S05E19D01S	9/16/2020	394.26	185.11	209.15
04S05E21J02S	11/5/2009	345.40	231.60	113.80
04S05E21J02S	3/30/2010	345.40	231.30	114.10
04S05E21J02S	8/3/2010	345.40	227.20	118.20
04S05E21J02S	10/11/2018	345.40	214.40	131.00
04S05E21J02S	3/8/2019	345.40	210.00	135.40
04S05E21J02S	8/16/2019	345.40	209.10	136.30
04S05E21J02S	11/1/2019	345.40	207.50	137.90
04S05E21J02S	3/31/2020	345.40	201.20	144.20
04S05E21J02S	6/30/2020	345.40	201.80	143.60
04S05E22C01S	11/9/2009	350.10	248.80	101.30
04S05E22C01S	10/10/2018	350.10	234.60	115.50
04S05E22C01S	3/8/2019	350.10	230.20	119.90
04S05E22C01S	8/1/2019	350.10	231.80	118.30
04S05E22C01S	10/23/2019	350.10	218.10	132.00
04S05E22C01S	3/31/2020	350.10	211.50	138.60
04S05E22C01S	6/25/2020	350.10	213.30	136.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S05E22L01S	11/9/2009	346.60	246.90	99.70
04S05E22L01S	8/3/2010	346.60	245.70	100.90
04S05E23R01S	8/4/2010	330.00	262.60	67.40
04S05E25A01S	11/6/2009	350.00	310.50	39.50
04S05E25A01S	4/16/2010	350.00	306.20	43.80
04S05E25A01S	7/30/2010	350.00	304.80	45.20
04S05E25A01S	10/16/2018	350.00	296.70	53.30
04S05E25A01S	4/5/2019	350.00	291.00	59.00
04S05E25A01S	8/20/2019	350.00	294.30	55.70
04S05E25A01S	10/21/2019	350.00	296.40	53.60
04S05E25A01S	2/12/2020	350.00	289.20	60.80
04S05E25A01S	6/15/2020	350.00	291.40	58.60
04S05E25C01S	11/6/2009	328.08	261.40	66.68
04S05E25C01S	3/23/2010	328.08	258.50	69.58
04S05E25D02S	11/6/2009	324.80	260.80	64.00
04S05E25D02S	3/23/2010	324.80	257.20	67.60
04S05E25D02S	8/3/2010	324.80	259.10	65.70
04S05E25D02S	10/16/2018	324.80	251.70	73.10
04S05E25D02S	3/12/2019	324.80	242.70	82.10
04S05E25D02S	8/20/2019	324.80	248.30	76.50
04S05E25D02S	10/21/2019	324.80	246.00	78.80
04S05E25D02S	2/12/2020	324.80	239.30	85.50
04S05E25D02S	6/15/2020	324.80	242.80	82.00
04S05E25F01S	11/9/2009	325.00	259.30	65.70
04S05E25F01S	3/30/2010	325.00	253.40	71.60
04S05E25F01S	8/3/2010	325.00	256.90	68.10
04S05E25J01S	11/9/2009	318.16	277.90	40.26
04S05E25J01S	3/30/2010	318.16	274.90	43.26
04S05E25J01S	8/9/2010	318.16	279.00	39.16
04S05E25J01S	10/18/2018	318.16	267.60	50.56
04S05E25J01S	3/14/2019	318.16	261.50	56.66
04S05E25J01S	8/26/2019	318.16	285.00	33.16
04S05E25J01S	10/21/2019	318.16	266.00	52.16
04S05E25J01S	2/12/2020	318.16	253.00	65.16
04S05E25J01S	6/22/2020	318.16	258.20	59.96
04S05E25P01S	3/23/2010	320.00	273.40	46.60
04S05E25P01S	8/4/2010	320.00	277.70	42.30
04S05E25P01S	10/21/2019	320.00	277.50	42.50
04S05E25P01S	11/7/2019	320.00	265.60	54.40
04S05E25P01S	3/9/2020	320.00	263.20	56.80
04S05E25P01S	6/22/2020	320.00	261.90	58.10
04S05E26A01S	11/19/2009	330.00	274.80	55.20
04S05E26A01S	3/19/2010	330.00	263.00	67.00
04S05E26A01S	7/30/2010	330.00	266.70	63.30
04S05E26C01S	11/19/2009	342.00	269.50	72.50
04S05E26C01S	4/16/2010	342.00	263.90	78.10
04S05E26C01S	7/30/2010	342.00	265.50	76.50
04S05E26D01S	11/10/2009	345.00	258.80	86.20
04S05E26D01S	3/19/2010	345.00	258.40	86.60
04S05E26H01S	11/19/2009	340.00	274.30	65.70
04S05E26H01S	3/19/2010	340.00	270.70	69.30
04S05E26H01S	7/30/2010	340.00	275.30	64.70
04S05E27A01S	3/23/2010	349.00	285.10	63.90
04S05E27A01S	8/4/2010	349.00	267.00	82.00
04S05E27A01S	10/11/2018	349.00	249.60	99.40
04S05E27A01S	3/11/2019	349.00	245.50	103.50
04S05E27A01S	8/20/2019	349.00	249.40	99.60
04S05E27A01S	10/9/2019	349.00	245.00	104.00
04S05E27A01S	3/31/2020	349.00	237.80	111.20
04S05E27A01S	7/30/2020	349.00	242.10	106.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S05E27E01S	11/10/2009	313.20	212.10	101.10
04S05E27E01S	3/24/2010	313.20	210.70	102.50
04S05E27E01S	8/3/2010	313.20	212.20	101.00
04S05E27E01S	10/11/2018	313.20	198.10	115.10
04S05E27E01S	3/12/2019	313.20	194.20	119.00
04S05E27E01S	8/20/2019	313.20	193.30	119.90
04S05E27E01S	10/1/2019	313.20	192.20	121.00
04S05E27E01S	10/9/2019	313.20	192.20	121.00
04S05E27E01S	3/24/2020	313.20	186.50	126.70
04S05E27E01S	3/24/2020	313.20	186.50	126.70
04S05E27E01S	6/30/2020	313.20	185.60	127.60
04S05E27E01S	6/30/2020	313.20	185.60	127.60
04S05E27E02S	11/10/2009	313.50	214.00	99.50
04S05E27E02S	3/24/2010	313.50	215.70	97.80
04S05E27E02S	8/3/2010	313.50	218.20	95.30
04S05E27E03S	10/11/2018	315.00	200.80	114.20
04S05E27E03S	3/12/2019	315.00	196.80	118.20
04S05E27E03S	8/20/2019	315.00	196.70	118.30
04S05E27E03S	10/9/2019	315.00	195.30	119.70
04S05E27E03S	3/24/2020	315.00	188.60	126.40
04S05E27E03S	6/30/2020	315.00	189.00	126.00
04S05E27K01S	11/9/2009	296.50	210.30	86.20
04S05E27K01S	3/24/2010	296.50	208.40	88.10
04S05E27K01S	8/9/2010	296.50	210.40	86.10
04S05E27K01S	10/11/2018	296.50	197.20	99.30
04S05E27K01S	3/11/2019	296.50	192.70	103.80
04S05E27K01S	8/20/2019	296.50	193.10	103.40
04S05E27K01S	10/9/2019	296.50	191.90	104.60
04S05E27K01S	3/24/2020	296.50	185.10	111.40
04S05E27K01S	7/1/2020	296.50	185.90	110.60
04S05E27K02S	11/9/2009	316.00	241.40	74.60
04S05E27K02S	3/24/2010	316.00	239.80	76.20
04S05E27K02S	7/30/2010	316.00	242.20	73.80
04S05E28F01S	11/10/2009	322.00	221.10	100.90
04S05E28F02S	11/10/2009	318.30	212.90	105.40
04S05E28F02S	3/24/2010	318.30	207.10	111.20
04S05E28F02S	8/3/2010	318.30	205.60	112.70
04S05E28F02S	10/12/2018	318.30	193.50	124.80
04S05E28F02S	3/8/2019	318.30	187.20	131.10
04S05E28F02S	8/16/2019	318.30	189.90	128.40
04S05E28F02S	10/9/2019	318.30	187.60	130.70
04S05E28F02S	3/24/2020	318.30	181.10	137.20
04S05E28F02S	7/1/2020	318.30	180.90	137.40
04S05E29A02S	5/21/2009	334.04	211.36	122.68
04S05E29A02S	10/23/2009	334.04	215.86	118.18
04S05E29A02S	11/17/2009	334.04	214.78	119.26
04S05E29A02S	12/15/2009	334.04	212.45	121.59
04S05E29A02S	1/26/2010	334.04	211.95	122.09
04S05E29A02S	2/19/2010	334.04	212.20	121.84
04S05E29A02S	3/9/2010	334.04	213.03	121.01
04S05E29A02S	4/26/2010	334.04	215.20	118.84
04S05E29A02S	5/24/2010	334.04	216.03	118.01
04S05E29A02S	6/22/2010	334.04	215.70	118.34
04S05E29A02S	8/23/2010	334.04	219.20	114.84
04S05E29A02S	9/28/2010	334.04	219.70	114.34
04S05E29A02S	10/11/2018	334.04	195.11	138.93
04S05E29A02S	11/20/2018	334.04	194.90	139.14
04S05E29A02S	1/28/2019	334.04	194.45	139.59
04S05E29A02S	2/26/2019	334.04	191.11	142.93
04S05E29A02S	3/15/2019	334.04	190.78	143.26

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04S05E29A02S	4/19/2019	334.04	188.50	145.54
04S05E29A02S	5/16/2019	334.04	189.20	144.84
04S05E29A02S	6/26/2019	334.04	189.50	144.54
04S05E29A02S	7/24/2019	334.04	190.11	143.93
04S05E29A02S	8/21/2019	334.04	189.60	144.44
04S05E29A02S	9/24/2019	334.04	187.95	146.09
04S05E29A02S	10/23/2019	334.04	188.70	145.34
04S05E29A02S	11/19/2019	334.04	187.50	146.54
04S05E29A02S	1/8/2020	334.04	185.36	148.68
04S05E29A02S	2/25/2020	334.04	184.00	150.04
04S05E29A02S	3/30/2020	334.04	185.70	148.34
04S05E29A02S	5/26/2020	334.04	182.28	151.76
04S05E29A02S	6/23/2020	334.04	184.10	149.94
04S05E29A02S	8/19/2020	334.04	183.03	151.01
04S05E29A02S	9/15/2020	334.04	182.00	152.04
04S05E29F01S	11/13/2009	333.90	200.90	133.00
04S05E29F01S	4/30/2010	333.90	200.70	133.20
04S05E29F01S	8/20/2010	333.90	203.20	130.70
04S05E29F01S	10/12/2018	333.90	184.70	149.20
04S05E29F01S	3/11/2019	333.90	179.10	154.80
04S05E29F01S	8/16/2019	333.90	177.10	156.80
04S05E29F01S	10/9/2019	333.90	176.00	157.90
04S05E29F01S	3/31/2020	333.90	169.40	164.50
04S05E29F01S	7/1/2020	333.90	168.40	165.50
04S05E29H01S	11/12/2009	330.25	217.00	113.25
04S05E29H01S	4/23/2019	330.25	193.00	137.25
04S05E29H01S	9/24/2019	330.25	191.25	139.00
04S05E29H01S	4/27/2020	330.25	187.70	142.55
04S05E29H01S	9/15/2020	330.25	184.75	145.50
04S05E30C01S	11/13/2009	357.70	209.90	147.80
04S05E30C01S	4/30/2010	357.70	209.70	148.00
04S05E30C01S	8/20/2010	357.70	212.80	144.90
04S05E30C01S	10/12/2018	357.70	190.60	167.10
04S05E30C01S	3/11/2019	357.70	183.20	174.50
04S05E30C01S	8/16/2019	357.70	178.10	179.60
04S05E30C01S	10/9/2019	357.70	176.50	181.20
04S05E30C01S	3/31/2020	357.70	169.20	188.50
04S05E30C01S	7/1/2020	357.70	168.10	189.60
04S05E33B03S	5/21/2009	299.31	194.85	104.46
04S05E33B03S	10/29/2009	299.31	199.51	99.80
04S05E33B03S	11/17/2009	299.31	201.43	97.88
04S05E33B03S	12/15/2009	299.31	198.93	100.38
04S05E33B03S	1/26/2010	299.31	196.43	102.88
04S05E33B03S	2/19/2010	299.31	196.85	102.46
04S05E33B03S	3/15/2010	299.31	197.93	101.38
04S05E33B03S	4/26/2010	299.31	196.85	102.46
04S05E33B03S	5/25/2010	299.31	198.10	101.21
04S05E33B03S	6/22/2010	299.31	202.01	97.30
04S05E33B03S	7/26/2010	299.31	204.85	94.46
04S05E33B03S	8/23/2010	299.31	202.85	96.46
04S05E33B03S	9/21/2010	299.31	201.93	97.38
04S05E33B03S	10/22/2018	299.31	184.20	115.11
04S05E33B03S	11/20/2018	299.31	184.00	115.31
04S05E33B03S	1/28/2019	299.31	184.10	115.21
04S05E33B03S	2/26/2019	299.31	180.60	118.71
04S05E33B03S	3/18/2019	299.31	179.60	119.71
04S05E33B03S	4/18/2019	299.31	179.10	120.21
04S05E33B03S	5/16/2019	299.31	178.50	120.81
04S05E33B03S	6/25/2019	299.31	178.40	120.91
04S05E33B03S	7/24/2019	299.31	179.20	120.11

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S05E33B03S	8/21/2019	299.31	179.00	120.31
04S05E33B03S	9/24/2019	299.31	178.60	120.71
04S05E33B03S	10/23/2019	299.31	178.00	121.31
04S05E33B03S	11/19/2019	299.31	177.10	122.21
04S05E33B03S	1/9/2020	299.31	174.60	124.71
04S05E33B03S	2/27/2020	299.31	173.76	125.55
04S05E33B03S	3/30/2020	299.31	172.60	126.71
04S05E33B03S	4/27/2020	299.31	172.40	126.91
04S05E33B03S	5/26/2020	299.31	171.68	127.63
04S05E33B03S	6/23/2020	299.31	172.40	126.91
04S05E33B03S	9/16/2020	299.31	171.35	127.96
04S05E34C01S	11/19/2009	290.00	193.80	96.20
04S05E34C01S	3/24/2010	290.00	171.20	118.80
04S05E34C01S	8/10/2010	290.00	198.60	91.40
04S05E34J01S	11/19/2009	272.00	202.10	69.90
04S05E34J01S	8/10/2010	272.00	196.90	75.10
04S05E35G03S	11/10/2009	271.80	214.20	57.60
04S05E35G03S	3/24/2010	271.80	212.00	59.80
04S05E35G03S	8/9/2010	271.80	212.90	58.90
04S05E35G03S	11/1/2018	271.80	205.40	66.40
04S05E35G03S	3/15/2019	271.80	201.40	70.40
04S05E35G03S	8/26/2019	271.80	201.70	70.10
04S05E35G03S	10/21/2019	271.80	201.50	70.30
04S05E35G03S	10/21/2019	271.80	201.50	70.30
04S05E35G03S	3/9/2020	271.80	197.20	74.60
04S05E35G03S	3/9/2020	271.80	197.20	74.60
04S05E35G03S	6/20/2020	271.80	195.90	75.90
04S05E35G03S	6/20/2020	271.80	195.90	75.90
04S05E35G04S	11/10/2009	272.70	211.10	61.60
04S05E35G04S	8/9/2010	272.70	214.10	58.60
04S05E35G04S	11/1/2018	272.70	207.80	64.90
04S05E35G04S	3/15/2019	272.70	200.60	72.10
04S05E35G04S	8/26/2019	272.70	209.10	63.60
04S05E35G04S	5/8/2020	272.70	207.50	65.20
04S05E35Q01S	11/5/2009	250.00	206.60	43.40
04S05E35Q01S	3/24/2010	250.00	204.00	46.00
04S05E35Q01S	8/9/2010	250.00	204.70	45.30
04S05E35Q02S	11/5/2009	255.00	207.30	47.70
04S05E35Q02S	8/9/2010	255.00	205.80	49.20
04S05E36D01S	11/5/2009	320.00	268.20	51.80
04S05E36D01S	3/23/2010	320.00	265.70	54.30
04S05E36D01S	8/9/2010	320.00	267.60	52.40
04S05E36L01S	11/10/2009	300.00	264.00	36.00
04S05E36L01S	3/24/2010	300.00	243.80	56.20
04S05E36L01S	8/9/2010	300.00	250.40	49.60
04S05E36L02S	11/10/2009	278.87	265.80	13.07
04S05E36L02S	3/24/2010	278.87	263.10	15.77
04S05E36L02S	8/9/2010	278.87	264.70	14.17
04S05E36M01S	11/10/2009	251.20	211.60	39.60
04S05E36M01S	3/24/2010	251.20	209.60	41.60
04S05E36M01S	8/9/2010	251.20	212.50	38.70
04S05E36M01S	11/1/2018	251.20	204.50	46.70
04S05E36M01S	3/15/2019	251.20	198.80	52.40
04S05E36M01S	8/26/2019	251.20	200.30	50.90
04S05E36M01S	10/21/2019	251.20	202.40	48.80
04S05E36M01S	3/9/2020	251.20	196.00	55.20
04S05E36M01S	6/22/2020	251.20	195.70	55.50
04S06E08L01S	10/16/2009	378.00	338.40	39.60
04S06E08L01S	3/17/2010	378.00	339.10	38.90
04S06E08L01S	7/22/2010	378.00	340.40	37.60

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S06E15F01S	7/1/2020	271.00	257.59	13.41
04S06E17P02S	1/16/2020	237.00	195.12	41.88
04S06E17P02S	1/16/2020	237.70	195.12	42.58
04S06E18P01S	10/16/2009	231.10	184.80	46.30
04S06E18P01S	3/18/2010	231.10	179.00	52.10
04S06E18P01S	7/22/2010	231.10	180.70	50.40
04S06E18P01S	10/16/2018	231.10	177.10	54.00
04S06E18P01S	3/12/2019	231.10	181.40	49.70
04S06E18P01S	9/17/2019	231.10	177.20	53.90
04S06E18P01S	12/12/2019	231.10	174.90	56.20
04S06E18P01S	5/12/2020	231.10	164.20	66.90
04S06E18P01S	9/23/2020	231.10	180.90	50.20
04S06E18Q04S	10/16/2009	243.20	207.00	36.20
04S06E18Q04S	3/24/2010	243.20	201.20	42.00
04S06E18Q04S	7/22/2010	243.20	206.30	36.90
04S06E18Q04S	10/16/2018	243.20	200.10	43.10
04S06E18Q04S	3/12/2019	243.20	201.90	41.30
04S06E18Q04S	8/21/2019	243.20	199.30	43.90
04S06E18Q04S	10/25/2019	243.20	208.20	35.00
04S06E18Q04S	3/9/2020	243.20	204.20	39.00
04S06E18Q06S	10/16/2009	228.90	192.20	36.70
04S06E18Q06S	3/17/2010	228.90	184.40	44.50
04S06E18Q06S	7/28/2010	228.90	187.60	41.30
04S06E18Q06S	10/16/2018	228.90	181.10	47.80
04S06E18Q06S	3/12/2019	228.90	181.10	47.80
04S06E18Q06S	8/21/2019	228.90	181.00	47.90
04S06E18Q06S	10/25/2019	228.90	181.20	47.70
04S06E18Q06S	3/12/2020	228.90	172.90	56.00
04S06E18Q06S	6/15/2020	228.90	177.20	51.70
04S06E18R01S	10/16/2009	242.50	201.00	41.50
04S06E18R01S	3/17/2010	242.50	198.50	44.00
04S06E18R01S	7/22/2010	242.50	199.00	43.50
04S06E18R01S	10/16/2018	242.50	197.60	44.90
04S06E18R01S	3/12/2019	242.50	195.10	47.40
04S06E18R01S	8/21/2019	242.50	196.90	45.60
04S06E18R01S	10/25/2019	242.50	196.50	46.00
04S06E18R01S	10/25/2019	242.50	196.50	46.00
04S06E18R01S	3/12/2020	242.50	189.90	52.60
04S06E18R01S	3/12/2020	242.50	189.90	52.60
04S06E18R01S	6/24/2020	242.50	193.80	48.70
04S06E18R01S	6/24/2020	242.50	193.80	48.70
04S06E19J03S	10/27/2009	218.90	203.40	15.50
04S06E19J03S	10/17/2018	218.90	205.40	13.50
04S06E19J03S	3/14/2019	218.90	198.50	20.40
04S06E19J03S	8/22/2019	218.90	204.90	14.00
04S06E19J03S	10/21/2019	218.90	196.70	22.20
04S06E19J03S	3/9/2020	218.90	183.80	35.10
04S06E19J03S	7/2/2020	218.90	176.40	42.50
04S06E20L01S	10/28/2009	198.00	180.40	17.60
04S06E20L01S	3/24/2010	198.00	176.40	21.60
04S06E20L01S	7/28/2010	198.00	179.00	19.00
04S06E20M02S	10/16/2009	207.30	191.90	15.40
04S06E20M02S	3/18/2010	207.30	180.10	27.20
04S06E20M02S	7/28/2010	207.30	185.60	21.70
04S06E20M02S	10/17/2018	207.30	176.30	31.00
04S06E20M02S	3/14/2019	207.30	172.50	34.80
04S06E20M02S	8/22/2019	207.30	179.10	28.20
04S06E20M02S	10/21/2019	207.30	175.80	31.50
04S06E20M02S	3/12/2020	207.30	168.20	39.10
04S06E20M02S	6/22/2020	207.30	170.40	36.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S06E22C01S	10/16/2009	218.70	212.60	6.10
04S06E22C01S	3/18/2010	218.70	211.30	7.40
04S06E22C01S	7/22/2010	218.70	213.40	5.30
04S06E22C01S	10/16/2018	218.70	215.40	3.30
04S06E22C01S	3/13/2019	218.70	213.30	5.40
04S06E22C01S	8/21/2019	218.70	214.20	4.50
04S06E22C01S	11/7/2019	218.70	214.60	4.10
04S06E22C01S	11/7/2019	218.70	214.60	4.10
04S06E22C01S	3/12/2020	218.70	212.70	6.00
04S06E22C01S	3/12/2020	218.70	212.70	6.00
04S06E22C01S	6/22/2020	218.70	212.90	5.80
04S06E22C01S	6/22/2020	218.70	212.90	5.80
04S06E25C02S	5/13/2009	193.00	228.90	-35.90
04S06E25C02S	10/2/2009	193.00	233.80	-40.80
04S06E25C02S	2/4/2010	193.00	232.50	-39.50
04S06E25C02S	5/14/2010	193.00	228.30	-35.30
04S06E25C03S	5/13/2009	199.00	238.00	-39.00
04S06E25C03S	2/4/2010	199.00	234.60	-35.60
04S06E25C03S	5/14/2010	199.00	235.20	-36.20
04S06E25J02S	5/8/2009	157.90	131.00	26.90
04S06E25J02S	10/2/2009	157.90	139.80	18.10
04S06E25J02S	2/3/2010	157.90	147.60	10.30
04S06E25J02S	5/5/2010	157.90	145.80	12.10
04S06E25J02S	11/22/2018	157.90	163.80	-5.90
04S06E25J02S	4/19/2019	157.90	168.10	-10.20
04S06E25J02S	9/11/2019	157.90	170.20	-12.30
04S06E25J02S	12/11/2019	157.90	170.10	-12.20
04S06E25J02S	12/11/2019	157.90	170.10	-12.20
04S06E25J02S	3/12/2020	157.90	169.50	-11.60
04S06E25J02S	3/12/2020	157.90	169.50	-11.60
04S06E25J02S	7/20/2020	157.90	171.40	-13.50
04S06E25J02S	7/20/2020	157.90	171.40	-13.50
04S06E25R01S	5/8/2009	150.00	171.10	-21.10
04S06E25R01S	10/2/2009	150.00	171.20	-21.20
04S06E25R01S	2/4/2010	150.00	170.30	-20.30
04S06E25R01S	5/5/2010	150.00	173.10	-23.10
04S06E27L03S	10/28/2009	170.00	172.70	-2.70
04S06E27L03S	3/25/2010	170.00	169.90	0.10
04S06E27L03S	7/29/2010	170.00	172.30	-2.30
04S06E27N01S	10/28/2009	165.00	184.40	-19.40
04S06E27N01S	3/24/2010	165.00	174.50	-9.50
04S06E27N01S	7/23/2010	165.00	176.60	-11.60
04S06E28A02S	10/28/2009	175.00	170.20	4.80
04S06E28A02S	3/24/2010	175.00	167.50	7.50
04S06E28A02S	7/23/2010	175.00	169.90	5.10
04S06E28H02S	3/25/2010	169.20	173.20	-4.00
04S06E28H02S	1/30/2019	169.20	168.30	0.90
04S06E28H02S	4/3/2019	169.20	174.00	-4.80
04S06E28H02S	8/22/2019	169.20	169.30	-0.10
04S06E28H02S	12/12/2019	169.20	177.80	-8.60
04S06E28H02S	3/12/2020	169.20	170.90	-1.70
04S06E28H02S	6/24/2020	169.20	174.60	-5.40
04S06E28J02S	11/5/2009	166.00	173.90	-7.90
04S06E28J02S	3/25/2010	166.00	169.00	-3.00
04S06E28J02S	7/29/2010	166.00	175.10	-9.10
04S06E28J07S	3/25/2010	165.00	173.40	-8.40
04S06E28K04S	12/12/2019	168.00	170.50	-2.50
04S06E28K04S	12/13/2019	168.00	169.40	-1.40
04S06E28K04S	3/12/2020	168.00	170.10	-2.10
04S06E28K04S	6/24/2020	168.00	171.40	-3.40

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S06E29A02S	10/28/2009	188.80	180.40	8.40
04S06E29A02S	3/25/2010	188.80	174.00	14.80
04S06E29A02S	7/28/2010	188.80	175.90	12.90
04S06E29H01S	10/30/2009	187.50	180.10	7.40
04S06E29H01S	3/25/2010	187.50	180.80	6.70
04S06E29H01S	7/28/2010	187.50	178.80	8.70
04S06E30R02S	1/14/2020	319.07	285.40	33.67
04S06E30R02S	3/12/2020	319.07	280.90	38.17
04S06E30R02S	7/2/2020	319.07	288.90	30.17
04S06E32C01S	10/28/2009	311.90	302.80	9.10
04S06E32C01S	3/19/2010	311.90	295.70	16.20
04S06E32C01S	7/29/2010	311.90	301.40	10.50
04S06E32C01S	11/7/2018	311.90	295.00	16.90
04S06E32C01S	3/27/2019	311.90	291.00	20.90
04S06E32C01S	9/10/2019	311.90	295.20	16.70
04S06E32C01S	10/15/2019	311.90	294.10	17.80
04S06E32C01S	2/28/2020	311.90	297.70	14.20
04S06E32C01S	6/3/2020	311.90	294.20	17.70
04S06E32C02S	10/28/2009	305.70	302.90	2.80
04S06E32C02S	3/19/2010	305.70	295.40	10.30
04S06E32C02S	7/29/2010	305.70	301.90	3.80
04S06E32C02S	11/17/2018	305.70	293.70	12.00
04S06E32C02S	3/27/2019	305.70	289.80	15.90
04S06E32C02S	9/10/2019	305.70	293.50	12.20
04S06E32C02S	10/15/2019	305.70	292.30	13.40
04S06E32C02S	2/26/2020	305.70	291.80	13.90
04S06E32C02S	6/3/2020	305.70	291.00	14.70
04S06E32D01S	10/28/2009	310.00	305.40	4.60
04S06E32D01S	7/30/2010	310.00	291.50	18.50
04S06E32N02S	10/5/2009	186.00	286.30	-100.30
04S06E32N02S	3/19/2010	186.00	278.70	-92.70
04S06E32N02S	7/28/2010	186.00	287.90	-101.90
04S06E32N02S	11/7/2018	186.00	278.90	-92.90
04S06E32N02S	3/27/2019	186.00	273.40	-87.40
04S06E32N02S	9/9/2019	186.00	275.90	-89.90
04S06E32N02S	10/15/2019	186.00	275.00	-89.00
04S06E32N02S	2/28/2020	186.00	270.60	-84.60
04S06E32N02S	6/2/2020	186.00	273.00	-87.00
04S06E32N03S	10/30/2009	292.00	282.70	9.30
04S06E32N03S	3/19/2010	292.00	273.50	18.50
04S06E32N03S	7/28/2010	292.00	280.40	11.60
04S06E32N03S	11/7/2018	292.00	272.20	19.80
04S06E32N03S	3/27/2019	292.00	265.70	26.30
04S06E32N03S	9/9/2019	292.00	286.90	5.10
04S06E32N03S	10/15/2019	292.00	268.20	23.80
04S06E32N03S	2/26/2020	292.00	264.20	27.80
04S06E32N03S	6/3/2020	292.00	263.60	28.40
04S06E33J01S	11/19/2019	181.52	193.17	-11.65
04S06E33J01S	3/3/2020	181.52	189.15	-7.63
04S06E33J01S	5/28/2020	181.52	190.05	-8.53
04S06E33J01S	8/26/2020	181.52	191.59	-10.07
04S06E33P01S	11/5/2009	265.00	294.60	-29.60
04S06E33P01S	11/20/2009	265.00	295.10	-30.10
04S06E33P01S	3/30/2010	265.00	289.60	-24.60
04S06E33P01S	8/10/2010	265.00	295.20	-30.20
04S06E34D02S	11/5/2009	162.00	182.20	-20.20
04S06E34D02S	3/25/2010	162.00	186.00	-24.00
04S06E34D02S	7/29/2010	162.00	183.90	-21.90
04S06E34K01S	10/28/2009	160.60	185.80	-25.20
04S06E34K01S	3/25/2010	160.60	180.10	-19.50

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S06E34K01S	7/29/2010	160.60	186.10	-25.50
04S06E34K01S	10/17/2018	160.60	180.20	-19.60
04S06E34K01S	1/14/2019	160.60	175.70	-15.10
04S06E34K01S	3/22/2019	160.60	176.40	-15.80
04S06E34K01S	9/18/2019	160.60	179.30	-18.70
04S06E34K01S	1/14/2020	160.60	175.70	-15.10
04S06E34K01S	5/13/2020	160.60	175.30	-14.70
04S06E34K01S	9/23/2020	160.60	176.50	-15.90
04S06E34K03S	11/24/2009	162.50	187.50	-25.00
04S06E34K03S	4/22/2010	162.50	186.90	-24.40
04S06E34K03S	8/11/2010	162.50	194.40	-31.90
04S06E35P01S	5/8/2009	151.60	191.10	-39.50
04S06E35P01S	10/1/2009	151.60	192.60	-41.00
04S06E35P01S	1/20/2010	151.60	184.30	-32.70
04S06E35P01S	5/5/2010	151.60	188.30	-36.70
04S06E35P01S	10/17/2018	151.60	192.90	-41.30
04S06E35P01S	4/3/2019	151.60	189.70	-38.10
04S06E35P01S	8/22/2019	151.60	187.10	-35.50
04S06E35P01S	12/12/2019	151.60	180.80	-29.20
04S06E35P01S	12/12/2019	151.60	180.80	-29.20
04S06E35P01S	3/18/2020	151.60	177.40	-25.80
04S06E35P01S	3/18/2020	151.60	177.40	-25.80
04S06E35P01S	6/24/2020	151.60	181.50	-29.90
04S06E35P01S	6/24/2020	151.60	181.50	-29.90
04S07E29M01S	5/8/2009	107.00	155.40	-48.40
04S07E29M01S	10/2/2009	107.00	160.50	-53.50
04S07E29M01S	2/4/2010	107.00	153.90	-46.90
04S07E29M01S	5/5/2010	107.00	153.60	-46.60
04S07E29N02S	5/8/2009	103.00	152.10	-49.10
04S07E29N02S	10/2/2009	103.00	155.80	-52.80
04S07E29N02S	2/4/2010	103.00	150.70	-47.70
04S07E29N02S	5/5/2010	103.00	152.20	-49.20
04S07E31H01S	5/13/2009	96.90	165.60	-68.70
04S07E31H01S	10/1/2009	96.90	173.40	-76.50
04S07E31H01S	2/9/2010	96.90	154.40	-57.50
04S07E31H01S	11/27/2018	96.90	163.30	-66.40
04S07E31H01S	4/17/2019	96.90	156.80	-59.90
04S07E31H01S	9/11/2019	96.90	164.10	-67.20
04S07E31H01S	12/2/2019	96.90	153.40	-56.50
04S07E31H01S	2/24/2020	96.90	151.50	-54.60
04S07E31H01S	7/20/2020	96.90	158.00	-61.10
04S07E31J01S	5/13/2009	89.60	156.70	-67.10
04S07E31J01S	10/5/2009	89.60	155.80	-66.20
04S07E31J01S	11/27/2018	89.60	158.10	-68.50
04S07E31J01S	4/19/2019	89.60	151.00	-61.40
04S07E31J01S	9/12/2019	89.60	158.80	-69.20
04S07E31J01S	12/2/2019	89.60	151.10	-61.50
04S07E31J01S	3/6/2020	89.60	153.40	-63.80
04S07E31J01S	7/20/2020	89.60	154.70	-65.10
04S07E31R02S	5/13/2009	86.10	170.40	-84.30
04S07E31R02S	10/5/2009	86.10	168.60	-82.50
04S07E31R02S	8/18/2010	86.10	176.70	-90.60
04S07E31R02S	11/28/2018	86.10	173.90	-87.80
04S07E31R02S	4/19/2019	86.10	160.20	-74.10
04S07E31R02S	9/12/2019	86.10	170.50	-84.40
04S07E31R02S	12/2/2019	86.10	150.50	-64.40
04S07E31R02S	2/27/2020	86.10	146.00	-59.90
04S07E31R02S	7/20/2020	86.10	147.90	-61.80
04S07E33L01S	1/12/2010	66.00	125.20	-59.20
04S07E33L01S	4/13/2010	66.00	122.70	-56.70

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
04S07E33L01S	7/13/2010	66.00	125.40	-59.40
04S07E33L01S	11/28/2018	66.00	126.30	-60.30
04S07E33L01S	4/30/2019	66.00	120.30	-54.30
04S07E33L01S	9/9/2019	66.00	122.00	-56.00
04S07E33L01S	11/22/2019	66.00	123.20	-57.20
04S07E33L01S	4/8/2020	66.00	118.60	-52.60
04S07E33L01S	6/16/2020	66.00	118.90	-52.90
04S07E33L02S	1/12/2010	66.00	116.60	-50.60
04S07E33L02S	4/13/2010	66.00	116.80	-50.80
04S07E33L02S	7/13/2010	66.00	114.30	-48.30
04S07E33L02S	11/28/2018	66.00	124.20	-58.20
04S07E33L02S	4/30/2019	66.00	120.00	-54.00
04S07E33L02S	9/9/2019	66.00	125.10	-59.10
04S07E33L02S	11/22/2019	66.00	126.50	-60.50
04S07E33L02S	4/8/2020	66.00	120.10	-54.10
04S07E33L02S	6/16/2020	66.00	120.80	-54.80
05S04E02G01S	11/13/2009	48.00	321.70	-273.70
05S04E02G01S	8/20/2010	48.00	271.80	-223.80
05S05E01L05S	11/12/2009	240.10	213.40	26.70
05S05E01L05S	3/26/2010	240.10	210.80	29.30
05S05E01L05S	8/10/2010	240.10	212.70	27.40
05S05E01L05S	11/1/2018	240.10	206.20	33.90
05S05E01L05S	3/15/2019	240.10	202.00	38.10
05S05E01L05S	8/29/2019	240.10	205.00	35.10
05S05E01L05S	10/29/2019	240.10	204.80	35.30
05S05E01L05S	3/18/2020	240.10	197.80	42.30
05S05E01L05S	6/25/2020	240.10	199.80	40.30
05S05E01M04S	11/12/2009	250.00	211.10	38.90
05S05E01M04S	3/26/2010	250.00	209.10	40.90
05S05E01M04S	8/10/2010	250.00	212.80	37.20
05S05E02B01S	11/11/2009	261.90	207.50	54.40
05S05E02B01S	3/26/2010	261.90	207.40	54.50
05S05E02B01S	8/9/2010	261.90	206.90	55.00
05S05E02B01S	11/1/2018	261.90	201.20	60.70
05S05E02B01S	3/15/2019	261.90	197.00	64.90
05S05E02B01S	8/26/2019	261.90	198.70	63.20
05S05E02B01S	10/27/2019	261.90	197.40	64.50
05S05E02B01S	3/11/2020	261.90	192.40	69.50
05S05E02B01S	6/25/2020	261.90	192.50	69.40
05S05E02L01S	11/10/2009	252.00	208.30	43.70
05S05E02L01S	3/24/2010	252.00	206.10	45.90
05S05E02L01S	8/9/2010	252.00	206.50	45.50
05S05E12C01S	11/12/2009	231.40	170.60	60.80
05S05E12C01S	3/26/2010	231.40	164.10	67.30
05S05E12C01S	8/10/2010	231.40	162.40	69.00
05S05E12C01S	11/1/2018	231.40	190.70	40.70
05S05E12C01S	3/15/2019	231.40	185.90	45.50
05S05E12C01S	8/28/2019	231.40	191.50	39.90
05S05E12C01S	12/17/2019	231.40	168.70	62.70
05S05E12C01S	3/19/2020	231.40	169.90	61.50
05S05E12C01S	7/2/2020	231.40	164.20	67.20
05S05E12D01S	11/12/2009	239.00	216.10	22.90
05S05E12D01S	3/26/2010	239.00	208.60	30.40
05S05E12D01S	8/10/2010	239.00	214.60	24.40
05S05E12H02S	11/12/2009	221.80	213.50	8.30
05S05E12H02S	3/26/2010	221.80	217.20	4.60
05S05E12H02S	8/10/2010	221.80	215.40	6.40
05S05E12H02S	11/1/2018	221.80	205.50	16.30
05S05E12H02S	3/15/2019	221.80	200.20	21.60
05S05E12H02S	8/28/2019	221.80	207.80	14.00

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S05E12H02S	10/30/2019	221.80	204.20	17.60
05S05E12H02S	3/18/2020	221.80	204.40	17.40
05S05E12H02S	7/2/2020	221.80	199.70	22.10
05S05E12J01S	11/12/2009	223.40	217.60	5.80
05S05E12J01S	3/26/2010	223.40	213.50	9.90
05S05E12J01S	8/10/2010	223.40	217.00	6.40
05S05E12J01S	11/1/2018	223.40	213.00	10.40
05S05E12J01S	3/15/2019	223.40	213.20	10.20
05S05E12J01S	8/29/2019	223.40	215.10	8.30
05S05E12J01S	10/30/2019	223.40	211.60	11.80
05S05E12J01S	3/19/2020	223.40	212.80	10.60
05S05E12J01S	7/2/2020	223.40	207.10	16.30
05S06E01C01S	5/9/2009	125.00	152.40	-27.40
05S06E01C01S	10/2/2009	125.00	155.00	-30.00
05S06E01C01S	1/20/2010	125.00	150.50	-25.50
05S06E01C01S	5/5/2010	125.00	153.50	-28.50
05S06E01J02S	5/8/2009	116.00	165.90	-49.90
05S06E01J02S	10/1/2009	116.00	168.70	-52.70
05S06E01J02S	1/20/2010	116.00	165.10	-49.10
05S06E01J02S	5/5/2010	116.00	166.70	-50.70
05S06E01K02S	5/8/2009	120.00	175.40	-55.40
05S06E01K02S	10/1/2009	120.00	179.20	-59.20
05S06E01K02S	1/20/2010	120.00	173.50	-53.50
05S06E01K02S	5/5/2010	120.00	176.30	-56.30
05S06E01R01S	12/9/2009	117.80	177.50	-59.70
05S06E01R01S	3/31/2010	117.80	177.80	-60.00
05S06E01R01S	8/11/2010	117.80	188.20	-70.40
05S06E01R02S	11/27/2018	118.20	176.00	-57.80
05S06E01R02S	4/17/2019	118.20	173.10	-54.90
05S06E01R02S	9/10/2019	118.20	178.20	-60.00
05S06E01R02S	12/11/2019	118.20	169.70	-51.50
05S06E01R02S	2/24/2020	118.20	167.50	-49.30
05S06E01R02S	7/15/2020	118.20	174.70	-56.50
05S06E02C01S	4/22/2010	150.90	192.80	-41.90
05S06E02C01S	8/11/2010	150.90	202.20	-51.30
05S06E02C01S	11/27/2018	150.90	195.70	-44.80
05S06E02C01S	4/17/2019	150.90	191.80	-40.90
05S06E02C01S	9/18/2019	150.90	196.90	-46.00
05S06E02C01S	12/3/2019	150.90	182.90	-32.00
05S06E02C01S	2/24/2020	150.90	178.30	-27.40
05S06E02C01S	7/15/2020	150.90	183.90	-33.00
05S06E02D01S	11/25/2009	155.00	195.80	-40.80
05S06E02D01S	4/30/2010	155.00	199.70	-44.70
05S06E02D01S	8/11/2010	155.00	198.70	-43.70
05S06E02G03S	11/24/2009	144.60	199.20	-54.60
05S06E02G03S	3/31/2010	144.60	196.90	-52.30
05S06E02G03S	8/13/2010	144.60	210.80	-66.20
05S06E02G03S	11/27/2018	144.60	192.10	-47.50
05S06E02G03S	4/17/2019	144.60	187.30	-42.70
05S06E02G03S	9/10/2019	144.60	192.60	-48.00
05S06E02G03S	12/3/2019	144.60	184.30	-39.70
05S06E02G03S	2/24/2020	144.60	177.40	-32.80
05S06E02G03S	7/15/2020	144.60	186.20	-41.60
05S06E02J01S	12/10/2009	134.70	204.00	-69.30
05S06E02J01S	4/22/2010	134.70	196.30	-61.60
05S06E02J01S	8/13/2010	134.70	205.40	-70.70
05S06E02J01S	11/27/2018	134.70	195.30	-60.60
05S06E02J01S	4/17/2019	134.70	191.10	-56.40
05S06E02J01S	9/13/2019	134.70	187.90	-53.20
05S06E02J01S	12/3/2019	134.70	184.50	-49.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E02J01S	3/25/2020	134.70	178.80	-44.10
05S06E02J01S	7/15/2020	134.70	182.60	-47.90
05S06E02M01S	11/25/2009	170.00	225.90	-55.90
05S06E03B02S	12/10/2009	182.50	225.90	-43.40
05S06E03B02S	4/29/2010	182.50	228.80	-46.30
05S06E03B02S	11/19/2018	182.50	203.30	-20.80
05S06E03B02S	4/17/2019	182.50	208.40	-25.90
05S06E03B02S	9/18/2019	182.50	214.30	-31.80
05S06E03B02S	11/13/2019	182.50	205.00	-22.50
05S06E03B02S	2/21/2020	182.50	200.60	-18.10
05S06E03B02S	6/10/2020	182.50	201.70	-19.20
05S06E03H01S	11/25/2009	195.00	236.90	-41.90
05S06E03H01S	5/14/2010	195.00	236.50	-41.50
05S06E03H01S	8/13/2010	195.00	234.10	-39.10
05S06E03L01S	12/10/2009	240.00	278.80	-38.80
05S06E03P01S	12/10/2009	245.70	279.50	-33.80
05S06E03P01S	11/20/2018	245.70	271.20	-25.50
05S06E03P01S	4/4/2019	245.70	268.20	-22.50
05S06E03P01S	9/9/2019	245.70	269.60	-23.90
05S06E03P01S	11/13/2019	245.70	268.70	-23.00
05S06E03P01S	2/21/2020	245.70	263.20	-17.50
05S06E03P01S	6/10/2020	245.70	266.40	-20.70
05S06E04A01S	11/5/2009	260.70	278.20	-17.50
05S06E04A01S	3/27/2019	260.70	271.70	-11.00
05S06E04A01S	9/10/2019	260.70	275.60	-14.90
05S06E04A01S	11/7/2019	260.70	273.00	-12.30
05S06E04A01S	2/26/2020	260.70	269.00	-8.30
05S06E04A01S	7/20/2020	260.70	271.50	-10.80
05S06E04B01S	11/20/2009	266.30	284.20	-17.90
05S06E04B01S	3/30/2010	266.30	284.70	-18.40
05S06E04B01S	8/13/2010	266.30	287.40	-21.10
05S06E04D03S	11/5/2009	271.98	289.20	-17.22
05S06E04D03S	3/30/2010	271.98	280.80	-8.82
05S06E04D03S	8/10/2010	271.98	292.10	-20.12
05S06E04D03S	11/7/2018	271.98	281.20	-9.22
05S06E04D03S	3/27/2019	271.98	274.50	-2.52
05S06E04D03S	9/10/2019	271.98	279.20	-7.22
05S06E04D03S	11/26/2019	271.98	275.60	-3.62
05S06E04D03S	3/19/2020	271.98	271.40	0.58
05S06E04D03S	7/1/2020	271.98	275.60	-3.62
05S06E04N02S	9/18/2019	244.70	251.70	-7.00
05S06E04N02S	11/13/2019	244.70	255.90	-11.20
05S06E04N02S	2/21/2020	244.70	249.80	-5.10
05S06E04N02S	6/4/2020	244.70	252.00	-7.30
05S06E04P01S	11/5/2009	240.90	267.60	-26.70
05S06E04P01S	3/30/2010	240.90	259.00	-18.10
05S06E04P01S	8/13/2010	240.90	266.80	-25.90
05S06E05A01S	11/24/2009	282.00	292.90	-10.90
05S06E05A01S	3/30/2010	282.00	278.90	3.10
05S06E05A01S	8/10/2010	282.00	294.00	-12.00
05S06E05B01S	11/20/2009	285.00	288.00	-3.00
05S06E05B01S	3/30/2010	285.00	280.20	4.80
05S06E05B01S	8/10/2010	285.00	286.10	-1.10
05S06E05K01S	11/20/2009	260.00	264.30	-4.30
05S06E05K01S	3/30/2010	260.00	259.40	0.60
05S06E05K01S	8/10/2010	260.00	268.60	-8.60
05S06E05M01S	11/20/2009	262.00	262.00	0.00
05S06E05M01S	3/31/2010	262.00	264.50	-2.50
05S06E05M01S	8/10/2010	262.00	272.80	-10.80
05S06E05Q01S	11/6/2018	244.70	249.50	-4.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E05Q01S	3/26/2019	244.70	244.40	0.30
05S06E05Q01S	9/9/2019	244.70	247.80	-3.10
05S06E05Q01S	12/6/2019	244.70	243.50	1.20
05S06E05Q01S	2/26/2020	244.70	242.30	2.40
05S06E05Q01S	7/2/2020	244.70	242.90	1.80
05S06E06B03S	8/11/2010	283.40	272.30	11.10
05S06E06B03S	11/7/2018	283.40	262.00	21.40
05S06E06B03S	3/26/2019	283.40	272.70	10.70
05S06E06B03S	9/9/2019	283.40	270.40	13.00
05S06E06B03S	12/5/2019	283.40	265.00	18.40
05S06E06B03S	2/28/2020	283.40	257.80	25.60
05S06E06B03S	7/2/2020	283.40	256.70	26.70
05S06E06C01S	11/24/2009	285.00	255.30	29.70
05S06E06C01S	3/31/2010	285.00	251.00	34.00
05S06E06C01S	8/11/2010	285.00	254.50	30.50
05S06E06C02S	11/6/2009	284.00	255.20	28.80
05S06E06C02S	11/10/2009	284.00	257.80	26.20
05S06E06C02S	3/31/2010	284.00	250.10	33.90
05S06E06C02S	8/11/2010	284.00	260.50	23.50
05S06E06Q01S	5/1/2009	220.30	217.30	3.00
05S06E06Q01S	1/19/2010	220.30	213.20	7.10
05S06E06Q01S	5/26/2010	220.30	218.10	2.20
05S06E06Q01S	8/11/2010	220.30	221.50	-1.20
05S06E06Q01S	9/7/2010	220.30	220.80	-0.50
05S06E06Q01S	11/7/2018	220.30	211.30	9.00
05S06E06Q01S	3/26/2019	220.30	206.00	14.30
05S06E06Q01S	9/9/2019	220.30	210.10	10.20
05S06E06Q01S	12/5/2019	220.30	205.80	14.50
05S06E06Q01S	12/5/2019	220.30	205.80	14.50
05S06E06Q01S	2/28/2020	220.30	204.50	15.80
05S06E06Q01S	2/28/2020	220.30	204.50	15.80
05S06E06Q01S	7/1/2020	220.30	206.80	13.50
05S06E06Q01S	7/1/2020	220.30	206.80	13.50
05S06E06Q02S	11/7/2018	220.00	215.20	4.80
05S06E06Q02S	3/26/2019	220.00	209.90	10.10
05S06E06Q02S	9/9/2019	220.00	213.80	6.20
05S06E06Q02S	12/5/2019	220.00	209.30	10.70
05S06E06Q02S	2/28/2020	220.00	208.40	11.60
05S06E06Q02S	7/1/2020	220.00	210.20	9.80
05S06E07B01S	3/31/2010	215.00	216.90	-1.90
05S06E07B01S	8/11/2010	215.00	221.40	-6.40
05S06E07C02S	11/6/2009	220.00	212.30	7.70
05S06E07C02S	4/16/2010	220.00	211.50	8.50
05S06E07C02S	8/11/2010	220.00	213.10	6.90
05S06E07J01S	11/24/2009	210.00	210.70	-0.70
05S06E07J01S	4/16/2010	210.00	206.60	3.40
05S06E07J01S	8/11/2010	210.00	221.20	-11.20
05S06E07J04S	11/24/2009	202.80	217.30	-14.50
05S06E07J04S	4/16/2010	202.80	215.20	-12.40
05S06E07J04S	8/11/2010	202.80	219.30	-16.50
05S06E07J04S	11/5/2018	202.80	206.30	-3.50
05S06E07J04S	3/25/2019	202.80	200.00	2.80
05S06E07J04S	9/5/2019	202.80	204.80	-2.00
05S06E07J04S	11/22/2019	202.80	201.50	1.30
05S06E07J04S	2/25/2020	202.80	199.70	3.10
05S06E07J04S	9/30/2020	202.80	201.50	1.30
05S06E07Q03S	11/24/2009	210.00	213.20	-3.20
05S06E07R02S	10/10/2009	196.90	211.30	-14.40
05S06E07R02S	8/11/2010	196.90	216.50	-19.60
05S06E08E01S	12/15/2009	211.10	234.20	-23.10

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E08E01S	4/16/2010	211.10	229.50	-18.40
05S06E08E01S	8/12/2010	211.10	230.20	-19.10
05S06E08E01S	11/5/2018	211.10	227.30	-16.20
05S06E08E01S	1/14/2019	211.10	209.80	1.30
05S06E08E01S	3/26/2019	211.10	221.70	-10.60
05S06E08E01S	9/5/2019	211.10	228.50	-17.40
05S06E08E01S	1/14/2020	211.10	209.80	1.30
05S06E08E01S	3/19/2020	211.10	217.20	-6.10
05S06E08E01S	7/1/2020	211.10	212.20	-1.10
05S06E08F01S	8/12/2010	200.50	224.00	-23.50
05S06E08M03S	10/13/2009	202.60	226.60	-24.00
05S06E08M03S	1/12/2010	202.60	220.00	-17.40
05S06E08M03S	4/15/2010	202.60	212.40	-9.80
05S06E08M03S	7/13/2010	202.60	219.50	-16.90
05S06E08M03S	11/5/2018	202.60	217.20	-14.60
05S06E08M03S	3/26/2019	202.60	201.00	1.60
05S06E08M03S	9/5/2019	202.60	214.40	-11.80
05S06E08M03S	11/26/2019	202.60	205.50	-2.90
05S06E08M03S	3/25/2020	202.60	201.30	1.30
05S06E08M03S	7/20/2020	202.60	205.30	-2.70
05S06E08N02S	12/14/2009	192.20	215.00	-22.80
05S06E08N02S	4/16/2010	192.20	216.50	-24.30
05S06E08N02S	11/5/2018	192.20	206.60	-14.40
05S06E08N02S	3/26/2019	192.20	199.00	-6.80
05S06E08N02S	9/5/2019	192.20	204.20	-12.00
05S06E08N02S	10/15/2019	192.20	204.60	-12.40
05S06E08N02S	2/25/2020	192.20	197.00	-4.80
05S06E08N02S	6/30/2020	192.20	199.00	-6.80
05S06E08N03S	12/4/2009	200.00	223.70	-23.70
05S06E08N03S	4/15/2010	200.00	226.90	-26.90
05S06E08N03S	8/12/2010	200.00	222.40	-22.40
05S06E08P01S	12/15/2009	200.00	209.50	-9.50
05S06E08P01S	8/12/2010	200.00	214.60	-14.60
05S06E09A01S	12/10/2009	242.00	269.30	-27.30
05S06E09A01S	4/22/2010	242.00	268.30	-26.30
05S06E09A01S	8/12/2010	242.00	270.10	-28.10
05S06E09A01S	11/19/2018	242.00	262.00	-20.00
05S06E09A01S	4/3/2019	242.00	254.50	-12.50
05S06E09A01S	9/9/2019	242.00	257.50	-15.50
05S06E09A01S	10/9/2019	242.00	258.50	-16.50
05S06E09A01S	2/21/2020	242.00	253.60	-11.60
05S06E09A01S	3/3/2020	242.00	253.40	-11.40
05S06E09A01S	7/1/2020	242.00	256.50	-14.50
05S06E09B01S	8/12/2010	242.00	261.40	-19.40
05S06E09C01S	12/10/2009	242.90	264.40	-21.50
05S06E09C01S	3/31/2010	242.90	261.20	-18.30
05S06E09C01S	8/12/2010	242.90	266.00	-23.10
05S06E09C01S	11/19/2018	242.90	260.20	-17.30
05S06E09C01S	4/3/2019	242.90	255.50	-12.60
05S06E09C01S	9/9/2019	242.90	256.70	-13.80
05S06E09C01S	10/9/2019	242.90	254.00	-11.10
05S06E09C01S	2/21/2020	242.90	250.50	-7.60
05S06E09C01S	7/1/2020	242.90	252.30	-9.40
05S06E09E01S	12/11/2009	196.70	221.80	-25.10
05S06E09E01S	4/29/2010	196.70	223.50	-26.80
05S06E09E01S	11/16/2018	196.70	221.70	-25.00
05S06E09E01S	4/3/2019	196.70	219.30	-22.60
05S06E09E01S	10/1/2019	196.70	216.20	-19.50
05S06E09E01S	3/31/2020	196.70	200.70	-4.00
05S06E09E01S	6/10/2020	196.70	203.70	-7.00

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E09F01S	12/10/2009	209.60	236.40	-26.80
05S06E09F01S	3/31/2010	209.60	233.00	-23.40
05S06E09F01S	8/12/2010	209.60	238.90	-29.30
05S06E09F01S	11/19/2018	209.60	228.00	-18.40
05S06E09F01S	4/3/2019	209.60	223.50	-13.90
05S06E09F01S	9/25/2019	209.60	224.50	-14.90
05S06E09F01S	10/9/2019	209.60	224.40	-14.80
05S06E09F01S	2/21/2020	209.60	218.40	-8.80
05S06E09F01S	3/6/2020	209.60	216.70	-7.10
05S06E09F01S	6/4/2020	209.60	217.80	-8.20
05S06E09F01S	7/1/2020	209.60	218.30	-8.70
05S06E09F01S	9/3/2020	209.60	219.00	-9.40
05S06E09M01S	11/5/2009	188.10	221.30	-33.20
05S06E09M01S	1/12/2010	188.10	225.30	-37.20
05S06E09M01S	4/13/2010	188.10	217.20	-29.10
05S06E09M01S	7/13/2010	188.10	219.20	-31.10
05S06E09M01S	4/3/2019	188.10	221.60	-33.50
05S06E09M01S	9/11/2019	188.10	219.60	-31.50
05S06E09M01S	12/12/2019	188.10	206.30	-18.20
05S06E09M01S	3/24/2020	188.10	207.00	-18.90
05S06E09M01S	7/29/2020	188.10	207.60	-19.50
05S06E09M02S	10/13/2009	200.00	235.80	-35.80
05S06E09M02S	2/10/2010	200.00	210.60	-10.60
05S06E09M02S	4/13/2010	200.00	213.70	-13.70
05S06E09M02S	7/14/2010	200.00	222.40	-22.40
05S06E09M02S	10/12/2018	200.00	208.60	-8.60
05S06E09M02S	4/3/2019	200.00	205.30	-5.30
05S06E09M02S	10/1/2019	200.00	209.40	-9.40
05S06E09M02S	3/13/2020	200.00	201.20	-1.20
05S06E09M02S	3/25/2020	200.00	217.30	-17.30
05S06E09M02S	7/17/2020	200.00	208.70	-8.70
05S06E09M03S	2/4/2020	194.90	198.90	-4.00
05S06E09M03S	3/13/2020	194.90	197.30	-2.40
05S06E09M03S	6/9/2020	194.90	196.80	-1.90
05S06E09M03S	9/14/2020	194.90	197.90	-3.00
05S06E09P01S	10/13/2009	195.20	229.00	-33.80
05S06E09P01S	1/12/2010	195.20	226.70	-31.50
05S06E09P01S	4/12/2010	195.20	222.60	-27.40
05S06E09P01S	7/14/2010	195.20	234.20	-39.00
05S06E09P01S	11/16/2018	195.20	230.40	-35.20
05S06E09P01S	4/2/2019	195.20	231.30	-36.10
05S06E09P01S	10/10/2019	195.20	224.90	-29.70
05S06E09P02S	7/19/2019	196.30	209.50	-13.20
05S06E09P02S	7/24/2019	196.30	210.60	-14.30
05S06E09P02S	8/30/2019	196.30	209.60	-13.30
05S06E09P02S	9/30/2019	196.30	209.10	-12.80
05S06E09P02S	10/16/2019	196.30	208.20	-11.90
05S06E09P02S	3/3/2020	196.30	204.30	-8.00
05S06E09P02S	3/24/2020	196.30	204.00	-7.70
05S06E09P02S	6/8/2020	196.30	202.80	-6.50
05S06E09P02S	7/27/2020	196.30	203.00	-6.70
05S06E09P02S	8/18/2020	196.30	203.60	-7.30
05S06E09Q01S	10/13/2009	192.30	229.70	-37.40
05S06E09Q01S	3/17/2010	192.30	221.30	-29.00
05S06E09Q01S	4/15/2010	192.30	223.30	-31.00
05S06E09Q01S	7/13/2010	192.30	226.20	-33.90
05S06E09Q01S	9/11/2019	192.30	214.10	-21.80
05S06E09Q01S	11/13/2019	192.30	212.20	-19.90
05S06E09Q01S	3/24/2020	192.30	206.50	-14.20
05S06E09Q01S	7/15/2020	192.30	208.70	-16.40

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E10A01S	11/25/2009	209.97	271.80	-61.83
05S06E10E01S	11/25/2009	237.80	242.40	-4.60
05S06E10E01S	3/31/2010	237.80	242.80	-5.00
05S06E10E01S	8/12/2010	237.80	240.90	-3.10
05S06E10E01S	11/20/2018	237.80	247.80	-10.00
05S06E10E01S	4/4/2019	237.80	247.80	-10.00
05S06E10E01S	9/9/2019	237.80	247.80	-10.00
05S06E10E01S	10/9/2019	237.80	247.90	-10.10
05S06E10E01S	11/13/2019	237.80	247.80	-10.00
05S06E10E01S	2/24/2020	237.80	252.50	-14.70
05S06E10E01S	7/1/2020	237.80	254.90	-17.10
05S06E10J01S	7/19/2019	233.60	257.70	-24.10
05S06E10J01S	7/24/2019	233.60	257.60	-24.00
05S06E10J01S	8/30/2019	233.60	257.20	-23.60
05S06E10J01S	9/30/2019	233.60	255.80	-22.20
05S06E10J01S	10/16/2019	233.60	254.90	-21.30
05S06E10J01S	3/3/2020	233.60	250.40	-16.80
05S06E10J01S	6/8/2020	233.60	248.70	-15.10
05S06E10J01S	7/27/2020	233.60	250.30	-16.70
05S06E10J01S	8/18/2020	233.60	251.00	-17.40
05S06E10L01S	11/6/2009	228.90	266.50	-37.60
05S06E10L01S	2/10/2010	228.90	276.90	-48.00
05S06E10L01S	4/15/2010	228.90	261.50	-32.60
05S06E10L01S	7/16/2010	228.90	266.50	-37.60
05S06E10L01S	1/3/2019	228.90	275.60	-46.70
05S06E10L01S	5/29/2019	228.90	277.40	-48.50
05S06E10L01S	7/23/2019	228.90	260.50	-31.60
05S06E10L01S	12/12/2019	228.90	250.90	-22.00
05S06E10L01S	3/4/2020	228.90	248.20	-19.30
05S06E10L01S	6/4/2020	228.90	248.40	-19.50
05S06E10L01S	8/18/2020	228.90	250.50	-21.60
05S06E11B01S	4/29/2010	170.20	225.30	-55.10
05S06E11B01S	11/27/2018	170.20	220.20	-50.00
05S06E11B01S	4/17/2019	170.20	213.80	-43.60
05S06E11B01S	9/25/2019	170.20	217.00	-46.80
05S06E11B01S	12/11/2019	170.20	214.30	-44.10
05S06E11B01S	3/25/2020	170.20	216.30	-46.10
05S06E11B01S	8/5/2020	170.20	212.50	-42.30
05S06E11D02S	11/25/2009	213.25	263.60	-50.35
05S06E11D02S	5/4/2010	213.25	262.20	-48.95
05S06E12M01S	5/8/2009	158.00	211.20	-53.20
05S06E12M01S	10/6/2009	158.00	216.80	-58.80
05S06E12M01S	1/28/2010	158.00	218.30	-60.30
05S06E12M01S	5/6/2010	158.00	212.50	-54.50
05S06E12M02S	5/8/2009	150.00	203.30	-53.30
05S06E12M02S	10/6/2009	150.00	205.20	-55.20
05S06E12M02S	1/28/2010	150.00	195.80	-45.80
05S06E12M02S	5/6/2010	150.00	197.10	-47.10
05S06E12N01S	5/8/2009	178.10	236.30	-58.20
05S06E12N01S	10/6/2009	178.10	241.80	-63.70
05S06E12N01S	2/4/2010	178.10	233.40	-55.30
05S06E12N01S	5/6/2010	178.10	234.80	-56.70
05S06E12N01S	11/21/2018	178.10	232.10	-54.00
05S06E12N01S	3/19/2019	178.10	227.40	-49.30
05S06E12N01S	9/10/2019	178.10	229.70	-51.60
05S06E12N01S	12/4/2019	178.10	227.70	-49.60
05S06E12N01S	3/25/2020	178.10	222.10	-44.00
05S06E12N01S	7/10/2020	178.10	225.80	-47.70
05S06E12N01S	8/3/2020	178.10	223.40	-45.30
05S06E12Q03S	5/29/2009	136.40	210.00	-73.60

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E12Q03S	2/9/2010	136.40	204.90	-68.50
05S06E12Q03S	5/6/2010	136.40	209.10	-72.70
05S06E12Q03S	11/21/2018	136.40	205.60	-69.20
05S06E12Q03S	4/16/2019	136.40	205.00	-68.60
05S06E12Q03S	9/10/2019	136.40	207.80	-71.40
05S06E12Q03S	12/12/2019	136.40	188.30	-51.90
05S06E12Q03S	3/26/2020	136.40	187.70	-51.30
05S06E12Q03S	5/12/2020	136.40	186.90	-50.50
05S06E12Q03S	6/5/2020	136.40	186.50	-50.10
05S06E12Q03S	9/15/2020	136.40	194.50	-58.10
05S06E13B01S	5/8/2009	145.20	218.60	-73.40
05S06E13B01S	5/6/2010	145.20	216.50	-71.30
05S06E13D01S	5/29/2009	169.90	233.30	-63.40
05S06E13D01S	10/6/2009	169.90	235.20	-65.30
05S06E13D01S	2/4/2010	169.90	230.00	-60.10
05S06E13D01S	5/6/2010	169.90	231.50	-61.60
05S06E13D01S	11/21/2018	169.90	226.00	-56.10
05S06E13D01S	3/19/2019	169.90	221.60	-51.70
05S06E13D01S	9/10/2019	169.90	224.10	-54.20
05S06E13D01S	12/10/2019	169.90	219.80	-49.90
05S06E13D01S	12/10/2019	169.90	219.80	-49.90
05S06E13D01S	3/25/2020	169.90	216.10	-46.20
05S06E13D01S	3/25/2020	169.90	216.10	-46.20
05S06E13D01S	7/8/2020	169.90	218.30	-48.40
05S06E13D01S	7/8/2020	169.90	218.30	-48.40
05S06E13G02S	5/29/2009	157.90	225.90	-68.00
05S06E13G02S	10/6/2009	157.90	228.30	-70.40
05S06E13G02S	2/4/2010	157.90	220.80	-62.90
05S06E13G02S	5/7/2010	157.90	223.60	-65.70
05S06E13G02S	11/21/2018	157.90	218.30	-60.40
05S06E13G02S	3/19/2019	157.90	214.00	-56.10
05S06E13G02S	9/10/2019	157.90	217.20	-59.30
05S06E13G02S	12/10/2019	157.90	213.70	-55.80
05S06E13G02S	12/10/2019	157.90	213.70	-55.80
05S06E13G02S	3/4/2020	157.90	211.70	-53.80
05S06E13G02S	3/24/2020	157.90	210.00	-52.10
05S06E13G02S	3/24/2020	157.90	210.00	-52.10
05S06E13G02S	5/29/2020	157.90	213.10	-55.20
05S06E13G02S	6/12/2020	157.90	212.10	-54.20
05S06E13G02S	6/12/2020	157.90	212.10	-54.20
05S06E13G03S	2/4/2020	160.00	210.50	-50.50
05S06E13G03S	3/11/2020	160.00	209.30	-49.30
05S06E13G03S	6/9/2020	160.00	209.30	-49.30
05S06E13G03S	9/14/2020	160.00	210.20	-50.20
05S06E13M01S	5/29/2009	199.10	261.00	-61.90
05S06E13M01S	2/4/2010	199.10	257.40	-58.30
05S06E13M01S	5/6/2010	199.10	259.10	-60.00
05S06E13M01S	3/21/2019	199.10	248.60	-49.50
05S06E13M01S	9/17/2019	199.10	250.40	-51.30
05S06E13M01S	12/11/2019	199.10	247.80	-48.70
05S06E13M01S	3/19/2020	199.10	243.80	-44.70
05S06E13M01S	8/5/2020	199.10	246.70	-47.60
05S06E13R01S	10/8/2009	147.70	224.70	-77.00
05S06E13R01S	2/9/2010	147.70	221.60	-73.90
05S06E13R01S	11/21/2018	147.70	219.50	-71.80
05S06E13R01S	4/16/2019	147.70	211.40	-63.70
05S06E13R01S	9/10/2019	147.70	212.90	-65.20
05S06E13R01S	12/4/2019	147.70	217.80	-70.10
05S06E13R01S	5/12/2020	147.70	206.70	-59.00
05S06E13R01S	7/8/2020	147.70	208.50	-60.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E14B02S	5/29/2009	215.20	265.10	-49.90
05S06E14B02S	10/6/2009	215.20	268.30	-53.10
05S06E14B02S	2/4/2010	215.20	263.80	-48.60
05S06E14B02S	5/7/2010	215.20	263.90	-48.70
05S06E14B02S	11/21/2018	215.20	259.20	-44.00
05S06E14B02S	3/19/2019	215.20	255.20	-40.00
05S06E14B02S	9/10/2019	215.20	257.80	-42.60
05S06E14B02S	12/12/2019	215.20	253.30	-38.10
05S06E14B02S	3/3/2020	215.20	249.20	-34.00
05S06E14B02S	3/25/2020	215.20	249.00	-33.80
05S06E14B02S	6/3/2020	215.20	249.50	-34.30
05S06E14B02S	7/10/2020	215.20	250.30	-35.10
05S06E14B02S	9/2/2020	215.20	250.00	-34.80
05S06E14G01S	11/5/2009	206.70	266.20	-59.50
05S06E14G01S	2/10/2010	206.70	257.60	-50.90
05S06E14G01S	4/13/2010	206.70	258.50	-51.80
05S06E14G01S	7/14/2010	206.70	264.50	-57.80
05S06E14G01S	11/21/2018	206.70	260.70	-54.00
05S06E14G01S	4/16/2019	206.70	250.60	-43.90
05S06E14G01S	9/17/2019	206.70	257.20	-50.50
05S06E14G01S	12/11/2019	206.70	247.50	-40.80
05S06E14G01S	3/11/2020	206.70	244.40	-37.70
05S06E14G01S	7/8/2020	206.70	245.70	-39.00
05S06E14G03S	11/21/2018	210.20	256.00	-45.80
05S06E14G03S	3/28/2019	210.20	252.20	-42.00
05S06E14G03S	4/26/2019	210.20	251.80	-41.60
05S06E14G03S	5/31/2019	210.20	251.70	-41.50
05S06E14G03S	6/26/2019	210.20	251.60	-41.40
05S06E14G03S	7/19/2019	210.20	252.00	-41.80
05S06E14G03S	7/31/2019	210.20	252.30	-42.10
05S06E14G03S	8/30/2019	210.20	252.40	-42.20
05S06E14G03S	10/16/2019	210.20	251.60	-41.40
05S06E14G03S	11/26/2019	210.20	250.70	-40.50
05S06E14G03S	12/24/2019	210.20	249.40	-39.20
05S06E14G03S	2/11/2020	210.20	247.80	-37.60
05S06E14G03S	3/3/2020	210.20	246.80	-36.60
05S06E14G03S	6/10/2020	210.20	245.50	-35.30
05S06E14G03S	7/27/2020	210.20	246.00	-35.80
05S06E14G03S	8/18/2020	210.20	246.40	-36.20
05S06E14G03S	9/2/2020	210.20	246.70	-36.50
05S06E14P02S	10/15/2009	170.00	225.80	-55.80
05S06E14P02S	1/12/2010	170.00	212.10	-42.10
05S06E14P02S	4/13/2010	170.00	211.10	-41.10
05S06E14P02S	7/13/2010	170.00	222.30	-52.30
05S06E14P02S	11/20/2018	170.00	205.70	-35.70
05S06E14P02S	4/9/2019	170.00	201.70	-31.70
05S06E14P02S	7/23/2019	170.00	204.80	-34.80
05S06E14P02S	9/10/2019	170.00	203.00	-33.00
05S06E14P02S	12/11/2019	170.00	198.50	-28.50
05S06E14P02S	3/3/2020	170.00	197.20	-27.20
05S06E14P02S	7/10/2020	170.00	198.30	-28.30
05S06E14P03S	11/20/2018	163.50	210.50	-47.00
05S06E14P03S	3/28/2019	163.50	208.00	-44.50
05S06E14P03S	4/26/2019	163.50	207.40	-43.90
05S06E14P03S	5/21/2019	163.50	207.20	-43.70
05S06E14P03S	6/26/2019	163.50	207.30	-43.80
05S06E14P03S	7/31/2019	163.50	207.10	-43.60
05S06E14P03S	8/30/2019	163.50	206.50	-43.00
05S06E14P03S	10/16/2019	163.50	207.20	-43.70
05S06E14P03S	11/26/2019	163.50	206.70	-43.20

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E14P03S	12/24/2019	163.50	205.70	-42.20
05S06E14P03S	2/11/2020	163.50	204.30	-40.80
05S06E14P03S	3/3/2020	163.50	203.20	-39.70
05S06E14P03S	6/10/2020	163.50	201.50	-38.00
05S06E14P03S	7/27/2020	163.50	201.60	-38.10
05S06E14P03S	8/18/2020	163.50	201.90	-38.40
05S06E14P03S	9/2/2020	163.50	202.10	-38.60
05S06E15F01S	10/13/2009	180.00	207.30	-27.30
05S06E15F01S	1/12/2010	180.00	205.70	-25.70
05S06E15F01S	4/13/2010	180.00	199.10	-19.10
05S06E15F01S	7/13/2010	180.00	209.40	-29.40
05S06E15F01S	11/30/2018	180.00	206.30	-26.30
05S06E15F01S	3/28/2019	180.00	196.70	-16.70
05S06E15F01S	4/26/2019	180.00	195.10	-15.10
05S06E15F01S	5/31/2019	180.00	194.30	-14.30
05S06E15F01S	6/26/2019	180.00	193.90	-13.90
05S06E15F01S	7/23/2019	180.00	192.80	-12.80
05S06E15F01S	8/30/2019	180.00	191.10	-11.10
05S06E15F01S	11/26/2019	180.00	186.40	-6.40
05S06E15F01S	12/24/2019	180.00	186.40	-6.40
05S06E15F01S	2/11/2020	180.00	183.60	-3.60
05S06E15F01S	3/26/2020	180.00	196.00	-16.00
05S06E15F01S	6/23/2020	180.00	181.10	-1.10
05S06E15F01S	7/27/2020	180.00	187.20	-7.20
05S06E15F01S	8/19/2020	180.00	187.10	-7.10
05S06E15F01S	9/15/2020	180.00	187.00	-7.00
05S06E15H01S	11/5/2009	191.80	237.00	-45.20
05S06E15H01S	4/15/2010	191.80	242.10	-50.30
05S06E15H01S	7/13/2010	191.80	235.10	-43.30
05S06E15H01S	11/20/2018	191.80	247.70	-55.90
05S06E15H01S	4/9/2019	191.80	248.10	-56.30
05S06E15H01S	7/23/2019	191.80	245.90	-54.10
05S06E15H01S	12/18/2019	191.80	226.70	-34.90
05S06E15H01S	1/8/2020	191.80	217.60	-25.80
05S06E15H01S	3/4/2020	191.80	216.90	-25.10
05S06E15H01S	6/5/2020	191.80	217.10	-25.30
05S06E15H01S	8/18/2020	191.80	218.50	-26.70
05S06E15M01S	10/13/2009	162.20	194.30	-32.10
05S06E15M01S	1/12/2010	162.20	193.20	-31.00
05S06E15M01S	4/13/2010	162.20	188.90	-26.70
05S06E15M01S	7/13/2010	162.20	191.30	-29.10
05S06E15M01S	11/20/2018	162.20	185.70	-23.50
05S06E15M01S	3/28/2019	162.20	183.50	-21.30
05S06E15M01S	4/26/2019	162.20	181.10	-18.90
05S06E15M01S	5/31/2019	162.20	179.30	-17.10
05S06E15M01S	7/23/2019	162.20	177.90	-15.70
05S06E15M01S	8/30/2019	162.20	177.70	-15.50
05S06E15M01S	11/26/2019	162.20	174.90	-12.70
05S06E15M01S	12/24/2019	162.20	174.00	-11.80
05S06E15M01S	2/11/2020	162.20	172.30	-10.10
05S06E15M01S	3/26/2020	162.20	170.50	-8.30
05S06E15M01S	6/23/2020	162.20	168.60	-6.40
05S06E15M01S	7/27/2020	162.20	170.70	-8.50
05S06E15M01S	8/19/2020	162.20	171.20	-9.00
05S06E15M01S	9/10/2020	162.20	171.60	-9.40
05S06E15P01S	10/13/2009	152.20	190.00	-37.80
05S06E15P01S	1/12/2010	152.20	188.80	-36.60
05S06E15P01S	4/13/2010	152.20	185.10	-32.90
05S06E15P01S	7/13/2010	152.20	187.30	-35.10
05S06E15P01S	11/30/2018	152.20	179.80	-27.60

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E15P01S	3/28/2019	152.20	175.80	-23.60
05S06E15P01S	4/26/2019	152.20	174.80	-22.60
05S06E15P01S	5/31/2019	152.20	174.00	-21.80
05S06E15P01S	6/26/2019	152.20	174.90	-22.70
05S06E15P01S	7/23/2019	152.20	173.60	-21.40
05S06E15P01S	8/30/2019	152.20	173.20	-21.00
05S06E15P01S	11/26/2019	152.20	171.00	-18.80
05S06E15P01S	12/24/2019	152.20	169.80	-17.60
05S06E15P01S	2/11/2020	152.20	168.20	-16.00
05S06E15P01S	3/31/2020	152.20	166.80	-14.60
05S06E15P01S	6/17/2020	152.20	165.20	-13.00
05S06E15P01S	7/27/2020	152.20	166.20	-14.00
05S06E15P01S	8/19/2020	152.20	166.80	-14.60
05S06E15P01S	9/10/2020	152.20	171.60	-19.40
05S06E16A02S	10/15/2009	179.60	217.90	-38.30
05S06E16A02S	1/12/2010	179.60	212.40	-32.80
05S06E16A02S	4/13/2010	179.60	211.00	-31.40
05S06E16A02S	7/13/2010	179.60	216.50	-36.90
05S06E16A02S	11/20/2018	179.60	207.20	-27.60
05S06E16A02S	4/4/2019	179.60	199.80	-20.20
05S06E16A02S	9/9/2019	179.60	202.70	-23.10
05S06E16A02S	11/18/2019	179.60	201.90	-22.30
05S06E16A02S	2/24/2020	179.60	194.30	-14.70
05S06E16A02S	7/1/2020	179.60	196.30	-16.70
05S06E16A03S	11/20/2018	182.50	203.60	-21.10
05S06E16A03S	3/28/2019	182.50	203.00	-20.50
05S06E16A03S	4/26/2019	182.50	201.80	-19.30
05S06E16A03S	5/31/2019	182.50	200.70	-18.20
05S06E16A03S	6/26/2019	182.50	200.40	-17.90
05S06E16A03S	7/19/2019	182.50	200.00	-17.50
05S06E16A03S	7/30/2019	182.50	199.80	-17.30
05S06E16A03S	8/30/2019	182.50	199.20	-16.70
05S06E16A03S	10/16/2019	182.50	197.50	-15.00
05S06E16A03S	11/26/2019	182.50	196.40	-13.90
05S06E16A03S	12/24/2019	182.50	195.40	-12.90
05S06E16A03S	12/24/2019	182.50	195.40	-12.90
05S06E16A03S	2/11/2020	182.50	194.20	-11.70
05S06E16A03S	2/11/2020	182.50	194.20	-11.70
05S06E16A03S	3/3/2020	182.50	193.10	-10.60
05S06E16A03S	6/10/2020	182.50	190.20	-7.70
05S06E16A03S	6/10/2020	182.50	190.20	-7.70
05S06E16A03S	7/27/2020	182.50	191.30	-8.80
05S06E16A03S	8/18/2020	182.50	192.20	-9.70
05S06E16A03S	9/2/2020	182.50	192.60	-10.10
05S06E16A04S	10/12/2018	179.50	206.90	-27.40
05S06E16A04S	4/4/2019	179.50	200.60	-21.10
05S06E16A04S	7/23/2019	179.50	203.90	-24.40
05S06E16A04S	9/9/2019	179.50	204.00	-24.50
05S06E16A04S	11/13/2019	179.50	203.20	-23.70
05S06E16A04S	2/24/2020	179.50	196.80	-17.30
05S06E16A04S	3/3/2020	179.50	196.10	-16.60
05S06E16A04S	7/1/2020	179.50	197.50	-18.00
05S06E16E01S	10/15/2009	179.90	214.80	-34.90
05S06E16E01S	2/10/2010	179.90	212.70	-32.80
05S06E16E01S	4/15/2010	179.90	207.80	-27.90
05S06E16E01S	7/13/2010	179.90	213.40	-33.50
05S06E16E01S	11/16/2018	179.90	231.70	-51.80
05S06E16E01S	4/2/2019	179.90	224.10	-44.20
05S06E16E01S	9/13/2019	179.90	226.90	-47.00
05S06E16E01S	12/13/2019	179.90	195.30	-15.40

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E16E01S	12/17/2019	179.90	194.80	-14.90
05S06E16E01S	3/3/2020	179.90	193.80	-13.90
05S06E16E01S	7/29/2020	179.90	196.40	-16.50
05S06E16H01S	10/13/2009	165.00	195.80	-30.80
05S06E16H01S	1/12/2010	165.00	191.30	-26.30
05S06E16H01S	4/13/2010	165.00	189.20	-24.20
05S06E16H01S	7/13/2010	165.00	193.60	-28.60
05S06E16K03S	10/15/2009	164.00	204.00	-40.00
05S06E16K03S	1/13/2010	164.00	196.70	-32.70
05S06E16K03S	4/15/2010	164.00	195.10	-31.10
05S06E16K03S	7/14/2010	164.00	203.90	-39.90
05S06E16K03S	11/9/2018	164.00	210.80	-46.80
05S06E16K03S	4/2/2019	164.00	204.20	-40.20
05S06E16K03S	7/23/2019	164.00	207.00	-43.00
05S06E16K03S	9/13/2019	164.00	210.10	-46.10
05S06E16K03S	12/13/2019	164.00	183.10	-19.10
05S06E16K03S	12/17/2019	164.00	183.40	-19.40
05S06E16K03S	3/24/2020	164.00	181.50	-17.50
05S06E16K03S	6/10/2020	164.00	185.20	-21.20
05S06E16L01S	10/15/2009	172.80	209.20	-36.40
05S06E16L01S	1/13/2010	172.80	205.70	-32.90
05S06E16L01S	4/13/2010	172.80	202.50	-29.70
05S06E16L01S	7/14/2010	172.80	207.70	-34.90
05S06E16L01S	11/9/2018	172.80	211.40	-38.60
05S06E16L01S	4/2/2019	172.80	204.50	-31.70
05S06E16L01S	9/11/2019	172.80	195.60	-22.80
05S06E16L01S	11/13/2019	172.80	194.80	-22.00
05S06E16L01S	3/3/2020	172.80	196.50	-23.70
05S06E16L01S	6/10/2020	172.80	188.30	-15.50
05S06E16N02S	5/1/2009	181.60	211.80	-30.20
05S06E16N02S	10/15/2009	181.60	218.10	-36.50
05S06E16N02S	1/13/2010	181.60	213.00	-31.40
05S06E16N02S	4/13/2010	181.60	210.10	-28.50
05S06E16N02S	7/16/2010	181.60	211.90	-30.30
05S06E16N02S	11/20/2018	181.60	205.50	-23.90
05S06E16N02S	3/20/2019	181.60	199.60	-18.00
05S06E16N02S	9/9/2019	181.60	204.10	-22.50
05S06E16N02S	12/18/2019	181.60	199.70	-18.10
05S06E16N02S	3/12/2020	181.60	195.70	-14.10
05S06E16N02S	6/30/2020	181.60	197.00	-15.40
05S06E17E01S	11/13/2009	197.50	228.40	-30.90
05S06E17E01S	8/11/2010	197.50	225.60	-28.10
05S06E17E01S	11/5/2018	197.50	215.90	-18.40
05S06E17E01S	3/25/2019	197.50	214.20	-16.70
05S06E17E01S	9/5/2019	197.50	210.50	-13.00
05S06E17E01S	11/18/2019	197.50	212.10	-14.60
05S06E17E01S	2/27/2020	197.50	208.80	-11.30
05S06E17E01S	6/18/2020	197.50	205.80	-8.30
05S06E17F01S	12/14/2009	198.00	223.20	-25.20
05S06E17F01S	8/12/2010	198.00	220.10	-22.10
05S06E17G03S	8/11/2010	186.00	216.40	-30.40
05S06E17G03S	11/5/2018	186.00	207.20	-21.20
05S06E17G03S	3/10/2019	186.00	199.50	-13.50
05S06E17G03S	9/5/2019	186.00	204.30	-18.30
05S06E17G03S	10/24/2019	186.00	205.00	-19.00
05S06E17G03S	2/26/2020	186.00	196.80	-10.80
05S06E17G03S	6/18/2020	186.00	197.70	-11.70
05S06E17L01S	11/13/2009	187.70	225.40	-37.70
05S06E17L01S	8/12/2010	187.70	229.70	-42.00
05S06E17L01S	11/5/2018	187.70	221.00	-33.30

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E17L01S	3/25/2019	187.70	214.20	-26.50
05S06E17L01S	9/5/2019	187.70	214.90	-27.20
05S06E17L01S	1/14/2020	187.70	213.20	-25.50
05S06E17L01S	2/27/2020	187.70	217.70	-30.00
05S06E17L01S	6/30/2020	187.70	213.60	-25.90
05S06E17M02S	12/15/2009	195.00	220.50	-25.50
05S06E17M02S	4/23/2010	195.00	223.50	-28.50
05S06E17M02S	8/12/2010	195.00	227.20	-32.20
05S06E17P02S	10/13/2009	190.00	219.50	-29.50
05S06E17P02S	1/12/2010	190.00	222.50	-32.50
05S06E17P02S	4/15/2010	190.00	212.20	-22.20
05S06E17P02S	7/13/2010	190.00	221.80	-31.80
05S06E18C03S	12/11/2009	200.00	215.30	-15.30
05S06E18C03S	8/11/2010	200.00	222.10	-22.10
05S06E18R01S	11/6/2009	192.80	222.20	-29.40
05S06E18R01S	1/28/2010	192.80	216.30	-23.50
05S06E18R01S	2/26/2010	192.80	215.10	-22.30
05S06E18R01S	4/23/2010	192.80	215.60	-22.80
05S06E18R01S	5/26/2010	192.80	217.70	-24.90
05S06E18R01S	5/27/2010	192.80	217.10	-24.30
05S06E18R01S	8/11/2010	192.80	222.00	-29.20
05S06E18R01S	11/2/2018	192.80	211.90	-19.10
05S06E18R01S	3/22/2019	192.80	205.00	-12.20
05S06E18R01S	9/4/2019	192.80	209.10	-16.30
05S06E18R01S	11/6/2019	192.80	208.80	-16.00
05S06E18R01S	11/6/2019	192.80	208.80	-16.00
05S06E18R01S	11/19/2019	192.80	207.99	-15.19
05S06E18R01S	2/27/2020	192.80	202.60	-9.80
05S06E18R01S	2/27/2020	192.80	202.60	-9.80
05S06E18R01S	3/3/2020	192.80	201.96	-9.16
05S06E18R01S	5/28/2020	192.80	201.55	-8.75
05S06E18R01S	6/22/2020	192.80	202.80	-10.00
05S06E18R01S	6/22/2020	192.80	202.80	-10.00
05S06E18R01S	8/26/2020	192.80	204.33	-11.53
05S06E18R02S	11/6/2009	193.40	231.50	-38.10
05S06E18R02S	4/23/2010	193.40	215.60	-22.20
05S06E18R02S	8/11/2010	193.40	225.40	-32.00
05S06E18R02S	11/2/2018	193.40	214.90	-21.50
05S06E18R02S	3/22/2019	193.40	208.30	-14.90
05S06E18R02S	9/4/2019	193.40	209.20	-15.80
05S06E18R02S	11/6/2019	193.40	210.10	-16.70
05S06E18R02S	2/27/2020	193.40	212.50	-19.10
05S06E18R02S	6/22/2020	193.40	204.20	-10.80
05S06E20A02S	10/13/2009	201.10	236.50	-35.40
05S06E20A02S	1/12/2010	201.10	232.40	-31.30
05S06E20A02S	4/13/2010	201.10	229.30	-28.20
05S06E20A02S	7/13/2010	201.10	234.30	-33.20
05S06E20A02S	11/9/2018	201.10	226.40	-25.30
05S06E20A02S	3/19/2019	201.10	219.00	-17.90
05S06E20A02S	9/9/2019	201.10	223.50	-22.40
05S06E20A02S	12/13/2019	201.10	220.00	-18.90
05S06E20A02S	3/12/2020	201.10	215.60	-14.50
05S06E20A02S	3/16/2020	201.10	214.90	-13.80
05S06E20A02S	6/1/2020	201.10	215.30	-14.20
05S06E20A02S	6/30/2020	201.10	216.40	-15.30
05S06E20F03S	12/11/2009	200.10	233.50	-33.40
05S06E20F03S	4/29/2010	200.10	236.20	-36.10
05S06E20F03S	8/12/2010	200.10	237.20	-37.10
05S06E20F03S	11/9/2018	200.10	223.20	-23.10
05S06E20F03S	4/2/2019	200.10	220.80	-20.70

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E20F03S	9/13/2019	200.10	229.20	-29.10
05S06E20F03S	12/12/2019	200.10	218.50	-18.40
05S06E20F03S	6/30/2020	200.10	223.70	-23.60
05S06E21N02S	11/19/2009	248.00	283.30	-35.30
05S06E21N02S	8/13/2010	248.00	280.30	-32.30
05S06E21Q03S	11/18/2019	216.54	253.50	-36.96
05S06E21Q03S	12/2/2019	216.54	251.90	-35.36
05S06E21Q03S	3/25/2020	216.54	246.30	-29.76
05S06E21Q03S	6/30/2020	216.54	246.50	-29.96
05S06E21Q04S	7/19/2019	230.10	251.40	-21.30
05S06E21Q04S	7/24/2019	230.10	251.90	-21.80
05S06E21Q04S	8/30/2019	230.10	252.90	-22.80
05S06E21Q04S	9/30/2019	230.10	251.70	-21.60
05S06E21Q04S	10/16/2019	230.10	251.00	-20.90
05S06E21Q04S	11/18/2019	230.10	252.20	-22.10
05S06E21Q04S	3/3/2020	230.10	245.10	-15.00
05S06E21Q04S	6/8/2020	230.10	244.80	-14.70
05S06E21Q04S	7/27/2020	230.10	245.50	-15.40
05S06E21Q04S	8/18/2020	230.10	246.90	-16.80
05S06E21R02S	12/22/2009	216.50	262.50	-46.00
05S06E22B01S	12/15/2009	160.00	202.50	-42.50
05S06E22B01S	6/12/2020	160.00	184.50	-24.50
05S06E22B02S	10/15/2009	150.90	194.20	-43.30
05S06E22B02S	1/13/2010	150.90	188.70	-37.80
05S06E22B02S	4/13/2010	150.90	189.10	-38.20
05S06E22B02S	7/13/2010	150.90	192.00	-41.10
05S06E22B02S	11/20/2018	150.90	189.70	-38.80
05S06E22B02S	4/5/2019	150.90	185.10	-34.20
05S06E22B02S	9/17/2019	150.90	188.20	-37.30
05S06E22B02S	12/18/2019	150.90	175.50	-24.60
05S06E22B02S	2/24/2020	150.90	175.90	-25.00
05S06E22B02S	8/5/2020	150.90	179.30	-28.40
05S06E22C02S	6/12/2020	152.00	182.00	-30.00
05S06E22C02S	9/15/2020	152.00	179.90	-27.90
05S06E22J01S	12/15/2009	175.00	203.50	-28.50
05S06E22J01S	3/31/2010	175.00	236.90	-61.90
05S06E22J01S	8/11/2010	175.00	206.00	-31.00
05S06E23E02S	10/8/2009	144.00	188.00	-44.00
05S06E23E02S	2/8/2010	144.00	178.40	-34.40
05S06E23E02S	5/7/2010	144.00	183.20	-39.20
05S06E23E03S	10/8/2009	140.00	182.80	-42.80
05S06E23E03S	5/28/2010	140.00	186.40	-46.40
05S06E23F01S	10/8/2009	140.00	178.30	-38.30
05S06E23F01S	2/9/2010	140.00	174.00	-34.00
05S06E23H01S	10/8/2009	125.00	189.80	-64.80
05S06E23H01S	2/9/2010	125.00	180.70	-55.70
05S06E23M02S	7/19/2019	150.70	178.90	-28.20
05S06E23M02S	7/24/2019	150.70	179.30	-28.60
05S06E23M02S	8/30/2019	150.70	180.00	-29.30
05S06E23M02S	9/30/2019	150.70	177.80	-27.10
05S06E23M02S	10/16/2019	150.70	178.40	-27.70
05S06E23M02S	3/3/2020	150.70	172.90	-22.20
05S06E23M02S	5/14/2020	150.70	172.40	-21.70
05S06E23M02S	6/8/2020	150.70	172.50	-21.80
05S06E23M02S	7/27/2020	150.70	173.50	-22.80
05S06E23M02S	8/18/2020	150.70	174.60	-23.90
05S06E23N01S	10/7/2009	160.00	183.90	-23.90
05S06E23N01S	2/9/2010	160.00	176.70	-16.70
05S06E24D01S	10/9/2009	167.10	240.80	-73.70
05S06E24D01S	3/10/2010	167.10	231.00	-63.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E24D01S	5/7/2010	167.10	231.40	-64.30
05S06E24D01S	3/21/2019	167.10	228.80	-61.70
05S06E24D01S	9/17/2019	167.10	235.00	-67.90
05S06E24D01S	12/18/2019	167.10	225.50	-58.40
05S06E24D01S	3/4/2020	167.10	216.50	-49.40
05S06E24D01S	6/19/2020	167.10	222.20	-55.10
05S06E24D01S	9/15/2020	167.10	214.80	-47.70
05S06E24F01S	2/5/2010	131.23	208.20	-76.97
05S06E24F01S	5/7/2010	131.23	212.00	-80.77
05S06E24G01S	10/8/2009	110.90	192.50	-81.60
05S06E24G01S	2/5/2010	110.90	183.00	-72.10
05S06E24G01S	5/7/2010	110.90	187.80	-76.90
05S06E24G01S	11/21/2018	110.90	181.00	-70.10
05S06E24G01S	3/19/2019	110.90	175.80	-64.90
05S06E24G01S	9/10/2019	110.90	180.30	-69.40
05S06E24G01S	12/10/2019	110.90	175.50	-64.60
05S06E24G01S	3/6/2020	110.90	172.90	-62.00
05S06E24G01S	3/24/2020	110.90	171.20	-60.30
05S06E24G01S	5/27/2020	110.90	174.90	-64.00
05S06E24G01S	7/8/2020	110.90	177.30	-66.40
05S06E24G01S	9/1/2020	110.90	177.10	-66.20
05S06E24M01S	10/8/2009	115.30	191.80	-76.50
05S06E24M01S	2/9/2010	115.30	181.50	-66.20
05S06E24M01S	5/13/2010	115.30	186.40	-71.10
05S06E24M01S	11/21/2018	115.30	179.80	-64.50
05S06E24M01S	4/16/2019	115.30	176.70	-61.40
05S06E24M01S	9/11/2019	115.30	177.20	-61.90
05S06E24M01S	12/10/2019	115.30	174.90	-59.60
05S06E24M01S	3/18/2020	115.30	171.20	-55.90
05S06E24M01S	7/8/2020	115.30	176.80	-61.50
05S06E25A01S	2/9/2010	91.00	170.50	-79.50
05S06E25A03S	2/9/2010	93.30	165.70	-72.40
05S06E27A01S	11/20/2009	160.00	203.70	-43.70
05S06E27A01S	5/4/2010	160.00	206.40	-46.40
05S06E27A01S	8/11/2010	160.00	205.50	-45.50
05S06E27A03S	11/20/2009	163.70	209.30	-45.60
05S06E27A03S	8/11/2010	163.70	209.00	-45.30
05S06E27C02S	11/20/2009	211.00	239.40	-28.40
05S06E27C02S	3/31/2010	211.00	232.70	-21.70
05S06E27C02S	8/11/2010	211.00	238.30	-27.30
05S06E27C03S	11/20/2009	189.90	231.70	-41.80
05S06E27C03S	8/11/2010	189.90	229.90	-40.00
05S06E27C03S	3/4/2020	189.90	231.60	-41.70
05S06E27C03S	7/17/2020	189.90	217.60	-27.70
05S06E27D02S	11/20/2009	230.00	261.60	-31.60
05S06E27D02S	3/31/2010	230.00	253.80	-23.80
05S06E27D02S	8/11/2010	230.00	265.90	-35.90
05S06E28C02S	11/10/2009	262.00	291.00	-29.00
05S06E28C02S	4/23/2010	262.00	293.90	-31.90
05S06E28C02S	8/13/2010	262.00	292.10	-30.10
05S06E29C01S	12/4/2009	335.60	370.00	-34.40
05S06E29C01S	4/23/2010	335.60	363.20	-27.60
05S06E29C01S	8/13/2010	335.60	366.30	-30.70
05S06E29C01S	11/1/2018	335.60	362.40	-26.80
05S06E29C01S	3/19/2019	335.60	355.90	-20.30
05S06E29C01S	9/4/2019	335.60	363.50	-27.90
05S06E29C01S	12/12/2019	335.60	356.70	-21.10
05S06E29C01S	12/12/2019	335.60	356.70	-21.10
05S06E29C01S	3/4/2020	335.60	352.00	-16.40
05S06E29C01S	3/4/2020	335.60	352.00	-16.40

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S06E29C01S	6/19/2020	335.60	350.90	-15.30
05S06E29C01S	6/19/2020	335.60	350.90	-15.30
05S06E32B01S	12/11/2009	440.00	460.30	-20.30
05S07E02E01S	5/14/2009	100.80	169.60	-68.80
05S07E02E01S	10/6/2009	100.80	170.50	-69.70
05S07E02E01S	3/12/2010	100.80	169.30	-68.50
05S07E02E01S	10/10/2019	100.80	180.40	-79.60
05S07E02E01S	5/12/2020	100.80	180.30	-79.50
05S07E02E01S	9/25/2020	100.80	181.60	-80.80
05S07E03D01S	1/12/2010	62.20	122.40	-60.20
05S07E03D01S	4/13/2010	62.20	120.30	-58.10
05S07E03D01S	7/13/2010	62.20	122.10	-59.90
05S07E03D01S	8/9/2010	62.20	123.90	-61.70
05S07E03D01S	11/28/2018	62.20	127.20	-65.00
05S07E03D01S	4/30/2019	62.20	120.40	-58.20
05S07E03D01S	9/9/2019	62.20	123.10	-60.90
05S07E03D01S	11/22/2019	62.20	125.60	-63.40
05S07E03D01S	4/8/2020	62.20	118.10	-55.90
05S07E03D01S	6/16/2020	62.20	118.50	-56.30
05S07E03D02S	1/12/2010	62.20	121.80	-59.60
05S07E03D02S	4/13/2010	62.20	119.00	-56.80
05S07E03D02S	7/13/2010	62.20	121.50	-59.30
05S07E03D02S	11/28/2018	62.20	126.50	-64.30
05S07E03D02S	4/30/2019	62.20	120.60	-58.40
05S07E03D02S	9/9/2019	62.20	122.70	-60.50
05S07E03D02S	11/22/2019	62.20	125.60	-63.40
05S07E03D02S	4/8/2020	62.20	118.00	-55.80
05S07E03D02S	6/16/2020	62.20	118.30	-56.10
05S07E03K01S	5/13/2009	44.00	139.40	-95.40
05S07E03K01S	10/5/2009	44.00	143.20	-99.20
05S07E03K01S	3/12/2010	44.00	129.30	-85.30
05S07E03K01S	5/14/2010	44.00	140.20	-96.20
05S07E04A01S	5/9/2009	47.90	101.40	-53.50
05S07E04A01S	10/5/2009	47.90	105.80	-57.90
05S07E04A01S	10/14/2009	47.90	106.60	-58.70
05S07E04A01S	2/4/2010	47.90	103.10	-55.20
05S07E04A01S	4/13/2010	47.90	103.20	-55.30
05S07E04A01S	5/14/2010	47.90	103.20	-55.30
05S07E04A01S	7/13/2010	47.90	110.50	-62.60
05S07E04A01S	11/28/2018	47.90	108.20	-60.30
05S07E04A01S	4/30/2019	47.90	104.50	-56.60
05S07E04A01S	9/9/2019	47.90	107.00	-59.10
05S07E04A01S	11/22/2019	47.90	107.80	-59.90
05S07E04A01S	5/6/2020	47.90	102.10	-54.20
05S07E04A01S	6/16/2020	47.90	103.70	-55.80
05S07E04A03S	10/13/2009	54.30	112.70	-58.40
05S07E04A03S	1/12/2010	54.30	110.80	-56.50
05S07E04A03S	7/13/2010	54.30	113.40	-59.10
05S07E04A03S	11/28/2018	54.30	117.80	-63.50
05S07E04A03S	4/30/2019	54.30	111.40	-57.10
05S07E04A03S	9/9/2019	54.30	114.80	-60.50
05S07E04A03S	11/22/2019	54.30	116.20	-61.90
05S07E04A03S	5/6/2020	54.30	106.50	-52.20
05S07E04A03S	6/16/2020	54.30	109.70	-55.40
05S07E04A04S	10/13/2009	54.30	109.60	-55.30
05S07E04A04S	1/12/2010	54.30	108.30	-54.00
05S07E04A04S	11/28/2018	54.30	114.80	-60.50
05S07E04A04S	4/30/2019	54.30	105.90	-51.60
05S07E04A04S	9/9/2019	54.30	109.90	-55.60
05S07E04A04S	11/22/2019	54.30	113.90	-59.60

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05S07E04A04S	5/6/2020	54.30	99.90	-45.60
05S07E04A04S	6/16/2020	54.30	103.20	-48.90
05S07E04C01S	5/8/2009	50.00	130.70	-80.70
05S07E04C01S	10/5/2009	50.00	132.90	-82.90
05S07E04C01S	2/4/2010	50.00	136.90	-86.90
05S07E04C01S	5/14/2010	50.00	122.60	-72.60
05S07E04H01S	5/13/2009	42.00	128.90	-86.90
05S07E04H01S	10/5/2009	42.00	129.80	-87.80
05S07E04H01S	2/4/2010	42.00	130.00	-88.00
05S07E04H01S	5/14/2010	42.00	127.40	-85.40
05S07E04Q01S	5/14/2009	38.50	100.80	-62.30
05S07E04Q01S	10/2/2009	38.50	104.00	-65.50
05S07E04Q01S	2/4/2010	38.50	101.00	-62.50
05S07E04Q01S	5/14/2010	38.50	97.90	-59.40
05S07E04Q03S	5/14/2009	40.60	105.60	-65.00
05S07E04Q03S	10/2/2009	40.60	108.70	-68.10
05S07E04Q03S	2/4/2010	40.60	104.80	-64.20
05S07E04Q03S	5/14/2010	40.60	106.70	-66.10
05S07E05C01S	5/8/2009	69.00	123.00	-54.00
05S07E05C01S	10/2/2009	69.00	126.40	-57.40
05S07E05C01S	2/4/2010	69.00	121.40	-52.40
05S07E05C01S	5/14/2010	69.00	124.30	-55.30
05S07E05K01S	5/14/2009	61.00	124.30	-63.30
05S07E05K01S	10/2/2009	61.00	126.30	-65.30
05S07E05K01S	2/4/2010	61.00	122.20	-61.20
05S07E05K01S	5/14/2010	61.00	128.00	-67.00
05S07E05K01S	9/2/2010	61.00	127.90	-66.90
05S07E05R02S	5/8/2009	59.10	143.10	-84.00
05S07E05R02S	10/2/2009	59.10	148.20	-89.10
05S07E05R02S	2/4/2010	59.10	134.20	-75.10
05S07E05R02S	5/14/2010	59.10	143.20	-84.10
05S07E05R02S	9/2/2010	59.10	152.70	-93.60
05S07E06B04S	5/13/2009	111.40	180.70	-69.30
05S07E06B04S	10/30/2009	111.40	188.40	-77.00
05S07E06B04S	2/9/2010	111.40	171.80	-60.40
05S07E06B04S	11/27/2018	111.40	163.50	-52.10
05S07E06B04S	4/17/2019	111.40	160.60	-49.20
05S07E06B04S	9/12/2019	111.40	170.30	-58.90
05S07E06B04S	12/12/2019	111.40	171.30	-59.90
05S07E06B04S	3/25/2020	111.40	168.00	-56.60
05S07E06B04S	7/20/2020	111.40	169.80	-58.40
05S07E06J01S	5/13/2009	88.40	175.30	-86.90
05S07E06J01S	2/9/2010	88.40	158.00	-69.60
05S07E06J01S	11/28/2018	88.40	164.20	-75.80
05S07E06J01S	4/19/2019	88.40	157.80	-69.40
05S07E06J01S	9/11/2019	88.40	165.50	-77.10
05S07E06J01S	12/2/2019	88.40	158.80	-70.40
05S07E06J01S	3/25/2020	88.40	149.50	-61.10
05S07E06J01S	7/20/2020	88.40	163.90	-75.50
05S07E07F04S	3/4/2010	103.50	176.00	-72.50
05S07E08B03S	1/14/2020	58.00	122.81	-64.81
05S07E08Q01S	3/4/2010	54.40	125.00	-70.60
05S07E08Q01S	5/7/2010	54.40	123.90	-69.50
05S07E08Q01S	12/12/2018	54.40	133.80	-79.40
05S07E08Q01S	5/2/2019	54.40	132.70	-78.30
05S07E08Q01S	9/11/2019	54.40	127.60	-73.20
05S07E08Q01S	1/6/2020	54.40	127.70	-73.30
05S07E08Q01S	1/6/2020	54.40	127.70	-73.30
05S07E08Q01S	3/12/2020	54.40	125.70	-71.30
05S07E08Q01S	3/12/2020	54.40	125.70	-71.30

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05S07E08Q01S	6/17/2020	54.40	127.20	-72.80
05S07E08Q01S	6/17/2020	54.40	127.20	-72.80
05S07E09D01S	5/14/2009	51.50	148.60	-97.10
05S07E09D01S	10/2/2009	51.50	151.80	-100.30
05S07E09D01S	2/9/2010	51.50	132.70	-81.20
05S07E09D01S	11/28/2018	51.50	141.70	-90.20
05S07E09D01S	5/2/2019	51.50	133.10	-81.60
05S07E09D01S	9/9/2019	51.50	141.70	-90.20
05S07E09D01S	11/22/2019	51.50	138.70	-87.20
05S07E09D01S	3/12/2020	51.50	126.30	-74.80
05S07E09D01S	6/17/2020	51.50	135.90	-84.40
05S07E09L02S	5/1/2009	41.00	110.70	-69.70
05S07E09L02S	1/19/2010	41.00	118.70	-77.70
05S07E09L02S	5/25/2010	41.00	116.20	-75.20
05S07E09L02S	9/7/2010	41.00	115.70	-74.70
05S07E10H02S	12/15/2018	27.20	109.10	-81.90
05S07E10H02S	1/15/2019	27.20	104.10	-76.90
05S07E10H02S	2/15/2019	27.20	107.80	-80.60
05S07E10H02S	3/15/2019	27.20	102.10	-74.90
05S07E10H02S	4/15/2019	27.20	111.60	-84.40
05S07E10H02S	5/15/2019	27.20	114.60	-87.40
05S07E10H02S	6/15/2019	27.20	116.30	-89.10
05S07E10H02S	7/15/2019	27.20	122.90	-95.70
05S07E10H02S	8/15/2019	27.20	121.90	-94.70
05S07E10H02S	9/15/2019	27.20	118.20	-91.00
05S07E10H02S	10/15/2019	27.20	119.00	-91.80
05S07E10H02S	11/15/2019	27.20	122.00	-94.80
05S07E10H02S	2/15/2020	27.20	91.00	-63.80
05S07E10H02S	3/15/2020	27.20	90.00	-62.80
05S07E10H02S	4/15/2020	27.20	90.00	-62.80
05S07E10H02S	5/15/2020	27.20	96.40	-69.20
05S07E10H02S	6/15/2020	27.20	95.30	-68.10
05S07E10H02S	7/15/2020	27.20	90.00	-62.80
05S07E10H02S	8/15/2020	27.20	90.00	-62.80
05S07E10H02S	9/15/2020	27.20	119.50	-92.30
05S07E11M03S	11/26/2018	10.00	112.73	-102.73
05S07E11M03S	1/25/2019	10.00	102.84	-92.84
05S07E11M03S	3/11/2019	10.00	103.57	-93.57
05S07E11M03S	5/16/2019	10.00	113.47	-103.47
05S07E11M03S	7/1/2019	10.00	117.80	-107.80
05S07E11M03S	9/10/2019	10.00	121.07	-111.07
05S07E11M03S	11/22/2019	10.00	115.39	-105.39
05S07E11M03S	1/24/2020	10.00	103.33	-93.33
05S07E11M03S	3/6/2020	10.00	104.13	-94.13
05S07E11M03S	5/13/2020	10.00	111.33	-101.33
05S07E11M03S	7/21/2020	10.00	118.33	-108.33
05S07E11M03S	9/11/2020	10.00	119.33	-109.33
05S07E12D01S	11/22/2019	42.65	103.91	-61.26
05S07E12D01S	1/24/2020	42.65	89.79	-47.14
05S07E12D01S	3/6/2020	42.65	109.76	-67.11
05S07E12D01S	5/13/2020	42.65	113.17	-70.52
05S07E12D01S	7/17/2020	42.65	114.17	-71.52
05S07E12D01S	9/11/2020	42.65	114.17	-71.52
05S07E12M01S	11/26/2018	-1.00	107.35	-108.35
05S07E12M01S	1/25/2019	-1.00	95.87	-96.87
05S07E12M01S	3/11/2019	-1.00	96.43	-97.43
05S07E12M01S	5/16/2019	-1.00	108.02	-109.02
05S07E12M01S	7/1/2019	-1.00	112.16	-113.16
05S07E12M01S	9/10/2019	-1.00	116.31	-117.31
05S07E12M01S	11/22/2019	-1.00	110.23	-111.23

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S07E12M01S	11/22/2019	-1.00	110.23	-111.23
05S07E12M01S	1/24/2020	-1.00	97.20	-98.20
05S07E12M01S	3/6/2020	-1.00	97.65	-98.65
05S07E12M01S	5/13/2020	-1.00	102.17	-103.17
05S07E12M01S	7/21/2020	-1.00	114.17	-115.17
05S07E12M01S	9/11/2020	-1.00	115.17	-116.17
05S07E12P01S	5/1/2009	3.00	100.50	-97.50
05S07E12P01S	10/2/2009	3.00	105.30	-102.30
05S07E12P01S	11/6/2009	3.00	106.10	-103.10
05S07E12P01S	1/8/2010	3.00	96.10	-93.10
05S07E12P01S	2/5/2010	3.00	88.90	-85.90
05S07E12P01S	3/5/2010	3.00	94.20	-91.20
05S07E12P01S	4/9/2010	3.00	95.90	-92.90
05S07E12P01S	5/7/2010	3.00	100.50	-97.50
05S07E12P01S	7/2/2010	3.00	106.00	-103.00
05S07E12P01S	8/6/2010	3.00	108.50	-105.50
05S07E12P01S	9/3/2010	3.00	109.80	-106.80
05S07E14J03S	12/15/2018	9.00	99.00	-90.00
05S07E14J03S	1/15/2019	9.00	101.50	-92.50
05S07E14J03S	2/15/2019	9.00	98.80	-89.80
05S07E14J03S	3/15/2019	9.00	83.50	-74.50
05S07E14J03S	4/15/2019	9.00	98.50	-89.50
05S07E14J03S	5/15/2019	9.00	98.20	-89.20
05S07E14J03S	6/15/2019	9.00	102.80	-93.80
05S07E14J03S	7/15/2019	9.00	109.20	-100.20
05S07E14J03S	8/15/2019	9.00	113.00	-104.00
05S07E14J03S	9/15/2019	9.00	112.00	-103.00
05S07E14J03S	10/15/2019	9.00	106.60	-97.60
05S07E14J03S	11/15/2019	9.00	109.70	-100.70
05S07E14J03S	2/15/2020	9.00	91.60	-82.60
05S07E14J03S	3/15/2020	9.00	92.00	-83.00
05S07E14J03S	4/15/2020	9.00	91.00	-82.00
05S07E14J03S	5/15/2020	9.00	100.00	-91.00
05S07E14J03S	6/15/2020	9.00	110.40	-101.40
05S07E14J03S	7/15/2020	9.00	108.00	-99.00
05S07E14J03S	8/15/2020	9.00	111.00	-102.00
05S07E14J03S	9/15/2020	9.00	108.10	-99.10
05S07E14K02S	11/26/2018	-4.00	75.15	-79.15
05S07E14K02S	11/26/2018	-4.00	75.15	-79.15
05S07E14K02S	1/25/2019	-4.00	75.23	-79.23
05S07E14K02S	1/25/2019	-4.00	75.23	-79.23
05S07E14K02S	3/11/2019	-4.00	74.80	-78.80
05S07E14K02S	3/11/2019	-4.00	74.80	-78.80
05S07E14K02S	5/16/2019	-4.00	74.87	-78.87
05S07E14K02S	5/16/2019	-4.00	74.87	-78.87
05S07E14K02S	7/2/2019	-4.00	75.20	-79.20
05S07E14K02S	7/2/2019	-4.00	75.20	-79.20
05S07E14K02S	9/10/2019	-4.00	74.91	-78.91
05S07E14K02S	9/10/2019	-4.00	74.91	-78.91
05S07E14K02S	11/22/2019	-4.00	74.96	-78.96
05S07E14K02S	11/22/2019	-4.00	74.96	-78.96
05S07E14K02S	11/22/2019	-4.00	74.96	-78.96
05S07E14K02S	11/22/2019	-4.00	74.96	-78.96
05S07E14K02S	1/24/2020	-4.00	74.42	-78.42
05S07E14K02S	1/24/2020	-4.00	74.42	-78.42
05S07E14K02S	3/6/2020	-4.00	74.81	-78.81
05S07E14K02S	3/6/2020	-4.00	74.81	-78.81
05S07E14K02S	5/13/2020	-4.00	75.92	-79.92
05S07E14K02S	5/13/2020	-4.00	75.92	-79.92
05S07E14K02S	7/21/2020	-4.00	76.92	-80.92

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S07E14K02S	7/21/2020	-4.00	76.92	-80.92
05S07E14K02S	9/11/2020	-4.00	76.92	-80.92
05S07E14K02S	9/11/2020	-4.00	76.92	-80.92
05S07E15N01S	12/15/2018	19.09	118.00	-98.91
05S07E15N01S	1/15/2019	19.09	118.10	-99.01
05S07E15N01S	2/15/2019	19.09	115.00	-95.91
05S07E15N01S	3/15/2019	19.09	110.00	-90.91
05S07E15N01S	4/15/2019	19.09	120.50	-101.41
05S07E15N01S	5/15/2019	19.09	127.90	-108.81
05S07E15N01S	6/15/2019	19.09	126.70	-107.61
05S07E15N01S	7/15/2019	19.09	132.70	-113.61
05S07E15N01S	8/15/2019	19.09	135.70	-116.61
05S07E15N01S	9/15/2019	19.09	128.20	-109.11
05S07E15N01S	10/15/2019	19.09	133.10	-114.01
05S07E15N01S	11/15/2019	19.09	131.30	-112.21
05S07E15N01S	2/15/2020	19.09	114.80	-95.71
05S07E15N01S	3/15/2020	19.09	116.00	-96.91
05S07E15Q01S	10/6/2009	5.50	81.40	-75.90
05S07E15Q01S	1/29/2010	5.50	81.30	-75.80
05S07E15Q01S	5/28/2010	5.50	81.90	-76.40
05S07E17E03S	10/6/2009	82.30	177.80	-95.50
05S07E17E03S	3/4/2010	82.30	167.60	-85.30
05S07E17E03S	5/7/2010	82.30	183.40	-101.10
05S07E17E03S	12/5/2018	82.30	165.20	-82.90
05S07E17E03S	5/29/2019	82.30	168.00	-85.70
05S07E17E03S	9/11/2019	82.30	183.60	-101.30
05S07E17E03S	1/6/2020	82.30	171.00	-88.70
05S07E17E03S	3/12/2020	82.30	158.10	-75.80
05S07E17E03S	6/17/2020	82.30	173.20	-90.90
05S07E17L01S	10/6/2009	67.00	145.80	-78.80
05S07E17L01S	3/4/2010	67.00	144.00	-77.00
05S07E17L01S	5/7/2010	67.00	145.40	-78.40
05S07E18F01S	10/8/2009	112.00	187.20	-75.20
05S07E18F01S	2/9/2010	112.00	180.20	-68.20
05S07E18F01S	5/7/2010	112.00	183.20	-71.20
05S07E19A01S	10/9/2009	89.60	194.70	-105.10
05S07E19A01S	3/10/2010	89.60	182.10	-92.50
05S07E19A01S	5/13/2010	89.60	192.10	-102.50
05S07E19A01S	12/5/2018	89.60	198.80	-109.20
05S07E19A01S	5/2/2019	89.60	184.20	-94.60
05S07E19A01S	9/18/2019	89.60	197.10	-107.50
05S07E19A01S	11/13/2019	89.60	180.40	-90.80
05S07E19A01S	3/12/2020	89.60	168.50	-78.90
05S07E19A01S	6/9/2020	89.60	176.30	-86.70
05S07E19D01S	10/9/2009	141.20	223.20	-82.00
05S07E19D01S	3/4/2010	141.20	220.20	-79.00
05S07E19D01S	8/27/2010	141.20	222.70	-81.50
05S07E19D01S	12/5/2018	141.20	207.70	-66.50
05S07E19D01S	3/20/2019	141.20	207.80	-66.60
05S07E19D01S	9/11/2019	141.20	216.50	-75.30
05S07E19D01S	11/13/2019	141.20	211.90	-70.70
05S07E19D01S	3/12/2020	141.20	204.60	-63.40
05S07E19D01S	6/26/2020	141.20	207.20	-66.00
05S07E19D02S	10/9/2009	136.40	220.70	-84.30
05S07E19D02S	3/4/2010	136.40	214.10	-77.70
05S07E19D02S	5/7/2010	136.40	216.60	-80.20
05S07E19D02S	12/5/2018	136.40	210.20	-73.80
05S07E19D02S	3/20/2019	136.40	206.10	-69.70
05S07E19D02S	9/11/2019	136.40	210.70	-74.30
05S07E19D02S	11/13/2019	136.40	209.30	-72.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S07E19D02S	3/9/2020	136.40	203.30	-66.90
05S07E19D02S	3/12/2020	136.40	202.20	-65.80
05S07E19D02S	6/2/2020	136.40	204.60	-68.20
05S07E19D02S	6/9/2020	136.40	205.20	-68.80
05S07E19D02S	9/2/2020	136.40	206.30	-69.90
05S07E19D04S	2/4/2020	146.65	203.00	-56.35
05S07E19D04S	3/11/2020	146.65	201.70	-55.05
05S07E19D04S	6/9/2020	146.65	201.80	-55.15
05S07E19D04S	9/14/2020	146.65	203.80	-57.15
05S07E20A02S	10/9/2009	52.60	171.50	-118.90
05S07E20A02S	3/10/2010	52.60	155.00	-102.40
05S07E20A02S	5/13/2010	52.60	169.60	-117.00
05S07E20A02S	12/5/2018	52.60	152.80	-100.20
05S07E20A02S	5/3/2019	52.60	149.50	-96.90
05S07E20A02S	9/11/2019	52.60	158.60	-106.00
05S07E20A02S	11/13/2019	52.60	158.00	-105.40
05S07E20A02S	4/1/2020	52.60	139.30	-86.70
05S07E20A02S	6/9/2020	52.60	150.70	-98.10
05S07E20C01S	3/17/2010	76.90	179.20	-102.30
05S07E20C01S	12/8/2018	76.90	183.20	-106.30
05S07E20C01S	5/2/2019	76.90	179.10	-102.20
05S07E20C01S	9/19/2019	76.90	177.70	-100.80
05S07E20C01S	11/13/2019	76.90	176.40	-99.50
05S07E20C01S	3/12/2020	76.90	162.70	-85.80
05S07E20C01S	6/9/2020	76.90	168.80	-91.90
05S07E20F02S	3/10/2010	81.40	188.40	-107.00
05S07E20F02S	5/13/2010	81.40	201.70	-120.30
05S07E20F02S	12/5/2018	81.40	180.10	-98.70
05S07E20F02S	5/2/2019	81.40	183.90	-102.50
05S07E20F02S	9/11/2019	81.40	185.00	-103.60
05S07E20F02S	3/13/2020	81.40	174.50	-93.10
05S07E20G01S	10/12/2009	74.10	214.30	-140.20
05S07E20G01S	3/17/2010	74.10	200.10	-126.00
05S07E20G01S	12/5/2018	74.10	189.20	-115.10
05S07E20G01S	1/1/2019	74.10	199.60	-125.50
05S07E20G01S	5/3/2019	74.10	189.40	-115.30
05S07E20G01S	10/1/2019	74.10	199.60	-125.50
05S07E20G01S	4/17/2020	74.10	167.70	-93.60
05S07E20G01S	6/9/2020	74.10	186.20	-112.10
05S07E20H01S	10/13/2009	48.93	177.70	-128.77
05S07E20H01S	2/5/2010	48.93	152.90	-103.97
05S07E20H01S	5/11/2010	48.93	177.80	-128.87
05S07E20H01S	12/5/2018	48.93	158.40	-109.47
05S07E20H01S	5/3/2019	48.93	153.90	-104.97
05S07E20H01S	9/9/2019	48.93	163.90	-114.97
05S07E20H01S	12/2/2019	48.93	155.80	-106.87
05S07E20H01S	4/1/2020	48.93	144.50	-95.57
05S07E20H01S	6/9/2020	48.93	156.10	-107.17
05S07E20J01S	12/15/2018	75.13	163.50	-88.37
05S07E20J01S	1/15/2019	75.13	165.40	-90.27
05S07E20J01S	2/15/2019	75.13	177.70	-102.57
05S07E20J01S	3/15/2019	75.13	178.80	-103.67
05S07E20J01S	4/15/2019	75.13	176.50	-101.37
05S07E20J01S	5/15/2019	75.13	178.60	-103.47
05S07E20J01S	7/15/2019	75.13	173.40	-98.27
05S07E20J01S	10/15/2019	75.13	150.20	-75.07
05S07E20J01S	11/15/2019	75.13	157.20	-82.07
05S07E20J01S	2/15/2020	75.13	164.90	-89.77
05S07E20J01S	3/15/2020	75.13	164.00	-88.87
05S07E20J01S	7/15/2020	75.13	178.90	-103.77

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S07E20J01S	8/15/2020	75.13	171.10	-95.97
05S07E20J01S	9/15/2020	75.13	173.20	-98.07
05S07E20P04S	10/9/2009	61.10	185.80	-124.70
05S07E20P04S	2/5/2010	61.10	165.90	-104.80
05S07E20P04S	5/13/2010	61.10	184.70	-123.60
05S07E20P04S	12/12/2018	61.10	164.20	-103.10
05S07E20P04S	5/3/2019	61.10	163.90	-102.80
05S07E20P04S	9/18/2019	61.10	171.00	-109.90
05S07E20P04S	12/2/2019	61.10	162.70	-101.60
05S07E20P04S	4/1/2020	61.10	154.20	-93.10
05S07E20P04S	6/17/2020	61.10	164.00	-102.90
05S07E21B01S	3/17/2010	28.70	134.10	-105.40
05S07E21M03S	12/15/2018	39.70	135.50	-95.80
05S07E21M03S	1/15/2019	39.70	137.90	-98.20
05S07E21M03S	2/15/2019	39.70	141.00	-101.30
05S07E21M03S	3/15/2019	39.70	133.00	-93.30
05S07E21M03S	4/15/2019	39.70	141.00	-101.30
05S07E21M03S	5/15/2019	39.70	148.10	-108.40
05S07E21M03S	6/15/2019	39.70	149.20	-109.50
05S07E21M03S	7/15/2019	39.70	158.90	-119.20
05S07E21M03S	11/15/2019	39.70	140.60	-100.90
05S07E21M03S	2/15/2020	39.70	139.00	-99.30
05S07E21M03S	3/15/2020	39.70	138.80	-99.10
05S07E21M03S	7/15/2020	39.70	152.00	-112.30
05S07E21M03S	8/15/2020	39.70	155.80	-116.10
05S07E21M03S	9/15/2020	39.70	149.70	-110.00
05S07E21P01S	12/15/2018	37.40	142.20	-104.80
05S07E21P01S	1/15/2019	37.40	139.80	-102.40
05S07E21P01S	2/15/2019	37.40	145.50	-108.10
05S07E21P01S	3/15/2019	37.40	138.70	-101.30
05S07E21P01S	4/15/2019	37.40	145.00	-107.60
05S07E21P01S	5/15/2019	37.40	154.00	-116.60
05S07E21P01S	6/15/2019	37.40	154.00	-116.60
05S07E21P01S	7/15/2019	37.40	159.10	-121.70
05S07E21P01S	10/15/2019	37.40	154.70	-117.30
05S07E21P01S	11/15/2019	37.40	156.50	-119.10
05S07E21P01S	2/15/2020	37.40	141.00	-103.60
05S07E21P01S	3/15/2020	37.40	138.00	-100.60
05S07E21P01S	4/15/2020	37.40	140.00	-102.60
05S07E21P01S	5/15/2020	37.40	146.00	-108.60
05S07E21P01S	6/15/2020	37.40	157.60	-120.20
05S07E21P01S	7/15/2020	37.40	156.00	-118.60
05S07E21P01S	8/15/2020	37.40	158.40	-121.00
05S07E21P01S	9/15/2020	37.40	153.30	-115.90
05S07E21P02S	12/15/2018	38.39	139.90	-101.51
05S07E21P02S	1/15/2019	38.39	145.10	-106.71
05S07E21P02S	2/15/2019	38.39	147.00	-108.61
05S07E21P02S	3/15/2019	38.39	137.50	-99.11
05S07E21P02S	4/15/2019	38.39	147.00	-108.61
05S07E21P02S	5/15/2019	38.39	152.30	-113.91
05S07E21P02S	6/15/2019	38.39	154.20	-115.81
05S07E21P02S	7/15/2019	38.39	161.90	-123.51
05S07E21P02S	8/15/2019	38.39	161.90	-123.51
05S07E21P02S	10/15/2019	38.39	150.40	-112.01
05S07E21P02S	11/15/2019	38.39	140.50	-102.11
05S07E21P02S	2/15/2020	38.39	142.00	-103.61
05S07E21P02S	3/15/2020	38.39	140.00	-101.61
05S07E21P02S	4/15/2020	38.39	140.00	-101.61
05S07E21P02S	5/15/2020	38.39	148.00	-109.61
05S07E21P02S	6/15/2020	38.39	161.20	-122.81

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S07E21P02S	7/15/2020	38.39	157.00	-118.61
05S07E21P02S	8/15/2020	38.39	159.00	-120.61
05S07E21P02S	9/15/2020	38.39	166.10	-127.71
05S07E21Q01S	12/15/2018	40.00	140.10	-100.10
05S07E21Q01S	1/15/2019	40.00	143.10	-103.10
05S07E21Q01S	2/15/2019	40.00	143.30	-103.30
05S07E21Q01S	3/15/2019	40.00	141.60	-101.60
05S07E21Q01S	4/15/2019	40.00	145.50	-105.50
05S07E21Q01S	5/15/2019	40.00	151.90	-111.90
05S07E21Q01S	6/15/2019	40.00	155.00	-115.00
05S07E21Q01S	7/15/2019	40.00	157.70	-117.70
05S07E21Q01S	10/15/2019	40.00	152.30	-112.30
05S07E21Q01S	11/15/2019	40.00	158.60	-118.60
05S07E21Q01S	2/15/2020	40.00	143.00	-103.00
05S07E21Q01S	3/15/2020	40.00	140.10	-100.10
05S07E21Q01S	4/15/2020	40.00	139.00	-99.00
05S07E21Q01S	5/15/2020	40.00	148.00	-108.00
05S07E21Q01S	6/15/2020	40.00	158.00	-118.00
05S07E21Q01S	7/15/2020	40.00	157.00	-117.00
05S07E21Q01S	8/15/2020	40.00	159.10	-119.10
05S07E21Q01S	9/15/2020	40.00	154.20	-114.20
05S07E22H03S	12/15/2018	5.00	128.80	-123.80
05S07E22H03S	1/15/2019	5.00	127.00	-122.00
05S07E22H03S	2/15/2019	5.00	128.70	-123.70
05S07E22H03S	3/15/2019	5.00	103.30	-98.30
05S07E22H03S	4/15/2019	5.00	115.00	-110.00
05S07E22H03S	5/15/2019	5.00	131.90	-126.90
05S07E22H03S	6/15/2019	5.00	131.50	-126.50
05S07E22H03S	7/15/2019	5.00	139.90	-134.90
05S07E22H03S	10/15/2019	5.00	115.40	-110.40
05S07E22H03S	11/15/2019	5.00	111.50	-106.50
05S07E22H03S	2/15/2020	5.00	109.00	-104.00
05S07E22H03S	3/15/2020	5.00	110.60	-105.60
05S07E22H03S	4/15/2020	5.00	109.00	-104.00
05S07E22H03S	5/15/2020	5.00	126.50	-121.50
05S07E22H03S	6/15/2020	5.00	133.50	-128.50
05S07E22H03S	7/15/2020	5.00	133.50	-128.50
05S07E22H03S	8/15/2020	5.00	134.00	-129.00
05S07E22H03S	9/15/2020	5.00	132.30	-127.30
05S07E22H04S	12/15/2018	5.00	130.00	-125.00
05S07E22H04S	1/15/2019	5.00	128.80	-123.80
05S07E22H04S	2/15/2019	5.00	130.10	-125.10
05S07E22H04S	3/15/2019	5.00	101.30	-96.30
05S07E22H04S	4/15/2019	5.00	113.00	-108.00
05S07E22H04S	5/15/2019	5.00	134.50	-129.50
05S07E22H04S	6/15/2019	5.00	128.00	-123.00
05S07E22H04S	7/15/2019	5.00	138.80	-133.80
05S07E22H04S	10/15/2019	5.00	112.50	-107.50
05S07E22H04S	11/15/2019	5.00	112.30	-107.30
05S07E22H04S	2/15/2020	5.00	109.00	-104.00
05S07E22H04S	3/15/2020	5.00	108.00	-103.00
05S07E22H04S	4/15/2020	5.00	109.00	-104.00
05S07E22H04S	5/15/2020	5.00	127.00	-122.00
05S07E22H04S	6/15/2020	5.00	132.00	-127.00
05S07E22H04S	7/15/2020	5.00	132.00	-127.00
05S07E22H04S	8/15/2020	5.00	134.00	-129.00
05S07E22H04S	9/15/2020	5.00	128.00	-123.00
05S07E24M02S	12/15/2018	-16.40	63.30	-79.70
05S07E24M02S	1/15/2019	-16.40	70.10	-86.50
05S07E24M02S	2/15/2019	-16.40	63.30	-79.70

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S07E24M02S	3/15/2019	-16.40	65.00	-81.40
05S07E24M02S	4/15/2019	-16.40	69.90	-86.30
05S07E24M02S	5/15/2019	-16.40	67.60	-84.00
05S07E24M02S	6/15/2019	-16.40	68.20	-84.60
05S07E24M02S	7/15/2019	-16.40	70.10	-86.50
05S07E24M02S	10/15/2019	-16.40	62.10	-78.50
05S07E24M02S	11/15/2019	-16.40	53.50	-69.90
05S07E24M02S	2/15/2020	-16.40	68.00	-84.40
05S07E24M02S	3/15/2020	-16.40	67.00	-83.40
05S07E24M02S	4/15/2020	-16.40	67.00	-83.40
05S07E24M02S	5/15/2020	-16.40	68.40	-84.80
05S07E24M02S	6/15/2020	-16.40	64.30	-80.70
05S07E24M02S	7/15/2020	-16.40	77.00	-93.40
05S07E24M02S	8/15/2020	-16.40	80.00	-96.40
05S07E24M04S	12/15/2018	-17.00	61.10	-78.10
05S07E24M04S	1/15/2019	-17.00	69.90	-86.90
05S07E24M04S	2/15/2019	-17.00	62.80	-79.80
05S07E24M04S	3/15/2019	-17.00	63.00	-80.00
05S07E24M04S	4/15/2019	-17.00	64.80	-81.80
05S07E24M04S	5/15/2019	-17.00	64.40	-81.40
05S07E24M04S	6/15/2019	-17.00	62.60	-79.60
05S07E24M04S	7/15/2019	-17.00	68.80	-85.80
05S07E24M04S	9/15/2019	-17.00	67.00	-84.00
05S07E24M04S	10/15/2019	-17.00	57.90	-74.90
05S07E24M04S	11/15/2019	-17.00	67.50	-84.50
05S07E24M04S	2/15/2020	-17.00	51.00	-68.00
05S07E24M04S	3/15/2020	-17.00	72.00	-89.00
05S07E24M04S	4/15/2020	-17.00	65.00	-82.00
05S07E24M04S	5/15/2020	-17.00	71.80	-88.80
05S07E24M04S	6/15/2020	-17.00	62.10	-79.10
05S07E24M04S	7/15/2020	-17.00	75.10	-92.10
05S07E24M04S	9/15/2020	-17.00	72.20	-89.20
05S07E24XXX	12/15/2018	-15.42	105.40	-120.82
05S07E24XXX	1/15/2019	-15.42	104.30	-119.72
05S07E24XXX	2/15/2019	-15.42	109.80	-125.22
05S07E24XXX	3/15/2019	-15.42	85.00	-100.42
05S07E24XXX	4/15/2019	-15.42	99.60	-115.02
05S07E24XXX	5/15/2019	-15.42	101.60	-117.02
05S07E24XXX	6/15/2019	-15.42	104.40	-119.82
05S07E24XXX	7/15/2019	-15.42	114.90	-130.32
05S07E24XXX	8/15/2019	-15.42	118.50	-133.92
05S07E24XXX	9/15/2019	-15.42	107.50	-122.92
05S07E24XXX	10/15/2019	-15.42	104.30	-119.72
05S07E24XXX	11/15/2019	-15.42	59.50	-74.92
05S07E24XXX	2/15/2020	-15.42	105.00	-120.42
05S07E24XXX	3/15/2020	-15.42	98.00	-113.42
05S07E24XXX	4/15/2020	-15.42	104.00	-119.42
05S07E24XXX	5/15/2020	-15.42	104.00	-119.42
05S07E24XXX	6/15/2020	-15.42	108.80	-124.22
05S07E24XXX	7/15/2020	-15.42	104.00	-119.42
05S07E24XXX	8/15/2020	-15.42	115.80	-131.22
05S07E24XXX	9/15/2020	-15.42	112.90	-128.32
05S07E26E01S	12/15/2018	-3.28	131.30	-134.58
05S07E26E01S	1/15/2019	-3.28	130.20	-133.48
05S07E26E01S	2/15/2019	-3.28	131.60	-134.88
05S07E26E01S	3/15/2019	-3.28	131.50	-134.78
05S07E26E01S	4/15/2019	-3.28	120.00	-123.28
05S07E26E01S	5/15/2019	-3.28	133.30	-136.58
05S07E26E01S	6/15/2019	-3.28	118.50	-121.78
05S07E26E01S	7/15/2019	-3.28	143.50	-146.78

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S07E26E01S	10/15/2019	-3.28	110.50	-113.78
05S07E26E01S	2/15/2020	-3.28	115.00	-118.28
05S07E26E01S	3/15/2020	-3.28	109.00	-112.28
05S07E26E01S	4/15/2020	-3.28	111.00	-114.28
05S07E26E01S	5/15/2020	-3.28	122.00	-125.28
05S07E26E01S	6/15/2020	-3.28	130.40	-133.68
05S07E26E01S	7/15/2020	-3.28	136.00	-139.28
05S07E26E01S	8/15/2020	-3.28	139.00	-142.28
05S07E26E01S	9/15/2020	-3.28	139.50	-142.78
05S07E26E02S	12/15/2018	-3.28	133.80	-137.08
05S07E26E02S	1/15/2019	-3.28	133.40	-136.68
05S07E26E02S	2/15/2019	-3.28	129.90	-133.18
05S07E26E02S	3/15/2019	-3.28	133.00	-136.28
05S07E26E02S	4/15/2019	-3.28	121.00	-124.28
05S07E26E02S	5/15/2019	-3.28	129.80	-133.08
05S07E26E02S	6/15/2019	-3.28	135.90	-139.18
05S07E26E02S	7/15/2019	-3.28	140.10	-143.38
05S07E26E02S	10/15/2019	-3.28	115.40	-118.68
05S07E26E02S	11/15/2019	-3.28	119.20	-122.48
05S07E26E02S	2/15/2020	-3.28	116.00	-119.28
05S07E26E02S	3/15/2020	-3.28	118.00	-121.28
05S07E26E02S	4/15/2020	-3.28	113.00	-116.28
05S07E26E02S	5/15/2020	-3.28	124.00	-127.28
05S07E26E02S	6/15/2020	-3.28	131.00	-134.28
05S07E26E02S	7/15/2020	-3.28	138.00	-141.28
05S07E26E02S	8/15/2020	-3.28	139.00	-142.28
05S07E26E02S	9/15/2020	-3.28	138.10	-141.38
05S07E26E03S	12/15/2018	5.00	135.10	-130.10
05S07E26E03S	1/15/2019	5.00	135.50	-130.50
05S07E26E03S	2/15/2019	5.00	138.50	-133.50
05S07E26E03S	3/15/2019	5.00	129.90	-124.90
05S07E26E03S	4/15/2019	5.00	116.00	-111.00
05S07E26E03S	5/15/2019	5.00	139.80	-134.80
05S07E26E03S	6/15/2019	5.00	138.40	-133.40
05S07E26E03S	7/15/2019	5.00	143.90	-138.90
05S07E26E03S	10/15/2019	5.00	25.30	-20.30
05S07E26E03S	11/15/2019	5.00	26.10	-21.10
05S07E26E03S	2/15/2020	5.00	115.00	-110.00
05S07E26E03S	3/15/2020	5.00	113.00	-108.00
05S07E26E03S	4/15/2020	5.00	110.00	-105.00
05S07E26E03S	5/15/2020	5.00	128.00	-123.00
05S07E26E03S	6/15/2020	5.00	129.60	-124.60
05S07E26E03S	7/15/2020	5.00	135.00	-130.00
05S07E26E03S	8/15/2020	5.00	133.00	-128.00
05S07E26E03S	9/15/2020	5.00	130.50	-125.50
05S07E27B01S	10/6/2009	16.50	104.20	-87.70
05S07E27B01S	1/28/2010	16.50	98.20	-81.70
05S07E27B01S	5/28/2010	16.50	106.20	-89.70
05S07E27B01S	1/16/2019	16.50	98.70	-82.20
05S07E27B01S	5/14/2019	16.50	102.10	-85.60
05S07E27B01S	9/19/2019	16.50	101.90	-85.40
05S07E27B01S	1/8/2020	16.50	101.30	-84.80
05S07E27B01S	4/23/2020	16.50	102.10	-85.60
05S07E27B01S	7/17/2020	16.50	110.80	-94.30
05S07E27L01S	10/6/2009	20.60	154.90	-134.30
05S07E27L01S	1/29/2010	20.60	143.90	-123.30
05S07E27L01S	5/28/2010	20.60	154.20	-133.60
05S07E27L01S	1/16/2019	20.60	126.70	-106.10
05S07E27L01S	5/14/2019	20.60	138.70	-118.10
05S07E27L01S	9/11/2019	20.60	147.30	-126.70

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05S07E27L01S	12/19/2019	20.60	129.20	-108.60
05S07E27L01S	4/23/2020	20.60	127.40	-106.80
05S07E27L01S	7/17/2020	20.60	147.50	-126.90
05S07E27P01S	12/15/2018	14.99	128.70	-113.71
05S07E27P01S	1/15/2019	14.99	121.50	-106.51
05S07E27P01S	2/15/2019	14.99	138.40	-123.41
05S07E27P01S	3/15/2019	14.99	117.00	-102.01
05S07E27P01S	4/15/2019	14.99	142.60	-127.61
05S07E27P01S	5/15/2019	14.99	142.60	-127.61
05S07E27P01S	6/15/2019	14.99	137.50	-122.51
05S07E27P01S	7/15/2019	14.99	145.50	-130.51
05S07E27P01S	10/15/2019	14.99	138.50	-123.51
05S07E27P01S	11/15/2019	14.99	140.50	-125.51
05S07E27P01S	2/15/2020	14.99	123.00	-108.01
05S07E27P01S	3/15/2020	14.99	125.00	-110.01
05S07E27P01S	4/15/2020	14.99	122.00	-107.01
05S07E27P01S	5/15/2020	14.99	86.40	-71.41
05S07E27P01S	6/15/2020	14.99	139.90	-124.91
05S07E27P01S	7/15/2020	14.99	143.00	-128.01
05S07E27P01S	8/15/2020	14.99	148.00	-133.01
05S07E27P01S	9/15/2020	14.99	139.20	-124.21
05S07E28E01S	10/13/2009	46.30	138.70	-92.40
05S07E28E01S	5/5/2010	46.30	136.80	-90.50
05S07E28E01S	12/12/2018	46.30	137.60	-91.30
05S07E28E01S	5/3/2019	46.30	136.10	-89.80
05S07E28E01S	9/12/2019	46.30	137.60	-91.30
05S07E28E01S	12/1/2019	46.30	137.40	-91.10
05S07E28E01S	4/1/2020	46.30	135.20	-88.90
05S07E28E01S	6/17/2020	46.30	135.20	-88.90
05S07E28E03S	10/13/2009	46.40	184.50	-138.10
05S07E28E03S	3/17/2010	46.40	164.40	-118.00
05S07E28E03S	12/12/2018	46.40	170.80	-124.40
05S07E28E03S	5/3/2019	46.40	169.10	-122.70
05S07E28E03S	9/12/2019	46.40	170.90	-124.50
05S07E28E03S	12/2/2019	46.40	162.90	-116.50
05S07E28E03S	4/1/2020	46.40	160.20	-113.80
05S07E28E03S	6/17/2020	46.40	161.20	-114.80
05S07E29P02S	10/13/2009	55.90	192.40	-136.50
05S07E29P02S	3/17/2010	55.90	177.40	-121.50
05S07E29P02S	1/22/2019	55.90	166.50	-110.60
05S07E29P02S	1/16/2020	55.90	161.50	-105.60
05S07E29P02S	4/1/2020	55.90	156.80	-100.90
05S07E29P02S	6/19/2020	55.90	167.80	-111.90
05S07E30A01S	10/12/2009	76.30	192.60	-116.30
05S07E30A01S	2/5/2010	76.30	177.30	-101.00
05S07E30A01S	5/13/2010	76.30	187.20	-110.90
05S07E30A01S	12/6/2018	76.30	174.20	-97.90
05S07E30A01S	5/3/2019	76.30	172.00	-95.70
05S07E30A01S	9/9/2019	76.30	178.20	-101.90
05S07E30A01S	12/2/2019	76.30	172.40	-96.10
05S07E30A01S	12/2/2019	76.30	172.40	-96.10
05S07E30A01S	4/1/2020	76.30	165.20	-88.90
05S07E30A01S	4/1/2020	76.30	165.20	-88.90
05S07E30A01S	8/11/2020	76.30	175.10	-98.80
05S07E30A01S	8/11/2020	76.30	175.10	-98.80
05S07E30J01S	10/12/2009	69.50	185.00	-115.50
05S07E30J01S	3/12/2010	69.50	172.20	-102.70
05S07E30J01S	5/13/2010	69.50	180.40	-110.90
05S07E30J01S	12/12/2018	69.50	169.80	-100.30
05S07E30J01S	5/3/2019	69.50	168.10	-98.60

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05S07E30J01S	9/11/2019	69.50	173.70	-104.20
05S07E30J01S	12/2/2019	69.50	168.40	-98.90
05S07E30J01S	4/1/2020	69.50	161.60	-92.10
05S07E30J01S	6/19/2020	69.50	167.80	-98.30
05S07E31A02S	10/13/2009	59.60	201.50	-141.90
05S07E31A02S	3/12/2010	59.60	192.10	-132.50
05S07E31A02S	5/11/2010	59.60	198.60	-139.00
05S07E31A02S	12/17/2018	59.60	172.00	-112.40
05S07E31A02S	5/3/2019	59.60	174.70	-115.10
05S07E31A02S	9/13/2019	59.60	182.80	-123.20
05S07E31A02S	12/2/2019	59.60	172.70	-113.10
05S07E31A02S	3/7/2020	59.60	164.80	-105.20
05S07E31A02S	6/19/2020	59.60	174.60	-115.00
05S07E31B01S	10/20/2009	45.93	173.10	-127.17
05S07E31B01S	3/11/2010	45.93	166.70	-120.77
05S07E31P01S	10/6/2009	46.90	145.90	-99.00
05S07E31P01S	2/1/2010	46.90	145.90	-99.00
05S07E31P01S	5/28/2010	46.90	144.10	-97.20
05S07E31P01S	12/17/2018	46.90	146.60	-99.70
05S07E31P01S	5/6/2019	46.90	147.70	-100.80
05S07E31P01S	10/1/2019	46.90	151.50	-104.60
05S07E31P01S	12/3/2019	46.90	151.00	-104.10
05S07E31P01S	4/7/2020	46.90	148.20	-101.30
05S07E31P01S	8/11/2020	46.90	154.50	-107.60
05S07E32B01S	10/7/2009	53.70	190.90	-137.20
05S07E32B01S	3/10/2010	53.70	178.10	-124.40
05S07E32B01S	5/28/2010	53.70	191.00	-137.30
05S07E32B01S	12/17/2018	53.70	167.00	-113.30
05S07E32B01S	5/3/2019	53.70	172.40	-118.70
05S07E32B01S	9/13/2019	53.70	176.30	-122.60
05S07E32B01S	12/3/2019	53.70	163.90	-110.20
05S07E32B01S	4/7/2020	53.70	160.60	-106.90
05S07E32B01S	6/19/2020	53.70	162.50	-108.80
05S07E32D03S	3/12/2010	60.00	159.80	-99.80
05S07E32H01S	10/7/2009	43.70	183.20	-139.50
05S07E32H01S	2/11/2010	43.70	184.70	-141.00
05S07E32H01S	5/28/2010	43.70	184.50	-140.80
05S07E32H01S	1/15/2019	43.70	156.30	-112.60
05S07E32H01S	5/14/2019	43.70	166.30	-122.60
05S07E32H01S	9/19/2019	43.70	169.00	-125.30
05S07E32H01S	12/12/2019	43.70	153.80	-110.10
05S07E32H01S	4/16/2020	43.70	149.50	-105.80
05S07E32H01S	6/19/2020	43.70	167.80	-124.10
05S07E33E01S	10/15/2019	39.60	145.60	-106.00
05S07E33E01S	11/15/2019	39.60	155.30	-115.70
05S07E33E01S	2/15/2020	39.60	149.80	-110.20
05S07E33E01S	3/15/2020	39.60	153.00	-113.40
05S07E33E01S	4/15/2020	39.60	151.10	-111.50
05S07E33E01S	5/15/2020	39.60	165.00	-125.40
05S07E33E01S	6/15/2020	39.60	163.50	-123.90
05S07E33E01S	7/15/2020	39.60	168.30	-128.70
05S07E33E01S	8/15/2020	39.60	167.30	-127.70
05S07E33E01S	9/15/2020	39.60	162.50	-122.90
05S07E33J01S	10/9/2009	35.00	158.60	-123.60
05S07E33J01S	1/29/2010	35.00	153.10	-118.10
05S07E33J01S	5/28/2010	35.00	155.70	-120.70
05S07E33M01S	10/6/2009	40.00	172.40	-132.40
05S07E33M01S	1/29/2010	40.00	174.60	-134.60
05S07E33M01S	5/28/2010	40.00	172.50	-132.50
05S07E34P04S	12/15/2018	13.34	140.80	-127.46

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05S07E34P04S	1/15/2019	13.34	138.80	-125.46
05S07E34P04S	2/15/2019	13.34	139.20	-125.86
05S07E34P04S	3/15/2019	13.34	120.00	-106.66
05S07E34P04S	4/15/2019	13.34	134.00	-120.66
05S07E34P04S	5/15/2019	13.34	139.20	-125.86
05S07E34P04S	6/15/2019	13.34	142.40	-129.06
05S07E34P04S	7/15/2019	13.34	148.00	-134.66
05S07E34P04S	8/15/2019	13.34	148.40	-135.06
05S07E34P04S	10/15/2019	13.34	137.50	-124.16
05S07E34P04S	11/15/2019	13.34	135.50	-122.16
05S07E34P04S	2/15/2020	13.34	127.00	-113.66
05S07E34P04S	3/15/2020	13.34	125.00	-111.66
05S07E34P04S	4/15/2020	13.34	124.00	-110.66
05S07E34P04S	5/15/2020	13.34	136.00	-122.66
05S07E34P04S	6/15/2020	13.34	145.00	-131.66
05S07E34P04S	7/15/2020	13.34	146.00	-132.66
05S07E34P04S	8/15/2020	13.34	135.70	-122.36
05S07E34P04S	9/15/2020	13.34	140.30	-126.96
05S07E34Q02S	10/6/2009	5.00	154.00	-149.00
05S07E34Q02S	3/10/2010	5.00	143.00	-138.00
05S07E34Q02S	6/1/2010	5.00	154.20	-149.20
05S07E35F04S	3/10/2010	0.30	123.00	-122.70
05S07E35F04S	6/7/2010	0.30	142.80	-142.50
05S07E35F04S	1/16/2019	0.30	120.60	-120.30
05S07E35F04S	5/24/2019	0.30	129.10	-128.80
05S07E35F04S	9/11/2019	0.30	131.10	-130.80
05S07E35F04S	1/8/2020	0.30	108.60	-108.30
05S07E35F04S	1/21/2020	0.30	108.40	-108.10
05S07E35F04S	4/23/2020	0.30	110.60	-110.30
05S07E35F04S	6/24/2020	0.30	127.60	-127.30
05S07E35R02S	12/15/2018	-9.22	133.00	-142.22
05S07E35R02S	1/15/2019	-9.22	129.70	-138.92
05S07E35R02S	2/15/2019	-9.22	130.30	-139.52
05S07E35R02S	3/15/2019	-9.22	96.50	-105.72
05S07E35R02S	4/15/2019	-9.22	110.60	-119.82
05S07E35R02S	5/15/2019	-9.22	114.70	-123.92
05S07E35R02S	6/15/2019	-9.22	118.80	-128.02
05S07E35R02S	7/15/2019	-9.22	127.40	-136.62
05S07E35R02S	8/15/2019	-9.22	129.40	-138.62
05S07E35R02S	11/15/2019	-9.22	106.80	-116.02
05S07E35R02S	2/15/2020	-9.22	103.20	-112.42
05S07E35R02S	3/15/2020	-9.22	104.00	-113.22
05S07E35R02S	4/15/2020	-9.22	102.00	-111.22
05S07E35R02S	5/15/2020	-9.22	116.00	-125.22
05S07E35R02S	6/15/2020	-9.22	135.00	-144.22
05S07E35R02S	7/15/2020	-9.22	126.00	-135.22
05S07E35R02S	8/15/2020	-9.22	128.00	-137.22
05S07E35R02S	9/15/2020	-9.22	122.20	-131.42
05S08E17N01S	10/9/2009	30.00	120.50	-90.50
05S08E17N01S	3/5/2010	30.00	112.30	-82.30
05S08E17N01S	6/10/2010	30.00	118.00	-88.00
05S08E18G01S	11/26/2018	21.00	137.89	-116.89
05S08E18G01S	1/25/2019	21.00	126.45	-105.45
05S08E18G01S	3/11/2019	21.00	122.91	-101.91
05S08E18G01S	5/16/2019	21.00	130.50	-109.50
05S08E18G01S	7/1/2019	21.00	136.83	-115.83
05S08E18G01S	9/10/2019	21.00	143.05	-122.05
05S08E18G01S	11/22/2019	21.00	138.26	-117.26
05S08E18G01S	11/22/2019	21.00	138.26	-117.26
05S08E18G01S	1/24/2020	21.00	127.84	-106.84

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
05S08E18G01S	3/6/2020	21.00	123.88	-102.88
05S08E18G01S	5/13/2020	21.00	124.25	-103.25
05S08E18G01S	7/21/2020	21.00	137.25	-116.25
05S08E18G01S	9/11/2020	21.00	141.25	-120.25
05S08E20M01S	10/9/2009	-10.00	138.10	-148.10
05S08E20M01S	3/19/2010	-10.00	119.10	-129.10
05S08E28M01S	10/8/2009	-18.60	91.50	-110.10
05S08E28M01S	3/4/2010	-18.60	77.00	-95.60
05S08E28M01S	6/10/2010	-18.60	89.10	-107.70
05S08E28M01S	1/16/2019	-18.60	69.30	-87.90
05S08E28M01S	5/20/2019	-18.60	71.90	-90.50
05S08E28M01S	9/19/2019	-18.60	76.40	-95.00
05S08E28M01S	1/9/2020	-18.60	68.00	-86.60
05S08E28M01S	4/29/2020	-18.60	67.90	-86.50
05S08E28M01S	8/10/2020	-18.60	76.50	-95.10
05S08E28M02S	10/8/2009	-40.50	43.50	-84.00
05S08E28M02S	3/5/2010	-40.50	42.00	-82.50
05S08E28M02S	6/10/2010	-40.50	43.20	-83.70
05S08E28M02S	1/16/2019	-40.50	44.00	-84.50
05S08E28M02S	5/14/2019	-40.50	43.50	-84.00
05S08E28M02S	9/19/2019	-40.50	44.60	-85.10
05S08E28M02S	1/9/2020	-40.50	44.00	-84.50
05S08E28M02S	4/28/2020	-40.50	44.30	-84.80
05S08E28M02S	8/10/2020	-40.50	45.50	-86.00
05S08E29G01S	10/8/2009	-26.80	51.90	-78.70
05S08E29G01S	3/4/2010	-26.80	50.70	-77.50
05S08E29G01S	6/10/2010	-26.80	52.10	-78.90
05S08E29G01S	1/16/2019	-26.80	54.10	-80.90
05S08E29G01S	5/10/2019	-26.80	53.20	-80.00
05S08E29G01S	9/19/2019	-26.80	53.60	-80.40
05S08E29G01S	1/9/2020	-26.80	53.90	-80.70
05S08E29G01S	4/28/2020	-26.80	55.40	-82.20
05S08E29G01S	8/10/2020	-26.80	55.80	-82.60
05S08E29R01S	6/11/2010	-50.00	80.60	-130.60
05S08E31C03S	12/15/2009	-40.00	95.30	-135.30
05S08E31C03S	8/31/2010	-40.00	121.60	-161.60
05S08E31J01S	10/8/2009	-52.00	33.30	-85.30
05S08E31J01S	3/10/2010	-52.00	33.30	-85.30
05S08E31J01S	6/11/2010	-52.00	33.80	-85.80
05S08E33D01S	12/15/2009	-57.10	69.30	-126.40
05S08E33D01S	8/31/2010	-57.10	80.60	-137.70
05S08E33D01S	10/11/2018	-57.10	23.10	-80.20
05S08E33D01S	1/16/2019	-57.10	30.70	-87.80
05S08E33D01S	5/14/2019	-57.10	30.00	-87.10
05S08E33D01S	9/19/2019	-57.10	29.90	-87.00
05S08E33D01S	10/15/2019	-57.10	25.50	-82.60
05S08E33D01S	1/9/2020	-57.10	29.40	-86.50
05S08E33D01S	5/12/2020	-57.10	29.60	-86.70
05S08E33D01S	5/26/2020	-57.10	27.20	-84.30
05S08E33D01S	8/10/2020	-57.10	31.20	-88.30
05S08E33Q01S	3/12/2020	-77.00	12.00	-89.00
06S06E01Q01S	10/9/2009	53.30	191.00	-137.70
06S06E01Q01S	2/11/2010	53.30	185.80	-132.50
06S06E01Q01S	6/1/2010	53.30	185.40	-132.10
06S06E01Q01S	12/17/2018	53.30	168.40	-115.10
06S06E01Q01S	5/6/2019	53.30	167.40	-114.10
06S06E01Q01S	9/13/2019	53.30	178.60	-125.30
06S06E01Q01S	12/3/2019	53.30	170.20	-116.90
06S06E01Q01S	4/7/2020	53.30	164.90	-111.60
06S06E01Q01S	6/24/2020	53.30	165.10	-111.80

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06S06E06L01S	1/14/2020	919.00	110.74	808.26
06S06E06M01S	12/11/2009	918.64	151.00	767.64
06S06E12G01S	7/7/2010	91.20	224.10	-132.90
06S06E12G01S	12/6/2018	91.20	209.60	-118.40
06S06E12G01S	5/6/2019	91.20	204.80	-113.60
06S06E12G01S	9/13/2019	91.20	208.70	-117.50
06S06E12G01S	12/3/2019	91.20	208.70	-117.50
06S06E12G01S	12/3/2019	91.20	208.70	-117.50
06S06E12G01S	4/7/2020	91.20	202.50	-111.30
06S06E12G01S	4/7/2020	91.20	202.50	-111.30
06S06E12G01S	6/24/2020	91.20	202.40	-111.20
06S06E12G01S	6/24/2020	91.20	202.40	-111.20
06S07E01H01S	10/8/2009	-45.50	109.70	-155.20
06S07E01H01S	3/4/2010	-45.50	96.70	-142.20
06S07E01H01S	6/11/2010	-45.50	107.20	-152.70
06S07E01P01S	12/11/2009	-50.00	34.40	-84.40
06S07E01Q01S	10/8/2009	-46.90	33.50	-80.40
06S07E01Q01S	3/4/2010	-46.90	34.20	-81.10
06S07E01Q01S	6/11/2010	-46.90	38.30	-85.20
06S07E02D02S	10/6/2009	-1.20	112.90	-114.10
06S07E02D02S	1/29/2010	-1.20	108.20	-109.40
06S07E02D02S	6/1/2010	-1.20	109.80	-111.00
06S07E02D02S	1/15/2019	-1.20	79.40	-80.60
06S07E02D02S	5/10/2019	-1.20	79.50	-80.70
06S07E02D02S	9/19/2019	-1.20	79.70	-80.90
06S07E02D02S	1/8/2020	-1.20	79.20	-80.40
06S07E02D02S	4/23/2020	-1.20	79.20	-80.40
06S07E02D02S	6/24/2020	-1.20	79.60	-80.80
06S07E03H02S	11/26/2018	-1.00	125.52	-126.52
06S07E03H02S	11/26/2018	-1.00	125.52	-126.52
06S07E03H02S	1/25/2019	-1.00	110.44	-111.44
06S07E03H02S	1/25/2019	-1.00	110.44	-111.44
06S07E03H02S	3/11/2019	-1.00	110.71	-111.71
06S07E03H02S	3/11/2019	-1.00	110.71	-111.71
06S07E03H02S	5/16/2019	-1.00	124.75	-125.75
06S07E03H02S	5/16/2019	-1.00	124.75	-125.75
06S07E03H02S	7/2/2019	-1.00	132.57	-133.57
06S07E03H02S	7/2/2019	-1.00	132.57	-133.57
06S07E03H02S	9/10/2019	-1.00	131.61	-132.61
06S07E03H02S	9/10/2019	-1.00	131.61	-132.61
06S07E03H02S	11/22/2019	-1.00	122.63	-123.63
06S07E03H02S	11/22/2019	-1.00	122.63	-123.63
06S07E04D02S	10/6/2009	19.69	184.30	-164.61
06S07E04H01S	10/6/2009	-22.60	154.80	-177.40
06S07E04H01S	1/29/2010	-22.60	146.30	-168.90
06S07E04H01S	6/1/2010	-22.60	154.80	-177.40
06S07E04H01S	10/26/2018	-22.60	126.00	-148.60
06S07E04H01S	11/29/2018	-22.60	120.00	-142.60
06S07E04H01S	12/27/2018	-22.60	115.60	-138.20
06S07E04H01S	1/24/2019	-22.60	113.50	-136.10
06S07E04H01S	2/27/2019	-22.60	113.10	-135.70
06S07E04H01S	3/29/2019	-22.60	114.20	-136.80
06S07E04H01S	4/25/2019	-22.60	116.10	-138.70
06S07E04H01S	5/30/2019	-22.60	119.50	-142.10
06S07E04H01S	6/19/2019	-22.60	119.40	-142.00
06S07E04H01S	9/25/2019	-22.60	124.60	-147.20
06S07E04H01S	10/23/2019	-22.60	117.00	-139.60
06S07E04H01S	12/18/2019	-22.60	117.00	-139.60
06S07E04H01S	4/1/2020	-22.60	114.30	-136.90
06S07E04H01S	4/1/2020	-22.60	114.30	-136.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E04H01S	6/30/2020	-22.60	121.80	-144.40
06S07E04H01S	6/30/2020	-22.60	121.80	-144.40
06S07E04J03S	2/24/2020	19.00	125.17	-106.17
06S07E04J03S	2/24/2020	116.00	125.17	-9.17
06S07E04N01S	2/11/2010	36.60	158.80	-122.20
06S07E04N01S	6/1/2010	36.60	175.20	-138.60
06S07E04N01S	12/17/2018	36.60	153.30	-116.70
06S07E04N01S	5/7/2019	36.60	158.60	-122.00
06S07E04N01S	9/19/2019	36.60	158.40	-121.80
06S07E04N01S	12/12/2019	36.60	144.20	-107.60
06S07E04N01S	4/10/2020	36.60	140.70	-104.10
06S07E04N01S	6/25/2020	36.60	160.70	-124.10
06S07E05H01S	2/11/2010	33.40	151.00	-117.60
06S07E05H01S	6/1/2010	33.40	158.30	-124.90
06S07E05H01S	1/14/2019	33.40	140.60	-107.20
06S07E05H01S	5/6/2019	33.40	150.30	-116.90
06S07E05H01S	9/19/2019	33.40	152.70	-119.30
06S07E05H01S	12/12/2019	33.40	141.20	-107.80
06S07E05H01S	4/7/2020	33.40	137.90	-104.50
06S07E05H01S	6/25/2020	33.40	152.40	-119.00
06S07E06B01S	10/7/2009	40.30	176.60	-136.30
06S07E06B01S	2/11/2010	40.30	168.50	-128.20
06S07E06B01S	2/28/2010	40.30	172.30	-132.00
06S07E06B01S	12/17/2018	40.30	155.10	-114.80
06S07E06B01S	5/6/2019	40.30	153.30	-113.00
06S07E06B01S	9/18/2019	40.30	157.70	-117.40
06S07E06B01S	12/3/2019	40.30	154.30	-114.00
06S07E06B01S	4/7/2020	40.30	148.00	-107.70
06S07E06B01S	6/25/2020	40.30	150.90	-110.60
06S07E06J01S	10/7/2009	39.30	174.40	-135.10
06S07E06J01S	2/11/2010	39.30	166.80	-127.50
06S07E06J01S	5/28/2010	39.30	170.20	-130.90
06S07E06J01S	12/17/2018	39.30	153.60	-114.30
06S07E06J01S	5/6/2019	39.30	151.70	-112.40
06S07E06J01S	9/18/2019	39.30	155.20	-115.90
06S07E06J01S	12/3/2019	39.30	152.30	-113.00
06S07E06J01S	4/17/2020	39.30	146.50	-107.20
06S07E06J01S	6/25/2020	39.30	149.60	-110.30
06S07E07B01S	5/8/2009	50.00	180.70	-130.70
06S07E07B01S	1/27/2010	50.00	179.50	-129.50
06S07E07B01S	5/25/2010	50.00	169.20	-119.20
06S07E07B01S	9/9/2010	50.00	173.40	-123.40
06S07E10A02S	10/9/2009	-14.20	137.70	-151.90
06S07E10A02S	1/22/2010	-14.20	118.20	-132.40
06S07E10A02S	6/11/2010	-14.20	146.00	-160.20
06S07E10A02S	1/15/2019	-14.20	102.80	-117.00
06S07E10A02S	5/10/2019	-14.20	111.70	-125.90
06S07E10A02S	9/25/2019	-14.20	120.10	-134.30
06S07E10A02S	1/8/2020	-14.20	105.10	-119.30
06S07E10A02S	4/17/2020	-14.20	100.70	-114.90
06S07E10A02S	6/24/2020	-14.20	124.90	-139.10
06S07E12E01S	10/8/2009	-45.00	34.50	-79.50
06S07E12H03S	10/8/2009	-65.00	22.90	-87.90
06S07E12H03S	6/11/2010	-65.00	25.00	-90.00
06S07E13J03S	11/19/2019	75.00	57.03	17.97
06S07E13J03S	3/3/2020	75.00	45.52	29.48
06S07E13J03S	5/28/2020	75.00	55.60	19.40
06S07E13J03S	8/25/2020	75.00	66.77	8.23
06S07E13J04S	11/19/2019	-74.15	18.11	-92.26
06S07E13J04S	3/3/2020	-74.15	19.45	-93.60

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06S07E13J04S	5/28/2020	-74.15	18.82	-92.97
06S07E13J04S	8/25/2020	-74.15	18.56	-92.71
06S07E13M02S	10/9/2009	-57.50	28.30	-85.80
06S07E13M02S	3/11/2010	-57.50	29.60	-87.10
06S07E13M02S	6/11/2010	-57.50	29.60	-87.10
06S07E13M02S	12/6/2018	-57.50	30.10	-87.60
06S07E13M02S	5/9/2019	-57.50	29.90	-87.40
06S07E13M02S	9/23/2019	-57.50	30.20	-87.70
06S07E13M02S	12/20/2019	-57.50	30.90	-88.40
06S07E13M02S	12/20/2019	-57.50	30.90	-88.40
06S07E13M02S	4/16/2020	-57.50	31.30	-88.80
06S07E13M02S	4/16/2020	-57.50	31.30	-88.80
06S07E13M02S	6/22/2020	-57.50	30.60	-88.10
06S07E13M02S	6/22/2020	-57.50	30.60	-88.10
06S07E13M04S	10/9/2009	-61.10	94.40	-155.50
06S07E13M04S	3/11/2010	-61.10	72.20	-133.30
06S07E13M04S	6/11/2010	-61.10	90.60	-151.70
06S07E13M04S	1/15/2019	-61.10	56.30	-117.40
06S07E13M04S	5/9/2019	-61.10	63.40	-124.50
06S07E13M04S	9/23/2019	-61.10	71.00	-132.10
06S07E13M04S	12/20/2019	-61.10	59.70	-120.80
06S07E13M04S	4/16/2020	-61.10	55.30	-116.40
06S07E13M05S	6/19/2019	-58.50	30.10	-88.60
06S07E13M05S	10/1/2019	-58.50	28.90	-87.40
06S07E13M05S	10/23/2019	-58.50	27.00	-85.50
06S07E13M05S	4/10/2020	-58.50	28.00	-86.50
06S07E13M05S	4/23/2020	-58.50	28.10	-86.60
06S07E13M05S	6/30/2020	-58.50	27.50	-86.00
06S07E13M05S	9/16/2020	-58.50	26.70	-85.20
06S07E16A02S	10/6/2009	-5.50	150.30	-155.80
06S07E16A02S	3/5/2010	-5.50	127.10	-132.60
06S07E16A02S	6/7/2010	-5.50	141.40	-146.90
06S07E16A02S	1/14/2019	-5.50	109.40	-114.90
06S07E16A02S	5/8/2019	-5.50	117.40	-122.90
06S07E16A02S	9/24/2019	-5.50	118.70	-124.20
06S07E16A02S	12/12/2019	-5.50	115.20	-120.70
06S07E16A02S	4/10/2020	-5.50	102.60	-108.10
06S07E16A02S	6/25/2020	-5.50	118.00	-123.50
06S07E16D02S	10/7/2009	1.00	147.20	-146.20
06S07E16D02S	3/5/2010	1.00	129.10	-128.10
06S07E16D02S	6/7/2010	1.00	137.10	-136.10
06S07E16D02S	12/6/2018	1.00	109.90	-108.90
06S07E16D02S	5/7/2019	1.00	108.40	-107.40
06S07E16D02S	9/19/2019	1.00	113.10	-112.10
06S07E16D02S	12/12/2019	1.00	105.50	-104.50
06S07E16D02S	12/12/2019	1.00	105.50	-104.50
06S07E16D02S	4/10/2020	1.00	99.90	-98.90
06S07E16D02S	4/10/2020	1.00	99.90	-98.90
06S07E16D02S	6/24/2020	1.00	108.70	-107.70
06S07E16D02S	6/24/2020	1.00	108.70	-107.70
06S07E16R02S	10/7/2009	-17.80	142.30	-160.10
06S07E16R02S	3/5/2010	-17.80	125.20	-143.00
06S07E16R02S	6/10/2010	-17.80	127.90	-145.70
06S07E16R02S	1/14/2019	-17.80	89.30	-107.10
06S07E16R02S	5/8/2019	-17.80	99.30	-117.10
06S07E16R02S	9/24/2019	-17.80	103.60	-121.40
06S07E16R02S	12/12/2019	-17.80	103.00	-120.80
06S07E16R02S	4/10/2020	-17.80	86.40	-104.20
06S07E16R02S	6/25/2020	-17.80	101.50	-119.30
06S07E22B02S	10/9/2009	-64.00	116.80	-180.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E22B02S	1/22/2010	-64.00	99.80	-163.80
06S07E22B02S	1/15/2019	-64.00	75.70	-139.70
06S07E22B02S	5/8/2019	-64.00	89.10	-153.10
06S07E22B02S	9/23/2019	-64.00	88.70	-152.70
06S07E22B02S	12/12/2019	-64.00	84.00	-148.00
06S07E22B02S	4/10/2020	-64.00	72.30	-136.30
06S07E22B02S	6/26/2020	-64.00	86.30	-150.30
06S07E23F01S	5/1/2009	-54.90	100.70	-155.60
06S07E23F01S	1/19/2010	-54.90	81.90	-136.80
06S07E23F01S	5/28/2010	-54.90	89.80	-144.70
06S07E23F01S	9/28/2010	-54.90	98.20	-153.10
06S07E23F01S	12/11/2018	-54.90	62.50	-117.40
06S07E23F01S	5/9/2019	-54.90	66.30	-121.20
06S07E23F01S	9/23/2019	-54.90	70.70	-125.60
06S07E23F01S	1/8/2020	-54.90	57.10	-112.00
06S07E23F01S	1/8/2020	-54.90	57.10	-112.00
06S07E23F01S	4/23/2020	-54.90	57.00	-111.90
06S07E23F01S	4/23/2020	-54.90	57.00	-111.90
06S07E23F01S	6/24/2020	-54.90	70.70	-125.60
06S07E23F01S	6/24/2020	-54.90	70.70	-125.60
06S07E23N05S	10/16/2009	-72.18	91.10	-163.28
06S07E23N05S	2/9/2010	-72.18	65.70	-137.88
06S07E23N05S	6/16/2010	-72.18	89.30	-161.48
06S07E25L01S	6/16/2019	-85.40	10.90	-96.30
06S07E25L01S	10/1/2019	-85.40	11.70	-97.10
06S07E25L01S	10/23/2019	-85.40	12.30	-97.70
06S07E25L01S	4/1/2020	-85.40	11.10	-96.50
06S07E25L01S	4/23/2020	-85.40	10.50	-95.90
06S07E25L01S	6/30/2020	-85.40	9.00	-94.40
06S07E25L01S	9/16/2020	-85.40	9.90	-95.30
06S07E26Q01S	10/16/2009	-83.80	75.50	-159.30
06S07E26Q01S	2/9/2010	-83.80	54.70	-138.50
06S07E26Q01S	6/16/2010	-83.80	78.30	-162.10
06S07E26Q01S	12/6/2018	-83.80	32.20	-116.00
06S07E26Q01S	5/8/2019	-83.80	31.40	-115.20
06S07E26Q01S	9/24/2019	-83.80	34.80	-118.60
06S07E26Q01S	12/20/2019	-83.80	28.80	-112.60
06S07E26Q01S	12/20/2019	-83.80	28.80	-112.60
06S07E26Q01S	4/23/2020	-83.80	24.60	-108.40
06S07E26Q01S	4/23/2020	-83.80	24.60	-108.40
06S07E26Q01S	6/24/2020	-83.80	33.30	-117.10
06S07E26Q01S	6/24/2020	-83.80	33.30	-117.10
06S07E27J03S	6/19/2019	-63.00	28.50	-91.50
06S07E27J03S	10/1/2019	-63.00	28.30	-91.30
06S07E27J03S	10/23/2019	-63.00	28.20	-91.20
06S07E27J03S	4/1/2020	-63.00	27.40	-90.40
06S07E27J03S	4/23/2020	-63.00	27.30	-90.30
06S07E27J03S	6/30/2020	-63.00	27.30	-90.30
06S07E27J03S	9/16/2020	-63.00	26.90	-89.90
06S07E28A01S	10/16/2009	-59.06	115.60	-174.66
06S07E28A01S	2/9/2010	-59.06	91.20	-150.26
06S07E28A01S	6/11/2010	-59.06	97.30	-156.36
06S07E29A01S	10/16/2009	-5.00	192.70	-197.70
06S07E29A01S	2/9/2010	-5.00	155.20	-160.20
06S07E29B01S	2/9/2010	23.60	171.20	-147.60
06S07E29B01S	12/6/2018	23.60	117.00	-93.40
06S07E29B01S	5/24/2019	23.60	117.40	-93.80
06S07E29B01S	9/23/2019	23.60	119.40	-95.80
06S07E29B01S	12/20/2019	23.60	116.70	-93.10
06S07E29B01S	12/20/2019	23.60	116.70	-93.10

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E29B01S	4/10/2020	23.60	111.80	-88.20
06S07E29B01S	4/10/2020	23.60	111.80	-88.20
06S07E29B01S	6/26/2020	23.60	114.40	-90.80
06S07E29B01S	6/26/2020	23.60	114.40	-90.80
06S07E33G01S	10/1/2009	39.90	183.10	-143.20
06S07E33G01S	10/8/2009	39.90	180.90	-141.00
06S07E33G01S	10/15/2009	39.90	180.00	-140.10
06S07E33G01S	10/22/2009	39.90	180.80	-140.90
06S07E33G01S	10/29/2009	39.90	177.60	-137.70
06S07E33G01S	11/5/2009	39.90	176.10	-136.20
06S07E33G01S	11/12/2009	39.90	172.20	-132.30
06S07E33G01S	11/19/2009	39.90	170.20	-130.30
06S07E33G01S	11/24/2009	39.90	169.80	-129.90
06S07E33G01S	12/3/2009	39.90	172.00	-132.10
06S07E33G01S	12/10/2009	39.90	173.40	-133.50
06S07E33G01S	12/17/2009	39.90	173.80	-133.90
06S07E33G01S	12/22/2009	39.90	174.60	-134.70
06S07E33G01S	12/30/2009	39.90	170.10	-130.20
06S07E33G01S	1/7/2010	39.90	167.40	-127.50
06S07E33G01S	1/14/2010	39.90	166.30	-126.40
06S07E33G01S	1/21/2010	39.90	166.60	-126.70
06S07E33G01S	1/28/2010	39.90	166.90	-127.00
06S07E33G01S	2/4/2010	39.90	166.50	-126.60
06S07E33G01S	2/11/2010	39.90	166.80	-126.90
06S07E33G01S	2/18/2010	39.90	166.50	-126.60
06S07E33G01S	2/23/2010	39.90	165.10	-125.20
06S07E33G01S	3/4/2010	39.90	164.80	-124.90
06S07E33G01S	3/11/2010	39.90	162.10	-122.20
06S07E33G01S	3/18/2010	39.90	165.50	-125.60
06S07E33G01S	3/25/2010	39.90	165.30	-125.40
06S07E33G01S	4/8/2010	39.90	160.90	-121.00
06S07E33G01S	4/15/2010	39.90	159.40	-119.50
06S07E33G01S	4/22/2010	39.90	156.10	-116.20
06S07E33G01S	4/29/2010	39.90	156.00	-116.10
06S07E33G01S	5/6/2010	39.90	153.90	-114.00
06S07E33G01S	5/13/2010	39.90	153.50	-113.60
06S07E33G01S	5/20/2010	39.90	151.10	-111.20
06S07E33G01S	5/27/2010	39.90	151.30	-111.40
06S07E33G01S	6/9/2010	39.90	150.40	-110.50
06S07E33G01S	7/15/2010	39.90	153.10	-113.20
06S07E33G01S	8/19/2010	39.90	151.90	-112.00
06S07E33G01S	9/14/2010	39.90	146.70	-106.80
06S07E33G01S	10/26/2018	39.90	111.10	-71.20
06S07E33G01S	11/29/2018	39.90	113.10	-73.20
06S07E33G01S	12/27/2018	39.90	112.00	-72.10
06S07E33G01S	1/24/2019	39.90	106.10	-66.20
06S07E33G01S	2/27/2019	39.90	109.20	-69.30
06S07E33G01S	3/29/2019	39.90	106.70	-66.80
06S07E33G01S	4/25/2019	39.90	106.20	-66.30
06S07E33G01S	5/30/2019	39.90	110.70	-70.80
06S07E33G01S	9/24/2019	39.90	108.20	-68.30
06S07E33G01S	12/16/2019	39.90	110.30	-70.40
06S07E33G01S	4/2/2020	39.90	104.20	-64.30
06S07E33G01S	6/30/2020	39.90	110.40	-70.50
06S07E33G01S	9/16/2020	39.90	107.10	-67.20
06S07E33G02S	10/1/2009	39.90	181.30	-141.40
06S07E33G02S	10/8/2009	39.90	179.00	-139.10
06S07E33G02S	10/15/2009	39.90	178.80	-138.90
06S07E33G02S	10/22/2009	39.90	179.40	-139.50
06S07E33G02S	10/29/2009	39.90	177.10	-137.20

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E33G02S	11/5/2009	39.90	174.10	-134.20
06S07E33G02S	11/12/2009	39.90	169.50	-129.60
06S07E33G02S	11/19/2009	39.90	167.60	-127.70
06S07E33G02S	11/24/2009	39.90	167.30	-127.40
06S07E33G02S	12/3/2009	39.90	171.20	-131.30
06S07E33G02S	12/10/2009	39.90	172.20	-132.30
06S07E33G02S	12/17/2009	39.90	172.50	-132.60
06S07E33G02S	12/22/2009	39.90	173.60	-133.70
06S07E33G02S	12/30/2009	39.90	168.30	-128.40
06S07E33G02S	1/7/2010	39.90	165.40	-125.50
06S07E33G02S	1/14/2010	39.90	164.00	-124.10
06S07E33G02S	1/21/2010	39.90	164.50	-124.60
06S07E33G02S	1/28/2010	39.90	163.20	-123.30
06S07E33G02S	2/4/2010	39.90	164.60	-124.70
06S07E33G02S	2/11/2010	39.90	164.60	-124.70
06S07E33G02S	2/18/2010	39.90	164.00	-124.10
06S07E33G02S	2/24/2010	39.90	162.40	-122.50
06S07E33G02S	3/4/2010	39.90	162.20	-122.30
06S07E33G02S	3/11/2010	39.90	159.30	-119.40
06S07E33G02S	3/18/2010	39.90	163.70	-123.80
06S07E33G02S	3/25/2010	39.90	163.40	-123.50
06S07E33G02S	4/8/2010	39.90	158.80	-118.90
06S07E33G02S	4/15/2010	39.90	157.50	-117.60
06S07E33G02S	4/22/2010	39.90	153.40	-113.50
06S07E33G02S	4/29/2010	39.90	153.60	-113.70
06S07E33G02S	5/6/2010	39.90	151.20	-111.30
06S07E33G02S	5/13/2010	39.90	150.50	-110.60
06S07E33G02S	5/20/2010	39.90	148.10	-108.20
06S07E33G02S	5/27/2010	39.90	148.20	-108.30
06S07E33G02S	6/9/2010	39.90	148.20	-108.30
06S07E33G02S	7/15/2010	39.90	151.10	-111.20
06S07E33G02S	8/19/2010	39.90	148.90	-109.00
06S07E33G02S	9/14/2010	39.90	144.40	-104.50
06S07E33G02S	10/26/2018	39.90	108.70	-68.80
06S07E33G02S	11/29/2018	39.90	112.00	-72.10
06S07E33G02S	12/27/2018	39.90	110.80	-70.90
06S07E33G02S	1/24/2019	39.90	104.10	-64.20
06S07E33G02S	2/27/2019	39.90	107.80	-67.90
06S07E33G02S	3/29/2019	39.90	104.90	-65.00
06S07E33G02S	4/25/2019	39.90	103.90	-64.00
06S07E33G02S	5/30/2019	39.90	109.30	-69.40
06S07E33G02S	9/24/2019	39.90	105.90	-66.00
06S07E33G02S	12/16/2019	39.90	109.40	-69.50
06S07E33G02S	4/2/2020	39.90	102.60	-62.70
06S07E33G02S	6/30/2020	39.90	109.20	-69.30
06S07E33G02S	9/16/2020	39.90	105.00	-65.10
06S07E33J01S	10/1/2009	39.10	183.70	-144.60
06S07E33J01S	10/8/2009	39.10	180.40	-141.30
06S07E33J01S	10/15/2009	39.10	178.90	-139.80
06S07E33J01S	10/22/2009	39.10	180.40	-141.30
06S07E33J01S	10/29/2009	39.10	178.40	-139.30
06S07E33J01S	11/5/2009	39.10	176.10	-137.00
06S07E33J01S	11/12/2009	39.10	174.00	-134.90
06S07E33J01S	11/19/2009	39.10	172.70	-133.60
06S07E33J01S	11/24/2009	39.10	172.30	-133.20
06S07E33J01S	12/3/2009	39.10	173.60	-134.50
06S07E33J01S	12/10/2009	39.10	173.40	-134.30
06S07E33J01S	12/17/2009	39.10	174.40	-135.30
06S07E33J01S	12/22/2009	39.10	174.60	-135.50
06S07E33J01S	12/30/2009	39.10	171.50	-132.40

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E33J01S	1/7/2010	39.10	168.80	-129.70
06S07E33J01S	1/14/2010	39.10	167.70	-128.60
06S07E33J01S	1/21/2010	39.10	167.70	-128.60
06S07E33J01S	1/28/2010	39.10	167.20	-128.10
06S07E33J01S	2/4/2010	39.10	167.40	-128.30
06S07E33J01S	2/11/2010	39.10	169.20	-130.10
06S07E33J01S	2/18/2010	39.10	168.10	-129.00
06S07E33J01S	2/23/2010	39.10	167.20	-128.10
06S07E33J01S	3/4/2010	39.10	166.60	-127.50
06S07E33J01S	3/11/2010	39.10	164.20	-125.10
06S07E33J01S	3/18/2010	39.10	166.50	-127.40
06S07E33J01S	3/25/2010	39.10	166.40	-127.30
06S07E33J01S	4/8/2010	39.10	161.70	-122.60
06S07E33J01S	4/15/2010	39.10	160.30	-121.20
06S07E33J01S	4/22/2010	39.10	158.10	-119.00
06S07E33J01S	4/29/2010	39.10	157.80	-118.70
06S07E33J01S	5/6/2010	39.10	156.10	-117.00
06S07E33J01S	5/13/2010	39.10	155.40	-116.30
06S07E33J01S	5/20/2010	39.10	153.90	-114.80
06S07E33J01S	5/27/2010	39.10	153.90	-114.80
06S07E33J01S	6/9/2010	39.10	153.60	-114.50
06S07E33J01S	7/15/2010	39.10	152.30	-113.20
06S07E33J01S	8/19/2010	39.10	152.40	-113.30
06S07E33J01S	9/14/2010	39.10	148.50	-109.40
06S07E33J01S	10/26/2018	39.10	113.80	-74.70
06S07E33J01S	11/29/2018	39.10	112.00	-72.90
06S07E33J01S	12/27/2018	39.10	111.50	-72.40
06S07E33J01S	1/24/2019	39.10	108.50	-69.40
06S07E33J01S	2/27/2019	39.10	111.90	-72.80
06S07E33J01S	3/29/2019	39.10	107.10	-68.00
06S07E33J01S	4/25/2019	39.10	106.50	-67.40
06S07E33J01S	5/30/2019	39.10	109.20	-70.10
06S07E33J01S	9/24/2019	39.10	110.30	-71.20
06S07E33J01S	12/16/2019	39.10	108.60	-69.50
06S07E33J01S	4/2/2020	39.10	106.80	-67.70
06S07E33J01S	6/30/2020	39.10	108.30	-69.20
06S07E33J01S	9/16/2020	39.10	108.20	-69.10
06S07E33J02S	10/1/2009	39.10	182.40	-143.30
06S07E33J02S	10/8/2009	39.10	181.70	-142.60
06S07E33J02S	10/15/2009	39.10	177.30	-138.20
06S07E33J02S	10/22/2009	39.10	179.50	-140.40
06S07E33J02S	10/29/2009	39.10	177.30	-138.20
06S07E33J02S	11/5/2009	39.10	174.70	-135.60
06S07E33J02S	11/12/2009	39.10	172.50	-133.40
06S07E33J02S	11/19/2009	39.10	171.30	-132.20
06S07E33J02S	11/24/2009	39.10	170.90	-131.80
06S07E33J02S	12/3/2009	39.10	172.70	-133.60
06S07E33J02S	12/10/2009	39.10	172.40	-133.30
06S07E33J02S	12/17/2009	39.10	173.60	-134.50
06S07E33J02S	12/22/2009	39.10	173.90	-134.80
06S07E33J02S	12/30/2009	39.10	170.70	-131.60
06S07E33J02S	1/7/2010	39.10	167.90	-128.80
06S07E33J02S	1/14/2010	39.10	166.70	-127.60
06S07E33J02S	1/21/2010	39.10	166.80	-127.70
06S07E33J02S	1/28/2010	39.10	168.90	-129.80
06S07E33J02S	2/4/2010	39.10	166.70	-127.60
06S07E33J02S	2/11/2010	39.10	167.20	-128.10
06S07E33J02S	2/18/2010	39.10	167.60	-128.50
06S07E33J02S	2/23/2010	39.10	166.50	-127.40
06S07E33J02S	3/4/2010	39.10	167.10	-128.00

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E33J02S	3/11/2010	39.10	163.30	-124.20
06S07E33J02S	3/18/2010	39.10	165.70	-126.60
06S07E33J02S	3/25/2010	39.10	165.70	-126.60
06S07E33J02S	4/8/2010	39.10	160.80	-121.70
06S07E33J02S	4/15/2010	39.10	159.30	-120.20
06S07E33J02S	4/22/2010	39.10	157.20	-118.10
06S07E33J02S	4/29/2010	39.10	156.80	-117.70
06S07E33J02S	5/6/2010	39.10	154.90	-115.80
06S07E33J02S	5/13/2010	39.10	154.20	-115.10
06S07E33J02S	5/20/2010	39.10	152.40	-113.30
06S07E33J02S	5/27/2010	39.10	152.20	-113.10
06S07E33J02S	6/9/2010	39.10	152.30	-113.20
06S07E33J02S	7/15/2010	39.10	152.50	-113.40
06S07E33J02S	8/19/2010	39.10	151.10	-112.00
06S07E33J02S	9/14/2010	39.10	149.60	-110.50
06S07E33J02S	10/26/2018	39.10	112.70	-73.60
06S07E33J02S	11/29/2018	39.10	110.70	-71.60
06S07E33J02S	12/27/2018	39.10	110.70	-71.60
06S07E33J02S	1/24/2019	39.10	107.50	-68.40
06S07E33J02S	2/27/2019	39.10	111.20	-72.10
06S07E33J02S	3/29/2019	39.10	109.90	-70.80
06S07E33J02S	4/25/2019	39.10	105.20	-66.10
06S07E33J02S	5/30/2019	39.10	108.50	-69.40
06S07E33J02S	9/24/2019	39.10	109.10	-70.00
06S07E33J02S	12/16/2019	39.10	107.40	-68.30
06S07E33J02S	4/2/2020	39.10	105.80	-66.70
06S07E33J02S	6/30/2020	39.10	107.70	-68.60
06S07E33J02S	9/16/2020	39.10	106.80	-67.70
06S07E33Q01S	5/7/2009	90.00	273.70	-183.70
06S07E33R01S	5/7/2009	70.00	210.40	-140.40
06S07E33R01S	10/1/2009	70.00	197.60	-127.60
06S07E33R01S	1/27/2010	70.00	178.90	-108.90
06S07E33R01S	5/25/2010	70.00	167.10	-97.10
06S07E33R01S	9/9/2010	70.00	161.50	-91.50
06S07E33R02S	5/7/2009	59.06	231.80	-172.74
06S07E33R02S	10/1/2009	59.06	219.20	-160.14
06S07E33R02S	1/27/2010	59.06	198.60	-139.54
06S07E33R02S	2/25/2010	59.06	186.70	-127.64
06S07E33R02S	9/9/2010	59.06	180.60	-121.54
06S07E33R03S	10/1/2009	75.00	198.70	-123.70
06S07E33R03S	11/25/2009	75.00	189.40	-114.40
06S07E33R03S	1/27/2010	75.00	178.20	-103.20
06S07E33R03S	5/25/2010	75.00	165.60	-90.60
06S07E33R03S	9/9/2010	75.00	160.30	-85.30
06S07E34A01S	10/20/2009	-77.50	79.30	-156.80
06S07E34A01S	10/22/2009	-77.50	78.50	-156.00
06S07E34A01S	11/19/2009	-77.50	73.50	-151.00
06S07E34A01S	1/14/2010	-77.50	65.30	-142.80
06S07E34A01S	2/18/2010	-77.50	63.70	-141.20
06S07E34A01S	3/18/2010	-77.50	62.00	-139.50
06S07E34A01S	4/15/2010	-77.50	57.40	-134.90
06S07E34A01S	5/20/2010	-77.50	56.00	-133.50
06S07E34A01S	6/8/2010	-77.50	54.10	-131.60
06S07E34A01S	7/15/2010	-77.50	52.90	-130.40
06S07E34A01S	8/19/2010	-77.50	51.80	-129.30
06S07E34A01S	9/15/2010	-77.50	50.00	-127.50
06S07E34A01S	10/26/2018	-77.50	11.80	-89.30
06S07E34A01S	11/29/2018	-77.50	10.50	-88.00
06S07E34A01S	12/27/2018	-77.50	8.10	-85.60
06S07E34A01S	1/24/2019	-77.50	6.70	-84.20

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E34A01S	2/27/2019	-77.50	7.60	-85.10
06S07E34A01S	3/29/2019	-77.50	6.20	-83.70
06S07E34A01S	4/25/2019	-77.50	6.30	-83.80
06S07E34A01S	5/30/2019	-77.50	6.70	-84.20
06S07E34A01S	9/24/2019	-77.50	8.60	-86.10
06S07E34A01S	12/18/2019	-77.50	5.50	-83.00
06S07E34A01S	4/3/2020	-77.50	2.40	-79.90
06S07E34A01S	6/30/2020	-77.50	5.40	-82.90
06S07E34A02S	10/1/2009	-76.30	37.90	-114.20
06S07E34A02S	10/22/2009	-76.30	37.90	-114.20
06S07E34A02S	11/19/2009	-76.30	37.70	-114.00
06S07E34A02S	12/9/2009	-76.30	37.10	-113.40
06S07E34A02S	12/17/2009	-76.30	37.00	-113.30
06S07E34A02S	1/14/2010	-76.30	36.60	-112.90
06S07E34A02S	1/21/2010	-76.30	36.40	-112.70
06S07E34A02S	2/18/2010	-76.30	36.30	-112.60
06S07E34A02S	2/25/2010	-76.30	35.90	-112.20
06S07E34A02S	3/18/2010	-76.30	35.90	-112.20
06S07E34A02S	4/15/2010	-76.30	35.60	-111.90
06S07E34A02S	5/20/2010	-76.30	35.60	-111.90
06S07E34A02S	6/8/2010	-76.30	35.50	-111.80
06S07E34A02S	7/15/2010	-76.30	40.80	-117.10
06S07E34A02S	7/19/2010	-76.30	35.20	-111.50
06S07E34A02S	8/19/2010	-76.30	36.00	-112.30
06S07E34A02S	9/15/2010	-76.30	35.90	-112.20
06S07E34A02S	10/26/2018	-76.30	22.70	-99.00
06S07E34A02S	11/29/2018	-76.30	22.60	-98.90
06S07E34A02S	12/27/2018	-76.30	22.40	-98.70
06S07E34A02S	1/24/2019	-76.30	22.30	-98.60
06S07E34A02S	2/27/2019	-76.30	22.10	-98.40
06S07E34A02S	3/29/2019	-76.30	22.00	-98.30
06S07E34A02S	4/25/2019	-76.30	21.90	-98.20
06S07E34A02S	5/30/2019	-76.30	21.40	-97.70
06S07E34A02S	9/24/2019	-76.30	21.70	-98.00
06S07E34A02S	12/18/2019	-76.30	21.30	-97.60
06S07E34A02S	4/3/2020	-76.30	20.40	-96.70
06S07E34A02S	6/30/2020	-76.30	20.70	-97.00
06S07E34A02S	9/17/2020	-76.30	20.30	-96.60
06S07E34A03S	6/19/2019	-76.30	17.40	-93.70
06S07E34A03S	9/24/2019	-76.30	17.30	-93.60
06S07E34A03S	10/23/2019	-76.30	17.20	-93.50
06S07E34A03S	12/18/2019	-76.30	17.00	-93.30
06S07E34A03S	4/3/2020	-76.30	16.10	-92.40
06S07E34A03S	4/22/2020	-76.30	16.00	-92.30
06S07E34A03S	6/30/2020	-76.30	16.10	-92.40
06S07E34A03S	9/16/2020	-76.30	16.00	-92.30
06S07E34D01S	10/20/2009	-15.50	134.10	-149.60
06S07E34D01S	10/22/2009	-15.50	134.20	-149.70
06S07E34D01S	11/19/2009	-15.50	128.20	-143.70
06S07E34D01S	1/14/2010	-15.50	125.60	-141.10
06S07E34D01S	1/21/2010	-15.50	120.10	-135.60
06S07E34D01S	2/18/2010	-15.50	119.20	-134.70
06S07E34D01S	3/18/2010	-15.50	117.80	-133.30
06S07E34D01S	4/15/2010	-15.50	113.00	-128.50
06S07E34D01S	5/20/2010	-15.50	109.50	-125.00
06S07E34D01S	6/8/2010	-15.50	108.80	-124.30
06S07E34D01S	7/15/2010	-15.50	107.30	-122.80
06S07E34D01S	8/19/2010	-15.50	106.50	-122.00
06S07E34D01S	9/15/2010	-15.50	103.00	-118.50
06S07E34D01S	10/26/2018	-15.50	65.40	-80.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E34D01S	11/29/2018	-15.50	63.90	-79.40
06S07E34D01S	12/27/2018	-15.50	62.80	-78.30
06S07E34D01S	1/24/2019	-15.50	59.80	-75.30
06S07E34D01S	2/27/2019	-15.50	61.20	-76.70
06S07E34D01S	3/29/2019	-15.50	59.20	-74.70
06S07E34D01S	4/25/2019	-15.50	59.00	-74.50
06S07E34D01S	5/30/2019	-15.50	60.80	-76.30
06S07E34D01S	9/24/2019	-15.50	63.80	-79.30
06S07E34D01S	12/18/2019	-15.50	60.20	-75.70
06S07E34D01S	4/3/2020	-15.50	55.90	-71.40
06S07E34D01S	7/27/2020	-15.50	60.50	-76.00
06S07E34D02S	10/1/2009	-14.30	138.80	-153.10
06S07E34D02S	10/22/2009	-14.30	134.20	-148.50
06S07E34D02S	11/19/2009	-14.30	128.10	-142.40
06S07E34D02S	12/9/2009	-14.30	126.50	-140.80
06S07E34D02S	12/17/2009	-14.30	126.20	-140.50
06S07E34D02S	1/14/2010	-14.30	123.70	-138.00
06S07E34D02S	1/21/2010	-14.30	120.20	-134.50
06S07E34D02S	2/18/2010	-14.30	119.50	-133.80
06S07E34D02S	2/25/2010	-14.30	118.50	-132.80
06S07E34D02S	3/18/2010	-14.30	117.80	-132.10
06S07E34D02S	4/15/2010	-14.30	113.10	-127.40
06S07E34D02S	5/20/2010	-14.30	109.10	-123.40
06S07E34D02S	6/8/2010	-14.30	107.40	-121.70
06S07E34D02S	7/15/2010	-14.30	107.10	-121.40
06S07E34D02S	8/19/2010	-14.30	106.60	-120.90
06S07E34D02S	9/15/2010	-14.30	102.80	-117.10
06S07E34D02S	10/26/2018	-14.30	65.30	-79.60
06S07E34D02S	11/29/2018	-14.30	64.30	-78.60
06S07E34D02S	12/27/2018	-14.30	63.50	-77.80
06S07E34D02S	1/24/2019	-14.30	60.20	-74.50
06S07E34D02S	2/27/2019	-14.30	61.50	-75.80
06S07E34D02S	3/29/2019	-14.30	59.50	-73.80
06S07E34D02S	4/25/2019	-14.30	59.40	-73.70
06S07E34D02S	5/30/2019	-14.30	61.30	-75.60
06S07E34D02S	9/24/2019	-14.30	62.10	-76.40
06S07E34D02S	12/18/2019	-14.30	60.40	-74.70
06S07E34D02S	4/3/2020	-14.30	56.20	-70.50
06S07E34D02S	7/27/2020	-14.30	61.20	-75.50
06S07E34D02S	9/17/2020	-14.30	60.50	-74.80
06S07E34N01S	5/7/2009	-5.90	165.30	-171.20
06S07E34N01S	5/14/2009	-5.90	166.20	-172.10
06S07E34N01S	5/21/2009	-5.90	166.60	-172.50
06S07E34N01S	5/28/2009	-5.90	167.00	-172.90
06S07E34N01S	10/1/2009	-5.90	154.10	-160.00
06S07E34N01S	11/24/2009	-5.90	140.30	-146.20
06S07E34N01S	12/23/2009	-5.90	137.60	-143.50
06S07E34N01S	2/24/2010	-5.90	132.30	-138.20
06S07E34N01S	4/1/2010	-5.90	126.80	-132.70
06S07E34N01S	4/15/2010	-5.90	123.60	-129.50
06S07E34N01S	5/20/2010	-5.90	122.90	-128.80
06S07E34N01S	6/8/2010	-5.90	119.90	-125.80
06S07E34N01S	7/15/2010	-5.90	119.50	-125.40
06S07E34N01S	8/19/2010	-5.90	118.80	-124.70
06S07E34N01S	9/14/2010	-5.90	117.10	-123.00
06S07E34N01S	10/26/2018	-5.90	75.30	-81.20
06S07E34N01S	11/29/2018	-5.90	73.20	-79.10
06S07E34N01S	12/27/2018	-5.90	69.10	-75.00
06S07E34N01S	1/24/2019	-5.90	69.80	-75.70
06S07E34N01S	2/27/2019	-5.90	71.80	-77.70

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E34N01S	3/29/2019	-5.90	69.50	-75.40
06S07E34N01S	4/25/2019	-5.90	69.70	-75.60
06S07E34N01S	10/1/2019	-5.90	69.20	-75.10
06S07E34N01S	4/3/2020	-5.90	66.00	-71.90
06S07E34N01S	7/27/2020	-5.90	64.10	-70.00
06S07E34N02S	10/1/2009	13.20	174.70	-161.50
06S07E34N02S	10/8/2009	13.20	173.30	-160.10
06S07E34N02S	10/22/2009	13.20	167.40	-154.20
06S07E34N02S	11/19/2009	13.20	160.60	-147.40
06S07E34N02S	12/10/2009	13.20	161.10	-147.90
06S07E34N02S	12/17/2009	13.20	157.70	-144.50
06S07E34N02S	1/21/2010	13.20	157.00	-143.80
06S07E34N02S	2/18/2010	13.20	156.70	-143.50
06S07E34N02S	2/23/2010	13.20	149.80	-136.60
06S07E34N02S	3/18/2010	13.20	148.20	-135.00
06S07E34N02S	4/15/2010	13.20	143.70	-130.50
06S07E34N02S	5/6/2010	13.20	141.60	-128.40
06S07E34N02S	5/20/2010	13.20	140.30	-127.10
06S07E34N02S	6/9/2010	13.20	138.30	-125.10
06S07E34N02S	7/15/2010	13.20	136.80	-123.60
06S07E34N02S	8/19/2010	13.20	136.40	-123.20
06S07E34N02S	9/15/2010	13.20	133.70	-120.50
06S07E34N02S	10/26/2018	13.20	97.70	-84.50
06S07E34N02S	11/29/2018	13.20	95.00	-81.80
06S07E34N02S	12/27/2018	13.20	92.00	-78.80
06S07E34N02S	1/24/2019	13.20	92.00	-78.80
06S07E34N02S	2/27/2019	13.20	93.80	-80.60
06S07E34N02S	3/29/2019	13.20	91.90	-78.70
06S07E34N02S	4/25/2019	13.20	91.80	-78.60
06S07E34N02S	5/30/2019	13.20	90.20	-77.00
06S07E34N02S	9/24/2019	13.20	91.10	-77.90
06S07E34N02S	12/16/2019	13.20	88.50	-75.30
06S07E34N02S	4/2/2020	13.20	87.80	-74.60
06S07E34N02S	6/30/2020	13.20	87.30	-74.10
06S07E34N02S	9/16/2020	13.20	88.10	-74.90
06S07E34N03S	10/1/2009	13.20	171.20	-158.00
06S07E34N03S	10/15/2009	13.20	170.20	-157.00
06S07E34N03S	10/22/2009	13.20	166.10	-152.90
06S07E34N03S	10/29/2009	13.20	164.10	-150.90
06S07E34N03S	11/5/2009	13.20	162.90	-149.70
06S07E34N03S	11/12/2009	13.20	160.90	-147.70
06S07E34N03S	11/19/2009	13.20	158.50	-145.30
06S07E34N03S	11/24/2009	13.20	158.90	-145.70
06S07E34N03S	12/3/2009	13.20	158.10	-144.90
06S07E34N03S	12/9/2009	13.20	157.20	-144.00
06S07E34N03S	12/17/2009	13.20	156.70	-143.50
06S07E34N03S	12/22/2009	13.20	155.90	-142.70
06S07E34N03S	12/30/2009	13.20	154.40	-141.20
06S07E34N03S	1/7/2010	13.20	152.70	-139.50
06S07E34N03S	1/14/2010	13.20	151.80	-138.60
06S07E34N03S	1/21/2010	13.20	150.90	-137.70
06S07E34N03S	1/28/2010	13.20	151.00	-137.80
06S07E34N03S	2/4/2010	13.20	150.10	-136.90
06S07E34N03S	2/11/2010	13.20	150.20	-137.00
06S07E34N03S	2/18/2010	13.20	150.00	-136.80
06S07E34N03S	2/24/2010	13.20	149.20	-136.00
06S07E34N03S	3/4/2010	13.20	149.10	-135.90
06S07E34N03S	3/11/2010	13.20	148.10	-134.90
06S07E34N03S	3/18/2010	13.20	147.90	-134.70
06S07E34N03S	3/25/2010	13.20	148.00	-134.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E34N03S	4/8/2010	13.20	143.70	-130.50
06S07E34N03S	4/15/2010	13.20	143.00	-129.80
06S07E34N03S	4/22/2010	13.20	142.90	-129.70
06S07E34N03S	4/29/2010	13.20	142.00	-128.80
06S07E34N03S	5/13/2010	13.20	140.70	-127.50
06S07E34N03S	5/20/2010	13.20	139.60	-126.40
06S07E34N03S	5/27/2010	13.20	139.10	-125.90
06S07E34N03S	6/9/2010	13.20	137.90	-124.70
06S07E34N03S	7/15/2010	13.20	136.10	-122.90
06S07E34N03S	8/19/2010	13.20	135.00	-121.80
06S07E34N03S	9/14/2010	13.20	131.20	-118.00
06S07E34N03S	10/26/2018	13.20	96.30	-83.10
06S07E34N03S	11/29/2018	13.20	94.80	-81.60
06S07E34N03S	12/27/2018	13.20	90.90	-77.70
06S07E34N03S	1/24/2019	13.20	91.20	-78.00
06S07E34N03S	2/27/2019	13.20	93.10	-79.90
06S07E34N03S	3/29/2019	13.20	91.10	-77.90
06S07E34N03S	4/25/2019	13.20	91.10	-77.90
06S07E34N03S	5/30/2019	13.20	89.30	-76.10
06S07E34N03S	9/24/2019	13.20	90.30	-77.10
06S07E34N03S	12/16/2019	13.20	87.40	-74.20
06S07E34N03S	4/2/2020	13.20	87.30	-74.10
06S07E34N03S	6/30/2020	13.20	85.90	-72.70
06S07E34N03S	9/16/2020	13.20	87.40	-74.20
06S07E34R01S	10/1/2009	-76.40	86.20	-162.60
06S07E34R01S	10/22/2009	-76.40	81.80	-158.20
06S07E34R01S	11/19/2009	-76.40	77.00	-153.40
06S07E34R01S	12/17/2009	-76.40	73.80	-150.20
06S07E34R01S	1/21/2010	-76.40	68.20	-144.60
06S07E34R01S	2/18/2010	-76.40	66.60	-143.00
06S07E34R01S	2/24/2010	-76.40	65.50	-141.90
06S07E34R01S	3/18/2010	-76.40	64.60	-141.00
06S07E34R01S	4/15/2010	-76.40	60.90	-137.30
06S07E34R01S	5/20/2010	-76.40	58.70	-135.10
06S07E34R01S	6/8/2010	-76.40	57.00	-133.40
06S07E34R01S	7/15/2010	-76.40	55.00	-131.40
06S07E34R01S	8/19/2010	-76.40	53.50	-129.90
06S07E34R01S	9/15/2010	-76.40	52.00	-128.40
06S07E34R01S	10/26/2018	-76.40	14.50	-90.90
06S07E34R01S	11/29/2018	-76.40	14.40	-90.80
06S07E34R01S	12/27/2018	-76.40	11.30	-87.70
06S07E34R01S	1/24/2019	-76.40	10.20	-86.60
06S07E34R01S	2/27/2019	-76.40	10.80	-87.20
06S07E34R01S	3/29/2019	-76.40	9.70	-86.10
06S07E34R01S	4/25/2019	-76.40	9.70	-86.10
06S07E34R01S	5/30/2019	-76.40	9.70	-86.10
06S07E34R01S	9/24/2019	-76.40	10.40	-86.80
06S07E34R01S	12/18/2019	-76.40	8.40	-84.80
06S07E34R01S	4/2/2020	-76.40	6.10	-82.50
06S07E34R01S	7/27/2020	-76.40	7.10	-83.50
06S07E34R01S	9/17/2020	-76.40	8.00	-84.40
06S07E35L02S	5/21/2009	-84.30	86.40	-170.70
06S07E35L02S	10/22/2009	-84.30	73.70	-158.00
06S07E35L02S	12/17/2009	-84.30	64.70	-149.00
06S07E35L02S	1/21/2010	-84.30	60.10	-144.40
06S07E35L02S	2/18/2010	-84.30	58.10	-142.40
06S07E35L02S	2/24/2010	-84.30	57.40	-141.70
06S07E35L02S	3/18/2010	-84.30	56.80	-141.10
06S07E35L02S	5/20/2010	-84.30	51.10	-135.40
06S07E35L02S	6/8/2010	-84.30	49.50	-133.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S07E35L02S	7/15/2010	-84.30	47.80	-132.10
06S07E35L02S	8/19/2010	-84.30	46.60	-130.90
06S07E35L02S	10/26/2018	-84.30	2.60	-86.90
06S07E35L02S	11/29/2018	-84.30	3.30	-87.60
06S07E35L02S	12/27/2018	-84.30	3.00	-87.30
06S07E35L02S	1/24/2019	-84.30	3.10	-87.40
06S07E35L02S	2/27/2019	-84.30	1.80	-86.10
06S07E35L02S	3/29/2019	-84.30	0.00	-84.30
06S07E35L02S	4/25/2019	-84.30	0.00	-84.30
06S07E35L02S	5/30/2019	-84.30	0.00	-84.30
06S07E35L02S	9/24/2019	-84.30	0.80	-85.10
06S07E35L02S	12/18/2019	-84.30	-1.20	-83.10
06S07E35L02S	4/3/2020	-84.30	-1.60	-82.70
06S07E35L02S	9/30/2020	-84.30	-2.10	-82.20
06S08E02D01S	10/9/2009	-19.69	140.70	-160.39
06S08E02D01S	6/16/2010	-19.69	153.80	-173.49
06S08E02F01S	10/9/2009	5.00	153.50	-148.50
06S08E02F01S	3/5/2010	5.00	133.00	-128.00
06S08E02F01S	6/16/2010	5.00	136.30	-131.30
06S08E03C01S	10/8/2009	-69.00	82.30	-151.30
06S08E03C01S	3/5/2010	-69.00	67.10	-136.10
06S08E03C01S	6/16/2010	-69.00	77.90	-146.90
06S08E03D01S	10/8/2009	-82.60	33.30	-115.90
06S08E03D01S	3/11/2010	-82.60	25.10	-107.70
06S08E03D01S	6/16/2010	-82.60	13.60	-96.20
06S08E03D01S	1/17/2019	-82.60	16.50	-99.10
06S08E03D01S	5/14/2019	-82.60	17.10	-99.70
06S08E03D01S	9/19/2019	-82.60	19.20	-101.80
06S08E03D01S	1/9/2020	-82.60	11.00	-93.60
06S08E03D01S	4/28/2020	-82.60	14.40	-97.00
06S08E03D01S	8/10/2020	-82.60	18.40	-101.00
06S08E05P01S	10/8/2009	-75.00	21.50	-96.50
06S08E05P01S	3/11/2010	-75.00	20.80	-95.80
06S08E05R02S	10/8/2009	-82.10	20.60	-102.70
06S08E05R02S	6/16/2010	-82.10	20.80	-102.90
06S08E05R02S	1/18/2019	-82.10	18.10	-100.20
06S08E05R02S	5/15/2019	-82.10	17.70	-99.80
06S08E05R02S	9/19/2019	-82.10	18.60	-100.70
06S08E05R02S	12/19/2019	-82.10	17.60	-99.70
06S08E05R02S	4/28/2020	-82.10	16.80	-98.90
06S08E05R02S	8/11/2020	-82.10	18.40	-100.50
06S08E05R03S	10/8/2009	-80.30	45.60	-125.90
06S08E05R03S	6/16/2010	-80.30	37.30	-117.60
06S08E05R03S	1/18/2019	-80.30	25.90	-106.20
06S08E05R03S	5/15/2019	-80.30	29.40	-109.70
06S08E05R03S	9/19/2019	-80.30	33.60	-113.90
06S08E05R03S	12/19/2019	-80.30	27.30	-107.60
06S08E05R03S	4/28/2020	-80.30	25.90	-106.20
06S08E05R03S	8/11/2020	-80.30	35.50	-115.80
06S08E06G03S	10/8/2009	-62.00	28.10	-90.10
06S08E06G03S	3/4/2010	-62.00	27.80	-89.80
06S08E09Q02S	10/9/2009	-102.00	58.60	-160.60
06S08E09Q02S	3/11/2010	-102.00	48.60	-150.60
06S08E09Q04S	10/9/2009	-102.00	56.20	-158.20
06S08E09Q04S	3/11/2010	-102.00	36.30	-138.30
06S08E09Q04S	8/31/2010	-102.00	55.70	-157.70
06S08E11A01S	5/7/2009	-25.00	125.40	-150.40
06S08E11A01S	10/8/2009	-25.00	118.20	-143.20
06S08E11A01S	9/7/2010	-25.00	118.20	-143.20
06S08E11E01S	10/9/2009	-100.00	25.50	-125.50

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S08E11E01S	3/11/2010	-100.00	19.20	-119.20
06S08E11E01S	6/16/2010	-100.00	22.90	-122.90
06S08E11N01S	2/27/2020	-106.00	9.20	-115.20
06S08E12Q01S	10/8/2009	61.30	188.00	-126.70
06S08E12Q01S	3/5/2010	61.30	194.00	-132.70
06S08E12Q01S	6/16/2010	61.30	186.10	-124.80
06S08E12Q01S	1/18/2019	61.30	175.20	-113.90
06S08E12Q01S	5/15/2019	61.30	185.20	-123.90
06S08E12Q01S	9/22/2019	61.30	183.90	-122.60
06S08E12Q01S	12/31/2019	61.30	170.70	-109.40
06S08E12Q01S	4/20/2020	61.30	170.10	-108.80
06S08E12Q01S	8/21/2020	61.30	170.00	-108.70
06S08E19C02S	11/25/2009	-94.90	66.90	-161.80
06S08E19C02S	1/22/2010	-94.90	50.90	-145.80
06S08E19C02S	6/11/2010	-94.90	70.60	-165.50
06S08E19C02S	1/15/2019	-94.90	33.60	-128.50
06S08E19C02S	5/8/2019	-94.90	37.50	-132.40
06S08E19C02S	9/23/2019	-94.90	43.80	-138.70
06S08E19C02S	12/20/2019	-94.90	33.30	-128.20
06S08E19C02S	4/16/2020	-94.90	30.80	-125.70
06S08E19C02S	6/26/2020	-94.90	47.80	-142.70
06S08E19D02S	11/25/2009	-87.00	66.60	-153.60
06S08E19D02S	3/12/2010	-87.00	55.50	-142.50
06S08E19D03S	6/18/2020	-86.00	49.25	-135.25
06S08E19D04S	10/9/2009	83.60	76.60	7.00
06S08E19D04S	3/12/2010	83.60	67.60	16.00
06S08E19D04S	6/11/2010	83.60	72.60	11.00
06S08E19D05S	10/9/2009	-87.60	77.00	-164.60
06S08E19D05S	3/12/2010	-87.60	56.30	-143.90
06S08E19D05S	6/11/2010	-87.60	57.00	-144.60
06S08E19D05S	1/15/2019	-87.60	34.70	-122.30
06S08E19D05S	5/8/2019	-87.60	38.10	-125.70
06S08E19D05S	9/23/2019	-87.60	42.10	-129.70
06S08E19D05S	12/20/2019	-87.60	35.30	-122.90
06S08E19D05S	4/16/2020	-87.60	45.80	-133.40
06S08E19D05S	8/7/2020	-87.60	62.30	-149.90
06S08E19R01S	5/1/2009	-105.70	52.20	-157.90
06S08E19R01S	10/9/2009	-105.70	56.30	-162.00
06S08E19R01S	1/19/2010	-105.70	42.40	-148.10
06S08E19R01S	3/11/2010	-105.70	39.40	-145.10
06S08E19R01S	12/6/2018	-105.70	30.60	-136.30
06S08E19R01S	5/15/2019	-105.70	28.30	-134.00
06S08E19R01S	9/23/2019	-105.70	34.00	-139.70
06S08E19R01S	1/22/2020	-105.70	20.40	-126.10
06S08E19R01S	1/22/2020	-105.70	20.40	-126.10
06S08E19R01S	5/8/2020	-105.70	22.80	-128.50
06S08E19R01S	5/8/2020	-105.70	22.80	-128.50
06S08E19R01S	7/15/2020	-105.70	22.30	-128.00
06S08E19R01S	7/15/2020	-105.70	22.30	-128.00
06S08E20H01S	10/9/2009	-114.50	51.40	-165.90
06S08E20H01S	3/11/2010	-114.50	28.50	-143.00
06S08E20H01S	6/16/2010	-114.50	41.70	-156.20
06S08E20H01S	9/10/2010	-114.50	47.90	-162.40
06S08E20H01S	1/18/2019	-114.50	17.00	-131.50
06S08E20H01S	5/15/2019	-114.50	21.20	-135.70
06S08E20H01S	9/23/2019	-114.50	28.40	-142.90
06S08E20H01S	12/31/2019	-114.50	16.50	-131.00
06S08E20H01S	4/1/2020	-114.50	13.50	-128.00
06S08E20H01S	6/24/2020	-114.50	24.30	-138.80
06S08E22D02S	10/9/2009	-119.80	47.50	-167.30

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S08E22D02S	3/11/2010	-119.80	28.50	-148.30
06S08E22D02S	6/16/2010	-119.80	40.70	-160.50
06S08E22D02S	9/10/2010	-119.80	45.20	-165.00
06S08E22D02S	12/6/2018	-119.80	19.40	-139.20
06S08E22D02S	5/15/2019	-119.80	16.80	-136.60
06S08E22D02S	9/22/2019	-119.80	24.10	-143.90
06S08E22D02S	12/31/2019	-119.80	13.50	-133.30
06S08E22D02S	12/31/2019	-119.80	13.50	-133.30
06S08E22D02S	4/1/2020	-119.80	10.10	-129.90
06S08E22D02S	4/1/2020	-119.80	10.10	-129.90
06S08E22D02S	6/24/2020	-119.80	18.80	-138.60
06S08E22D02S	6/24/2020	-119.80	18.80	-138.60
06S08E22K01S	5/7/2009	-128.00	38.20	-166.20
06S08E22K01S	10/9/2009	-128.00	45.30	-173.30
06S08E22K01S	1/20/2010	-128.00	30.40	-158.40
06S08E22K01S	3/11/2010	-128.00	25.80	-153.80
06S08E22K01S	6/16/2010	-128.00	38.90	-166.90
06S08E23F23F	3/10/2020	-120.00	12.83	-132.83
06S08E25M01S	5/7/2009	-140.00	9.30	-149.30
06S08E25M01S	10/9/2009	-140.00	15.80	-155.80
06S08E25M01S	1/20/2010	-140.00	10.20	-150.20
06S08E25M01S	3/11/2010	-140.00	10.50	-150.50
06S08E25M01S	5/25/2010	-140.00	11.10	-151.10
06S08E25M01S	9/7/2010	-140.00	12.50	-152.50
06S08E25P01S	5/8/2009	-140.00	43.30	-183.30
06S08E25P01S	1/20/2010	-140.00	31.80	-171.80
06S08E25P01S	3/11/2010	-140.00	26.80	-166.80
06S08E25P01S	6/16/2010	-140.00	36.70	-176.70
06S08E25P04S	10/30/2009	-140.90	47.50	-188.40
06S08E25P04S	3/18/2010	-140.90	31.80	-172.70
06S08E25P04S	6/16/2010	-140.90	39.40	-180.30
06S08E25P04S	1/18/2019	-140.90	11.00	-151.90
06S08E25P04S	5/15/2019	-140.90	11.80	-152.70
06S08E25P04S	9/25/2019	-140.90	21.00	-161.90
06S08E25P04S	12/31/2019	-140.90	12.10	-153.00
06S08E25P04S	4/1/2020	-140.90	2.20	-143.10
06S08E25P04S	8/7/2020	-140.90	9.10	-150.00
06S08E25Q01S	5/8/2009	-125.70	54.10	-179.80
06S08E25Q01S	1/20/2010	-125.70	42.40	-168.10
06S08E25Q01S	5/25/2010	-125.70	51.10	-176.80
06S08E25Q01S	9/7/2010	-125.70	54.70	-180.40
06S08E25Q01S	12/6/2018	-125.70	27.00	-152.70
06S08E25Q01S	5/15/2019	-125.70	25.90	-151.60
06S08E25Q01S	9/25/2019	-125.70	32.20	-157.90
06S08E25Q01S	1/7/2020	-125.70	24.60	-150.30
06S08E25Q01S	1/7/2020	-125.70	24.60	-150.30
06S08E25Q01S	4/2/2020	-125.70	10.60	-136.30
06S08E25Q01S	4/2/2020	-125.70	10.60	-136.30
06S08E25Q01S	8/7/2020	-125.70	27.80	-153.50
06S08E25Q01S	8/7/2020	-125.70	27.80	-153.50
06S08E26A01S	2/26/2020	-127.95	11.44	-139.39
06S08E26A01S	2/26/2020	-130.00	11.44	-141.44
06S08E27C01S	10/9/2009	-135.00	41.40	-176.40
06S08E27C01S	3/12/2010	-135.00	22.80	-157.80
06S08E27C01S	6/16/2010	-135.00	36.10	-171.10
06S08E27C01S	9/10/2010	-135.00	39.90	-174.90
06S08E27N01S	3/11/2010	-145.00	12.90	-157.90
06S08E30L01S	6/19/2020	-102.00	27.44	-129.44
06S08E31J01S	2/12/2020	-124.00	8.02	-132.02
06S08E31L01S	5/21/2009	-116.70	48.10	-164.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S08E31L01S	10/22/2009	-116.70	48.80	-165.50
06S08E31L01S	11/19/2009	-116.70	45.30	-162.00
06S08E31L01S	12/9/2009	-116.70	42.40	-159.10
06S08E31L01S	12/17/2009	-116.70	40.60	-157.30
06S08E31L01S	1/21/2010	-116.70	35.60	-152.30
06S08E31L01S	2/19/2010	-116.70	32.60	-149.30
06S08E31L01S	3/18/2010	-116.70	31.90	-148.60
06S08E31L01S	4/15/2010	-116.70	34.50	-151.20
06S08E31L01S	5/20/2010	-116.70	38.40	-155.10
06S08E31L01S	6/8/2010	-116.70	39.70	-156.40
06S08E31L01S	7/15/2010	-116.70	37.30	-154.00
06S08E31L01S	8/19/2010	-116.70	45.60	-162.30
06S08E31L01S	9/15/2010	-116.70	42.90	-159.60
06S08E31L01S	4/25/2019	-116.70	14.20	-130.90
06S08E31L01S	10/10/2019	-116.70	18.60	-135.30
06S08E31L01S	7/27/2020	-116.70	20.70	-137.40
06S08E31P01S	12/9/2009	-117.40	46.80	-164.20
06S08E31P01S	12/17/2009	-117.40	44.80	-162.20
06S08E31P01S	1/21/2010	-117.40	39.00	-156.40
06S08E31P01S	2/24/2010	-117.40	35.30	-152.70
06S08E31P01S	3/18/2010	-117.40	34.70	-152.10
06S08E31P01S	4/15/2010	-117.40	37.80	-155.20
06S08E31P01S	6/8/2010	-117.40	43.60	-161.00
06S08E31P01S	7/15/2010	-117.40	47.50	-164.90
06S08E31P01S	9/15/2010	-117.40	47.60	-165.00
06S08E31P01S	10/26/2018	-117.40	22.20	-139.60
06S08E31P01S	11/29/2018	-117.40	20.20	-137.60
06S08E31P01S	12/27/2018	-117.40	15.90	-133.30
06S08E31P01S	1/24/2019	-117.40	15.30	-132.70
06S08E31P01S	2/27/2019	-117.40	10.40	-127.80
06S08E31P01S	3/29/2019	-117.40	12.10	-129.50
06S08E31P01S	4/25/2019	-117.40	16.40	-133.80
06S08E31P01S	5/31/2019	-117.40	16.90	-134.30
06S08E31P01S	9/25/2019	-117.40	23.00	-140.40
06S08E31P01S	12/18/2019	-117.40	15.00	-132.40
06S08E31P01S	12/18/2019	-117.40	15.00	-132.40
06S08E31P01S	4/3/2020	-117.40	10.50	-127.90
06S08E31P01S	4/3/2020	-117.40	10.50	-127.90
06S08E31P01S	7/7/2020	-117.40	21.80	-139.20
06S08E31P01S	7/7/2020	-117.40	21.80	-139.20
06S08E31R01S	6/19/2019	-125.20	11.60	-136.80
06S08E31R01S	9/25/2019	-125.20	10.80	-136.00
06S08E31R01S	10/23/2019	-125.20	10.50	-135.70
06S08E31R01S	4/22/2020	-125.20	10.00	-135.20
06S08E31R01S	7/7/2020	-125.20	10.40	-135.60
06S08E31R01S	9/16/2020	-125.20	10.90	-136.10
06S08E32R01S	10/9/2009	-140.00	31.30	-171.30
06S08E33D01S	2/24/2020	-133.53	-0.49	-133.04
06S08E33D01S	2/24/2020	-134.00	-0.49	-133.51
06S08E35A01S	1/30/2019	-147.90	6.60	-154.50
06S08E35A01S	5/16/2019	-147.90	7.90	-155.80
06S08E35A01S	9/25/2019	-147.90	15.50	-163.40
06S08E35A01S	12/3/2019	-147.90	7.80	-155.70
06S08E35A01S	8/7/2020	-147.90	5.50	-153.40
06S08E35J01S	10/9/2009	-155.00	31.50	-186.50
06S08E35J01S	3/12/2010	-155.00	27.20	-182.20
06S08E35J01S	6/16/2010	-155.00	25.10	-180.10
06S08E36M01S	3/12/2010	-152.90	19.20	-172.10
06S08E36M01S	6/16/2010	-152.90	29.40	-182.30
06S08E36M01S	1/30/2019	-152.90	3.50	-156.40

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
06S08E36M01S	5/24/2019	-152.90	6.00	-158.90
06S08E36M01S	9/25/2019	-152.90	12.60	-165.50
06S08E36M01S	1/7/2020	-152.90	4.40	-157.30
06S08E36M01S	9/30/2020	-152.90	-1.20	-151.70
06S09E19L01S	5/8/2009	-35.00	111.30	-146.30
06S09E19L01S	1/20/2010	-35.00	109.50	-144.50
06S09E30A01S	10/15/2009	-51.00	63.80	-114.80
06S09E30A01S	3/12/2010	-51.00	63.90	-114.90
06S09E30A01S	6/17/2010	-51.00	64.70	-115.70
06S09E32A01S	12/11/2009	0.00	168.10	-168.10
06S09E32A01S	3/12/2010	0.00	166.40	-166.40
06S09E32A01S	6/17/2010	0.00	167.70	-167.70
06S09E32Q01S	10/15/2009	-102.80	49.80	-152.60
06S09E32Q01S	3/12/2010	-102.80	46.80	-149.60
06S09E32Q01S	6/17/2010	-102.80	49.70	-152.50
06S09E32Q01S	1/22/2019	-102.80	31.70	-134.50
06S09E32Q01S	5/16/2019	-102.80	29.50	-132.30
06S09E32Q01S	9/24/2019	-102.80	35.10	-137.90
06S09E32Q01S	1/7/2020	-102.80	31.00	-133.80
06S09E32Q01S	4/2/2020	-102.80	21.80	-124.60
06S09E32Q01S	8/10/2020	-102.80	36.30	-139.10
06S09E33K01S	10/1/2009	29.40	185.20	-155.80
06S09E33K01S	1/29/2010	29.40	171.40	-142.00
06S09E33K01S	5/27/2010	29.40	175.60	-146.20
06S09E33K01S	9/9/2010	29.40	179.70	-150.30
06S09E33K01S	12/6/2018	29.40	171.60	-142.20
06S09E33K01S	5/17/2019	29.40	163.90	-134.50
06S09E33K01S	9/24/2019	29.40	162.50	-133.10
06S09E33K01S	1/7/2020	29.40	161.40	-132.00
06S09E33K01S	1/7/2020	29.40	161.40	-132.00
06S09E33K01S	5/27/2020	29.40	162.80	-133.40
06S09E33K01S	5/27/2020	29.40	162.80	-133.40
06S09E33K01S	8/25/2020	29.40	162.50	-133.10
06S09E33K01S	8/25/2020	29.40	162.50	-133.10
07S07E01C01S	5/21/2009	-111.60	17.10	-128.70
07S07E01C01S	10/22/2009	-111.60	19.60	-131.20
07S07E01C01S	11/19/2009	-111.60	18.50	-130.10
07S07E01C01S	12/9/2009	-111.60	18.40	-130.00
07S07E01C01S	12/17/2009	-111.60	18.40	-130.00
07S07E01C01S	1/21/2010	-111.60	18.10	-129.70
07S07E01C01S	2/18/2010	-111.60	17.80	-129.40
07S07E01C01S	2/24/2010	-111.60	17.80	-129.40
07S07E01C01S	3/18/2010	-111.60	17.70	-129.30
07S07E01C01S	4/15/2010	-111.60	17.80	-129.40
07S07E01C01S	5/20/2010	-111.60	17.90	-129.50
07S07E01C01S	6/8/2010	-111.60	18.30	-129.90
07S07E01C01S	7/15/2010	-111.60	18.60	-130.20
07S07E01C01S	8/19/2010	-111.60	19.10	-130.70
07S07E01C01S	9/15/2010	-111.60	19.40	-131.00
07S07E01C01S	10/26/2018	-111.60	10.40	-122.00
07S07E01C01S	11/29/2018	-111.60	10.00	-121.60
07S07E01C01S	12/27/2018	-111.60	10.00	-121.60
07S07E01C01S	1/24/2019	-111.60	9.90	-121.50
07S07E01C01S	2/27/2019	-111.60	9.50	-121.10
07S07E01C01S	3/29/2019	-111.60	9.20	-120.80
07S07E01C01S	4/25/2019	-111.60	9.40	-121.00
07S07E01C01S	5/31/2019	-111.60	9.60	-121.20
07S07E01C01S	9/24/2019	-111.60	10.50	-122.10
07S07E01C01S	12/18/2019	-111.60	9.70	-121.30
07S07E01C01S	4/3/2020	-111.60	8.90	-120.50

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S07E01C01S	7/27/2020	-111.60	10.30	-121.90
07S07E01M01S	5/21/2009	-110.10	59.40	-169.50
07S07E01M01S	10/22/2009	-110.10	56.40	-166.50
07S07E01M01S	11/19/2009	-110.10	54.50	-164.60
07S07E01M01S	12/17/2009	-110.10	52.90	-163.00
07S07E01M01S	2/19/2010	-110.10	50.30	-160.40
07S07E01M01S	2/24/2010	-110.10	40.90	-151.00
07S07E01M01S	3/18/2010	-110.10	40.40	-150.50
07S07E01M01S	4/15/2010	-110.10	40.30	-150.40
07S07E01M01S	5/20/2010	-110.10	40.50	-150.60
07S07E01M01S	6/8/2010	-110.10	40.00	-150.10
07S07E01M01S	7/15/2010	-110.10	39.50	-149.60
07S07E01M01S	8/19/2010	-110.10	41.40	-151.50
07S07E01M01S	9/15/2010	-110.10	37.40	-147.50
07S07E01M01S	10/26/2018	-110.10	5.50	-115.60
07S07E01M01S	11/29/2018	-110.10	3.80	-113.90
07S07E01M01S	12/27/2018	-110.10	3.60	-113.70
07S07E01M01S	1/24/2019	-110.10	3.50	-113.60
07S07E01M01S	2/27/2019	-110.10	0.50	-110.60
07S07E01M01S	3/29/2019	-110.10	0.00	-110.10
07S07E01M01S	4/25/2019	-110.10	1.20	-111.30
07S07E01M01S	5/31/2019	-110.10	1.00	-111.10
07S07E01M01S	9/25/2019	-110.10	3.70	-113.80
07S07E01M01S	12/18/2019	-110.10	0.30	-110.40
07S07E01M01S	4/3/2020	-110.10	-4.60	-105.50
07S07E01M01S	7/27/2020	-110.10	2.70	-112.80
07S07E02E01S	2/26/2020	-76.00	5.93	-81.93
07S07E02G02S	12/9/2009	-98.90	58.20	-157.10
07S07E02G02S	12/17/2009	-98.90	57.20	-156.10
07S07E02G02S	1/21/2010	-98.90	54.60	-153.50
07S07E02G02S	2/18/2010	-98.90	50.20	-149.10
07S07E02G02S	3/18/2010	-98.90	48.50	-147.40
07S07E02G02S	4/15/2010	-98.90	46.30	-145.20
07S07E02G02S	6/8/2010	-98.90	41.70	-140.60
07S07E02G02S	7/15/2010	-98.90	39.80	-138.70
07S07E02G02S	8/19/2010	-98.90	37.90	-136.80
07S07E02G02S	11/29/2018	-98.90	-2.30	-96.60
07S07E02G02S	12/27/2018	-98.90	-2.30	-96.60
07S07E02G02S	1/24/2019	-98.90	-0.40	-98.50
07S07E02G02S	2/27/2019	-98.90	-2.30	-96.60
07S07E02G02S	5/30/2019	-98.90	-1.30	-97.60
07S07E02G02S	10/1/2019	-98.90	-2.30	-96.60
07S07E02G02S	12/18/2019	-98.90	-6.90	-92.00
07S07E02G02S	4/3/2020	-98.90	-10.10	-88.80
07S07E02G02S	7/29/2020	-98.90	-9.20	-89.70
07S07E03A01S	5/21/2009	-72.00	100.80	-172.80
07S07E03A01S	10/22/2009	-72.00	89.30	-161.30
07S07E03A01S	11/19/2009	-72.00	84.40	-156.40
07S07E03A01S	12/9/2009	-72.00	81.50	-153.50
07S07E03A01S	12/17/2009	-72.00	81.00	-153.00
07S07E03A01S	1/21/2010	-72.00	75.60	-147.60
07S07E03A01S	2/18/2010	-72.00	73.40	-145.40
07S07E03A01S	2/24/2010	-72.00	73.20	-145.20
07S07E03A01S	3/18/2010	-72.00	71.50	-143.50
07S07E03A01S	4/15/2010	-72.00	68.50	-140.50
07S07E03A01S	5/20/2010	-72.00	66.00	-138.00
07S07E03A01S	6/8/2010	-72.00	64.10	-136.10
07S07E03A01S	7/15/2010	-72.00	61.90	-133.90
07S07E03A01S	8/19/2010	-72.00	60.30	-132.30
07S07E03A01S	9/15/2010	-72.00	59.10	-131.10

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S07E03A01S	10/26/2018	-72.00	18.00	-90.00
07S07E03A01S	11/29/2018	-72.00	17.20	-89.20
07S07E03A01S	12/27/2018	-72.00	15.00	-87.00
07S07E03A01S	1/24/2019	-72.00	14.00	-86.00
07S07E03A01S	2/27/2019	-72.00	14.50	-86.50
07S07E03A01S	3/29/2019	-72.00	13.50	-85.50
07S07E03A01S	4/25/2019	-72.00	13.50	-85.50
07S07E03A01S	5/30/2019	-72.00	13.30	-85.30
07S07E03A01S	9/24/2019	-72.00	14.00	-86.00
07S07E03A01S	12/16/2019	-72.00	12.50	-84.50
07S07E03A01S	4/2/2020	-72.00	9.80	-81.80
07S07E03A01S	7/27/2020	-72.00	11.20	-83.20
07S07E03C01S	5/21/2009	-39.20	134.00	-173.20
07S07E03C01S	10/22/2009	-39.20	119.70	-158.90
07S07E03C01S	11/20/2009	-39.20	114.70	-153.90
07S07E03C01S	12/17/2009	-39.20	111.30	-150.50
07S07E03C01S	1/21/2010	-39.20	106.10	-145.30
07S07E03C01S	2/18/2010	-39.20	104.30	-143.50
07S07E03C01S	2/24/2010	-39.20	103.80	-143.00
07S07E03C01S	4/1/2010	-39.20	101.30	-140.50
07S07E03C01S	4/15/2010	-39.20	98.60	-137.80
07S07E03C01S	5/20/2010	-39.20	95.80	-135.00
07S07E03C01S	6/8/2010	-39.20	93.70	-132.90
07S07E03C01S	7/15/2010	-39.20	92.30	-131.50
07S07E03C01S	8/19/2010	-39.20	90.50	-129.70
07S07E03C01S	9/14/2010	-39.20	88.70	-127.90
07S07E03C01S	10/26/2018	-39.20	46.60	-85.80
07S07E03C01S	11/29/2018	-39.20	45.70	-84.90
07S07E03C01S	12/27/2018	-39.20	42.90	-82.10
07S07E03C01S	1/24/2019	-39.20	42.20	-81.40
07S07E03C01S	2/27/2019	-39.20	43.10	-82.30
07S07E03C01S	3/29/2019	-39.20	42.80	-82.00
07S07E03C01S	4/25/2019	-39.20	41.70	-80.90
07S07E03C01S	5/30/2019	-39.20	41.30	-80.50
07S07E03C01S	9/24/2019	-39.20	42.00	-81.20
07S07E03C01S	12/16/2019	-39.20	40.20	-79.40
07S07E03C01S	4/2/2020	-39.20	38.20	-77.40
07S07E03C01S	7/27/2020	-39.20	38.70	-77.90
07S07E03C02S	5/21/2009	-39.20	133.70	-172.90
07S07E03C02S	10/22/2009	-39.20	120.40	-159.60
07S07E03C02S	11/20/2009	-39.20	115.20	-154.40
07S07E03C02S	12/17/2009	-39.20	111.50	-150.70
07S07E03C02S	1/21/2010	-39.20	106.40	-145.60
07S07E03C02S	2/18/2010	-39.20	104.20	-143.40
07S07E03C02S	2/24/2010	-39.20	103.90	-143.10
07S07E03C02S	4/1/2010	-39.20	101.10	-140.30
07S07E03C02S	4/15/2010	-39.20	98.20	-137.40
07S07E03C02S	5/20/2010	-39.20	95.60	-134.80
07S07E03C02S	6/8/2010	-39.20	93.90	-133.10
07S07E03C02S	7/15/2010	-39.20	91.90	-131.10
07S07E03C02S	8/19/2010	-39.20	90.20	-129.40
07S07E03C02S	9/14/2010	-39.20	88.90	-128.10
07S07E03C02S	10/26/2018	-39.20	45.90	-85.10
07S07E03C02S	11/29/2018	-39.20	45.10	-84.30
07S07E03C02S	12/27/2018	-39.20	42.20	-81.40
07S07E03C02S	1/24/2019	-39.20	41.60	-80.80
07S07E03C02S	2/27/2019	-39.20	42.50	-81.70
07S07E03C02S	3/29/2019	-39.20	42.20	-81.40
07S07E03C02S	4/25/2019	-39.20	41.20	-80.40
07S07E03C02S	5/30/2019	-39.20	40.70	-79.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S07E03C02S	9/24/2019	-39.20	41.00	-80.20
07S07E03C02S	12/16/2019	-39.20	39.60	-78.80
07S07E03C02S	4/2/2020	-39.20	37.30	-76.50
07S07E03C02S	7/27/2020	-39.20	37.60	-76.80
07S07E03D01S	5/21/2009	10.10	183.10	-173.00
07S07E03D01S	10/22/2009	10.10	164.40	-154.30
07S07E03D01S	11/19/2009	10.10	160.50	-150.40
07S07E03D01S	12/8/2009	10.10	158.00	-147.90
07S07E03D01S	12/17/2009	10.10	157.60	-147.50
07S07E03D01S	1/21/2010	10.10	151.70	-141.60
07S07E03D01S	2/18/2010	10.10	150.60	-140.50
07S07E03D01S	3/18/2010	10.10	148.60	-138.50
07S07E03D01S	4/15/2010	10.10	144.00	-133.90
07S07E03D01S	5/20/2010	10.10	140.60	-130.50
07S07E03D01S	6/8/2010	10.10	138.90	-128.80
07S07E03D01S	7/15/2010	10.10	136.60	-126.50
07S07E03D01S	8/19/2010	10.10	135.60	-125.50
07S07E03D01S	9/14/2010	10.10	133.80	-123.70
07S07E03D01S	10/26/2018	10.10	92.30	-82.20
07S07E03D01S	11/29/2018	10.10	90.50	-80.40
07S07E03D01S	12/27/2018	10.10	87.30	-77.20
07S07E03D01S	1/24/2019	10.10	87.20	-77.10
07S07E03D01S	2/27/2019	10.10	89.00	-78.90
07S07E03D01S	3/29/2019	10.10	86.40	-76.30
07S07E03D01S	4/25/2019	10.10	87.00	-76.90
07S07E03D01S	5/30/2019	10.10	85.50	-75.40
07S07E03D01S	9/24/2019	10.10	86.60	-76.50
07S07E03D01S	12/16/2019	10.10	83.90	-73.80
07S07E03D01S	4/2/2020	10.10	83.40	-73.30
07S07E03D01S	6/30/2020	10.10	82.40	-72.30
07S07E03D02S	5/21/2009	9.70	183.20	-173.50
07S07E03D02S	10/22/2009	9.70	164.80	-155.10
07S07E03D02S	11/19/2009	9.70	161.30	-151.60
07S07E03D02S	12/8/2009	9.70	158.70	-149.00
07S07E03D02S	12/17/2009	9.70	158.10	-148.40
07S07E03D02S	1/21/2010	9.70	152.50	-142.80
07S07E03D02S	2/18/2010	9.70	151.60	-141.90
07S07E03D02S	3/18/2010	9.70	149.40	-139.70
07S07E03D02S	4/15/2010	9.70	144.30	-134.60
07S07E03D02S	5/20/2010	9.70	141.30	-131.60
07S07E03D02S	6/8/2010	9.70	139.60	-129.90
07S07E03D02S	7/15/2010	9.70	137.40	-127.70
07S07E03D02S	8/19/2010	9.70	136.30	-126.60
07S07E03D02S	9/14/2010	9.70	134.70	-125.00
07S07E03D02S	10/26/2018	9.70	93.10	-83.40
07S07E03D02S	11/29/2018	9.70	91.40	-81.70
07S07E03D02S	12/27/2018	9.70	87.70	-78.00
07S07E03D02S	1/24/2019	9.70	88.10	-78.40
07S07E03D02S	2/27/2019	9.70	89.90	-80.20
07S07E03D02S	3/29/2019	9.70	88.00	-78.30
07S07E03D02S	4/25/2019	9.70	88.00	-78.30
07S07E03D02S	5/30/2019	9.70	86.30	-76.60
07S07E03D02S	9/24/2019	9.70	87.10	-77.40
07S07E03D02S	12/16/2019	9.70	84.40	-74.70
07S07E03D02S	4/2/2020	9.70	84.10	-74.40
07S07E03D02S	6/30/2020	9.70	82.90	-73.20
07S07E03D03S	5/21/2009	44.90	217.40	-172.50
07S07E03D03S	10/22/2009	44.90	203.70	-158.80
07S07E03D03S	11/19/2009	44.90	200.70	-155.80
07S07E03D03S	12/8/2009	44.90	196.10	-151.20

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S07E03D03S	12/17/2009	44.90	195.10	-150.20
07S07E03D03S	1/21/2010	44.90	189.30	-144.40
07S07E03D03S	2/18/2010	44.90	187.50	-142.60
07S07E03D03S	2/23/2010	44.90	187.00	-142.10
07S07E03D03S	3/18/2010	44.90	185.30	-140.40
07S07E03D03S	4/15/2010	44.90	182.00	-137.10
07S07E03D03S	5/20/2010	44.90	178.30	-133.40
07S07E03D03S	6/8/2010	44.90	176.30	-131.40
07S07E03D03S	7/15/2010	44.90	173.80	-128.90
07S07E03D03S	8/19/2010	44.90	172.10	-127.20
07S07E03D03S	9/14/2010	44.90	170.70	-125.80
07S07E03D03S	10/26/2018	44.90	128.20	-83.30
07S07E03D03S	11/29/2018	44.90	127.00	-82.10
07S07E03D03S	12/27/2018	44.90	124.10	-79.20
07S07E03D03S	1/24/2019	44.90	123.80	-78.90
07S07E03D03S	2/27/2019	44.90	125.30	-80.40
07S07E03D03S	3/29/2019	44.90	123.50	-78.60
07S07E03D03S	4/25/2019	44.90	123.00	-78.10
07S07E03D03S	5/30/2019	44.90	122.10	-77.20
07S07E03D03S	9/24/2019	44.90	122.50	-77.60
07S07E03D03S	12/16/2019	44.90	121.00	-76.10
07S07E03D03S	4/2/2020	44.90	119.10	-74.20
07S07E03D03S	6/30/2020	44.90	118.60	-73.70
07S07E03D04S	5/1/2009	32.20	203.90	-171.70
07S07E03D04S	5/7/2009	32.20	204.30	-172.10
07S07E03D04S	5/14/2009	32.20	204.90	-172.70
07S07E03D04S	5/21/2009	32.20	205.10	-172.90
07S07E03D04S	5/28/2009	32.20	205.20	-173.00
07S07E03D04S	10/1/2009	32.20	192.90	-160.70
07S07E03D04S	10/22/2009	32.20	184.50	-152.30
07S07E03D04S	11/19/2009	32.20	181.20	-149.00
07S07E03D04S	12/8/2009	32.20	179.60	-147.40
07S07E03D04S	12/17/2009	32.20	178.80	-146.60
07S07E03D04S	1/21/2010	32.20	172.30	-140.10
07S07E03D04S	2/18/2010	32.20	171.60	-139.40
07S07E03D04S	3/18/2010	32.20	169.50	-137.30
07S07E03D04S	4/15/2010	32.20	164.90	-132.70
07S07E03D04S	5/20/2010	32.20	161.00	-128.80
07S07E03D04S	6/8/2010	32.20	159.40	-127.20
07S07E03D04S	7/15/2010	32.20	156.80	-124.60
07S07E03D04S	8/19/2010	32.20	156.00	-123.80
07S07E03D04S	9/14/2010	32.20	154.30	-122.10
07S07E03D04S	10/26/2018	32.20	113.20	-81.00
07S07E03D04S	11/29/2018	32.20	111.60	-79.40
07S07E03D04S	12/27/2018	32.20	108.30	-76.10
07S07E03D04S	1/24/2019	32.20	108.00	-75.80
07S07E03D04S	2/27/2019	32.20	107.60	-75.40
07S07E03D04S	3/29/2019	32.20	104.10	-71.90
07S07E03D04S	4/25/2019	32.20	107.70	-75.50
07S07E03D04S	5/30/2019	32.20	105.40	-73.20
07S07E03D04S	9/24/2019	32.20	107.30	-75.10
07S07E03D04S	12/16/2019	32.20	103.90	-71.70
07S07E03D04S	4/2/2020	32.20	104.10	-71.90
07S07E03D04S	6/30/2020	32.20	102.00	-69.80
07S07E03G02S	5/21/2009	-46.20	132.30	-178.50
07S07E03G02S	10/22/2009	-46.20	125.60	-171.80
07S07E03G02S	11/19/2009	-46.20	127.90	-174.10
07S07E03G02S	12/9/2009	-46.20	124.60	-170.80
07S07E03G02S	12/17/2009	-46.20	121.40	-167.60
07S07E03G02S	1/20/2010	-46.20	122.70	-168.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S07E03G02S	2/18/2010	-46.20	119.70	-165.90
07S07E03G02S	3/18/2010	-46.20	97.70	-143.90
07S07E03G02S	4/15/2010	-46.20	104.00	-150.20
07S07E03G02S	6/8/2010	-46.20	90.20	-136.40
07S07E03G02S	7/15/2010	-46.20	87.60	-133.80
07S07E03G02S	8/19/2010	-46.20	86.20	-132.40
07S07E03G02S	9/15/2010	-46.20	84.90	-131.10
07S07E03G02S	10/26/2018	-46.20	43.90	-90.10
07S07E03G02S	11/29/2018	-46.20	43.20	-89.40
07S07E03G02S	12/27/2018	-46.20	41.50	-87.70
07S07E03G02S	1/24/2019	-46.20	42.30	-88.50
07S07E03G02S	2/27/2019	-46.20	46.20	-92.40
07S07E03G02S	3/29/2019	-46.20	45.80	-92.00
07S07E03G02S	4/25/2019	-46.20	39.40	-85.60
07S07E03G02S	5/30/2019	-46.20	39.30	-85.50
07S07E03G02S	9/25/2019	-46.20	39.70	-85.90
07S07E03G02S	12/16/2019	-46.20	25.60	-71.80
07S07E03G02S	4/2/2020	-46.20	35.60	-81.80
07S07E03G02S	7/27/2020	-46.20	35.80	-82.00
07S07E04A01S	5/21/2009	52.40	224.80	-172.40
07S07E04A01S	10/22/2009	52.40	205.20	-152.80
07S07E04A01S	11/19/2009	52.40	201.80	-149.40
07S07E04A01S	12/8/2009	52.40	199.10	-146.70
07S07E04A01S	12/17/2009	52.40	198.30	-145.90
07S07E04A01S	2/18/2010	52.40	190.90	-138.50
07S07E04A01S	2/23/2010	52.40	190.40	-138.00
07S07E04A01S	3/18/2010	52.40	188.80	-136.40
07S07E04A01S	4/15/2010	52.40	184.60	-132.20
07S07E04A01S	5/20/2010	52.40	180.30	-127.90
07S07E04A01S	6/8/2010	52.40	178.40	-126.00
07S07E04A01S	7/15/2010	52.40	175.60	-123.20
07S07E04A01S	8/19/2010	52.40	174.90	-122.50
07S07E04A01S	9/14/2010	52.40	173.10	-120.70
07S07E04A01S	10/26/2018	52.40	133.80	-81.40
07S07E04A01S	11/29/2018	52.40	131.30	-78.90
07S07E04A01S	12/27/2018	52.40	128.60	-76.20
07S07E04A01S	1/24/2019	52.40	128.50	-76.10
07S07E04A01S	2/27/2019	52.40	130.70	-78.30
07S07E04A01S	3/29/2019	52.40	129.20	-76.80
07S07E04A01S	4/25/2019	52.40	128.00	-75.60
07S07E04A01S	5/30/2019	52.40	125.80	-73.40
07S07E04A01S	9/24/2019	52.40	127.90	-75.50
07S07E04A01S	12/16/2019	52.40	124.50	-72.10
07S07E04A01S	4/2/2020	52.40	124.60	-72.20
07S07E04A01S	6/30/2020	52.40	122.50	-70.10
07S07E04A02S	5/21/2009	52.30	224.40	-172.10
07S07E04A02S	10/22/2009	52.30	205.10	-152.80
07S07E04A02S	11/19/2009	52.30	201.70	-149.40
07S07E04A02S	12/8/2009	52.30	198.90	-146.60
07S07E04A02S	12/17/2009	52.30	198.20	-145.90
07S07E04A02S	2/18/2010	52.30	190.80	-138.50
07S07E04A02S	2/23/2010	52.30	190.30	-138.00
07S07E04A02S	3/18/2010	52.30	188.60	-136.30
07S07E04A02S	4/15/2010	52.30	184.30	-132.00
07S07E04A02S	5/20/2010	52.30	180.20	-127.90
07S07E04A02S	6/8/2010	52.30	178.30	-126.00
07S07E04A02S	7/15/2010	52.30	175.50	-123.20
07S07E04A02S	8/19/2010	52.30	174.90	-122.60
07S07E04A02S	9/14/2010	52.30	172.90	-120.60
07S07E04A02S	10/26/2018	52.30	133.50	-81.20

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S07E04A02S	11/29/2018	52.30	131.00	-78.70
07S07E04A02S	12/27/2018	52.30	128.30	-76.00
07S07E04A02S	1/24/2019	52.30	128.20	-75.90
07S07E04A02S	2/27/2019	52.30	130.50	-78.20
07S07E04A02S	3/29/2019	52.30	128.70	-76.40
07S07E04A02S	4/25/2019	52.30	127.80	-75.50
07S07E04A02S	5/30/2019	52.30	125.40	-73.10
07S07E04A02S	9/24/2019	52.30	127.50	-75.20
07S07E04A02S	12/16/2019	52.30	124.20	-71.90
07S07E04A02S	4/2/2020	52.30	126.50	-74.20
07S07E04A02S	6/30/2020	52.30	122.20	-69.90
07S08E01B01S	3/11/2020	-166.00	-4.10	-161.90
07S08E02B01S	10/9/2009	-161.00	27.60	-188.60
07S08E02B01S	6/18/2010	-161.00	27.30	-188.30
07S08E02B01S	9/10/2010	-161.00	23.60	-184.60
07S08E02L03S	6/4/2010	-164.10	15.80	-179.90
07S08E02L03S	12/11/2018	-164.10	1.10	-165.20
07S08E02L03S	9/25/2019	-164.10	4.10	-168.20
07S08E02L03S	1/9/2020	-164.10	-2.00	-162.10
07S08E02L03S	1/9/2020	-164.10	-2.08	-162.02
07S08E02L03S	4/2/2020	-164.10	-6.90	-157.20
07S08E02L03S	4/2/2020	-164.10	-6.90	-157.20
07S08E02L03S	8/25/2020	-164.10	-1.10	-163.00
07S08E02L03S	8/25/2020	-164.10	-1.10	-163.00
07S08E03A01S	12/11/2009	-159.00	22.80	-181.80
07S08E03A01S	6/18/2010	-159.00	29.70	-188.70
07S08E06P01S	6/19/2019	-130.00	15.20	-145.20
07S08E06P01S	9/25/2019	-130.00	15.10	-145.10
07S08E06P01S	10/23/2019	-130.00	14.20	-144.20
07S08E06P01S	4/22/2020	-130.00	11.60	-141.60
07S08E06P01S	7/29/2020	-130.00	12.00	-142.00
07S08E06P01S	9/16/2020	-130.00	14.50	-144.50
07S08E07R03S	5/1/2009	-89.30	97.20	-186.50
07S08E07R03S	1/19/2010	-89.30	95.80	-185.10
07S08E07R03S	4/1/2010	-89.30	90.70	-180.00
07S08E07R03S	5/25/2010	-89.30	89.80	-179.10
07S08E07R03S	9/7/2010	-89.30	98.80	-188.10
07S08E07R03S	1/30/2019	-89.30	58.60	-147.90
07S08E07R03S	5/24/2019	-89.30	59.50	-148.80
07S08E07R03S	9/25/2019	-89.30	62.10	-151.40
07S08E07R03S	1/7/2020	-89.30	54.50	-143.80
07S08E07R03S	4/2/2020	-89.30	55.60	-144.90
07S08E07R03S	8/21/2020	-89.30	56.80	-146.10
07S08E09M04S	11/19/2019	132.00	14.73	117.27
07S08E09M04S	3/3/2020	132.00	13.60	118.40
07S08E09M04S	5/28/2020	132.00	14.05	117.95
07S08E09M04S	8/25/2020	132.00	15.21	116.79
07S08E09N01S	10/20/2009	-135.30	56.60	-191.90
07S08E09N01S	3/11/2010	-135.30	50.20	-185.50
07S08E09N01S	6/17/2010	-135.30	47.90	-183.20
07S08E09N01S	1/29/2019	-135.30	17.90	-153.20
07S08E09N01S	5/24/2019	-135.30	18.70	-154.00
07S08E09N01S	9/25/2019	-135.30	18.80	-154.10
07S08E09N01S	1/7/2020	-135.30	17.90	-153.20
07S08E09N01S	4/2/2020	-135.30	14.80	-150.10
07S08E09N01S	8/7/2020	-135.30	16.40	-151.70
07S08E10H01S	12/18/2009	-170.30	16.20	-186.50
07S08E10H01S	4/1/2010	-170.30	6.20	-176.50
07S08E10H01S	6/24/2010	-170.30	13.20	-183.50
07S08E10P01S	12/18/2009	-168.60	20.50	-189.10

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S08E10P01S	4/1/2010	-168.60	11.40	-180.00
07S08E10P01S	6/24/2010	-168.60	16.10	-184.70
07S08E10P01S	10/26/2018	-168.60	-2.70	-165.90
07S08E10P01S	11/29/2018	-168.60	-6.40	-162.20
07S08E10P01S	12/27/2018	-168.60	-2.30	-166.30
07S08E10P01S	1/24/2019	-168.60	-1.30	-167.30
07S08E10P01S	2/27/2019	-168.60	-5.00	-163.60
07S08E10P01S	3/29/2019	-168.60	-8.30	-160.30
07S08E10P01S	4/25/2019	-168.60	-3.00	-165.60
07S08E10P01S	5/31/2019	-168.60	-6.90	-161.70
07S08E10P01S	9/25/2019	-168.60	-2.30	-166.30
07S08E10P01S	12/18/2019	-168.60	-9.20	-159.40
07S08E10P01S	4/3/2020	-168.60	-12.00	-156.60
07S08E10P01S	7/7/2020	-168.60	-18.40	-150.20
07S08E14C02S	12/18/2009	-182.80	13.20	-196.00
07S08E14C02S	4/2/2010	-182.80	2.40	-185.20
07S08E14C02S	6/24/2010	-182.80	9.50	-192.30
07S08E14N01S	12/7/2018	-175.00	9.20	-184.20
07S08E14N01S	5/24/2019	-175.00	5.30	-180.30
07S08E14N01S	10/1/2019	-175.00	8.10	-183.10
07S08E14N01S	10/1/2019	-175.00	8.10	-183.10
07S08E14N01S	1/7/2020	-175.00	8.20	-183.20
07S08E14N01S	1/7/2020	-175.00	8.20	-183.20
07S08E14N01S	5/7/2020	-175.00	0.50	-175.50
07S08E14N01S	5/7/2020	-175.00	0.50	-175.50
07S08E14N01S	8/25/2020	-175.00	5.60	-180.60
07S08E14N01S	8/25/2020	-175.00	5.60	-180.60
07S08E16G03S	12/18/2009	-140.00	51.00	-191.00
07S08E16G03S	4/1/2010	-140.00	48.30	-188.30
07S08E16G03S	6/24/2010	-140.00	48.40	-188.40
07S08E17A04S	10/20/2009	-119.00	75.20	-194.20
07S08E17A04S	3/11/2010	-119.00	68.80	-187.80
07S08E17A04S	6/17/2010	-119.00	67.40	-186.40
07S08E17A04S	1/29/2019	-119.00	37.00	-156.00
07S08E17A04S	5/23/2019	-119.00	37.90	-156.90
07S08E17A04S	9/25/2019	-119.00	37.70	-156.70
07S08E17A04S	1/7/2020	-119.00	35.90	-154.90
07S08E17A04S	4/2/2020	-119.00	34.00	-153.00
07S08E17A04S	8/7/2020	-119.00	35.50	-154.50
07S08E17C01S	3/9/2020	-102.00	46.06	-148.06
07S08E17F01S	10/20/2009	-79.00	114.70	-193.70
07S08E17F01S	3/11/2010	-79.00	105.00	-184.00
07S08E17F01S	6/17/2010	-79.00	103.70	-182.70
07S08E17G01S	10/16/2009	-81.10	110.50	-191.60
07S08E17G01S	3/11/2010	-81.10	105.10	-186.20
07S08E17G01S	6/17/2010	-81.10	103.50	-184.60
07S08E17G01S	12/11/2018	-81.10	72.10	-153.20
07S08E17G01S	5/23/2019	-81.10	72.00	-153.10
07S08E17G01S	9/25/2019	-81.10	73.00	-154.10
07S08E17G01S	1/7/2020	-81.10	70.10	-151.20
07S08E17G01S	1/7/2020	-81.10	70.10	-151.20
07S08E17G01S	4/2/2020	-81.10	69.30	-150.40
07S08E17G01S	4/2/2020	-81.10	69.30	-150.40
07S08E17G01S	8/7/2020	-81.10	70.90	-152.00
07S08E17G01S	8/7/2020	-81.10	70.90	-152.00
07S08E18C01S	10/20/2009	-73.00	115.10	-188.10
07S08E18C01S	3/18/2010	-73.00	107.90	-180.90
07S08E18C01S	6/17/2010	-73.00	106.80	-179.80
07S08E19G01S	1/27/2010	78.20	277.20	-199.00
07S08E19G01S	5/25/2010	78.20	263.70	-185.50

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S08E20B01S	5/7/2009	-2.00	192.00	-194.00
07S08E20B01S	3/18/2010	-2.00	170.00	-172.00
07S08E20B01S	9/9/2010	-2.00	171.80	-173.80
07S08E20H01S	10/20/2009	-22.00	169.00	-191.00
07S08E20H01S	3/11/2010	-22.00	164.40	-186.40
07S08E20H01S	6/17/2010	-22.00	162.90	-184.90
07S08E22K02S	4/1/2010	-120.00	70.60	-190.60
07S08E23H01S	12/18/2009	-190.10	15.00	-205.10
07S08E23H01S	4/2/2010	-190.10	3.50	-193.60
07S08E23J01S	12/18/2009	-193.00	16.50	-209.50
07S08E23J01S	12/18/2009	-190.00	16.50	-206.50
07S08E23J01S	4/2/2010	-193.00	3.60	-196.60
07S08E23J01S	4/2/2010	-190.00	3.60	-193.60
07S08E23J01S	6/24/2010	-193.00	10.90	-203.90
07S08E23J01S	6/24/2010	-190.00	10.90	-200.90
07S08E23J01S	6/16/2020	-193.00	3.78	-196.78
07S08E23J01S	6/16/2020	-190.00	3.78	-193.78
07S08E24R01S	12/18/2009	-210.00	14.30	-224.30
07S08E24R01S	6/24/2010	-210.00	7.70	-217.70
07S08E24R02S	12/18/2009	-210.00	8.90	-218.90
07S08E24R02S	6/24/2010	-210.00	3.60	-213.60
07S08E25A02S	12/18/2009	-210.00	9.80	-219.80
07S08E25A02S	5/26/2010	-210.00	-1.60	-208.40
07S08E25A02S	6/24/2010	-210.00	3.10	-213.10
07S08E25A03S	12/18/2009	-210.00	11.60	-221.60
07S08E25A03S	5/26/2010	-210.00	4.30	-214.30
07S08E25A03S	6/24/2010	-210.00	4.80	-214.80
07S08E25A04S	5/26/2010	-210.00	4.10	-214.10
07S08E25A05S	12/18/2009	-210.00	7.80	-217.80
07S08E25H01S	12/18/2009	-208.50	18.20	-226.70
07S08E25H01S	9/30/2010	-208.50	18.30	-226.80
07S08E25H01S	1/29/2019	-208.50	17.50	-226.00
07S08E25H01S	5/21/2019	-208.50	11.80	-220.30
07S08E25H01S	9/24/2019	-208.50	19.80	-228.30
07S08E25H01S	1/10/2020	-208.50	27.90	-236.40
07S08E25H01S	5/8/2020	-208.50	-0.30	-208.20
07S08E25H01S	7/20/2020	-208.50	8.30	-216.80
07S08E25H04S	12/18/2009	-212.00	12.80	-224.80
07S08E25H05S	12/18/2009	-205.00	17.00	-222.00
07S08E25H05S	5/26/2010	-205.00	0.40	-205.40
07S08E25H05S	6/24/2010	-205.00	12.00	-217.00
07S08E26H02S	12/18/2009	-188.50	24.60	-213.10
07S08E26H02S	3/31/2010	-188.50	13.10	-201.60
07S08E26H02S	4/2/2010	-188.50	12.70	-201.20
07S08E26H02S	6/24/2010	-188.50	20.90	-209.40
07S08E26H02S	1/29/2019	-188.50	18.30	-206.80
07S08E26H02S	5/24/2019	-188.50	15.50	-204.00
07S08E26H02S	9/25/2019	-188.50	17.30	-205.80
07S08E26H02S	1/8/2020	-188.50	22.50	-211.00
07S08E27A02S	4/1/2010	-120.00	76.90	-196.90
07S08E27A02S	6/25/2010	-120.00	76.70	-196.70
07S08E27M02S	12/17/2009	-60.00	152.20	-212.20
07S08E27M02S	6/25/2010	-60.00	139.70	-199.70
07S08E27Q01S	12/17/2009	-92.15	106.10	-198.25
07S08E27Q01S	4/1/2010	-92.15	102.40	-194.55
07S08E28E01S	12/18/2009	0.00	244.60	-244.60
07S08E28E01S	4/1/2010	0.00	238.00	-238.00
07S08E28G01S	4/9/2010	-16.00	177.40	-193.40
07S08E28G01S	6/25/2010	-16.00	176.20	-192.20
07S08E28N01S	9/16/2010	100.00	246.70	-146.70

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S08E29C01S	2/25/2010	80.00	276.80	-196.80
07S08E29C01S	9/16/2010	80.00	269.80	-189.80
07S08E29D01S	9/16/2010	84.50	275.10	-190.60
07S08E29G01S	5/7/2009	81.10	284.70	-203.60
07S08E29G01S	6/17/2010	81.10	271.40	-190.30
07S08E29G01S	9/9/2010	81.10	273.10	-192.00
07S08E29G01S	12/11/2018	81.10	243.80	-162.70
07S08E29G01S	5/23/2019	81.10	244.70	-163.60
07S08E29G01S	9/25/2019	81.10	242.60	-161.50
07S08E29G01S	1/8/2020	81.10	245.30	-164.20
07S08E29G01S	1/8/2020	81.10	245.30	-164.20
07S08E29G01S	5/13/2020	81.10	237.00	-155.90
07S08E29G01S	5/13/2020	81.10	237.00	-155.90
07S08E29G01S	8/25/2020	81.10	247.30	-166.20
07S08E29G01S	8/25/2020	81.10	247.30	-166.20
07S08E29L01S	9/16/2010	100.00	292.40	-192.40
07S08E29P01S	12/16/2009	167.30	358.10	-190.80
07S08E29P01S	2/25/2010	167.30	347.20	-179.90
07S08E29P01S	6/10/2010	167.30	354.80	-187.50
07S08E29P01S	9/16/2010	167.30	370.10	-202.80
07S08E29P01S	1/31/2019	167.30	330.20	-162.90
07S08E29P01S	5/31/2019	167.30	328.30	-161.00
07S08E29P01S	9/30/2019	167.30	329.90	-162.60
07S08E29P01S	1/8/2020	167.30	327.20	-159.90
07S08E29P01S	5/12/2020	167.30	326.40	-159.10
07S08E29P01S	8/19/2020	167.30	327.40	-160.10
07S08E29P02S	12/16/2009	155.00	345.60	-190.60
07S08E29P02S	2/25/2010	155.00	337.40	-182.40
07S08E29P02S	6/11/2010	155.00	343.20	-188.20
07S08E29P02S	9/16/2010	155.00	357.50	-202.50
07S08E29P02S	1/31/2019	155.00	320.60	-165.60
07S08E29P02S	5/31/2019	155.00	315.60	-160.60
07S08E29P02S	9/30/2019	155.00	317.00	-162.00
07S08E29P02S	1/8/2020	155.00	314.00	-159.00
07S08E29P02S	5/12/2020	155.00	315.40	-160.40
07S08E29P02S	8/19/2020	155.00	314.80	-159.80
07S08E29P03S	5/5/2009	175.60	364.10	-188.50
07S08E29P03S	10/6/2009	175.60	369.70	-194.10
07S08E29P03S	12/1/2009	175.60	368.20	-192.60
07S08E29P03S	1/5/2010	175.60	360.80	-185.20
07S08E29P03S	2/2/2010	175.60	357.60	-182.00
07S08E29P03S	3/2/2010	175.60	357.00	-181.40
07S08E29P03S	6/10/2010	175.60	363.30	-187.70
07S08E29P03S	8/3/2010	175.60	365.50	-189.90
07S08E29P03S	9/16/2010	175.60	378.70	-203.10
07S08E29P03S	1/31/2019	175.60	339.50	-163.90
07S08E29P03S	5/31/2019	175.60	336.90	-161.30
07S08E29P03S	9/30/2019	175.60	339.10	-163.50
07S08E29P03S	1/8/2020	175.60	336.60	-161.00
07S08E29P03S	5/12/2020	175.60	335.40	-159.80
07S08E29P03S	8/19/2020	175.60	336.20	-160.60
07S08E29P04S	12/16/2009	162.90	357.20	-194.30
07S08E29P04S	6/11/2010	162.90	352.10	-189.20
07S08E29P04S	9/16/2010	162.90	366.80	-203.90
07S08E29P04S	1/31/2019	162.90	328.60	-165.70
07S08E29P04S	5/31/2019	162.90	325.60	-162.70
07S08E29P04S	9/30/2019	162.90	327.00	-164.10
07S08E29P04S	1/8/2020	162.90	324.50	-161.60
07S08E29P04S	5/12/2020	162.90	323.20	-160.30
07S08E29P04S	8/19/2020	162.90	324.40	-161.50

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S08E29Q01S	2/26/2010	89.30	285.80	-196.50
07S08E29Q01S	9/16/2010	89.30	283.00	-193.70
07S08E29Q01S	1/1/2019	89.30	255.00	-165.70
07S08E31R01S	10/20/2009	236.20	280.60	-44.40
07S08E31R01S	3/11/2010	236.20	281.50	-45.30
07S08E31R01S	6/17/2010	236.20	281.50	-45.30
07S08E31R01S	9/10/2010	236.20	282.10	-45.90
07S08E31R01S	12/11/2018	236.20	288.60	-52.40
07S08E31R01S	5/27/2019	236.20	289.10	-52.90
07S08E31R01S	9/25/2019	236.20	289.70	-53.50
07S08E31R01S	1/9/2020	236.20	289.90	-53.70
07S08E31R01S	1/9/2020	236.20	289.90	-53.70
07S08E31R01S	5/8/2020	236.20	290.00	-53.80
07S08E31R01S	5/8/2020	236.20	290.00	-53.80
07S08E31R01S	8/6/2020	236.20	291.50	-55.30
07S08E31R01S	8/6/2020	236.20	291.50	-55.30
07S08E32A01S	2/25/2010	88.70	285.40	-196.70
07S08E32A01S	6/10/2010	88.70	284.10	-195.40
07S08E32A01S	9/16/2010	88.70	296.50	-207.80
07S08E32A01S	1/31/2019	88.70	257.80	-169.10
07S08E32A01S	9/30/2019	88.70	256.80	-168.10
07S08E32A01S	1/8/2020	88.70	253.50	-164.80
07S08E32A01S	5/7/2020	88.70	254.30	-165.60
07S08E32A01S	9/25/2020	88.70	255.00	-166.30
07S08E33B01S	5/7/2009	21.80	223.70	-201.90
07S08E33B01S	1/28/2010	21.80	230.50	-208.70
07S08E33B01S	5/27/2010	21.80	232.00	-210.20
07S08E33B01S	9/9/2010	21.80	233.20	-211.40
07S08E33B01S	1/30/2019	21.80	201.10	-179.30
07S08E33B01S	5/23/2019	21.80	202.70	-180.90
07S08E33B01S	9/25/2019	21.80	200.60	-178.80
07S08E33B01S	1/8/2020	21.80	203.00	-181.20
07S08E33B01S	4/14/2020	21.80	195.60	-173.80
07S08E33B01S	8/21/2020	21.80	192.20	-170.40
07S08E33N02S	5/7/2009	75.00	276.90	-201.90
07S08E33N02S	1/28/2010	75.00	276.20	-201.20
07S08E33N02S	5/25/2010	75.00	273.30	-198.30
07S08E33N02S	9/10/2010	75.00	273.80	-198.80
07S08E34G01S	12/18/2009	-92.00	102.60	-194.60
07S08E34G01S	4/1/2010	-92.00	101.10	-193.10
07S08E34G01S	6/24/2010	-92.00	101.40	-193.40
07S08E34K04S	12/18/2009	-80.00	123.60	-203.60
07S08E34K04S	4/9/2010	-80.00	121.30	-201.30
07S08E34L01S	12/18/2009	-48.90	150.30	-199.20
07S08E34L01S	4/1/2010	-48.90	146.80	-195.70
07S08E35D01S	12/17/2009	-130.90	71.80	-202.70
07S08E35D01S	4/1/2010	-130.90	67.60	-198.50
07S08E35D01S	6/25/2010	-130.90	67.20	-198.10
07S08E35D01S	1/30/2019	-130.90	42.50	-173.40
07S08E35D01S	5/23/2019	-130.90	41.40	-172.30
07S08E35D01S	9/25/2019	-130.90	43.00	-173.90
07S08E35D01S	1/10/2020	-130.90	41.10	-172.00
07S08E35D01S	4/14/2020	-130.90	38.20	-169.10
07S08E35D01S	8/6/2020	-130.90	39.30	-170.20
07S08E36A01S	12/17/2009	-217.00	4.50	-221.50
07S08E36A01S	6/24/2010	-217.00	1.30	-218.30
07S08E36B01S	12/17/2009	-204.80	8.90	-213.70
07S08E36B01S	4/9/2010	-204.80	-0.60	-204.20
07S08E36B01S	6/24/2010	-204.80	1.80	-206.60
07S08E36B01S	5/21/2019	-204.80	-0.60	-204.20

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S08E36B01S	9/24/2019	-204.80	-0.90	-203.90
07S08E36B01S	1/21/2020	-204.80	-2.70	-202.10
07S08E36B01S	5/8/2020	-204.80	-10.80	-194.00
07S08E36B01S	7/20/2020	-204.80	-9.20	-195.60
07S08E36D02S	12/18/2009	-189.10	18.90	-208.00
07S08E36D02S	4/9/2010	-189.10	12.80	-201.90
07S08E36D02S	4/25/2010	-189.10	15.60	-204.70
07S09E03A01S	11/19/2019	132.55	280.00	-147.45
07S09E03A01S	3/3/2020	132.55	279.49	-146.94
07S09E03A01S	5/28/2020	132.55	279.26	-146.71
07S09E03A01S	8/26/2020	132.55	279.57	-147.02
07S09E03D01S	12/11/2009	31.00	189.90	-158.90
07S09E03D01S	3/12/2010	31.00	188.10	-157.10
07S09E04C01S	5/8/2009	-42.00	108.60	-150.60
07S09E04C01S	1/20/2010	-42.00	106.00	-148.00
07S09E04C01S	5/27/2010	-42.00	105.60	-147.60
07S09E04C01S	9/9/2010	-42.00	107.20	-149.20
07S09E04K01S	12/7/2009	-65.00	96.80	-161.80
07S09E04K01S	4/1/2010	-65.00	90.00	-155.00
07S09E05M01S	12/18/2009	-152.00	19.10	-171.10
07S09E05M01S	4/1/2010	-152.00	12.70	-164.70
07S09E07F03S	12/18/2009	-180.00	13.10	-193.10
07S09E07F03S	4/2/2010	-180.00	2.20	-182.20
07S09E07F03S	6/24/2010	-180.00	11.80	-191.80
07S09E07H02S	5/1/2009	-188.00	13.80	-201.80
07S09E07H02S	12/18/2009	-188.00	15.00	-203.00
07S09E07H02S	1/20/2010	-188.00	10.10	-198.10
07S09E07H02S	4/1/2010	-188.00	2.40	-190.40
07S09E07H02S	5/25/2010	-188.00	6.60	-194.60
07S09E07H02S	6/24/2010	-188.00	13.10	-201.10
07S09E07H02S	9/3/2010	-188.00	14.90	-202.90
07S09E07J01S	12/11/2018	-185.40	-9.20	-176.20
07S09E07J01S	5/20/2019	-185.40	-3.20	-182.20
07S09E07J01S	9/22/2019	-185.40	-4.10	-181.30
07S09E07J01S	1/10/2020	-185.40	-7.30	-178.10
07S09E07J01S	1/10/2020	-185.40	-7.39	-178.01
07S09E07J01S	5/8/2020	-185.40	-13.20	-172.20
07S09E07J01S	5/8/2020	-185.40	-13.20	-172.20
07S09E07J01S	8/7/2020	-185.40	-9.20	-176.20
07S09E07J01S	8/7/2020	-185.40	-9.20	-176.20
07S09E08R01S	10/15/2009	-166.40	15.90	-182.30
07S09E08R01S	3/12/2010	-166.40	7.90	-174.30
07S09E08R01S	6/18/2010	-166.40	9.40	-175.80
07S09E08R01S	1/22/2019	-166.40	-3.20	-163.20
07S09E08R01S	5/17/2019	-166.40	-3.20	-163.20
07S09E08R01S	9/22/2019	-166.40	-0.40	-166.00
07S09E08R01S	1/10/2020	-166.40	-2.70	-163.70
07S09E08R01S	4/2/2020	-166.40	-6.40	-160.00
07S09E08R01S	8/7/2020	-166.40	-11.00	-155.40
07S09E10E01S	10/15/2009	-80.00	101.40	-181.40
07S09E10E01S	3/12/2010	-80.00	91.70	-171.70
07S09E10E01S	6/18/2010	-80.00	100.20	-180.20
07S09E14C01S	10/15/2009	-64.60	105.00	-169.60
07S09E14C01S	1/22/2019	-64.60	92.70	-157.30
07S09E14C01S	5/17/2019	-64.60	92.00	-156.60
07S09E14C01S	9/22/2019	-64.60	92.00	-156.60
07S09E14C01S	1/10/2020	-64.60	91.40	-156.00
07S09E14C01S	4/14/2020	-64.60	91.20	-155.80
07S09E14C01S	8/11/2020	-64.60	91.10	-155.70
07S09E16F01S	12/18/2009	-168.00	17.60	-185.60

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S09E16F01S	4/1/2010	-168.00	12.80	-180.80
07S09E16F01S	6/24/2010	-168.00	14.80	-182.80
07S09E16M01S	12/18/2009	-184.55	23.10	-207.65
07S09E16M01S	4/2/2010	-184.55	13.10	-197.65
07S09E16M01S	6/24/2010	-184.55	19.80	-204.35
07S09E16M03S	12/18/2009	-191.40	17.30	-208.70
07S09E16M03S	4/2/2010	-191.40	8.00	-199.40
07S09E16M03S	6/24/2010	-191.40	13.60	-205.00
07S09E16M03S	1/22/2019	-191.40	2.60	-194.00
07S09E16M03S	5/17/2019	-191.40	-1.30	-190.10
07S09E16M03S	9/22/2019	-191.40	-1.30	-190.10
07S09E16M03S	1/10/2020	-191.40	-1.30	-190.10
07S09E16M03S	4/2/2020	-191.40	-1.30	-190.10
07S09E16M03S	8/11/2020	-191.40	-1.30	-190.10
07S09E17K01S	12/18/2009	-195.30	13.80	-209.10
07S09E17K01S	4/1/2010	-195.30	1.40	-196.70
07S09E17K01S	6/24/2010	-195.30	9.30	-204.60
07S09E17K01S	12/30/2019	-195.30	-4.00	-191.30
07S09E17K01S	9/30/2020	-195.30	-4.00	-191.30
07S09E18B01S	12/18/2009	-194.50	9.50	-204.00
07S09E18B01S	4/2/2010	-194.50	-1.00	-193.50
07S09E18H01S	12/18/2009	-197.90	9.40	-207.30
07S09E18H01S	6/24/2010	-197.90	5.60	-203.50
07S09E18H01S	1/29/2019	-197.90	-2.70	-195.20
07S09E18H01S	5/20/2019	-197.90	-4.10	-193.80
07S09E18H01S	9/24/2019	-197.90	-5.00	-192.90
07S09E18H01S	4/6/2020	-197.90	-11.50	-186.40
07S09E18H01S	9/30/2020	-197.90	-2.50	-195.40
07S09E19D04S	4/2/2010	-197.10	-1.50	-195.60
07S09E19D04S	6/24/2010	-197.10	10.20	-207.30
07S09E19G01S	12/18/2009	-210.00	5.20	-215.20
07S09E19G01S	4/24/2010	-210.00	-2.50	-207.50
07S09E19G01S	6/24/2010	-210.00	-2.50	-207.50
07S09E20B02S	6/24/2010	-205.30	4.80	-210.10
07S09E20N01S	12/18/2009	-214.10	0.90	-215.00
07S09E20N01S	4/2/2010	-214.10	-0.80	-213.30
07S09E22G02S	10/16/2009	-173.00	39.90	-212.90
07S09E22G02S	3/18/2010	-173.00	25.00	-198.00
07S09E22G02S	6/17/2010	-173.00	30.00	-203.00
07S09E23N01S	10/16/2009	-187.70	29.10	-216.80
07S09E23N01S	3/18/2010	-187.70	16.90	-204.60
07S09E23N01S	6/17/2010	-187.70	21.60	-209.30
07S09E23N01S	12/12/2018	-187.70	7.20	-194.90
07S09E23N01S	5/17/2019	-187.70	5.30	-193.00
07S09E23N01S	9/22/2019	-187.70	7.20	-194.90
07S09E23N01S	1/14/2020	-187.70	5.60	-193.30
07S09E23N01S	1/14/2020	-187.70	5.60	-193.30
07S09E23N01S	4/14/2020	-187.70	3.60	-191.30
07S09E23N01S	4/14/2020	-187.70	3.60	-191.30
07S09E23N01S	8/11/2020	-187.70	4.50	-192.20
07S09E23N01S	8/11/2020	-187.70	4.50	-192.20
07S09E26G03S	10/16/2009	-201.40	-1.20	-200.20
07S09E26G03S	3/18/2010	-201.40	-1.20	-200.20
07S09E26G03S	6/17/2010	-201.40	-1.20	-200.20
07S09E26G03S	1/22/2019	-201.40	-1.20	-200.20
07S09E26G03S	5/17/2019	-201.40	-1.20	-200.20
07S09E26G03S	9/22/2019	-201.40	-1.20	-200.20
07S09E26G03S	1/14/2020	-201.40	-1.20	-200.20
07S09E26G03S	4/16/2020	-201.40	-1.20	-200.20
07S09E26G03S	8/11/2020	-201.40	-1.20	-200.20

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S09E29B01S	12/18/2009	-220.00	5.20	-225.20
07S09E29B01S	4/2/2010	-220.00	-2.50	-217.50
07S09E30D03S	2/12/2020	-209.00	107.04	-316.04
07S09E30J02S	12/18/2009	-216.20	8.90	-225.10
07S09E30J02S	4/24/2010	-216.20	0.60	-216.80
07S09E30M01S	12/18/2009	-213.00	20.00	-233.00
07S09E30M01S	6/24/2010	-213.00	13.10	-226.10
07S09E30R01S	10/6/2009	-203.20	0.00	-203.20
07S09E30R01S	12/18/2009	-203.20	0.00	-203.20
07S09E30R01S	2/2/2010	-203.20	0.00	-203.20
07S09E30R01S	4/1/2010	-203.20	0.00	-203.20
07S09E30R01S	4/7/2010	-203.20	0.00	-203.20
07S09E30R01S	6/24/2010	-203.20	0.00	-203.20
07S09E30R01S	8/4/2010	-203.20	0.00	-203.20
07S09E30R01S	1/28/2019	-203.20	-18.40	-184.80
07S09E30R01S	5/20/2019	-203.20	-22.60	-180.60
07S09E30R01S	10/1/2019	-203.20	-15.70	-187.50
07S09E30R01S	12/31/2019	-203.20	-19.10	-184.10
07S09E30R01S	4/6/2020	-203.20	-24.00	-179.20
07S09E30R01S	8/21/2020	-203.20	-23.10	-180.10
07S09E30R02S	10/6/2009	-203.10	11.50	-214.60
07S09E30R02S	12/18/2009	-203.10	11.10	-214.20
07S09E30R02S	2/2/2010	-203.10	7.40	-210.50
07S09E30R02S	4/1/2010	-203.10	2.20	-205.30
07S09E30R02S	4/7/2010	-203.10	2.00	-205.10
07S09E30R02S	6/24/2010	-203.10	4.60	-207.70
07S09E30R02S	8/4/2010	-203.10	7.30	-210.40
07S09E30R02S	1/29/2019	-203.10	-12.40	-190.70
07S09E30R02S	5/20/2019	-203.10	-12.40	-190.70
07S09E30R02S	10/1/2019	-203.10	-27.70	-175.40
07S09E30R02S	12/31/2019	-203.10	-15.70	-187.40
07S09E30R02S	4/6/2020	-203.10	-20.30	-182.80
07S09E30R02S	8/21/2020	-203.10	-20.30	-182.80
07S09E30R03S	10/6/2009	-203.00	19.60	-222.60
07S09E30R03S	12/18/2009	-203.00	18.00	-221.00
07S09E30R03S	2/2/2010	-203.00	16.00	-219.00
07S09E30R03S	4/1/2010	-203.00	5.70	-208.70
07S09E30R03S	4/7/2010	-203.00	5.30	-208.30
07S09E30R03S	6/24/2010	-203.00	8.10	-211.10
07S09E30R03S	8/4/2010	-203.00	10.30	-213.30
07S09E30R03S	1/29/2019	-203.00	15.30	-218.30
07S09E30R03S	5/20/2019	-203.00	9.90	-212.90
07S09E30R03S	10/1/2019	-203.00	10.70	-213.70
07S09E30R03S	12/31/2019	-203.00	15.90	-218.90
07S09E30R03S	4/6/2020	-203.00	6.20	-209.20
07S09E30R03S	8/21/2020	-203.00	15.80	-218.80
07S09E30R04S	10/6/2009	-203.00	28.50	-231.50
07S09E30R04S	12/18/2009	-203.00	26.30	-229.30
07S09E30R04S	2/2/2010	-203.00	13.80	-216.80
07S09E30R04S	4/1/2010	-203.00	7.30	-210.30
07S09E30R04S	4/7/2010	-203.00	7.60	-210.60
07S09E30R04S	6/24/2010	-203.00	15.10	-218.10
07S09E30R04S	8/4/2010	-203.00	19.40	-222.40
07S09E30R04S	12/11/2018	-203.00	14.30	-217.30
07S09E30R04S	1/29/2019	-203.00	12.50	-215.50
07S09E30R04S	5/20/2019	-203.00	7.50	-210.50
07S09E30R04S	10/1/2019	-203.00	11.90	-214.90
07S09E30R04S	10/1/2019	-203.00	11.90	-214.90
07S09E30R04S	12/31/2019	-203.00	14.70	-217.70
07S09E30R04S	12/31/2019	-203.00	14.70	-217.70

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
07S09E30R04S	4/6/2020	-203.00	2.40	-205.40
07S09E30R04S	4/6/2020	-203.00	2.40	-205.40
07S09E30R04S	8/21/2020	-203.00	6.00	-209.00
07S09E30R04S	8/21/2020	-203.00	6.00	-209.00
07S10E07N01S	11/19/2019	80.00	239.93	-159.93
07S10E07N01S	3/3/2020	80.00	239.73	-159.73
07S10E07N01S	5/28/2020	80.00	239.38	-159.38
07S10E07N01S	8/26/2020	80.00	239.16	-159.16
07S10E07N02S	11/19/2019	78.74	239.59	-160.85
07S10E07N02S	3/3/2020	78.74	239.41	-160.67
07S10E07N02S	5/28/2020	78.74	239.12	-160.38
07S10E07N02S	8/26/2020	78.74	238.82	-160.08
07S10E28B01S	2/25/2020	-130.00	59.00	-189.00
08S08E01F01S	12/17/2009	-195.40	28.90	-224.30
08S08E01F01S	4/1/2010	-195.40	17.70	-213.10
08S08E01F01S	6/29/2010	-195.40	21.80	-217.20
08S08E01N01S	12/17/2009	-173.30	50.20	-223.50
08S08E01N01S	1/30/2019	-173.30	9.60	-182.90
08S08E01N01S	5/22/2019	-173.30	9.70	-183.00
08S08E01N01S	9/25/2019	-173.30	9.20	-182.50
08S08E01N01S	1/14/2020	-173.30	10.00	-183.30
08S08E01N01S	4/21/2020	-173.30	7.80	-181.10
08S08E01N01S	8/21/2020	-173.30	10.30	-183.60
08S08E02R03S	12/17/2009	-161.50	54.50	-216.00
08S08E03L01S	12/18/2009	-58.60	154.80	-213.40
08S08E03L01S	4/1/2010	-58.60	147.80	-206.40
08S08E03L01S	6/24/2010	-58.60	147.30	-205.90
08S08E03L01S	1/30/2019	-58.60	119.40	-178.00
08S08E03L01S	5/22/2019	-58.60	118.60	-177.20
08S08E03L01S	9/25/2019	-58.60	120.70	-179.30
08S08E03L01S	1/14/2020	-58.60	117.10	-175.70
08S08E03L01S	4/21/2020	-58.60	115.50	-174.10
08S08E03L01S	8/6/2020	-58.60	117.60	-176.20
08S08E04G01S	6/24/2010	0.00	246.80	-246.80
08S08E05H01S	10/20/2009	100.00	295.80	-195.80
08S08E05H01S	3/18/2010	100.00	292.00	-192.00
08S08E05H01S	6/17/2010	100.00	290.60	-190.60
08S08E05H01S	9/10/2010	100.00	291.10	-191.10
08S08E09B01S	10/20/2009	35.00	240.70	-205.70
08S08E09B01S	2/8/2010	35.00	237.60	-202.60
08S08E09P02S	11/19/2019	45.60	235.32	-189.72
08S08E09P02S	3/3/2020	45.60	230.27	-184.67
08S08E09P02S	5/28/2020	45.60	229.86	-184.26
08S08E09P02S	8/26/2020	45.60	233.21	-187.61
08S08E09P03S	11/19/2019	45.60	234.91	-189.31
08S08E09P03S	3/3/2020	45.60	229.47	-183.87
08S08E09P03S	5/28/2020	45.60	229.39	-183.79
08S08E09P03S	8/26/2020	45.60	233.20	-187.60
08S08E10B03S	12/17/2009	-101.71	156.00	-257.71
08S08E10B03S	4/1/2010	-101.71	151.30	-253.01
08S08E10B03S	6/29/2010	-101.71	146.20	-247.91
08S08E10E01S	5/7/2009	-39.37	203.20	-242.57
08S08E10E01S	10/1/2009	-39.37	207.10	-246.47
08S08E10E01S	1/28/2010	-39.37	200.50	-239.87
08S08E10E01S	9/10/2010	-39.37	207.20	-246.57
08S08E10G01S	12/17/2009	-91.86	169.50	-261.36
08S08E11C01S	12/18/2009	-135.50	87.10	-222.60
08S08E11C01S	4/1/2010	-135.50	81.90	-217.40
08S08E11C01S	6/24/2010	-135.50	80.40	-215.90
08S08E11H01S	12/17/2009	-166.00	39.20	-205.20

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
08S08E11H01S	4/1/2010	-166.00	36.60	-202.60
08S08E11H01S	6/29/2010	-166.00	36.20	-202.20
08S08E12K01S	12/17/2009	-186.00	47.80	-233.80
08S08E12K01S	4/1/2010	-186.00	44.10	-230.10
08S08E12K01S	6/29/2010	-186.00	42.00	-228.00
08S08E15G01S	10/20/2009	-55.00	184.20	-239.20
08S08E15G01S	2/8/2010	-55.00	180.60	-235.60
08S08E15G01S	9/10/2010	-55.00	182.30	-237.30
08S08E24A01S	5/1/2009	-155.20	90.20	-245.40
08S08E24A01S	1/20/2010	-155.20	83.50	-238.70
08S08E24A01S	5/25/2010	-155.20	78.20	-233.40
08S08E24A01S	9/3/2010	-155.20	83.00	-238.20
08S08E24A01S	12/11/2018	-155.20	62.50	-217.70
08S08E24A01S	5/22/2019	-155.20	54.30	-209.50
08S08E24A01S	9/24/2019	-155.20	51.50	-206.70
08S08E24A01S	1/14/2020	-155.20	58.70	-213.90
08S08E24A01S	1/14/2020	-155.20	58.70	-213.90
08S08E24A01S	5/8/2020	-155.20	50.50	-205.70
08S08E24A01S	5/8/2020	-155.20	50.50	-205.70
08S08E24A01S	7/20/2020	-155.20	48.80	-204.00
08S08E24A01S	7/20/2020	-155.20	48.80	-204.00
08S08E24B01S	3/10/2020	-130.00	79.40	-209.40
08S08E24E01S	2/11/2020	-88.58	124.76	-213.34
08S08E24E01S	2/11/2020	-85.00	124.76	-209.76
08S08E24J01S	10/20/2009	-148.00	98.90	-246.90
08S08E24J01S	2/8/2010	-148.00	102.60	-250.60
08S08E24J01S	9/10/2010	-148.00	97.20	-245.20
08S08E24L01S	2/8/2010	-110.80	149.00	-259.80
08S08E24L01S	9/10/2010	-110.80	142.50	-253.30
08S08E24L01S	1/30/2019	-110.80	104.80	-215.60
08S08E24L01S	5/21/2019	-110.80	103.70	-214.50
08S08E24L01S	9/24/2019	-110.80	100.10	-210.90
08S08E24L01S	1/14/2020	-110.80	102.10	-212.90
08S08E24L01S	5/7/2020	-110.80	98.00	-208.80
08S08E24L01S	7/15/2020	-110.80	96.90	-207.70
08S08E25K01S	5/7/2009	-29.53	199.40	-228.93
08S08E25K01S	10/1/2009	-29.53	195.00	-224.53
08S08E25K01S	1/28/2010	-29.53	197.20	-226.73
08S08E25K01S	5/27/2010	-29.53	203.30	-232.83
08S08E25L01S	1/28/2010	3.28	227.10	-223.82
08S08E25L01S	5/27/2010	3.28	232.40	-229.12
08S08E25L01S	9/10/2010	3.28	223.40	-220.12
08S08E25P01S	11/19/2019	85.63	299.65	-214.02
08S08E25P01S	3/3/2020	85.63	299.56	-213.93
08S08E25P01S	5/28/2020	85.63	298.71	-213.08
08S08E25P01S	8/26/2020	85.63	297.86	-212.23
08S09E07M01S	12/17/2009	-205.60	22.50	-228.10
08S09E07M01S	4/1/2010	-205.60	14.50	-220.10
08S09E07M01S	6/29/2010	-205.60	10.70	-216.30
08S09E07M01S	9/30/2010	-205.60	17.20	-222.80
08S09E07M01S	1/30/2019	-205.60	0.00	-205.60
08S09E07M01S	5/22/2019	-205.60	0.00	-205.60
08S09E07M01S	9/24/2019	-205.60	-0.20	-205.40
08S09E07M01S	1/14/2020	-205.60	-0.20	-205.40
08S09E07M01S	4/24/2020	-205.60	-2.70	-202.90
08S09E07M01S	7/20/2020	-205.60	-2.70	-202.90
08S09E07N01S	5/5/2009	-206.30	42.20	-248.50
08S09E07N01S	11/3/2009	-206.30	34.30	-240.60
08S09E07N01S	12/17/2009	-206.30	40.00	-246.30
08S09E07N01S	3/2/2010	-206.30	39.10	-245.40

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
08S09E07N01S	4/1/2010	-206.30	36.60	-242.90
08S09E07N01S	7/8/2010	-206.30	27.90	-234.20
08S09E07N01S	9/2/2010	-206.30	37.20	-243.50
08S09E07N01S	12/11/2018	-206.30	4.40	-210.70
08S09E07N01S	5/22/2019	-206.30	0.90	-207.20
08S09E07N01S	9/24/2019	-206.30	-0.30	-206.00
08S09E07N01S	1/10/2020	-206.30	2.00	-208.30
08S09E07N01S	4/6/2020	-206.30	-3.60	-202.70
08S09E07N01S	7/20/2020	-206.30	-3.40	-202.90
08S09E07N02S	5/5/2009	-206.30	35.00	-241.30
08S09E07N02S	11/3/2009	-206.30	33.30	-239.60
08S09E07N02S	12/17/2009	-206.30	38.50	-244.80
08S09E07N02S	3/2/2010	-206.30	38.00	-244.30
08S09E07N02S	4/1/2010	-206.30	33.30	-239.60
08S09E07N02S	7/8/2010	-206.30	30.70	-237.00
08S09E07N02S	9/2/2010	-206.30	41.00	-247.30
08S09E07N02S	12/11/2018	-206.30	6.30	-212.60
08S09E07N02S	9/24/2019	-206.30	-0.30	-206.00
08S09E07N02S	1/10/2020	-206.30	3.90	-210.20
08S09E07N02S	4/6/2020	-206.30	-3.20	-203.10
08S09E07N02S	7/20/2020	-206.30	-3.20	-203.10
08S09E07N03S	5/5/2009	-206.90	30.40	-237.30
08S09E07N03S	11/3/2009	-206.90	29.40	-236.30
08S09E07N03S	12/17/2009	-206.90	37.30	-244.20
08S09E07N03S	3/2/2010	-206.90	36.90	-243.80
08S09E07N03S	4/1/2010	-206.90	29.40	-236.30
08S09E07N03S	7/8/2010	-206.90	25.80	-232.70
08S09E07N03S	9/2/2010	-206.90	37.80	-244.70
08S09E07N03S	12/11/2018	-206.90	3.60	-210.50
08S09E07N03S	5/22/2019	-206.90	-3.20	-203.70
08S09E07N03S	9/24/2019	-206.90	-3.60	-203.30
08S09E07N03S	1/10/2020	-206.90	-1.30	-205.60
08S09E07N03S	4/6/2020	-206.90	-8.70	-198.20
08S09E07N03S	7/20/2020	-206.90	-8.30	-198.60
08S09E07N04S	5/5/2009	-206.90	29.90	-236.80
08S09E07N04S	11/3/2009	-206.90	28.80	-235.70
08S09E07N04S	12/17/2009	-206.90	36.50	-243.40
08S09E07N04S	3/2/2010	-206.90	36.00	-242.90
08S09E07N04S	4/1/2010	-206.90	28.80	-235.70
08S09E07N04S	7/8/2010	-206.90	25.30	-232.20
08S09E07N04S	9/2/2010	-206.90	37.40	-244.30
08S09E07N04S	12/11/2018	-206.90	2.50	-209.40
08S09E07N04S	5/22/2019	-206.90	-2.70	-204.20
08S09E07N04S	9/24/2019	-206.90	-3.40	-203.50
08S09E07N04S	1/10/2020	-206.90	-4.60	-202.30
08S09E07N04S	1/10/2020	-206.90	-4.60	-202.30
08S09E07N04S	4/6/2020	-206.90	-9.20	-197.70
08S09E07N04S	4/6/2020	-206.90	-9.20	-197.70
08S09E07N04S	7/20/2020	-206.90	-8.70	-198.20
08S09E07N04S	7/20/2020	-206.90	-8.70	-198.20
08S09E30A01S	10/20/2009	-152.30	102.10	-254.40
08S09E30A01S	2/8/2010	-152.30	105.70	-258.00
08S09E30A01S	1/30/2019	-152.30	71.10	-223.40
08S09E30A01S	5/21/2019	-152.30	68.10	-220.40
08S09E30A01S	9/24/2019	-152.30	66.10	-218.40
08S09E30A01S	1/14/2020	-152.30	68.30	-220.60
08S09E30A01S	4/24/2020	-152.30	64.60	-216.90
08S09E30A01S	7/15/2020	-152.30	63.90	-216.20
08S09E31Q03S	10/20/2009	2.00	274.50	-272.50
08S09E31Q03S	2/9/2010	2.00	280.80	-278.80

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
08S09E31Q03S	9/14/2010	2.00	264.00	-262.00
08S09E31Q03S	1/30/2019	2.00	252.90	-250.90
08S09E31Q03S	5/21/2019	2.00	242.30	-240.30
08S09E31Q03S	9/24/2019	2.00	231.00	-229.00
08S09E31Q03S	1/21/2020	2.00	230.00	-228.00
08S09E31Q03S	2/20/2020	2.00	230.10	-228.10
08S09E31Q03S	7/1/2020	2.00	228.10	-226.10
08S09E31Q04S	10/20/2009	14.00	277.50	-263.50
08S09E31Q04S	9/14/2010	14.00	275.60	-261.60
08S09E31Q04S	1/30/2019	14.00	244.30	-230.30
08S09E31Q04S	5/21/2019	14.00	244.70	-230.70
08S09E31Q04S	9/24/2019	14.00	243.20	-229.20
08S09E31Q04S	1/9/2020	14.00	241.50	-227.50
08S09E31Q04S	2/20/2020	14.00	242.20	-228.20
08S09E31Q04S	7/1/2020	14.00	242.00	-228.00
08S09E31R01S	10/20/2009	-17.80	235.50	-253.30
08S09E31R01S	2/9/2010	-17.80	237.00	-254.80
08S09E31R01S	12/11/2018	-17.80	204.40	-222.20
08S09E31R01S	5/21/2019	-17.80	204.30	-222.10
08S09E31R01S	9/24/2019	-17.80	203.80	-221.60
08S09E31R01S	1/9/2020	-17.80	201.70	-219.50
08S09E31R01S	1/9/2020	-17.80	201.70	-219.50
08S09E31R01S	4/24/2020	-17.80	201.80	-219.60
08S09E31R01S	4/24/2020	-17.80	201.80	-219.60
08S09E31R01S	7/1/2020	-17.80	199.80	-217.60
08S09E31R01S	7/1/2020	-17.80	199.80	-217.60
08S09E31R03S	10/20/2009	-9.00	252.90	-261.90
08S09E31R03S	2/9/2010	-9.00	254.40	-263.40
08S09E31R03S	9/14/2010	-9.00	251.40	-260.40
08S09E31R03S	1/30/2019	-9.00	220.60	-229.60
08S09E31R03S	5/21/2019	-9.00	220.80	-229.80
08S09E31R03S	9/24/2019	-9.00	221.20	-230.20
08S09E31R03S	1/9/2020	-9.00	218.00	-227.00
08S09E31R03S	2/20/2020	-9.00	217.00	-226.00
08S09E31R03S	7/1/2020	-9.00	216.40	-225.40
08S09E32C01S	5/21/2009	-145.30	111.80	-257.10
08S09E32C01S	3/18/2010	-145.30	114.70	-260.00
08S09E32C01S	4/15/2010	-145.30	110.10	-255.40
08S09E32C01S	5/20/2010	-145.30	114.00	-259.30
08S09E32C01S	6/8/2010	-145.30	108.40	-253.70
08S09E32C01S	7/15/2010	-145.30	107.80	-253.10
08S09E32C01S	8/19/2010	-145.30	108.20	-253.50
08S09E32C01S	9/15/2010	-145.30	106.50	-251.80
08S09E32C01S	10/26/2018	-145.30	78.60	-223.90
08S09E32C01S	11/29/2018	-145.30	79.10	-224.40
08S09E32C01S	12/31/2018	-145.30	76.80	-222.10
08S09E32C01S	1/24/2019	-145.30	76.20	-221.50
08S09E32C01S	2/27/2019	-145.30	82.50	-227.80
08S09E32C01S	3/29/2019	-145.30	79.40	-224.70
08S09E32C01S	4/25/2019	-145.30	79.10	-224.40
08S09E32C01S	5/30/2019	-145.30	80.40	-225.70
08S09E32C01S	9/24/2019	-145.30	75.90	-221.20
08S09E32C01S	1/14/2020	-145.30	76.30	-221.60
08S09E32C01S	4/6/2020	-145.30	75.50	-220.80
08S09E32G01S	5/21/2009	-148.50	109.30	-257.80
08S09E32G01S	10/22/2009	-148.50	105.70	-254.20
08S09E32G01S	11/19/2009	-148.50	106.50	-255.00
08S09E32G01S	12/9/2009	-148.50	107.80	-256.30
08S09E32G01S	12/17/2009	-148.50	107.80	-256.30
08S09E32G01S	2/19/2010	-148.50	108.40	-256.90

State Well No.	Date	Ground Surface Elevation (feet msl)	Depth to Water (feet bgs)	Groundwater Elevation (feet msl)
08S09E32G01S	2/24/2010	-148.50	108.90	-257.40
08S09E32G01S	3/18/2010	-148.50	108.50	-257.00
08S09E32G01S	4/15/2010	-148.50	107.50	-256.00
08S09E32G01S	5/20/2010	-148.50	106.40	-254.90
08S09E32G01S	6/8/2010	-148.50	105.90	-254.40
08S09E32G01S	7/15/2010	-148.50	105.00	-253.50
08S09E32G01S	8/19/2010	-148.50	104.30	-252.80
08S09E32G01S	9/15/2010	-148.50	103.90	-252.40
08S09E32G01S	10/26/2018	-148.50	74.40	-222.90
08S09E32G01S	11/29/2018	-148.50	74.10	-222.60
08S09E32G01S	12/31/2018	-148.50	74.60	-223.10
08S09E32G01S	1/24/2019	-148.50	75.20	-223.70
08S09E32G01S	2/27/2019	-148.50	76.30	-224.80
08S09E32G01S	3/29/2019	-148.50	74.90	-223.40
08S09E32G01S	4/25/2019	-148.50	74.20	-222.70
08S09E32G01S	5/30/2019	-148.50	73.60	-222.10
08S09E32G01S	9/24/2019	-148.50	72.40	-220.90
08S09E32G01S	1/14/2020	-148.50	72.10	-220.60
08S09E32G01S	4/6/2020	-148.50	70.90	-219.40
08S09E32G01S	7/7/2020	-148.50	70.30	-218.80
08S09E32G02S	5/21/2009	-142.40	110.80	-253.20
08S09E32G02S	11/19/2009	-142.40	106.60	-249.00
08S09E32G02S	12/9/2009	-142.40	108.70	-251.10
08S09E32G02S	12/17/2009	-142.40	108.70	-251.10
08S09E32G02S	2/19/2010	-142.40	110.00	-252.40
08S09E32G02S	2/24/2010	-142.40	110.50	-252.90
08S09E32G02S	4/15/2010	-142.40	109.90	-252.30
08S09E32G02S	5/20/2010	-142.40	108.00	-250.40
08S09E32G02S	6/8/2010	-142.40	107.20	-249.60
08S09E32G02S	8/19/2010	-142.40	106.00	-248.40
08S09E32G02S	9/15/2010	-142.40	106.00	-248.40
08S09E32G02S	10/26/2018	-142.40	76.80	-219.20
08S09E32G02S	11/29/2018	-142.40	76.30	-218.70
08S09E32G02S	12/31/2018	-142.40	77.40	-219.80
08S09E32G02S	1/24/2019	-142.40	77.20	-219.60
08S09E32G02S	2/27/2019	-142.40	77.20	-219.60
08S09E32G02S	3/29/2019	-142.40	77.00	-219.40
08S09E32G02S	4/25/2019	-142.40	76.50	-218.90
08S09E32G02S	5/30/2019	-142.40	75.80	-218.20
08S09E32G02S	9/24/2019	-142.40	71.60	-214.00
08S09E32G02S	1/14/2020	-142.40	72.00	-214.40
08S09E32G02S	4/6/2020	-142.40	72.90	-215.30
08S09E32G02S	7/7/2020	-142.40	71.50	-213.90
08S09E33N01S	5/1/2009	-133.60	123.80	-257.40
08S09E33N01S	1/20/2010	-133.60	121.90	-255.50
08S09E33N01S	2/8/2010	-133.60	122.00	-255.60
08S09E33N01S	5/25/2010	-133.60	120.80	-254.40
08S09E33N01S	9/3/2010	-133.60	118.90	-252.50
08S09E33N01S	1/30/2019	-133.60	90.50	-224.10
08S09E33N01S	5/21/2019	-133.60	89.60	-223.20
08S09E33N01S	9/24/2019	-133.60	88.20	-221.80
08S09E33N01S	1/9/2020	-133.60	87.10	-220.70
08S09E33N01S	2/20/2020	-133.60	86.90	-220.50
08S09E33N01S	7/1/2020	-133.60	84.60	-218.20
09S09E04M01S	10/17/2019	-105.00	116.30	-221.30
09S09E04M01S	3/6/2020	-105.00	115.09	-220.09
09S09E05C01S	10/20/2009	-88.58	128.30	-216.88
09S09E05C01S	2/8/2010	-88.58	129.40	-217.98

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