BUREAU OF RECLAMATION

Technical Report No. ENV-2023-018

McGee Creek Reservoir 2022 Sedimentation Survey

McGee Creek Project, Oklahoma

Missouri Basin and Arkansas – Rio Grande – Texas Gulf Regions

U.S. Department of the Interior

August 2023

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Cover Photo – Photograph of a small cove in McGee Creek Reservoir (Photo by T. Hardee)

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Prepared by: Travis Hardee, MS, D. Nathan Bradley, Ph. D.

Bureau of Reclamation
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Denver, Colorado

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14. ABSTRACT

The U.S. Bureau of Reclamation's (Reclamation) Technical Services Center (TSC) conducted a bathymetric survey in May 2022, of McGee Creek Reservoir, impounded by McGee Creek Dam, near Atoka, Oklahoma. McGee Creek Dam was completed in 1987 (Table ES-1). The reservoir was originally surveyed in 1979 using photogrammetry (Table ES-2). Original design storage allocation data were re-computed using ACAP V2.0 (Table ES-3; see Section 2.5, Bradley, 2021). The bathymetric survey was combined with 2017 aerial lidar to create a complete surface, which was then used to compute updated area and capacity relationships (Table ES-3). In the 35 years since the dam was completed, the reservoir lost a total of 9,571 acre-feet (3%) of capacity at the top of the surcharge pool (609.9 ft). Below the top of the active conservation pool (577.1 ft), the reservoir lost approximately 4,915 acre-feet of storage or 5% of the total design capacity. It is possible some of the difference in computed area and capacity may be attributed to differences in survey methods or interpolation required to fill in gaps between the bathymetric and lidar data.

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Missouri Basin and Arkansas – Rio Grande – Texas Gulf Regions

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Conversion Factors

U.S. Customary units to International System of Units

Multiply	By	To obtain
	Length	
inch (in.)	2.54	centimeter (cm)
foot (ft.)	0.3048	meter (m)
mile (mi)	1. 609	kilometer(km^2)
	Area	
acre	4,047	square meter (m^2)
acre	0.004047	square kilometer (km^2)
square mile (mi^2)	2.590	square kilometer (km^2)
	Volume	
acre-foot (acre-ft or AF)	$1{,}233 \times 10^{-6}$	cubic kilometer (km^3)
acre-foot (acre-ft or AF)	1,233	cubic meter (m^3)

Datums

All survey data were collected and processed in the North American Vertical Datum of 1988 (NAVD88), GEOID 18 in U.S. Survey feet (Well-Known ID (WKID): 6360). The difference between surveyed water surface elevations measured throughout the survey and gage records (Hydromet, 2021) found that Reclamation Project Vertical Datum (*RPVD) is 0.5 ft lower than NAVD88 and was used to convert the final topobathymetric surface from NAVD88 to Reclamation Project Vertical Datum (RVPD). All vertical elevations used in this report are referenced to the RVPD.

Horizontal coordinate information is referenced to North American Datum (NAD) 1983 (2011) State Plane Oklahoma South FIPS 3502 (US Feet); (WKID: 6555)

Original storage allocation data were surveyed in 1979 and re-calculated using ACAP V2.0, see section 2.5, Bradley, 2021. All references to the original storage allocation data will reflect the re-calculated values.

Abbreviations

acre-feet/mi^2/year	acre-feet per square mile per year
AF	acre-feet
ACAP	Area Capacity
cm	centimeters
cm/kyr	centimeters per thousand years
DOI	U.S. Department of the Interior
ft	feet
ft^3/s	cubic feet per second
GIS	Geographic Information System
GPS	Global Positioning System
HUC	Hydrologic Unit Code
in	inches
in/kyr	inches per thousand years
INS	Inertial Navigation System
ka	thousands of years ago, used for a date
kyr	thousands of years, used for a rate
LAS	LASer file format
m^3	cubic meters
Ma	Million years ago, used for a date
mi^2	square miles
mm	millimeters
NAD 1983	North American Datum, established 1983
NAVD	1988 North American Vertical Datum, established 1988
NGS	National Geodetic Survey
NGVD 1929	1929 National Geodetic Vertical Datum, established 1929
NID	National Inventory of Dams
NRCS	Natural Resources Conservation Service
OPUS	Online Positioning User Service
Reclamation	Bureau of Reclamation
RPVD	Reclamation Project Vertical Datum
RTK-GPS	real-time kinematic Global Positioning System
SVP	Sound Velocity Profile
TSC	Technical Service Center
USGS	U.S. Geological Survey
MBART	Missouri Basin and Arkansas – Rio Grande – Texas Gulf Region
OTAO	Oklahoma Texas Area office
SOP	Standard Operating Procedures

Symbols

>	greater than
<	less than
±	plus or minus

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Executive Summary

The U.S. Bureau of Reclamation's (Reclamation) Technical Services Center (TSC) conducted a bathymetric survey in May 2022, of McGee Creek Reservoir, impounded by McGee Creek Dam, near Atoka, Oklahoma. McGee Creek Dam was completed in 1987 (Table ES-1). The reservoir was originally surveyed in 1979 using photogrammetry (Table ES-2). Original design storage allocation data were re-computed using ACAP V2.0 (Table ES-3; see Section 2.5, Bradley, 2021). The bathymetric survey was combined with 2017 aerial lidar to create a complete surface, which was then used to compute updated area and capacity relationships (Table ES-3). In the 35 years since the dam was completed, the reservoir lost a total of 9,571 acre-feet (3%) of capacity at the top of the surcharge pool (609.9 ft). Below the top of the active conservation pool (577.1 ft), the reservoir lost approximately 4,915 acre-feet of storage or 5% of the total design capacity. It is possible some of the difference in computed area and capacity may be attributed to differences in survey methods or interpolation required to fill in gaps between the bathymetric and lidar data.

Table ES-1. —Reservoir survey summary information

Reservoir name	McGee Creek	**Dam Name**	McGee Creek Dam
USBR Reservoir Asset ID	03-0245-00009	**Dam Latitude (DD)**	34° 18' 57.636'' N
Owner	USBR	**Dam Longitude (DD)**	95° 52' 28.848'' W
Region	MBART	**NID ID***	OK82908
Area office	OTAO	**Vertical datum**	RPVD
Operator	McGee Creek Authority	**Top of dam elevation**	613.5 ft
Stream	McGee Creek	**Spillway crest elevation**	610 ft
County	Atoka	**Low-level outlet elevation**	483.9 ft
State	Oklahoma	**Total drainage area**	175.8 mi^2
HUC8*	11140103	**Hydraulic height (ft)**	154 ft
Dam purpose	Water supply, flood control	**Date storage began**	1987

Table ES-2. —Summary of reservoir surveys

Survey date	Type of survey	Number of range lines or contour intervals	Contributing sediment drainage area (mi^2)	Period sedimentation volume below 609.9 ft (acre-feet)	Cumulative sedimentation (acre-feet)	Lowest elevation available for storage (ft)	Remaining portion of dead storage[1] (%)
1979[1]	Pre-reservoir contour map	Contour, 2 m	175.8	n/a	n/a	461.0	100
2022	Mulit-beam bathymetric	Digital surface, 3-ft cell	171.4	9554	9554	463.7	64

[1]Resurveyed Dead Storage / Original (recomputed in 2023) Dead Storage

Table ES-3. —Storage allocation

Storage Allocation	Top Elevation (ft)	Base Elevation (ft)	Year	Surface Area (acre)	Zonal Capacity (acre-feet)	Gross Capacity (acre-feet)
Surcharge	609.9	595.5	1987	7137	91391	290662
			2022	6985	89321	281091
			Change:	**152**	**2070**	**9571**
Flood Control	595.5	577.1	1987	5546	85345	199270
			2022	5408	82760	191770
			Change:	**138**	**2585**	**7501**
Active Conservation	577.1	515.1	1987	3806	107977	113925
			2022	3669	103509	109010
			Change:	**137**	**4468**	**4915**
Inactive	515.1	483.9	1987	370	5505	5948
			2022	379	5217	5500
			Change:	**-9**	**288**	**448**
Dead	483.9	463.8	1987	57	443	443
			2022	37	283	283
			Change:	**20**	**160**	**160**

Note: Original storage allocation data were surveyed in 1979 and re-calculated using ACAP V2.0, see section 2.5, Bradley, 2021.

1. Introduction

The Missouri Basin and Arkansas – Rio Grande – Texas Gulf Regional office (MBART) of the U.S. Bureau of Reclamation (Reclamation) requested a bathymetric survey to update the reservoir storage area and capacity data of McGee Creek Reservoir, located in Atoka County, Oklahoma (Figure 1). The Sedimentation and River Hydraulics Group from Reclamation's Technical Service Center conducted the survey of McGee Reservoir between May 16 and 21, 2022. McGee Reservoir began storing water in 1987, following the closure of McGee Creek Dam on McGee Creek. Only one known previous survey of McGee Creek exists: the original survey from photogrammetric techniques of aerial imagery from 1979, 8 years prior to dam completion (Reclamation, 1952). Quality, digital data for this survey was not found. The 1979 survey developed contour maps at 2-m (6.6 ft) intervals. The Oklahoma Water Resources Board contracted a single-beam bathymetric survey in 2001, however data for this effort was never incorporated into dam operations (personal communication, D. Lentz, April 2023).

All rivers transport sediment and debris. Dams hinder the transport of sediment and debris downstream, trapping this material in the upstream reservoir. Large dams, such as McGee Creek, which impounds McGee Creek Reservoir, typically have a high trap efficiency or ability to trap sediment and debris. The infilling of sediment and debris into reservoirs, or reservoir sedimentation, diminishes reservoir storage capacity through time. Reservoir surveys measure the current elevation of the reservoir bottom surface. Updated reservoir surface area and storage capacity can be calculated. Repeat surveys may help constrain sedimentation rates and inform how and when sediment may impact important dam structures. As reservoir capacity loss is due to the infilling of sediment and debris in the reservoir, we infer that the capacity loss volume directly represents the volume of sedimentation and therefore use these terms interchangeably throughout the report.

1.1 Reservoir site

McGee Creek Dam and Reservoir, located approximately 13 miles east of the town of Atoka, Oklahoma, are part of the McGee Creek Project (Figure 1). The McGee Creek Project provides a municipal and industrial water supply to the town of Atoka (McGee Creek Project). A dike was built in conjunction with the dam to fill a depression approximately 2.5 miles west of the dam. Both the dam and dike are earth-filled with a crest elevation of 613.5 ft. McGee Creek Dam was designed with an original storage capacity of 113,925 acre-feet at the top of the active conservation pool elevation of 577.1 ft (McGee Creek Dam). The spillway, located approximately 0.5 miles west of the dam is open and unlined with a crest elevation of 600 ft.

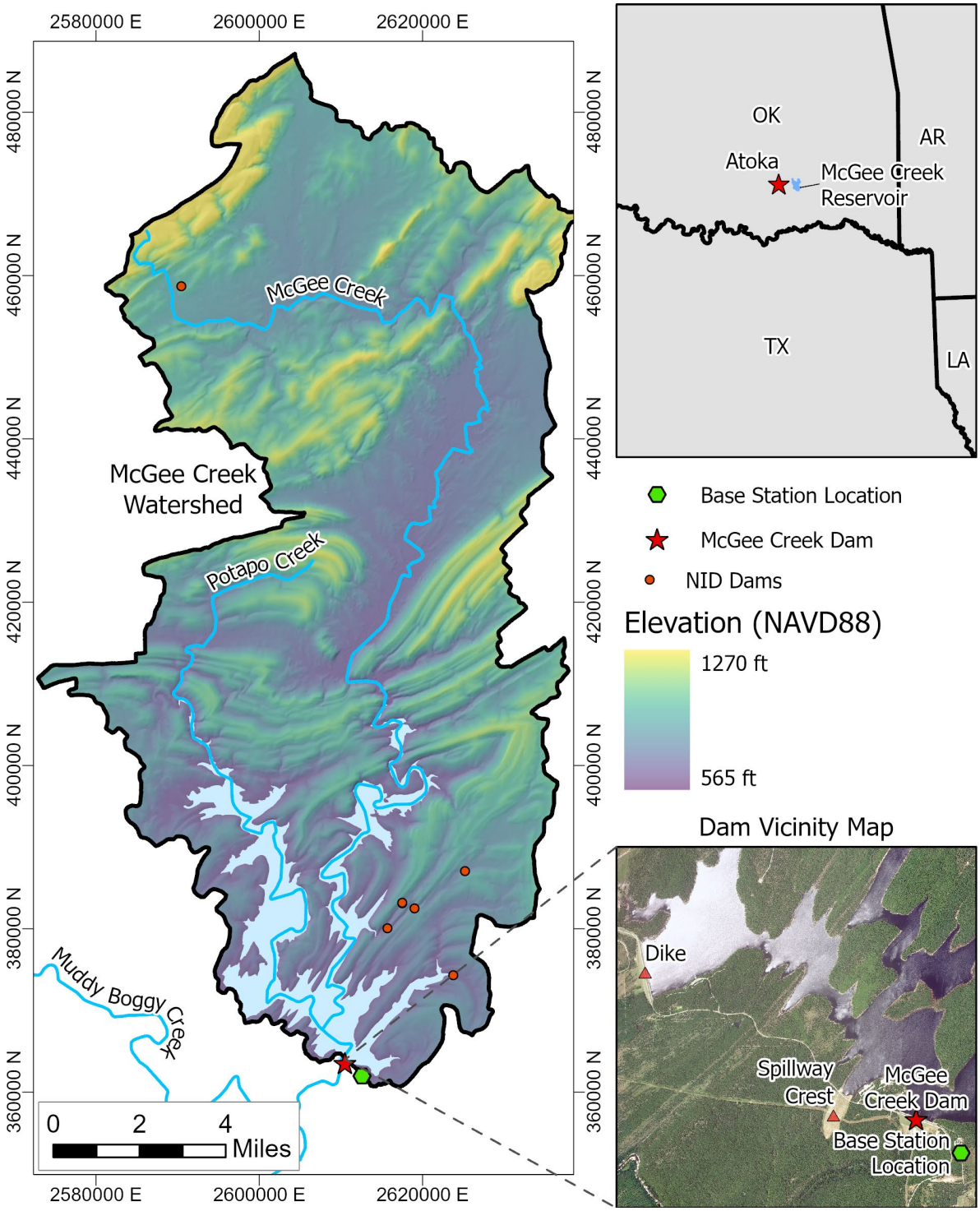

Figure 1. —Location map for McGee Creek Dam (red star) and contributing watershed. Potapo and McGee Creek centerlines (blue lines) flow from top to bottom into McGee Creek Reservoir. Watershed elevation (NAV88) and hillshade obtained from USGS 1-meter DEM (USGS, 2020). The McGee Creek Dam vicinity map highlights the location of the dam (red star), GPS base station location (green hex), spillway, and dike (red triangles).

1.2 McGee Creek Watershed

The watershed of McGee Creek Reservoir has a total drainage area of 175.8 mi^2 (USGS gage: 7333900; USGS, 2016). McGee Creek forms the eastern arm of the reservoir and Potapo Creek forms the western arm (Figure 1). A smaller Crooked Creek arm extends northeast from the dam. Downstream of the dam, McGee Creek flows south approximately 4.5 miles into Muddy Boggy Creek, a tributary to the Red River.

According to the National Inventory of Dams database (NID), there are six small, privately owned dams in the watershed: one is upstream off McGee Creek (NID: OK30173), three in-line on Mill Creek (NID: OK30181, OK30182, OK30184), one on Blue Creek (NID: OK30407), and one on Crooked Creek (NID: OK30181) (Figure 1, NID, 2023). The three dams on Mill Creek were completed in 2003 and OK30173 was completed in 2006. It is unknown when the other dams were completed. The total drainage area of these dams is 7.1 mi^2, or 4.1% of the total McGee Creek watershed area (USGS, 2019). These dams may trap a relatively small amount of sediment, thus decreasing the area of the watershed contributing sediment to McGee Creek Reservoir from 175.8 mi^2 to 171.4 mi^2.

The climate in the basin is classified as temperate with no dry season and hot summers (Cfa) in the Köppen-Geiger climate classification system (Beck, 2017). The average maximum temperature in Atoka, OK is 89 °F (NCEI). Runoff in the watershed is dominated by rainfall. Precipitation averages about 47 inches per year with the wettest months in the spring and fall (Hydromet, 2021). May is typically the wettest month of the year.

None of the streams in the basin are currently gaged. There was a gage upstream of the reservoir, but it's record of data ended in 1968 (USGS: 07333800; USGS, 2016). Reclamation estimates total inflow to the reservoir from reservoir water surface elevations, computed capacity, and discharge out of the reservoir (Hydromet, 2021). The estimated mean annual inflow to the reservoir is 164,064 acre-feet, based on 31 years of record (1990 – 2021). The estimated average monthly inflow is 13,773 acre-feet, with May averaging the largest inflow of 34,053 acre-feet, which is approximately 20% of the total annual inflow (Figure 2).

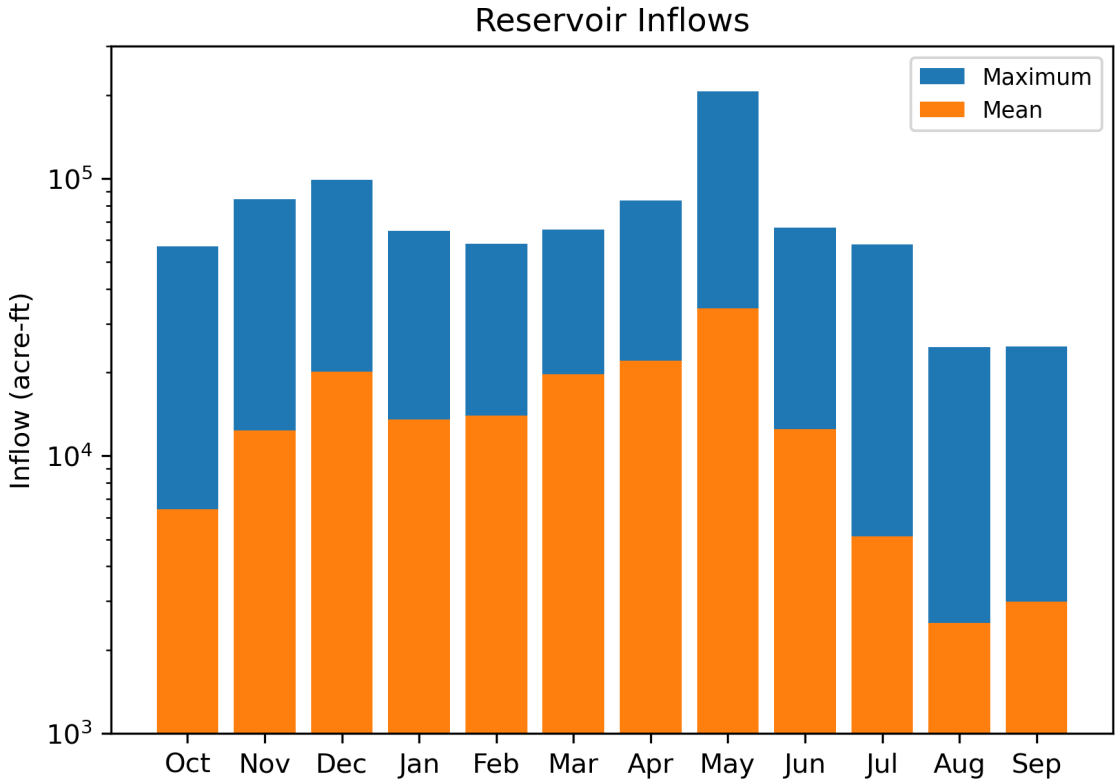

Figure 2. — Computed inflow for McGee Creek Reservoir. Source data from Reclamation's Hydromet database: https://www.usbr.gov/gp/hydromet/.

Approximately 1% of the basin is classified as woody wetlands by the USGS National Land Cover Database (NLCD) (Jin, et al., 2019). These wetlands, mostly along McGee Creek, have the potential to trap some sediment but due to their small size, the amount is probably negligible. It seems likely that the sediment contributing drainage area is very similar to the overall size of the drainage basin. According to NLCD land cover classifications, approximately 78% of the basin is forested and 8% is used as pasture or for hay production (Figure 3).

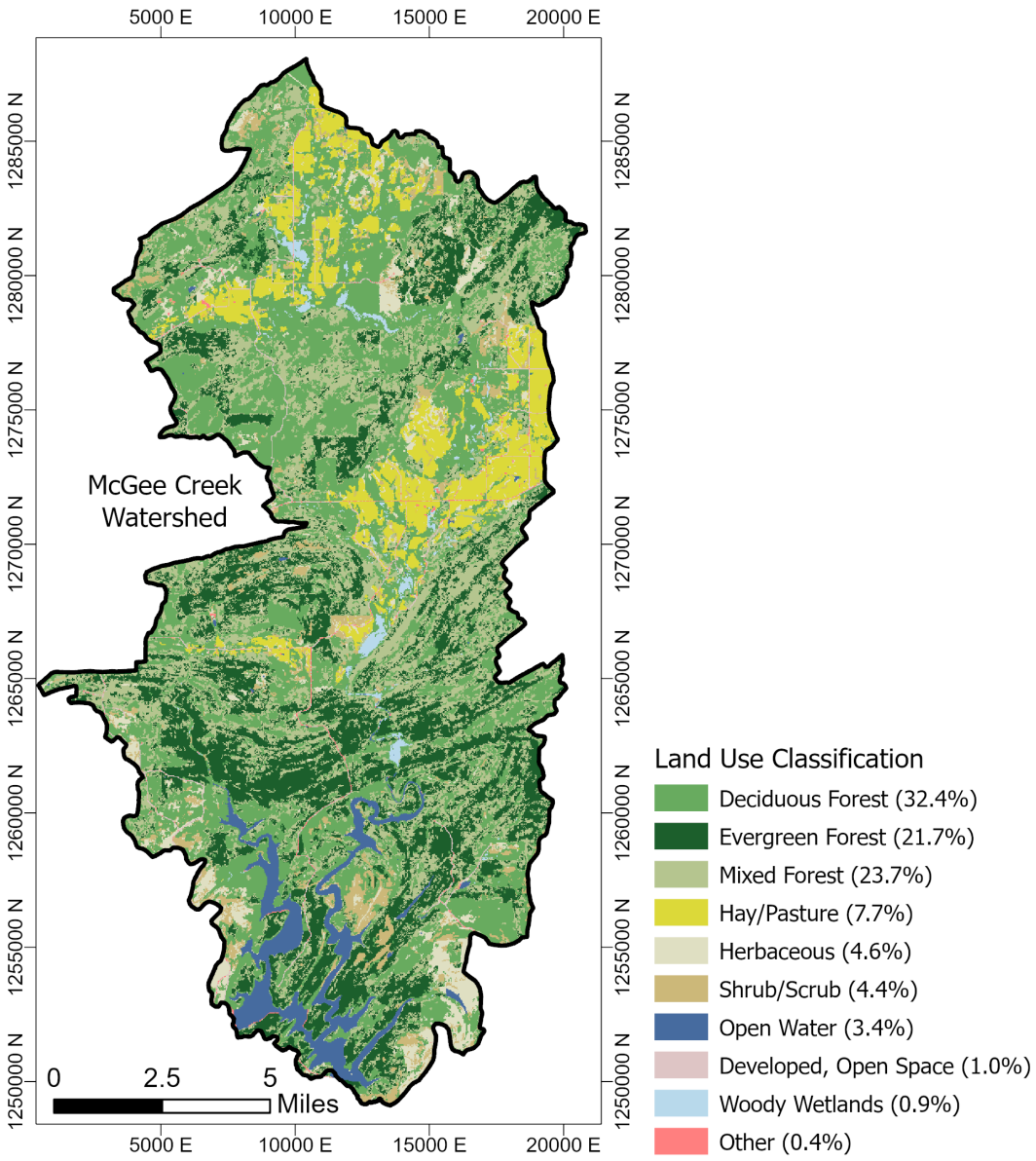

Figure 3. — Land cover in the McGee Creek watershed according to the National Land Cover Database [Jin, et al., 2019]. Other includes classifications for areas developed (low, medium, and high intensity), herbaceous wetlands, and barren land.

The surficial geology of the watershed is about 87% shale and sandstone of Mississippian to Pennsylvanian age (Figure 4). Quaternary alluvium in the stream valleys occupy about 5% of the basin area. Coarse grained Pleistocene terrace deposits along McGee Creek constitute about 4% of the watershed (Horton et al., 2017). These unconsolidated alluvium and terrace deposits are the most likely sources of mobilizable sediment.

McGee Creek Reservoir is typically operated within a narrow range of water surface elevations between 570 and 590 ft (Figure 5). Flood flows cause peaks in water surface elevations, typically occurring in the spring. Only twice has the water surface elevation gone above the top of the flood pool.

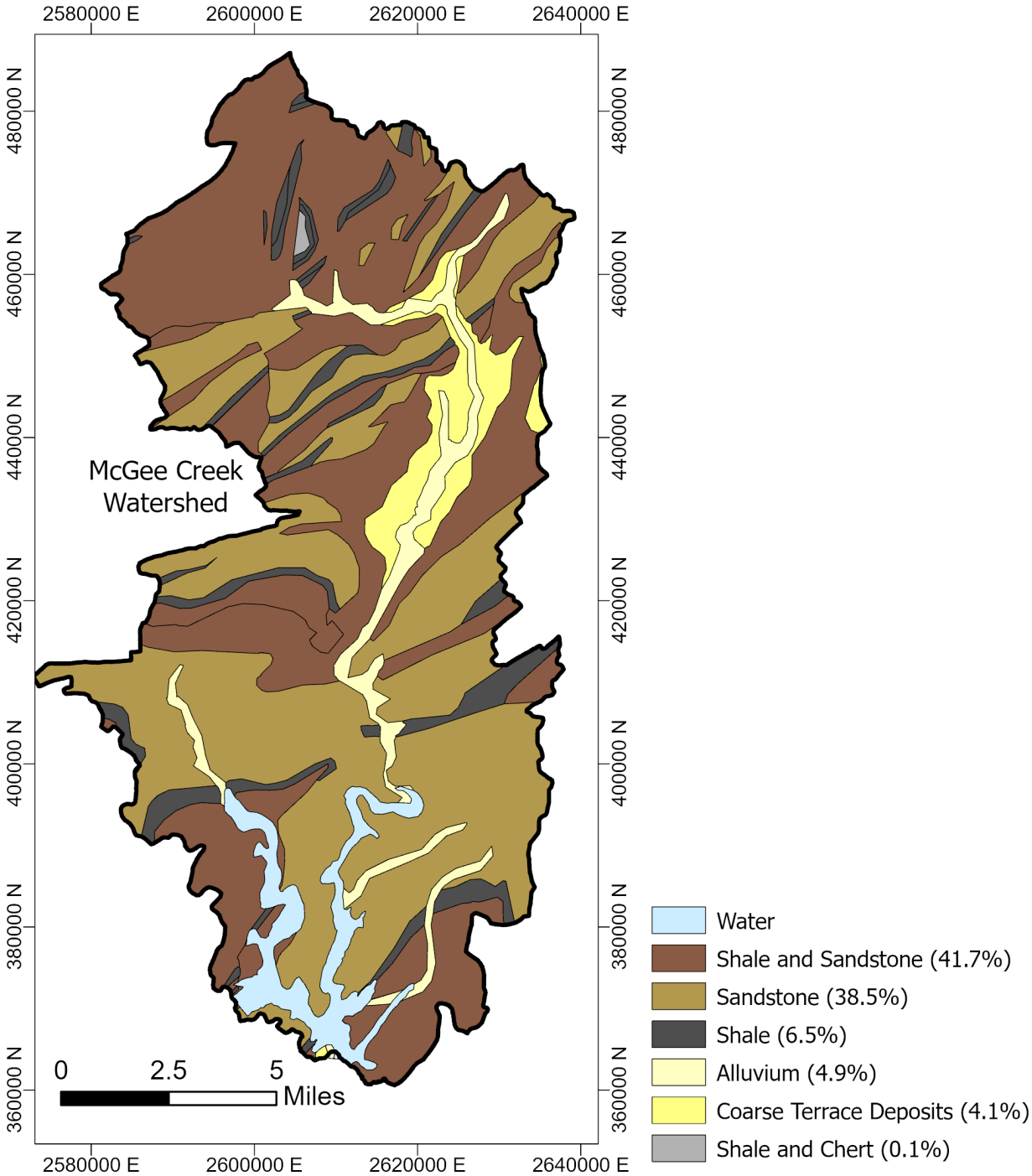

Figure 4. — Surficial geology of the McGee Creek Reservoir watershed (Horton et al., 2017).)

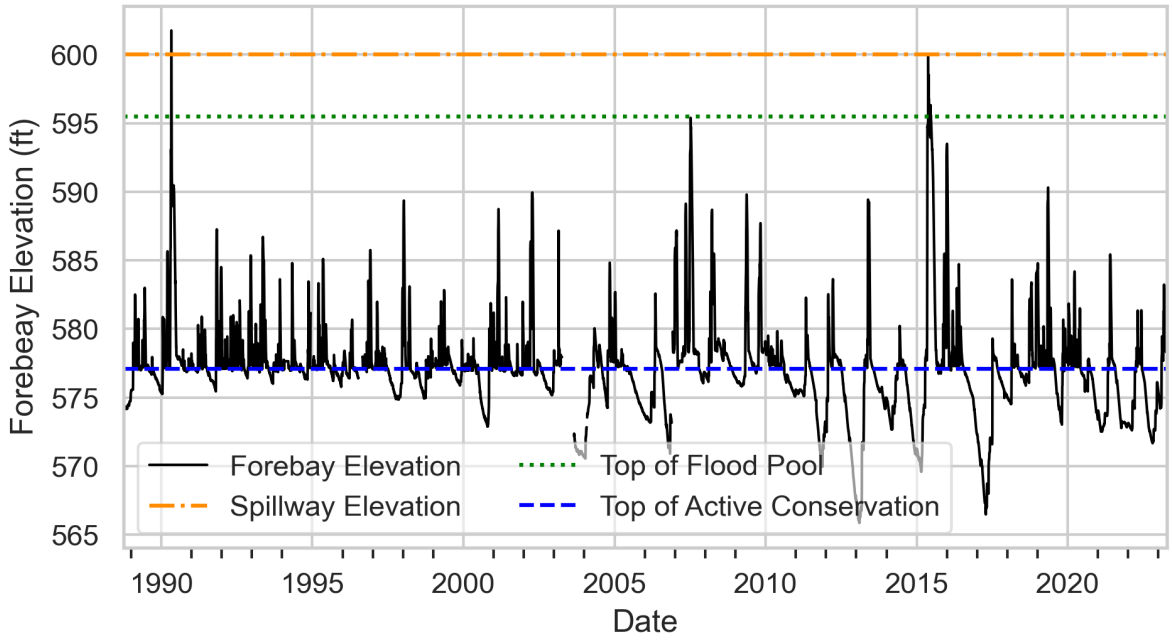

Figure 5. —Historic daily forebay water surface elevation gage readings (black, solid line) and references to the spillway elevation (orange dashed-dot line), top of the flood pool elevation (595.5 ft, green dotted line), and the top of active conservation pool elevation (577.1 ft, blue dashed line). Source data from Reclamation's Hydromet database: https://www.usbr.gov/gp/hydromet/.

2. Methods

2.1 Reservoir Survey Data Collection

A bathymetric survey of McGee Creek Reservoir was conducted May 16 to 21, 2022. Depths throughout the reservoir were measured using a vessel-mounted, Norbit iWBMS multibeam depth sounder. Three-dimensional (3-D), highly accurate measurements of position, velocity and orientation of the boat were continually collected using an Applanix's POS MV OceanMaster Inertial Navigation System (INS), which is integrated with the multibeam depth sounder. POS MV combines Global Navigation Satellite System (GNSS) position data, an inertial measurement unit, and Global Positioning System (GPS) Azimuth Measurement System (GAMS). A single base station setup was used to send radio corrections to the GPS rovers mounted on the boat (real-time kinematic GPS, RTK-GPS), when in range of the base radio. When the boat was out of range, differential GNSS position solutions were obtained. The speed of sound through water is continuously measured at the water surface and intermittently throughout the reservoir during the survey using a CastAway CTD (Figure 6).

Hydrographic survey software (HYPACK 2022) was used to collect and post-process the bathymetric data. During the 2022 survey, all bathymetry and Global Positioning System (GPS) control measurements were collected in North American Datum 1983 (NAD 1983) State Plane (horizontal) coordinates, Oklahoma South Zone, U.S. survey feet with vertical coordinates in the North American Vertical Datum 1988 (NAVD 1988), Geoid 18), US survey feet.

Boat paths were determined in the field such that overlapping coverage from the multibeam depth sounder was obtained near the dam and for much of the rest of the reservoir (Figure 6). Large stands of timber exist in much of the upstream extent of the reservoir that prevented multibeam depth sounder data collection. In total, there were 685 acres below the lidar data not surveyed (Figure 6).

The reservoir water surface elevation ranged from 577.5 to 577.65 during the measurement period. Aerial lidar was collected between winter 2016 and spring 2017 when the reservoir water surface elevation was approximately 570 ft (USGS, 2017). To capture the above-water topography, the bathymetric data was combined with the lidar data (Figure 6). The lidar vertical accuracy was reported as 9.2 cm at 95% confidence level and point spacing between 0.5 to 1 m (Quantum Spatial Inc., 2017).

2.2 GPS and Position Processing

A temporary base station was established on May 16, approximately 0.5 miles southeast of the dam, providing RTK corrections to much of the reservoir. The coordinates of this point were computed using the Online Positioning User Service (OPUS) developed by the National Geodetic Survey (NGS) (www.ngs.noaa.gov/OPUS/).

All motion data were post-processed using POSPac Mobile Mapping Software (MMS) to provide accurate solutions even when RTK-GPS radio connection was lost. Post-processing was completed using the single base solution by importing the OPUS-corrected base station coordinates. POS MV OceanMaster positional accuracies are published by the vendor as +/- 0.07 ft in the horizontal and +/-0.09 ft in the vertical (Applanix, 2023).

The difference between NAVD88 and RPVD was determined by comparing 40 measured water surface elevations collected over the course of the survey to the most relevant Hydromet gage readings (collected every 15 minutes). On average, NAVD88 was 0.5 ft higher than RPVD. Using the NGS Coordinate Conversion and Transformation Tool (NCAT), NAVD88 is 0.29 ft higher than NGVD29. Therefore, it can be assumed the difference between RPVD and NGVD29 is approximately -0.21 ft (RPVD is lower than NGVD29).

To ensure consistency with the lidar, flat and sloped hard surfaces (e.g., concrete or pavement) were measured in NAVD88, Geoid 18 using RTK-GPS at 40 different locations and were an average of 0.11 ft higher than the closest lidar point, which is within range of both lidar and GPS accuracies. Nine, previously surveyed rebar points along the crest of the dam, used for dam deflection measurements, were also measured in NAVD88, Geoid 18 using RTK-GPS. The coordinates provided were determined to be in a local vertical datum (not RPVD) and calculated to be 0.62 ft lower than NAVD88 (Personal communication, Smith Roberts Baldischwiler, LLC, February 1, 2022). Applying the 0.62 ft shift to the rebar coordinates, surveyed measurements match the provided elevations of the rebar points (average 0.04 ft difference).

2.3 Bathymetric and Lidar Data Processing

Over 650 million individual raw soundings were collected during the survey. The approximate raw sounding density over surveyed areas is approximately 5 points per square ft, based on cell size and ignoring overlapping data and areas in-between soundings. Raw sounding data were grouped by the day surveyed and imported and displayed as 3 ft x 3 ft cells for processing. The depth of each cell was determined by the median depth value of all the soundings within the cell. Raw soundings are processed to eliminate erroneous soundings. In total, 14,192,234 cells (one point per cell) were exported as LAS files, imported to ArcGIS, and converted to a multipoint feature.

The aerial lidar point cloud data (LASer file format (LAS)) were imported into ArcGIS Pro. Bare-earth returns only were used (eliminating water surface and vegetation returns). The LAS files were clipped to 190 m (623.4 ft) and thinned to 1.5 m point spacing. The LAS data were then converted to a multipoint feature.

To better estimate the topography in areas with no bathymetric or lidar data, interpolation points were created based on pre-reservoir, 1957 USGS 7.5-minute topographic maps with 20 ft contours, with elevations converted to NAVD88 (USGS, 1957). Contour lines were traced in ArcGIS Pro and points were created at 3 ft spacing along those lines. The elevation of the USGS contour map was assigned to each of those points. In areas following a channel feature, 3D polylines were created by tracing the historic channel location on the USGS contours. Most data from USGS contours were at elevation 540 ft or above.

Elevations were assigned by identifying the nearest known elevations at the downstream (bathymetric) and upstream (lidar) ends (bathymetric or lidar). 3D points were created at 3 ft spacing and linearly interpolated between the two end elevations. For smaller side-channels, a single line was used to estimate the channel elevations. For the larger McGee Creek, a trapezoidal channel was created by offsetting the centerline twice on both sides to create the toe and top of the banks. The estimated channel is 40 ft and 90 ft wide at the bottom and top of the channel, respectively. These dimensions were based on the portions of surveyed McGee Creek bathymetric data, adjacent to the start of the interpolated channel. All interpolation points were converted into multipoint features.

2.4 Surface Creation

The topobathymetric digital elevation model for McGee Creek reservoir incorporated four datasets: processed bathymetric survey points, lidar points, channel interpolation points, and contour interpolation points. All files were merged into a single multipoint feature. The multipoint feature was then interpolated into 3 ft raster using natural neighbors and clipped to the extent of the lidar (Figure 7). The final raster was shifted by -0.5 ft to obtain elevations in RPVD.

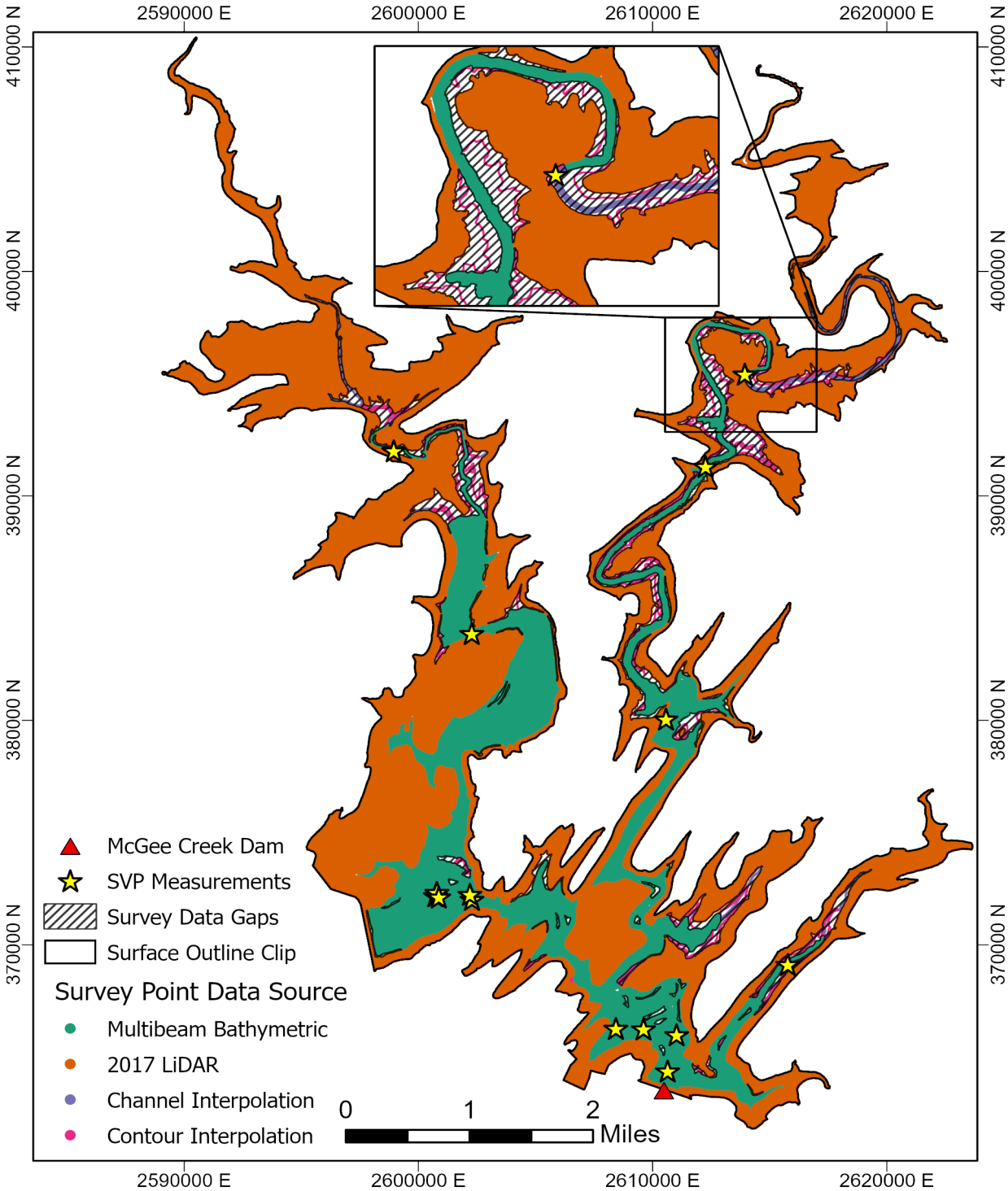

Figure 6. —Data points used in the 2022 surface creation colored by source. Areas with no data points (> 1 acre) are shown as grey hatch. Sound velocity profile (SVP) measurement locations shown as stars.

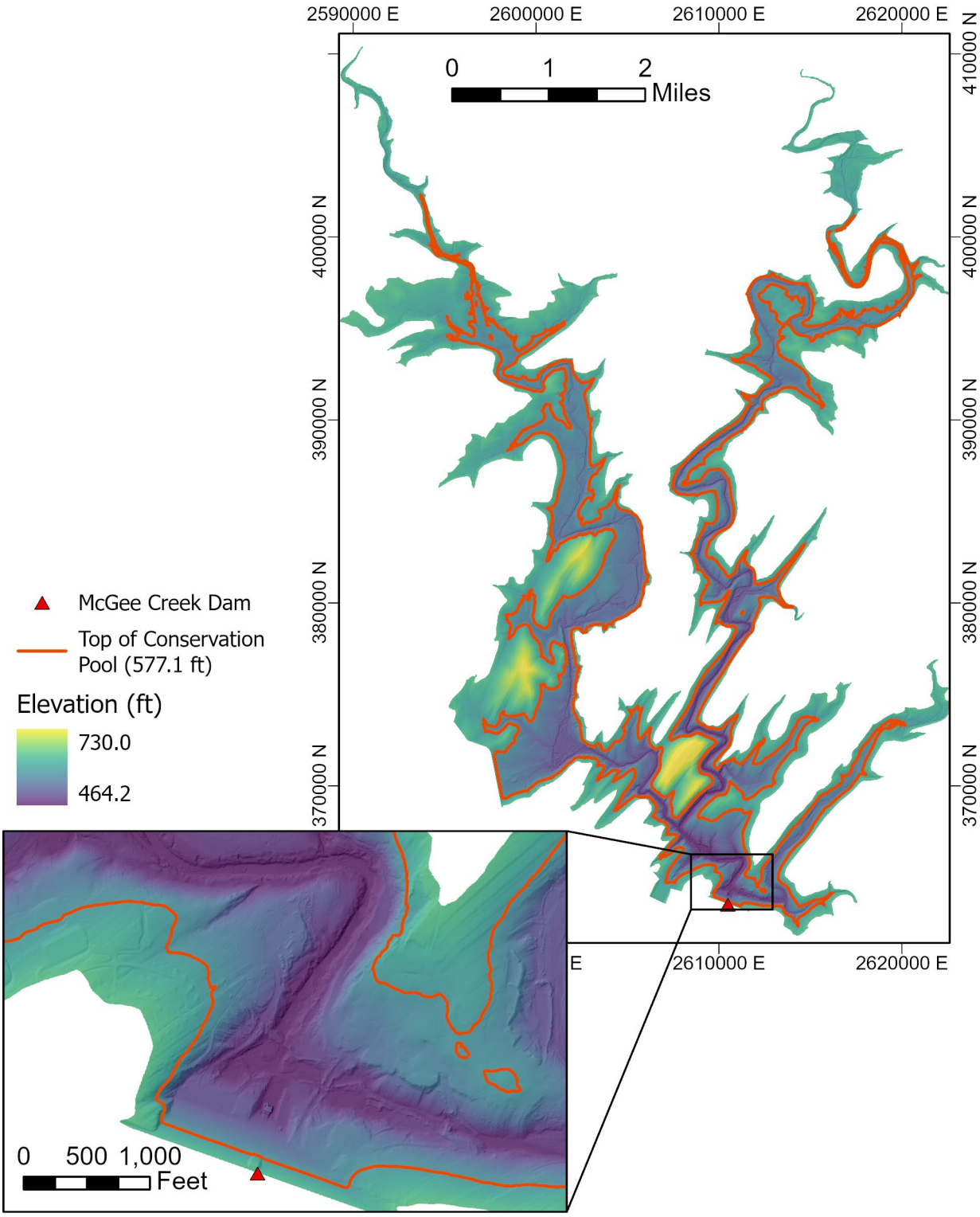

Figure 7. —Topobathymetric surface of McGee Creek Reservoir. Top of pool elevation is plotted (orange line) to show extent of typical water surface extent. The small-scale inset highlights the detail near the dam (red triangle).

2.5 Computation of Reservoir Surface Area, Storage Capacity, and Sedimentation Volume

The final topobathymetric surface was used to create a new surface area and storage capacity relation for McGee Creek. Horizontal surface areas were computed at 1-ft vertical increments using an ArcGIS tool (ACAP Toolset 2.0; Bradley, 2021). The tool interpolates the reservoir surface areas and capacities to 0.1- and 0.01-ft increments between each 1-ft interval following the method of Reclamation's Area-CAPacity (ACAP) Program Version 2.0 (Bradley, 2021). ACAP V2.0 is a replacement for the ACAP85 Program (Bureau of Reclamation [Reclamation] 1985). Since the original area and capacity tables were likely computed using ACAP85, the original areas and capacities at 1-ft elevation increments were entered into ACAP V2.0 and re-interpolated between each 1-ft interval. Using the same method to calculate areas and capacities provides a valid comparison between the original and 2022 surveys.

The reservoir storage capacity interpolates the reservoir storage capacity at the ith interpolation point between 1-ft intervals using equation 1:

$$V_i = V_b + A_b(y_i - y_b) + C(y_i - y_b)^m \tag{1}$$

where:

V_i = Storage capacity (acre-feet)

V_b = Storage capacity at elevation y_b (acre-feet)

A_b = Surface area at elevation y_b (acres)

y_i = Reservoir elevation

y_b = Reservoir elevation at bottom of elevation increment

C = Coefficient for nonlinear rate of increase in storage capacity

m = Exponent of nonlinearity in the increase in storage capacity

Area is then calculated as the derivative with respect to y_i of the volume equation 1:

$$A_i = A_b + Cm(y_i - y_b)^{m-1} \tag{2}$$

where:

A_i = Surface area (acres)
A_b = Area at elevation y_b

The coefficients C and m are chosen so that the surface areas (determined using Geographic Information System [GIS] software) and the corresponding storage capacities at the 1-ft intervals are not changed and there is a smooth transition in the interpolated values at the 0.01-ft intervals.

Enforcing that the storage volume (V_t) at the top of the elevation increment equals that from the GIS analysis, and then solving equation (1) for C, gives equation 3:

$$C = \frac{V_t - V_b - A_b \Delta y}{\Delta y^m} \tag{3}$$

where $\Delta y = y_t - y_b$, and y_t is the elevation at the top of the elevation increment. Enforcing that the surface area (A_t) at the top of the elevation increment equals that from the GIS analysis, and then substituting into equation 2, gives equation 4 to solve for m:

$$m = \frac{(A_t - A_b)\Delta y}{V_t - V_b - A_b \Delta y} \tag{4}$$

3. Results

During the 35-year period between when the dam was built and the May 2022 survey, total reservoir capacity reduced by 9,509 acre-feet at maximum water surface elevation of 609.9 ft (Table 1). This volume represents a 3% loss in total capacity from the original design. Generally, the surface areas and capacities measured in the 2022 survey are very similar within the dead pool and diverge at higher elevations (Figure 8, Figure 9). A full table of 1-ft increments with the calculated ACAP V2.0 coefficients is presented in Appendix A. Detailed contour maps of the reservoir surface are presented in Appendix B.

The total capacity loss within the dead pool is 160 acre-feet, approximately 36% of the original design. Approximately 52% of the total change in capacity occurs below the top of the active conservation pool, which accounts for almost 80% of the total depth of the reservoir. Only 448 acre-feet of sedimentation was computed below the top of inactive pool, which is 8% of the original design capacity below the top of the inactive pool.

Table 1. Historical summary of reservoir surface area and storage capacity data

Storage Allocation	Elevation (ft)	Reservoir surface area (acre)		Reservoir storage capacity (acre-feet)		Sedimentation volume (acre-feet)
		1987	2022	1987	2022	1987 - 2022
Max Elevation	**609.9**	**7137**	**6983**	**290,662**	**281,091**	**9571**
Spillway Crest	**600**	**6048**	**5914**	**225,349**	**217,246**	**8103**
Top of Flood Pool	**595.5**	**5546**	**5408**	**199,270**	**191,770**	**7501**
	590	4963	4842	170,409	163,614	6795
	580	4061	3898	125,332	119,960	5372
Top of Conservation Pool	**577.1**	**3806**	**3669**	**113,925**	**109,015**	**4910**
	570	3219	3049	89,001	85,107	3894
	560	2456	2400	60,718	57,832	2886
	550	1782	1703	39,610	37,673	1937
	540	1243	1187	24,549	23,285	1264
	530	806	757	14,452	13,740	712
	520	488	484	8018	7609	409
Top of Inactive	**515.1**	**370**	**379**	**5948**	**5500**	**448**
	510	282	278	4305	3837	468
	500	169	159	2114	1725	389
	490	86	72	875	591	284
Top of Dead Pool	**483.9**	**57**	**37**	**443**	**283**	**160**
	480	37	27	261	160	101
	470	11	5	36	9	27
	463	0	0	0	0	0

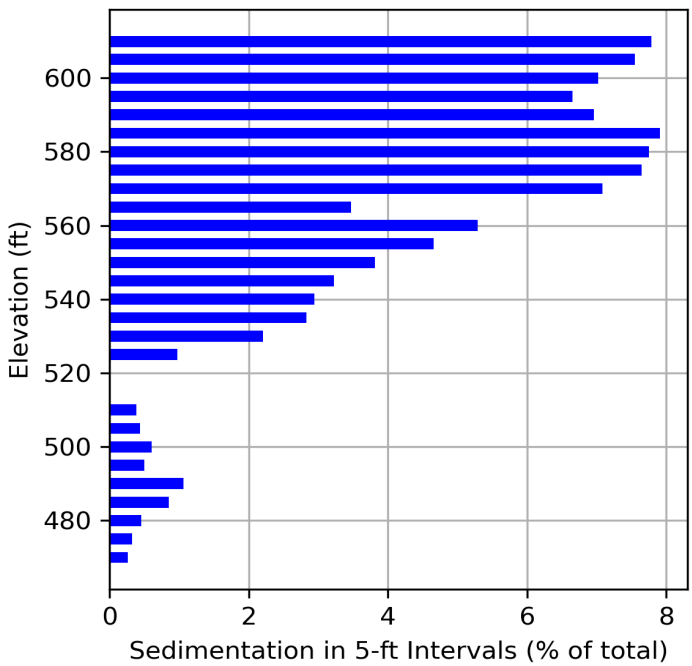

Figure 8. —The vertical distribution of sedimentation in 5-ft intervals shown as a percentage of the total sedimentation estimated below the maximum water surface elevation (609.9 ft).

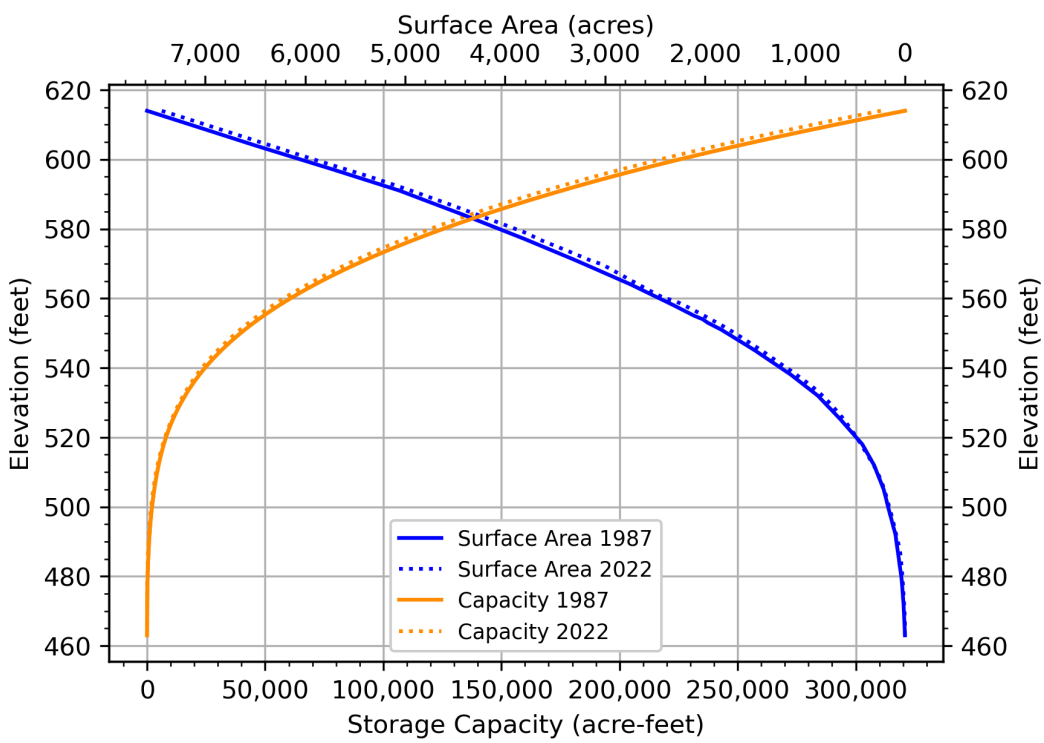

Figure 9. —Surface area (upper x-axis, blue lines) and storage capacity (lower x-axis, orange lines) curves plotted for the re-computed 1987 (solid lines) and 2022 (dashed lines) survey data.

Longitudinal profiles of the 2022 surface elevations were plotted and compared with the elevations extracted from the 20-ft contours from the 1957 USGS 7.5-minute topographic maps (Figure 10). The slope of the longitudinal profiles for both creeks is generally similar, except for a steep drop from Potapo Creek into McGee Creek. In general, the 1957 contours align well with the 2022 survey. The longitudinal profile for McGee Creek includes some segments where elevations were extracted from the interpolated channel created during surface development. These areas will show the constant slope of the interpolated channel (Figure 9). With no pre-reservoir digital surface available, it is difficult to infer trends in sedimentation over time. There are no clear signs of sedimentation in either profile.

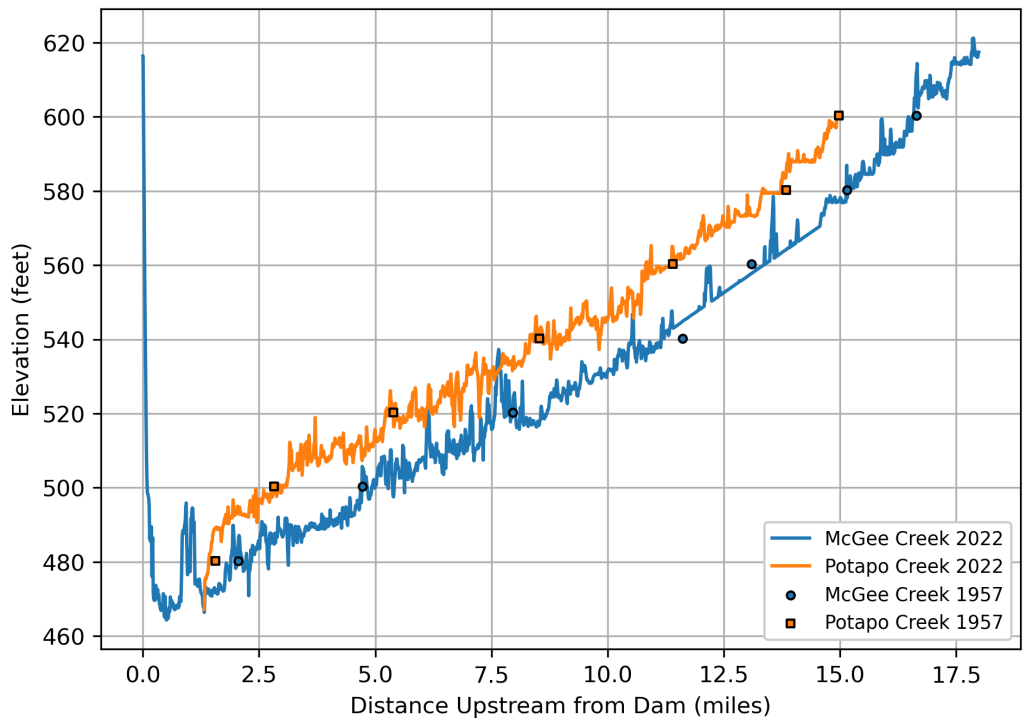

Figure 10. —Longitudinal profiles for McGee Creek (blue line) and Potapo Creek (orange line). Elevations extracted from the 2022 surface are plotted with point elevations from the 20-ft contours of the 1957 USGS quad maps. The slope of the McGee Creek longitudinal profile between elevations 545 and 570 ft is constant, showing areas where the values were extracted from the interpolated main channel.

4.Conclusions and Recommendations

The construction of McGee Creek Dam, completed in 1987, led to the creation of the McGee Creek Reservoir. In 2022, a bathymetric survey was conducted and combined with 2017 aerial lidar to create an updated topobathymetric surface of the reservoir. The topobathymetric surface was used in ACAP V2.0 (Bradley, 2021) to compute updated area and capacity tables for McGee Creek Reservoir.

After 35 years of operation, the reservoir lost approximately 9571 acre-feet (3% of total capacity) below the top of the surcharge pool (609.9 ft), or an annual loss of approximately 273 acre-ft per year. However, the original design assumed 6000 acre-ft of sedimentation within 100 years below 577.1 ft (Reclamation, 2018), of which 4915 acre-feet (140 acre-feet per year) has deposited, which is 81% of the assumed design sedimentation for this zone. If these trends continue, the reservoir may accumulate the designed 6000 acre-feet below elevation 577.1 ft by the year 2031. Of the 4915 acre-feet of capacity loss below the top of the conservation pool (577.1 ft) only 9% is below the top of the inactive pool and 3% is in the dead pool. The current capacity of the dead pool (elevation 483.9 ft) is 64% of the original capacity. Following the estimated rate of sedimentation, the dead pool may be expected to fill by the year 2084.

Some of the difference between the original area and capacity tables and the 2022 survey may be attributed to differences in survey techniques, interpolation between bathymetric and lidar data in the 2022 surface creation, or sedimentation within the reservoir. A resurvey using similar methods will help constrain estimates on sedimentation trends and inform the rate of storage loss. Based on current estimates of sedimentation rates, it is recommended to conduct a re-survey within the next 20 to 25 years. However, major changes to reservoir operations (considerable drawdowns) or watershed characteristics that might cause an increase in sediment flux into the reservoir (wildfire, forestry, etc.) should trigger consideration for re-survey. Future surveys should use the best methods available to develop highly accurate topobathymetric surfaces to compare to this study. Future surveys should consider the large areas of uncleared timber that limit boat access required for bathymetric survey.

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7. Appendix A

2022 Surface Areas and Storage Capacities from ACAP v2.0

The final topobathymetric surface was used to create a new surface area and storage capacity relation for McGee Creek. Horizontal surface areas were computed at 1-ft vertical increments using an ArcGIS tool (ACAP Toolset 2.0; Bradley, 2021). The tool interpolates the reservoir surface areas and capacities to 0.1- and 0.01-ft increments between each 1-ft interval following the method of Reclamation's Area-CAPacity (ACAP) Program Version 2.0 (Bradley, 2021). ACAP V2.0 is a replacement for the ACAP85 Program (Bureau of Reclamation [Reclamation] 1985). Since the original area and capacity tables were likely computed using ACAP85, the original areas and capacities at 1-ft elevation increments were entered into ACAP V2.0 and re-interpolated between each 1-ft interval. Using the same method to calculate areas and capacities provides a valid comparison between the original and 2022 surveys. The area and capacity

The reservoir storage capacity interpolates the reservoir storage capacity at the ith interpolation point between 1-ft intervals using equation 1:

$$V_i = V_b + A_b(y_i - y_b) + C(y_i - y_b)^m \tag{1}$$

where:

V_i = Storage capacity (acre-feet)
V_b = Storage capacity at elevation y_b (acre-feet)
A_b = Surface area at elevation y_b (acres)
y_i = Reservoir elevation
y_b = Reservoir elevation at bottom of elevation increment
C = Coefficient for nonlinear rate of increase in storage capacity
m = Exponent of nonlinearity in the increase in storage capacity

Area is then calculated as the derivative with respect to y_i of the volume equation 1:

$$A_i = A_b + Cm(y_i - y_b)^{m-1} \tag{2}$$

where:

A_i = Surface area (acres)
A_b = Area at elevation y_b

The coefficients C and m are chosen so that the surface areas (determined using Geographic Information System [GIS] software) and the corresponding storage capacities at the 1-ft intervals are not changed and there is a smooth transition in the interpolated values at the 0.01-ft intervals. Enforcing that the storage volume (V_t) at the top of the elevation increment equals that from the GIS analysis, and then solving equation (1) for C, gives equation 3:

$$C = \frac{V_t - V_b - A_b \Delta y}{\Delta y^m} \tag{3}$$

where $\Delta y = y_t - y_b$, and y_t is the elevation at the top of the elevation increment. Enforcing that the surface area (A_t) at the top of the elevation increment equals that from the GIS analysis, and then substituting into equation 2, gives equation 4 to solve for m:

$$m = \frac{(A_t - A_b)\Delta y}{V_t - V_b - A_b \Delta y} \tag{4}$$

Equation Number	Elevation Base (RPVD, ft)	Storage Capacity, V (acre-feet)	Surface Area, A (acre)	Rate Coefficient, C	Capacity Exponent, M
1	463	0	0	0.0000	2.0000
2	464	0	0	0.0710	2.5000
3	465	0.071	0.189	0.1460	1.9658
4	466	0.406	0.476	0.1340	2.4478
5	467	1.016	0.804	0.5010	2.3952
6	468	2.321	2.004	0.6750	1.9748
7	469	5	3.337	0.5660	2.3869
8	470	8.903	4.688	0.9190	1.9227
9	471	14.51	6.455	0.8990	2.3482
10	472	21.864	8.566	1.2790	1.9836
11	473	31.709	11.103	1.0900	1.9954
12	474	43.902	13.278	0.8460	1.9314
13	475	58.026	14.912	0.8000	2.1200
14	476	73.738	16.608	1.0470	2.2178
15	477	91.393	18.93	1.3770	2.0501
16	478	111.7	21.753	1.3350	1.9513
17	479	134.788	24.358	1.2420	2.0048
18	480	160.388	26.848	1.1610	1.9742
19	481	188.397	29.14	1.1150	2.0852
20	482	218.652	31.465	1.3230	2.0514
21	483	251.44	34.179	1.3990	2.0822
22	484	287.018	37.092	1.7060	2.0211
23	485	325.816	40.54	1.7740	2.1167
24	486	368.13	44.295	2.2400	2.0482
25	487	414.665	48.883	2.6460	2.1383
26	488	466.194	54.541	3.5890	2.1201
27	489	524.324	62.15	4.6650	2.0703
28	490	591.139	71.808	4.2470	1.9560
29	491	667.194	80.115	3.7910	2.0058
30	492	751.1	87.719	3.9240	2.0683
31	493	842.743	95.835	4.3640	2.0082
32	494	942.942	104.599	4.1540	1.9711
33	495	1051.695	112.787	3.8850	2.0270
34	496	1168.367	120.662	4.2560	2.0562
35	497	1293.285	129.413	4.8390	2.0157
36	498	1427.537	139.167	4.9360	1.9978
37	499	1571.64	149.028	4.7650	2.0088
38	500	1725.433	158.6	4.6770	2.0103

Equation Number	Elevation Base (RPVD, ft)	Storage Capacity, V (acre-feet)	Surface Area, A (acre)	Rate Coefficient, C	Capacity Exponent, M
39	501	1888.71	168.002	4.6800	2.0214
40	502	2061.392	177.462	4.7110	2.0076
41	503	2243.565	186.92	4.8500	2.0192
42	504	2435.335	196.713	5.1170	2.0401
43	505	2637.165	207.152	5.8580	2.0336
44	506	2850.175	219.065	6.4770	2.0122
45	507	3075.717	232.098	6.7660	2.0448
46	508	3314.581	245.933	7.5790	2.0379
47	509	3568.093	261.378	8.0520	2.0402
48	510	3837.523	277.806	8.5370	2.0322
49	511	4123.866	295.155	9.0970	2.0312
50	512	4428.118	313.633	9.7790	2.0715
51	513	4751.53	333.89	11.0390	2.0100
52	514	5096.459	356.078	10.2990	2.0100
53	515	5462.836	376.779	10.1620	2.0127
54	516	5849.777	397.232	10.3720	2.0240
55	517	6257.381	418.225	10.6860	1.9927
56	518	6686.292	439.519	10.8070	2.0236
57	519	7136.618	461.388	11.5130	2.0073
58	520	7609.519	484.498	11.8320	2.0288
59	521	8105.849	508.503	12.1550	1.9946
60	522	8626.507	532.747	11.9960	2.0312
61	523	9171.25	557.113	12.7450	2.0134
62	524	9741.108	582.774	12.8500	2.0121
63	525	10336.732	608.63	13.4000	2.0325
64	526	10958.762	635.866	14.4800	2.0112
65	527	11609.108	664.988	14.8720	2.0054
66	528	12288.968	694.812	15.3090	2.0072
67	529	12999.089	725.54	15.6010	2.0199
68	530	13740.23	757.053	16.9540	2.0237
69	531	14514.237	791.363	17.3390	2.0262
70	532	15322.939	826.495	18.1690	2.0222
71	533	16167.603	863.236	19.7900	2.0237
72	534	17050.629	903.286	20.8080	2.0358
73	535	17974.723	945.647	22.1750	2.0424
74	536	18942.545	990.937	24.2520	1.9743
75	537	19957.734	1038.817	22.6000	2.0006
76	538	21019.151	1084.03	23.9510	2.0230

Equation Number	Elevation Base (RPVD, ft)	Storage Capacity, V (acre-feet)	Surface Area, A (acre)	Rate Coefficient, C	Capacity Exponent, M
77	539	22127.132	1132.483	26.2590	2.0731
78	540	23285.874	1186.92	24.9790	1.9921
79	541	24497.773	1236.681	24.4100	1.9925
80	542	25758.864	1285.317	24.1470	2.0002
81	543	27068.328	1333.615	24.5060	2.0171
82	544	28426.449	1383.045	25.0740	2.0232
83	545	29834.568	1433.775	27.0220	2.0004
84	546	31295.365	1487.83	26.9890	2.0025
85	547	32810.184	1541.876	26.4310	1.9783
86	548	34378.491	1594.165	26.4880	2.0297
87	549	35999.144	1647.929	27.4390	2.0026
88	550	37674.512	1702.878	28.0450	2.0099
89	551	39405.435	1759.247	29.6040	1.9977
90	552	41194.286	1818.386	31.5340	2.0247
91	553	43044.206	1882.234	31.6020	1.9918
92	554	44958.042	1945.18	31.1390	2.0025
93	555	46934.361	2007.535	32.1830	2.0259
94	556	48974.079	2072.733	33.6120	1.9945
95	557	51080.424	2139.772	34.3980	2.0187
96	558	53254.594	2209.21	36.4860	2.0238
97	559	55500.29	2283.051	48.5820	2.4104
98	560	57831.923	2400.155	36.9850	1.9622
99	561	60269.063	2472.728	33.8080	1.9730
100	562	62775.599	2539.43	32.1570	1.9993
101	563	65347.186	2603.721	31.8670	1.9974
102	564	67982.774	2667.372	31.0750	1.9889
103	565	70681.221	2729.177	30.5240	2.0011
104	566	73440.922	2790.259	30.9840	2.0020
105	567	76262.165	2852.288	31.7640	2.0032
106	568	79146.217	2915.919	31.5980	2.0075
107	569	82093.734	2979.351	33.4710	2.0884
108	570	85106.556	3049.251	53.5780	1.9462
109	571	88209.385	3153.523	41.9550	1.9790
110	572	91404.863	3236.552	40.3690	1.9984
111	573	94681.784	3317.224	43.7130	2.0025
112	574	98042.721	3404.761	43.9800	2.0032
113	575	101491.462	3492.862	43.1760	1.9983
114	576	105027.5	3579.141	41.5620	1.9755

Equation Number	Elevation Base (RPVD, ft)	Storage Capacity, V (acre-feet)	Surface Area, A (acre)	Rate Coefficient, C	Capacity Exponent, M
115	577	108648.203	3661.246	35.3960	1.9727
116	578	112344.845	3731.072	37.2320	2.0405
117	579	116113.149	3807.043	45.2230	2.0166
118	580	119965.415	3898.241	45.4970	2.0121
119	581	123909.153	3989.785	46.7160	1.9966
120	582	127945.654	4083.058	46.8990	2.0031
121	583	132075.611	4177.001	46.9480	1.9819
122	584	136299.56	4270.045	46.8160	2.0244
123	585	140616.421	4364.817	46.8580	1.9937
124	586	145028.096	4458.239	46.3990	2.0020
125	587	149532.734	4551.13	47.5580	2.0540
126	588	154131.422	4648.813	48.1440	1.9973
127	589	158828.379	4744.972	48.0850	2.0166
128	590	163621.436	4841.94	48.9250	2.0025
129	591	168512.301	4939.913	49.9960	2.0230
130	592	173502.21	5041.056	50.9860	1.9981
131	593	178594.252	5142.932	51.7440	2.0068
132	594	183788.928	5246.772	52.5330	2.0196
133	595	189088.233	5352.868	55.6660	2.0063
134	596	194496.767	5464.549	56.2240	2.0000
135	597	200017.54	5576.996	56.3670	2.0088
136	598	205650.903	5690.228	56.5620	1.9812
137	599	211397.693	5802.287	55.9010	2.0007
138	600	217255.881	5914.129	55.2170	2.0002
139	601	223225.227	6024.573	53.8770	1.9768
140	602	229303.677	6131.077	52.9150	2.0106
141	603	235487.669	6237.467	54.4200	2.0028
142	604	241779.556	6346.462	53.6680	1.9999
143	605	248179.686	6453.792	54.2460	1.9988
144	606	254687.724	6562.218	54.4550	2.0047
145	607	261304.397	6671.385	54.4550	1.9994
146	608	268030.237	6780.263	54.0850	1.9979
147	609	274864.585	6888.319	53.5910	1.9966
148	610	281806.495	6995.32	53.4120	2.0062
149	611	288855.227	7102.476	54.2590	2.0023
150	612	296011.962	7211.121	55.5860	2.0096
151	613	303278.669	7322.827	57.1380	2.0151
152	614	310658.634	7437.966	nan	nan

Area Table at 1-Foot Increments

The area table is in acres with an elevation increment of one foot.

ELEV. FEET	0	1	2	3	4	5	6	7	8	9
460				0.	0.	0.	0.	1.	2.	3.
470	5.	6.	9.	11.	13.	15.	17.	19.	22.	24.
480	27.	29.	31.	34.	37.	41.	44.	49.	55.	62.
490	72.	80.	88.	96.	105.	113.	121.	129.	139.	149.
500	159.	168.	177.	187.	197.	207.	219.	232.	246.	261.
510	278.	295.	314.	334.	356.	377.	397.	418.	439.	461.
520	484.	508.	533.	557.	583.	609.	636.	665.	695.	726.
530	757.	791.	826.	863.	903.	946.	991.	1039.	1084.	1132.
540	1187.	1237.	1285.	1334.	1383.	1434.	1488.	1542.	1594.	1648.
550	1703.	1759.	1818.	1882.	1945.	2007.	2073.	2140.	2209.	2283.
560	2400.	2473.	2539.	2604.	2667.	2729.	2790.	2852.	2916.	2979.
570	3049.	3153.	3236.	3317.	3405.	3493.	3579.	3661.	3731.	3807.
580	3898.	3990.	4083.	4177.	4270.	4365.	4458.	4551.	4649.	4745.
590	4842.	4940.	5041.	5143.	5247.	5353.	5464.	5577.	5690.	5802.
600	5914.	6024.	6131.	6237.	6346.	6453.	6561.	6671.	6779.	6887.
610	6994.									

Capacity Table at 1-Foot Increments

The capacity table is in acre feet with an elevation increment of one foot

ELEV. FEET	0	1	2	3	4	5	6	7	8	9
460				0.	0.	0.	0.	1.	2.	5.
470	9.	15.	22.	32.	44.	58.	74.	91.	112.	135.
480	160.	188.	219.	251.	287.	326.	368.	415.	466.	524.
490	591.	667.	751.	843.	943.	1052.	1168.	1293.	1427.	1572.
500	1725.	1889.	2061.	2243.	2435.	2637.	2850.	3076.	3314.	3568.
510	3837.	4124.	4428.	4751.	5096.	5463.	5850.	6257.	6686.	7136.
520	7609.	8105.	8626.	9171.	9741.	10336.	10958.	11609.	12288.	12998.
530	13740.	14514.	15322.	16167.	17050.	17974.	18942.	19957.	21018.	22126.
540	23285.	24497.	25758.	27067.	28425.	29833.	31294.	32809.	34377.	35997.
550	37673.	39404.	41192.	43042.	44956.	46932.	48972.	51078.	53252.	55498.
560	57829.	60266.	62773.	65344.	67980.	70678.	73438.	76259.	79143.	82090.
570	85103.	88205.	91401.	94677.	98038.	101487.	105023.	108643.	112340.	116108.
580	119960.	123903.	127940.	132070.	136293.	140610.	145021.	149526.	154124.	158821.
590	163614.	168505.	173494.	178586.	183781.	189080.	194488.	200008.	205642.	211388.
600	217246.	223215.	229293.	235477.	241768.	248168.	254675.	261291.	268016.	274849.
610	281790.									

Area Table at 0.1-Foot Increments

The area table is in acre with an elevation increment of one-tenth of one foot.

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
463	0	0	0	0	0	0	0	0	0	0
464	0	0	0	0	0	0	0	0	0	0
465	0	0	0	0	0	0	0	0	0	0
466	0	0	1	1	1	1	1	1	1	1
467	1	1	1	1	1	1	1	2	2	2
468	2	2	2	2	3	3	3	3	3	3
469	3	3	3	4	4	4	4	4	4	5
470	5	5	5	5	5	6	6	6	6	6
471	6	7	7	7	7	7	8	8	8	8
472	9	9	9	9	10	10	10	10	11	11
473	11	11	12	12	12	12	12	13	13	13
474	13	13	14	14	14	14	14	14	15	15
475	15	15	15	15	16	16	16	16	16	16
476	17	17	17	17	17	18	18	18	18	19
477	19	19	19	20	20	20	21	21	21	21
478	22	22	22	23	23	23	23	24	24	24
479	24	25	25	25	25	26	26	26	26	27
480	27	27	27	28	28	28	28	28	29	29
481	29	29	30	30	30	30	30	31	31	31
482	31	32	32	32	32	33	33	33	34	34
483	34	34	35	35	35	36	36	36	36	37
484	37	37	38	38	38	39	39	39	40	40
485	41	41	41	42	42	42	43	43	43	44
486	44	45	45	46	46	47	47	47	48	48
487	49	49	50	50	51	51	52	53	53	54
488	55	55	56	57	57	58	59	60	60	61
489	62	63	64	65	66	67	68	69	70	71
490	72	73	74	74	75	76	77	78	79	79
491	80	81	82	82	83	84	85	85	86	87
492	88	88	89	90	91	92	92	93	94	95
493	96	97	98	98	99	100	101	102	103	104
494	105	105	106	107	108	109	110	110	111	112

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
495	113	114	114	115	116	117	117	118	119	120
496	121	121	122	123	124	125	126	127	128	128
497	129	130	131	132	133	134	135	136	137	138
498	139	140	141	142	143	144	145	146	147	148
499	149	150	151	152	153	154	155	156	157	158
500	159	160	160	161	162	163	164	165	166	167
501	168	169	170	171	172	173	174	175	176	176
502	177	178	179	180	181	182	183	184	185	186
503	187	188	189	190	191	192	193	194	195	196
504	197	198	199	200	201	202	203	204	205	206
505	207	208	209	211	212	213	214	215	217	218
506	219	220	222	223	224	226	227	228	229	231
507	232	233	235	236	237	239	240	242	243	244
508	246	247	249	250	252	253	255	257	258	260
509	261	263	264	266	268	269	271	273	274	276
510	278	279	281	283	285	286	288	290	292	293
511	295	297	299	300	302	304	306	308	310	312
512	314	315	317	319	321	323	325	327	330	332
513	334	336	338	340	343	345	347	349	352	354
514	356	358	360	362	364	366	368	370	373	375
515	377	379	381	383	385	387	389	391	393	395
516	397	399	401	403	405	408	410	412	414	416
517	418	420	423	425	427	429	431	433	435	437
518	439	442	444	446	448	450	452	455	457	459
519	461	464	466	468	471	473	475	478	480	482
520	484	487	489	491	494	496	499	501	504	506
521	508	511	513	516	518	521	523	525	528	530
522	533	535	537	540	542	545	547	550	552	555
523	557	560	562	565	567	570	572	575	578	580
524	583	585	588	590	593	596	598	601	603	606
525	609	611	614	616	619	622	625	627	630	633
526	636	639	642	644	647	650	653	656	659	662
527	665	668	671	674	677	680	683	686	689	692
528	695	698	701	704	707	710	713	716	719	722
529	726	729	732	735	738	741	744	747	751	754

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
530	757	760	764	767	770	774	777	781	784	788
531	791	795	798	802	805	809	812	816	819	823
532	826	830	834	837	841	845	848	852	856	859
533	863	867	871	875	879	883	887	891	895	899
534	903	907	911	915	920	924	928	933	937	941
535	946	950	954	959	963	968	972	977	981	986
536	991	996	1001	1006	1011	1015	1020	1025	1029	1034
537	1039	1043	1048	1052	1057	1061	1066	1070	1075	1079
538	1084	1089	1093	1098	1103	1108	1113	1118	1123	1127
539	1132	1137	1142	1147	1153	1158	1164	1170	1175	1181
540	1187	1192	1197	1202	1207	1212	1217	1222	1227	1232
541	1237	1242	1246	1251	1256	1261	1266	1271	1276	1280
542	1285	1290	1295	1300	1305	1309	1314	1319	1324	1329
543	1334	1338	1343	1348	1353	1358	1363	1368	1373	1378
544	1383	1388	1393	1398	1403	1408	1413	1418	1423	1429
545	1434	1439	1445	1450	1455	1461	1466	1472	1477	1482
546	1488	1493	1499	1504	1509	1515	1520	1526	1531	1536
547	1542	1547	1553	1558	1563	1568	1574	1579	1584	1589
548	1594	1599	1604	1610	1615	1620	1626	1631	1637	1642
549	1648	1653	1659	1664	1670	1675	1681	1686	1692	1697
550	1703	1708	1714	1720	1725	1731	1736	1742	1748	1753
551	1759	1765	1771	1777	1783	1789	1795	1801	1807	1812
552	1818	1824	1831	1837	1843	1850	1856	1863	1869	1876
553	1882	1889	1895	1901	1908	1914	1920	1926	1933	1939
554	1945	1951	1958	1964	1970	1976	1982	1989	1995	2001
555	2007	2014	2020	2026	2033	2039	2046	2053	2059	2066
556	2073	2079	2086	2093	2100	2106	2113	2120	2126	2133
557	2140	2146	2153	2160	2167	2174	2181	2188	2195	2202
558	2209	2216	2223	2231	2238	2245	2253	2260	2268	2275
559	2283	2287	2295	2304	2315	2327	2340	2354	2368	2384
560	2400	2408	2415	2423	2430	2437	2444	2452	2459	2466
561	2473	2480	2487	2493	2500	2507	2513	2520	2526	2533
562	2539	2546	2552	2559	2565	2571	2578	2584	2591	2597
563	2604	2610	2616	2623	2629	2635	2642	2648	2655	2661
564	2667	2674	2680	2686	2692	2698	2705	2711	2717	2723

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
565	2729	2735	2741	2747	2753	2760	2766	2772	2778	2784
566	2790	2796	2802	2809	2815	2821	2827	2834	2840	2846
567	2852	2858	2865	2871	2878	2884	2890	2897	2903	2909
568	2916	2922	2928	2935	2941	2947	2954	2960	2966	2973
569	2979	2985	2991	2998	3005	3012	3019	3027	3034	3042
570	3049	3061	3072	3082	3093	3103	3113	3124	3134	3143
571	3153	3162	3171	3179	3187	3196	3204	3212	3220	3228
572	3236	3245	3253	3261	3269	3277	3285	3293	3301	3309
573	3317	3326	3335	3343	3352	3361	3370	3378	3387	3396
574	3405	3413	3422	3431	3440	3449	3457	3466	3475	3484
575	3493	3501	3510	3519	3527	3536	3545	3553	3562	3570
576	3579	3588	3596	3604	3613	3621	3629	3637	3645	3653
577	3661	3669	3676	3683	3690	3697	3704	3710	3717	3724
578	3731	3738	3745	3753	3760	3768	3776	3783	3791	3799
579	3807	3816	3825	3834	3843	3852	3861	3870	3880	3889
580	3898	3907	3916	3925	3934	3943	3953	3962	3971	3980
581	3990	3999	4008	4018	4027	4036	4046	4055	4064	4074
582	4083	4092	4102	4111	4120	4130	4139	4149	4158	4167
583	4177	4187	4196	4205	4215	4224	4233	4242	4252	4261
584	4270	4279	4288	4297	4307	4316	4326	4336	4345	4355
585	4365	4374	4383	4393	4402	4412	4421	4430	4439	4449
586	4458	4467	4477	4486	4495	4504	4514	4523	4532	4542
587	4551	4560	4569	4578	4588	4598	4608	4618	4628	4638
588	4649	4658	4668	4678	4687	4697	4706	4716	4726	4735
589	4745	4754	4764	4773	4783	4793	4802	4812	4822	4832
590	4842	4851	4861	4871	4881	4891	4900	4910	4920	4930
591	4940	4949	4959	4969	4979	4989	5000	5010	5020	5030
592	5041	5051	5061	5071	5082	5092	5102	5112	5122	5133
593	5143	5153	5163	5174	5184	5194	5205	5215	5226	5236
594	5247	5257	5267	5278	5288	5299	5310	5320	5331	5342
595	5353	5364	5375	5386	5397	5408	5419	5431	5442	5453
596	5464	5476	5487	5498	5509	5521	5532	5543	5554	5565
597	5577	5588	5599	5610	5622	5633	5644	5656	5667	5679
598	5690	5702	5713	5724	5736	5747	5758	5769	5780	5791
599	5802	5813	5824	5836	5847	5858	5869	5880	5891	5903

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
600	5914	5925	5936	5947	5958	5969	5980	5991	6002	6013
601	6024	6036	6046	6057	6068	6078	6089	6099	6110	6120
602	6131	6141	6152	6162	6173	6184	6194	6205	6216	6226
603	6237	6248	6259	6270	6281	6291	6302	6313	6324	6335
604	6346	6357	6367	6378	6389	6400	6410	6421	6432	6442
605	6453	6464	6475	6486	6497	6507	6518	6529	6540	6551
606	6561	6572	6583	6594	6605	6616	6627	6638	6649	6660
607	6671	6681	6692	6703	6714	6725	6736	6747	6758	6768
608	6779	6790	6801	6812	6822	6833	6844	6855	6866	6876
609	6887	6898	6909	6919	6930	6941	6951	6962	6973	6983
610	6994									

Capacity Table at 0.1-Foot increments

The capacity table is in acre-feet with an elevation increment of one-tenth of a foot.

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
463	0	0	0	0	0	0	0	0	0	0
464	0	0	0	0	0	0	0	0	0	0
465	0	0	0	0	0	0	0	0	0	0
466	0	0	1	1	1	1	1	1	1	1
467	1	1	1	1	1	2	2	2	2	2
468	2	3	3	3	3	3	4	4	4	5
469	5	5	6	6	6	7	7	8	8	8
470	9	9	10	10	11	11	12	13	13	14
471	15	15	16	16	17	18	19	19	20	21
472	22	23	24	25	25	26	27	28	30	31
473	32	33	34	35	36	38	39	40	41	43
474	44	45	47	48	49	51	52	54	55	57
475	58	60	61	63	64	66	67	69	70	72
476	74	75	77	79	81	82	84	86	88	90
477	91	93	95	97	99	101	103	105	107	110
478	112	114	116	118	121	123	125	128	130	132
479	135	137	140	142	145	147	150	152	155	158
480	160	163	166	169	171	174	177	180	183	185
481	188	191	194	197	200	203	206	209	212	216
482	219	222	225	228	231	235	238	241	245	248
483	251	255	258	262	265	269	272	276	280	283
484	287	291	294	298	302	306	310	314	318	322
485	326	330	334	338	342	346	351	355	359	364
486	368	373	377	382	386	391	395	400	405	410
487	415	420	425	430	435	440	445	450	455	461
488	466	472	477	483	489	494	500	506	512	518
489	524	531	537	543	550	556	563	570	577	584
490	591	598	606	613	621	628	636	643	651	659
491	667	675	683	692	700	708	717	725	734	742
492	751	760	769	778	787	796	805	814	824	833
493	843	852	862	872	882	892	902	912	922	932
494	943	953	964	975	985	996	1007	1018	1029	1040

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
495	1052	1063	1074	1086	1097	1109	1121	1132	1144	1156
496	1168	1180	1193	1205	1217	1230	1242	1255	1268	1280
497	1293	1306	1319	1332	1346	1359	1373	1386	1400	1414
498	1427	1441	1456	1470	1484	1498	1513	1527	1542	1557
499	1572	1587	1602	1617	1632	1647	1663	1678	1694	1710
500	1725	1741	1757	1773	1790	1806	1822	1839	1855	1872
501	1889	1905	1922	1939	1957	1974	1991	2008	2026	2044
502	2061	2079	2097	2115	2133	2151	2169	2188	2206	2225
503	2243	2262	2281	2300	2319	2338	2357	2377	2396	2416
504	2435	2455	2475	2495	2515	2535	2555	2575	2596	2616
505	2637	2658	2679	2700	2721	2742	2763	2785	2806	2828
506	2850	2872	2894	2916	2939	2961	2984	3007	3029	3052
507	3076	3099	3122	3146	3169	3193	3217	3241	3266	3290
508	3314	3339	3364	3389	3414	3439	3465	3490	3516	3542
509	3568	3594	3621	3647	3674	3701	3728	3755	3782	3810
510	3837	3865	3893	3921	3950	3978	4007	4036	4065	4094
511	4124	4153	4183	4213	4243	4273	4304	4335	4366	4397
512	4428	4459	4491	4523	4555	4587	4619	4652	4685	4718
513	4751	4785	4819	4852	4887	4921	4956	4990	5025	5061
514	5096	5132	5168	5204	5240	5277	5314	5350	5388	5425
515	5463	5500	5538	5577	5615	5653	5692	5731	5770	5810
516	5850	5889	5929	5970	6010	6051	6092	6133	6174	6215
517	6257	6299	6341	6384	6426	6469	6512	6555	6599	6642
518	6686	6730	6774	6819	6863	6908	6954	6999	7044	7090
519	7136	7183	7229	7276	7323	7370	7417	7465	7513	7561
520	7609	7658	7707	7756	7805	7854	7904	7954	8004	8055
521	8105	8156	8208	8259	8311	8363	8415	8467	8520	8573
522	8626	8679	8733	8787	8841	8895	8950	9005	9060	9115
523	9171	9227	9283	9339	9396	9453	9510	9567	9625	9683
524	9741	9799	9858	9917	9976	10035	10095	10155	10215	10276
525	10336	10397	10458	10520	10582	10644	10706	10769	10832	10895
526	10958	11022	11086	11150	11215	11280	11345	11410	11476	11542
527	11609	11675	11742	11809	11877	11945	12013	12081	12150	12219
528	12288	12358	12428	12498	12569	12640	12711	12782	12854	12926
529	12998	13071	13144	13218	13291	13365	13439	13514	13589	13664

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
530	13740	13815	13892	13968	14045	14122	14200	14278	14356	14435
531	14514	14593	14673	14752	14833	14913	14995	15076	15158	15240
532	15322	15405	15488	15572	15656	15740	15825	15910	15995	16081
533	16167	16253	16340	16428	16515	16603	16692	16781	16870	16960
534	17050	17140	17231	17323	17414	17507	17599	17692	17786	17880
535	17974	18069	18164	18259	18356	18452	18549	18647	18744	18843
536	18942	19041	19141	19241	19342	19443	19545	19647	19750	19853
537	19957	20061	20165	20270	20376	20482	20588	20695	20802	20910
538	21018	21127	21236	21345	21456	21566	21677	21789	21901	22013
539	22126	22240	22354	22468	22583	22699	22815	22931	23049	23166
540	23285	23404	23523	23643	23764	23885	24006	24128	24250	24373
541	24497	24621	24745	24870	24995	25121	25247	25374	25502	25629
542	25758	25886	26016	26145	26276	26406	26538	26669	26801	26934
543	27067	27201	27335	27469	27604	27740	27876	28013	28150	28287
544	28425	28564	28703	28842	28982	29123	29264	29405	29547	29690
545	29833	29977	30121	30266	30411	30557	30703	30850	30997	31145
546	31294	31443	31593	31743	31893	32045	32196	32349	32501	32655
547	32809	32963	33118	33274	33430	33586	33743	33901	34059	34218
548	34377	34537	34697	34857	35019	35180	35343	35506	35669	35833
549	35997	36163	36328	36494	36661	36828	36996	37164	37333	37503
550	37673	37843	38014	38186	38358	38531	38705	38878	39053	39228
551	39404	39580	39757	39934	40112	40291	40470	40650	40830	41011
552	41192	41375	41557	41741	41925	42109	42295	42481	42667	42854
553	43042	43231	43420	43610	43800	43991	44183	44375	44568	44762
554	44956	45151	45346	45542	45739	45936	46134	46333	46532	46732
555	46932	47133	47335	47537	47740	47944	48148	48353	48559	48765
556	48972	49179	49388	49597	49806	50017	50228	50439	50651	50864
557	51078	51292	51507	51723	51939	52156	52374	52593	52812	53032
558	53252	53473	53695	53918	54142	54366	54591	54816	55043	55270
559	55498	55726	55955	56185	56416	56648	56882	57116	57352	57590
560	57829	58070	58311	58553	58795	59039	59283	59528	59773	60019
561	60266	60514	60762	61011	61261	61511	61762	62014	62266	62519
562	62773	63027	63282	63537	63794	64050	64308	64566	64825	65084
563	65344	65605	65866	66128	66391	66654	66918	67182	67447	67713
564	67980	68247	68514	68783	69052	69321	69591	69862	70133	70405

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
565	70678	70951	71225	71499	71774	72050	72326	72603	72881	73159
566	73438	73717	73997	74277	74559	74840	75123	75406	75689	75974
567	76259	76544	76830	77117	77405	77693	77981	78271	78561	78851
568	79143	79434	79727	80020	80314	80608	80903	81199	81495	81792
569	82090	82388	82687	82986	83287	83587	83889	84191	84494	84798
570	85103	85408	85715	86023	86331	86641	86952	87264	87577	87891
571	88205	88521	88838	89155	89474	89793	90113	90433	90755	91077
572	91401	91725	92050	92375	92702	93029	93357	93686	94016	94346
573	94677	95010	95343	95676	96011	96347	96683	97021	97359	97698
574	98038	98379	98721	99064	99407	99752	100097	100443	100790	101138
575	101487	101837	102187	102539	102891	103244	103598	103953	104309	104665
576	105023	105381	105740	106100	106461	106823	107185	107549	107913	108278
577	108643	109010	109377	109745	110113	110483	110853	111224	111595	111967
578	112340	112713	113087	113462	113838	114214	114591	114969	115348	115728
579	116108	116489	116871	117254	117638	118022	118408	118795	119182	119571
580	119960	120350	120741	121133	121526	121920	122315	122711	123107	123505
581	123903	124303	124703	125105	125507	125910	126314	126719	127125	127532
582	127940	128349	128758	129169	129580	129993	130406	130821	131236	131652
583	132070	132488	132907	133327	133748	134170	134593	135016	135441	135867
584	136293	136721	137149	137578	138009	138440	138872	139305	139739	140174
585	140610	141047	141485	141924	142363	142804	143246	143688	144132	144576
586	145021	145468	145915	146363	146812	147262	147713	148165	148618	149071
587	149526	149981	150438	150895	151354	151813	152273	152734	153197	153660
588	154124	154590	155056	155523	155992	156461	156931	157402	157874	158347
589	158821	159296	159772	160249	160727	161205	161685	162166	162648	163130
590	163614	164099	164584	165071	165558	166047	166537	167027	167519	168011
591	168505	168999	169494	169991	170488	170987	171486	171987	172488	172991
592	173494	173999	174504	175011	175519	176027	176537	177048	177560	178072
593	178586	179101	179617	180134	180651	181170	181690	182211	182733	183256
594	183781	184306	184832	185359	185887	186417	186947	187479	188011	188545
595	189080	189615	190152	190690	191229	191770	192311	192854	193397	193942
596	194488	195035	195583	196132	196683	197234	197787	198340	198895	199451
597	200008	200567	201126	201686	202248	202811	203375	203940	204506	205073
598	205642	206211	206782	207354	207927	208501	209076	209652	210230	210808
599	211388	211969	212551	213134	213718	214303	214889	215477	216065	216655

ELEV. FEET	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
600	217246	217838	218431	219025	219620	220217	220814	221413	222012	222613
601	223215	223818	224422	225027	225634	226241	226849	227459	228069	228681
602	229293	229907	230521	231137	231754	232372	232991	233610	234232	234854
603	235477	236101	236726	237353	237980	238609	239239	239869	240501	241134
604	241768	242403	243040	243677	244315	244955	245595	246237	246879	247523
605	248168	248814	249461	250109	250758	251408	252059	252712	253365	254020
606	254675	255332	255990	256648	257308	257969	258632	259295	259959	260625
607	261291	261959	262627	263297	263968	264640	265313	265987	266662	267339
608	268016	268694	269374	270055	270736	271419	272103	272788	273474	274161
609	274849	275538	276229	276920	277613	278306	279001	279696	280393	281091
610	281790									

Area Table at 0.01-Foot Increments

The area table is in acres with an elevation increment of one-hundredth of one foot.

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
463.0	0	0	0	0	0	0	0	0	0	0
463.1	0	0	0	0	0	0	0	0	0	0
463.2	0	0	0	0	0	0	0	0	0	0
463.3	0	0	0	0	0	0	0	0	0	0
463.4	0	0	0	0	0	0	0	0	0	0
463.5	0	0	0	0	0	0	0	0	0	0
463.6	0	0	0	0	0	0	0	0	0	0
463.7	0	0	0	0	0	0	0	0	0	0
463.8	0	0	0	0	0	0	0	0	0	0
463.9	0	0	0	0	0	0	0	0	0	0
464.0	0	0	0	0	0	0	0	0	0	0
464.1	0	0	0	0	0	0	0	0	0	0
464.2	0	0	0	0	0	0	0	0	0	0
464.3	0	0	0	0	0	0	0	0	0	0
464.4	0	0	0	0	0	0	0	0	0	0
464.5	0	0	0	0	0	0	0	0	0	0
464.6	0	0	0	0	0	0	0	0	0	0
464.7	0	0	0	0	0	0	0	0	0	0
464.8	0	0	0	0	0	0	0	0	0	0
464.9	0	0	0	0	0	0	0	0	0	0
465.0	0	0	0	0	0	0	0	0	0	0
465.1	0	0	0	0	0	0	0	0	0	0
465.2	0	0	0	0	0	0	0	0	0	0
465.3	0	0	0	0	0	0	0	0	0	0
465.4	0	0	0	0	0	0	0	0	0	0
465.5	0	0	0	0	0	0	0	0	0	0
465.6	0	0	0	0	0	0	0	0	0	0
465.7	0	0	0	0	0	0	0	0	0	0
465.8	0	0	0	0	0	0	0	0	0	0
465.9	0	0	0	0	0	0	0	0	0	0

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
466.0	0	0	0	0	0	0	0	0	0	0
466.1	0	0	0	0	0	0	0	1	1	1
466.2	1	1	1	1	1	1	1	1	1	1
466.3	1	1	1	1	1	1	1	1	1	1
466.4	1	1	1	1	1	1	1	1	1	1
466.5	1	1	1	1	1	1	1	1	1	1
466.6	1	1	1	1	1	1	1	1	1	1
466.7	1	1	1	1	1	1	1	1	1	1
466.8	1	1	1	1	1	1	1	1	1	1
466.9	1	1	1	1	1	1	1	1	1	1
467.0	1	1	1	1	1	1	1	1	1	1
467.1	1	1	1	1	1	1	1	1	1	1
467.2	1	1	1	1	1	1	1	1	1	1
467.3	1	1	1	1	1	1	1	1	1	1
467.4	1	1	1	1	1	1	1	1	1	1
467.5	1	1	1	1	1	1	1	1	1	1
467.6	1	1	1	1	1	1	1	1	2	2
467.7	2	2	2	2	2	2	2	2	2	2
467.8	2	2	2	2	2	2	2	2	2	2
467.9	2	2	2	2	2	2	2	2	2	2
468.0	2	2	2	2	2	2	2	2	2	2
468.1	2	2	2	2	2	2	2	2	2	2
468.2	2	2	2	2	2	2	2	2	2	2
468.3	2	2	2	2	2	2	2	3	3	3
468.4	3	3	3	3	3	3	3	3	3	3
468.5	3	3	3	3	3	3	3	3	3	3
468.6	3	3	3	3	3	3	3	3	3	3
468.7	3	3	3	3	3	3	3	3	3	3
468.8	3	3	3	3	3	3	3	3	3	3
468.9	3	3	3	3	3	3	3	3	3	3
469.0	3	3	3	3	3	3	3	3	3	3
469.1	3	3	3	3	3	3	3	3	3	3
469.2	3	3	4	4	4	4	4	4	4	4
469.3	4	4	4	4	4	4	4	4	4	4
469.4	4	4	4	4	4	4	4	4	4	4

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
469.5	4	4	4	4	4	4	4	4	4	4
469.6	4	4	4	4	4	4	4	4	4	4
469.7	4	4	4	4	4	4	4	4	4	4
469.8	4	4	4	4	4	4	4	4	4	4
469.9	5	5	5	5	5	5	5	5	5	5
470.0	5	5	5	5	5	5	5	5	5	5
470.1	5	5	5	5	5	5	5	5	5	5
470.2	5	5	5	5	5	5	5	5	5	5
470.3	5	5	5	5	5	5	5	5	5	5
470.4	5	5	5	5	6	6	6	6	6	6
470.5	6	6	6	6	6	6	6	6	6	6
470.6	6	6	6	6	6	6	6	6	6	6
470.7	6	6	6	6	6	6	6	6	6	6
470.8	6	6	6	6	6	6	6	6	6	6
470.9	6	6	6	6	6	6	6	6	6	6
471.0	6	6	6	6	6	6	7	7	7	7
471.1	7	7	7	7	7	7	7	7	7	7
471.2	7	7	7	7	7	7	7	7	7	7
471.3	7	7	7	7	7	7	7	7	7	7
471.4	7	7	7	7	7	7	7	7	7	7
471.5	7	7	7	7	7	7	7	7	7	7
471.6	8	8	8	8	8	8	8	8	8	8
471.7	8	8	8	8	8	8	8	8	8	8
471.8	8	8	8	8	8	8	8	8	8	8
471.9	8	8	8	8	8	8	8	8	9	9
472.0	9	9	9	9	9	9	9	9	9	9
472.1	9	9	9	9	9	9	9	9	9	9
472.2	9	9	9	9	9	9	9	9	9	9
472.3	9	9	9	9	9	9	9	10	10	10
472.4	10	10	10	10	10	10	10	10	10	10
472.5	10	10	10	10	10	10	10	10	10	10
472.6	10	10	10	10	10	10	10	10	10	10
472.7	10	10	10	10	10	10	11	11	11	11
472.8	11	11	11	11	11	11	11	11	11	11
472.9	11	11	11	11	11	11	11	11	11	11

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
473.0	11	11	11	11	11	11	11	11	11	11
473.1	11	11	11	11	11	11	11	11	11	12
473.2	12	12	12	12	12	12	12	12	12	12
473.3	12	12	12	12	12	12	12	12	12	12
473.4	12	12	12	12	12	12	12	12	12	12
473.5	12	12	12	12	12	12	12	12	12	12
473.6	12	12	12	12	12	13	13	13	13	13
473.7	13	13	13	13	13	13	13	13	13	13
473.8	13	13	13	13	13	13	13	13	13	13
473.9	13	13	13	13	13	13	13	13	13	13
474.0	13	13	13	13	13	13	13	13	13	13
474.1	13	13	14	14	14	14	14	14	14	14
474.2	14	14	14	14	14	14	14	14	14	14
474.3	14	14	14	14	14	14	14	14	14	14
474.4	14	14	14	14	14	14	14	14	14	14
474.5	14	14	14	14	14	14	14	14	14	14
474.6	14	14	14	14	14	14	14	14	14	14
474.7	14	14	14	14	15	15	15	15	15	15
474.8	15	15	15	15	15	15	15	15	15	15
474.9	15	15	15	15	15	15	15	15	15	15
475.0	15	15	15	15	15	15	15	15	15	15
475.1	15	15	15	15	15	15	15	15	15	15
475.2	15	15	15	15	15	15	15	15	15	15
475.3	15	15	15	15	15	15	15	15	15	16
475.4	16	16	16	16	16	16	16	16	16	16
475.5	16	16	16	16	16	16	16	16	16	16
475.6	16	16	16	16	16	16	16	16	16	16
475.7	16	16	16	16	16	16	16	16	16	16
475.8	16	16	16	16	16	16	16	16	16	16
475.9	16	16	16	16	16	17	17	17	17	17
476.0	17	17	17	17	17	17	17	17	17	17
476.1	17	17	17	17	17	17	17	17	17	17
476.2	17	17	17	17	17	17	17	17	17	17
476.3	17	17	17	17	17	17	17	17	17	17
476.4	17	17	17	17	17	17	18	18	18	18

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
476.5	18	18	18	18	18	18	18	18	18	18
476.6	18	18	18	18	18	18	18	18	18	18
476.7	18	18	18	18	18	18	18	18	18	18
476.8	18	18	18	18	18	19	19	19	19	19
476.9	19	19	19	19	19	19	19	19	19	19
477.0	19	19	19	19	19	19	19	19	19	19
477.1	19	19	19	19	19	19	19	19	19	19
477.2	19	19	20	20	20	20	20	20	20	20
477.3	20	20	20	20	20	20	20	20	20	20
477.4	20	20	20	20	20	20	20	20	20	20
477.5	20	20	20	20	20	20	20	20	21	21
477.6	21	21	21	21	21	21	21	21	21	21
477.7	21	21	21	21	21	21	21	21	21	21
477.8	21	21	21	21	21	21	21	21	21	21
477.9	21	21	22	22	22	22	22	22	22	22
478.0	22	22	22	22	22	22	22	22	22	22
478.1	22	22	22	22	22	22	22	22	22	22
478.2	22	22	22	22	22	22	22	23	23	23
478.3	23	23	23	23	23	23	23	23	23	23
478.4	23	23	23	23	23	23	23	23	23	23
478.5	23	23	23	23	23	23	23	23	23	23
478.6	23	23	23	23	23	23	24	24	24	24
478.7	24	24	24	24	24	24	24	24	24	24
478.8	24	24	24	24	24	24	24	24	24	24
478.9	24	24	24	24	24	24	24	24	24	24
479.0	24	24	24	24	24	24	25	25	25	25
479.1	25	25	25	25	25	25	25	25	25	25
479.2	25	25	25	25	25	25	25	25	25	25
479.3	25	25	25	25	25	25	25	25	25	25
479.4	25	25	25	25	25	25	25	26	26	26
479.5	26	26	26	26	26	26	26	26	26	26
479.6	26	26	26	26	26	26	26	26	26	26
479.7	26	26	26	26	26	26	26	26	26	26
479.8	26	26	26	26	26	26	26	27	27	27
479.9	27	27	27	27	27	27	27	27	27	27

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
480.0	27	27	27	27	27	27	27	27	27	27
480.1	27	27	27	27	27	27	27	27	27	27
480.2	27	27	27	27	27	27	27	27	28	28
480.3	28	28	28	28	28	28	28	28	28	28
480.4	28	28	28	28	28	28	28	28	28	28
480.5	28	28	28	28	28	28	28	28	28	28
480.6	28	28	28	28	28	28	28	28	28	28
480.7	28	28	29	29	29	29	29	29	29	29
480.8	29	29	29	29	29	29	29	29	29	29
480.9	29	29	29	29	29	29	29	29	29	29
481.0	29	29	29	29	29	29	29	29	29	29
481.1	29	29	29	29	29	29	29	29	30	30
481.2	30	30	30	30	30	30	30	30	30	30
481.3	30	30	30	30	30	30	30	30	30	30
481.4	30	30	30	30	30	30	30	30	30	30
481.5	30	30	30	30	30	30	30	30	30	30
481.6	30	30	31	31	31	31	31	31	31	31
481.7	31	31	31	31	31	31	31	31	31	31
481.8	31	31	31	31	31	31	31	31	31	31
481.9	31	31	31	31	31	31	31	31	31	31
482.0	31	31	32	32	32	32	32	32	32	32
482.1	32	32	32	32	32	32	32	32	32	32
482.2	32	32	32	32	32	32	32	32	32	32
482.3	32	32	32	32	32	32	32	32	32	32
482.4	32	33	33	33	33	33	33	33	33	33
482.5	33	33	33	33	33	33	33	33	33	33
482.6	33	33	33	33	33	33	33	33	33	33
482.7	33	33	33	33	33	33	33	34	34	34
482.8	34	34	34	34	34	34	34	34	34	34
482.9	34	34	34	34	34	34	34	34	34	34
483.0	34	34	34	34	34	34	34	34	34	34
483.1	34	34	34	34	35	35	35	35	35	35
483.2	35	35	35	35	35	35	35	35	35	35
483.3	35	35	35	35	35	35	35	35	35	35
483.4	35	35	35	35	35	35	35	35	35	36

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
483.5	36	36	36	36	36	36	36	36	36	36
483.6	36	36	36	36	36	36	36	36	36	36
483.7	36	36	36	36	36	36	36	36	36	36
483.8	36	36	37	37	37	37	37	37	37	37
483.9	37	37	37	37	37	37	37	37	37	37
484.0	37	37	37	37	37	37	37	37	37	37
484.1	37	37	37	38	38	38	38	38	38	38
484.2	38	38	38	38	38	38	38	38	38	38
484.3	38	38	38	38	38	38	38	38	38	38
484.4	38	38	39	39	39	39	39	39	39	39
484.5	39	39	39	39	39	39	39	39	39	39
484.6	39	39	39	39	39	39	39	39	39	39
484.7	39	40	40	40	40	40	40	40	40	40
484.8	40	40	40	40	40	40	40	40	40	40
484.9	40	40	40	40	40	40	40	40	40	41
485.0	41	41	41	41	41	41	41	41	41	41
485.1	41	41	41	41	41	41	41	41	41	41
485.2	41	41	41	41	41	41	41	41	41	41
485.3	42	42	42	42	42	42	42	42	42	42
485.4	42	42	42	42	42	42	42	42	42	42
485.5	42	42	42	42	42	42	43	43	43	43
485.6	43	43	43	43	43	43	43	43	43	43
485.7	43	43	43	43	43	43	43	43	43	43
485.8	43	44	44	44	44	44	44	44	44	44
485.9	44	44	44	44	44	44	44	44	44	44
486.0	44	44	44	44	44	44	45	45	45	45
486.1	45	45	45	45	45	45	45	45	45	45
486.2	45	45	45	45	45	45	45	45	46	46
486.3	46	46	46	46	46	46	46	46	46	46
486.4	46	46	46	46	46	46	46	46	46	46
486.5	47	47	47	47	47	47	47	47	47	47
486.6	47	47	47	47	47	47	47	47	47	47
486.7	47	47	48	48	48	48	48	48	48	48
486.8	48	48	48	48	48	48	48	48	48	48
486.9	48	48	48	49	49	49	49	49	49	49

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
487.0	49	49	49	49	49	49	49	49	49	49
487.1	49	49	49	49	49	50	50	50	50	50
487.2	50	50	50	50	50	50	50	50	50	50
487.3	50	50	50	50	51	51	51	51	51	51
487.4	51	51	51	51	51	51	51	51	51	51
487.5	51	52	52	52	52	52	52	52	52	52
487.6	52	52	52	52	52	52	52	52	53	53
487.7	53	53	53	53	53	53	53	53	53	53
487.8	53	53	53	53	54	54	54	54	54	54
487.9	54	54	54	54	54	54	54	54	54	54
488.0	55	55	55	55	55	55	55	55	55	55
488.1	55	55	55	55	55	55	56	56	56	56
488.2	56	56	56	56	56	56	56	56	56	56
488.3	57	57	57	57	57	57	57	57	57	57
488.4	57	57	57	57	58	58	58	58	58	58
488.5	58	58	58	58	58	58	59	59	59	59
488.6	59	59	59	59	59	59	59	59	59	60
488.7	60	60	60	60	60	60	60	60	60	60
488.8	60	61	61	61	61	61	61	61	61	61
488.9	61	61	61	62	62	62	62	62	62	62
489.0	62	62	62	62	62	63	63	63	63	63
489.1	63	63	63	63	63	63	64	64	64	64
489.2	64	64	64	64	64	64	64	65	65	65
489.3	65	65	65	65	65	65	65	65	66	66
489.4	66	66	66	66	66	66	66	66	67	67
489.5	67	67	67	67	67	67	67	67	68	68
489.6	68	68	68	68	68	68	68	68	69	69
489.7	69	69	69	69	69	69	69	69	70	70
489.8	70	70	70	70	70	70	70	70	71	71
489.9	71	71	71	71	71	71	71	71	72	72
490.0	72	72	72	72	72	72	72	72	73	73
490.1	73	73	73	73	73	73	73	73	73	74
490.2	74	74	74	74	74	74	74	74	74	74
490.3	74	75	75	75	75	75	75	75	75	75
490.4	75	75	75	76	76	76	76	76	76	76

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
490.5	76	76	76	76	76	76	77	77	77	77
490.6	77	77	77	77	77	77	77	77	78	78
490.7	78	78	78	78	78	78	78	78	78	78
490.8	79	79	79	79	79	79	79	79	79	79
490.9	79	79	79	80	80	80	80	80	80	80
491.0	80	80	80	80	80	80	81	81	81	81
491.1	81	81	81	81	81	81	81	81	81	82
491.2	82	82	82	82	82	82	82	82	82	82
491.3	82	82	83	83	83	83	83	83	83	83
491.4	83	83	83	83	83	84	84	84	84	84
491.5	84	84	84	84	84	84	84	84	85	85
491.6	85	85	85	85	85	85	85	85	85	85
491.7	85	85	86	86	86	86	86	86	86	86
491.8	86	86	86	86	86	87	87	87	87	87
491.9	87	87	87	87	87	87	87	87	88	88
492.0	88	88	88	88	88	88	88	88	88	88
492.1	88	88	89	89	89	89	89	89	89	89
492.2	89	89	89	89	89	90	90	90	90	90
492.3	90	90	90	90	90	90	90	91	91	91
492.4	91	91	91	91	91	91	91	91	91	92
492.5	92	92	92	92	92	92	92	92	92	92
492.6	92	93	93	93	93	93	93	93	93	93
492.7	93	93	93	94	94	94	94	94	94	94
492.8	94	94	94	94	94	95	95	95	95	95
492.9	95	95	95	95	95	95	95	96	96	96
493.0	96	96	96	96	96	96	96	96	97	97
493.1	97	97	97	97	97	97	97	97	97	97
493.2	98	98	98	98	98	98	98	98	98	98
493.3	98	99	99	99	99	99	99	99	99	99
493.4	99	99	99	100	100	100	100	100	100	100
493.5	100	100	100	100	101	101	101	101	101	101
493.6	101	101	101	101	101	102	102	102	102	102
493.7	102	102	102	102	102	102	102	103	103	103
493.8	103	103	103	103	103	103	103	103	104	104
493.9	104	104	104	104	104	104	104	104	104	105

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
494.0	105	105	105	105	105	105	105	105	105	105
494.1	105	106	106	106	106	106	106	106	106	106
494.2	106	106	106	107	107	107	107	107	107	107
494.3	107	107	107	107	107	108	108	108	108	108
494.4	108	108	108	108	108	108	108	109	109	109
494.5	109	109	109	109	109	109	109	109	109	109
494.6	110	110	110	110	110	110	110	110	110	110
494.7	110	110	111	111	111	111	111	111	111	111
494.8	111	111	111	111	112	112	112	112	112	112
494.9	112	112	112	112	112	112	112	113	113	113
495.0	113	113	113	113	113	113	113	113	113	113
495.1	114	114	114	114	114	114	114	114	114	114
495.2	114	114	114	115	115	115	115	115	115	115
495.3	115	115	115	115	115	115	116	116	116	116
495.4	116	116	116	116	116	116	116	116	116	117
495.5	117	117	117	117	117	117	117	117	117	117
495.6	117	118	118	118	118	118	118	118	118	118
495.7	118	118	118	118	119	119	119	119	119	119
495.8	119	119	119	119	119	119	120	120	120	120
495.9	120	120	120	120	120	120	120	120	120	121
496.0	121	121	121	121	121	121	121	121	121	121
496.1	121	122	122	122	122	122	122	122	122	122
496.2	122	122	122	123	123	123	123	123	123	123
496.3	123	123	123	123	123	124	124	124	124	124
496.4	124	124	124	124	124	124	125	125	125	125
496.5	125	125	125	125	125	125	125	125	126	126
496.6	126	126	126	126	126	126	126	126	126	127
496.7	127	127	127	127	127	127	127	127	127	127
496.8	128	128	128	128	128	128	128	128	128	128
496.9	128	129	129	129	129	129	129	129	129	129
497.0	129	129	130	130	130	130	130	130	130	130
497.1	130	130	131	131	131	131	131	131	131	131
497.2	131	131	132	132	132	132	132	132	132	132
497.3	132	132	132	133	133	133	133	133	133	133
497.4	133	133	133	134	134	134	134	134	134	134

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
497.5	134	134	134	135	135	135	135	135	135	135
497.6	135	135	135	136	136	136	136	136	136	136
497.7	136	136	136	136	137	137	137	137	137	137
497.8	137	137	137	137	138	138	138	138	138	138
497.9	138	138	138	138	139	139	139	139	139	139
498.0	139	139	139	139	140	140	140	140	140	140
498.1	140	140	140	140	141	141	141	141	141	141
498.2	141	141	141	141	142	142	142	142	142	142
498.3	142	142	142	142	143	143	143	143	143	143
498.4	143	143	143	143	144	144	144	144	144	144
498.5	144	144	144	144	144	145	145	145	145	145
498.6	145	145	145	145	145	146	146	146	146	146
498.7	146	146	146	146	146	147	147	147	147	147
498.8	147	147	147	147	147	148	148	148	148	148
498.9	148	148	148	148	148	149	149	149	149	149
499.0	149	149	149	149	149	149	150	150	150	150
499.1	150	150	150	150	150	150	151	151	151	151
499.2	151	151	151	151	151	151	151	152	152	152
499.3	152	152	152	152	152	152	152	153	153	153
499.4	153	153	153	153	153	153	153	153	154	154
499.5	154	154	154	154	154	154	154	154	155	155
499.6	155	155	155	155	155	155	155	155	156	156
499.7	156	156	156	156	156	156	156	156	156	157
499.8	157	157	157	157	157	157	157	157	157	158
499.9	158	158	158	158	158	158	158	158	158	158
500.0	159	159	159	159	159	159	159	159	159	159
500.1	160	160	160	160	160	160	160	160	160	160
500.2	160	161	161	161	161	161	161	161	161	161
500.3	161	161	162	162	162	162	162	162	162	162
500.4	162	162	163	163	163	163	163	163	163	163
500.5	163	163	163	164	164	164	164	164	164	164
500.6	164	164	164	164	165	165	165	165	165	165
500.7	165	165	165	165	166	166	166	166	166	166
500.8	166	166	166	166	166	167	167	167	167	167
500.9	167	167	167	167	167	168	168	168	168	168

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
501.0	168	168	168	168	168	168	169	169	169	169
501.1	169	169	169	169	169	169	169	170	170	170
501.2	170	170	170	170	170	170	170	170	171	171
501.3	171	171	171	171	171	171	171	171	172	172
501.4	172	172	172	172	172	172	172	172	172	173
501.5	173	173	173	173	173	173	173	173	173	174
501.6	174	174	174	174	174	174	174	174	174	174
501.7	175	175	175	175	175	175	175	175	175	175
501.8	176	176	176	176	176	176	176	176	176	176
501.9	176	177	177	177	177	177	177	177	177	177
502.0	177	178	178	178	178	178	178	178	178	178
502.1	178	178	179	179	179	179	179	179	179	179
502.2	179	179	180	180	180	180	180	180	180	180
502.3	180	180	180	181	181	181	181	181	181	181
502.4	181	181	181	181	182	182	182	182	182	182
502.5	182	182	182	182	183	183	183	183	183	183
502.6	183	183	183	183	183	184	184	184	184	184
502.7	184	184	184	184	184	185	185	185	185	185
502.8	185	185	185	185	185	185	186	186	186	186
502.9	186	186	186	186	186	186	187	187	187	187
503.0	187	187	187	187	187	187	187	188	188	188
503.1	188	188	188	188	188	188	188	189	189	189
503.2	189	189	189	189	189	189	189	189	190	190
503.3	190	190	190	190	190	190	190	190	191	191
503.4	191	191	191	191	191	191	191	191	192	192
503.5	192	192	192	192	192	192	192	192	193	193
503.6	193	193	193	193	193	193	193	193	194	194
503.7	194	194	194	194	194	194	194	194	195	195
503.8	195	195	195	195	195	195	195	195	196	196
503.9	196	196	196	196	196	196	196	196	197	197
504.0	197	197	197	197	197	197	197	197	197	198
504.1	198	198	198	198	198	198	198	198	198	199
504.2	199	199	199	199	199	199	199	199	199	200
504.3	200	200	200	200	200	200	200	200	201	201
504.4	201	201	201	201	201	201	201	201	202	202

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
504.5	202	202	202	202	202	202	202	203	203	203
504.6	203	203	203	203	203	203	203	204	204	204
504.7	204	204	204	204	204	204	205	205	205	205
504.8	205	205	205	205	205	206	206	206	206	206
504.9	206	206	206	206	206	207	207	207	207	207
505.0	207	207	207	207	208	208	208	208	208	208
505.1	208	208	208	209	209	209	209	209	209	209
505.2	209	210	210	210	210	210	210	210	210	210
505.3	211	211	211	211	211	211	211	211	212	212
505.4	212	212	212	212	212	212	212	213	213	213
505.5	213	213	213	213	213	214	214	214	214	214
505.6	214	214	214	215	215	215	215	215	215	215
505.7	215	216	216	216	216	216	216	216	216	216
505.8	217	217	217	217	217	217	217	217	218	218
505.9	218	218	218	218	218	218	219	219	219	219
506.0	219	219	219	219	220	220	220	220	220	220
506.1	220	220	221	221	221	221	221	221	221	221
506.2	222	222	222	222	222	222	222	223	223	223
506.3	223	223	223	223	223	224	224	224	224	224
506.4	224	224	224	225	225	225	225	225	225	225
506.5	226	226	226	226	226	226	226	226	227	227
506.6	227	227	227	227	227	227	228	228	228	228
506.7	228	228	228	229	229	229	229	229	229	229
506.8	229	230	230	230	230	230	230	230	231	231
506.9	231	231	231	231	231	231	232	232	232	232
507.0	232	232	232	232	233	233	233	233	233	233
507.1	233	233	234	234	234	234	234	234	234	235
507.2	235	235	235	235	235	235	235	236	236	236
507.3	236	236	236	236	237	237	237	237	237	237
507.4	237	238	238	238	238	238	238	238	239	239
507.5	239	239	239	239	239	239	240	240	240	240
507.6	240	240	240	241	241	241	241	241	241	241
507.7	242	242	242	242	242	242	242	243	243	243
507.8	243	243	243	243	244	244	244	244	244	244
507.9	244	245	245	245	245	245	245	245	246	246

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
508.0	246	246	246	246	246	247	247	247	247	247
508.1	247	247	248	248	248	248	248	248	249	249
508.2	249	249	249	249	249	250	250	250	250	250
508.3	250	250	251	251	251	251	251	251	252	252
508.4	252	252	252	252	253	253	253	253	253	253
508.5	253	254	254	254	254	254	254	255	255	255
508.6	255	255	255	255	256	256	256	256	256	256
508.7	257	257	257	257	257	257	258	258	258	258
508.8	258	258	258	259	259	259	259	259	259	260
508.9	260	260	260	260	260	261	261	261	261	261
509.0	261	262	262	262	262	262	262	262	263	263
509.1	263	263	263	263	263	264	264	264	264	264
509.2	264	265	265	265	265	265	265	266	266	266
509.3	266	266	266	267	267	267	267	267	267	268
509.4	268	268	268	268	268	269	269	269	269	269
509.5	269	270	270	270	270	270	270	271	271	271
509.6	271	271	271	272	272	272	272	272	272	273
509.7	273	273	273	273	273	274	274	274	274	274
509.8	274	275	275	275	275	275	275	276	276	276
509.9	276	276	276	277	277	277	277	277	277	278
510.0	278	278	278	278	278	279	279	279	279	279
510.1	279	280	280	280	280	280	280	281	281	281
510.2	281	281	281	282	282	282	282	282	282	283
510.3	283	283	283	283	283	284	284	284	284	284
510.4	285	285	285	285	285	285	286	286	286	286
510.5	286	286	287	287	287	287	287	288	288	288
510.6	288	288	288	289	289	289	289	289	289	290
510.7	290	290	290	290	291	291	291	291	291	291
510.8	292	292	292	292	292	292	293	293	293	293
510.9	293	294	294	294	294	294	294	295	295	295
511.0	295	295	295	296	296	296	296	296	297	297
511.1	297	297	297	297	298	298	298	298	298	298
511.2	299	299	299	299	299	300	300	300	300	300
511.3	300	301	301	301	301	301	302	302	302	302
511.4	302	303	303	303	303	303	303	304	304	304

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
511.5	304	304	305	305	305	305	305	305	306	306
511.6	306	306	306	307	307	307	307	307	308	308
511.7	308	308	308	308	309	309	309	309	309	310
511.8	310	310	310	310	311	311	311	311	311	312
511.9	312	312	312	312	312	313	313	313	313	313
512.0	314	314	314	314	314	314	315	315	315	315
512.1	315	316	316	316	316	316	316	317	317	317
512.2	317	317	318	318	318	318	318	319	319	319
512.3	319	319	320	320	320	320	320	321	321	321
512.4	321	321	322	322	322	322	322	323	323	323
512.5	323	323	324	324	324	324	325	325	325	325
512.6	325	326	326	326	326	326	327	327	327	327
512.7	327	328	328	328	328	329	329	329	329	329
512.8	330	330	330	330	330	331	331	331	331	331
512.9	332	332	332	332	333	333	333	333	333	334
513.0	334	334	334	335	335	335	335	335	336	336
513.1	336	336	336	337	337	337	337	338	338	338
513.2	338	338	339	339	339	339	340	340	340	340
513.3	340	341	341	341	341	342	342	342	342	342
513.4	343	343	343	343	344	344	344	344	344	345
513.5	345	345	345	346	346	346	346	346	347	347
513.6	347	347	348	348	348	348	348	349	349	349
513.7	349	350	350	350	350	350	351	351	351	351
513.8	352	352	352	352	352	353	353	353	353	354
513.9	354	354	354	354	355	355	355	355	356	356
514.0	356	356	356	357	357	357	357	357	358	358
514.1	358	358	358	359	359	359	359	360	360	360
514.2	360	360	361	361	361	361	361	362	362	362
514.3	362	362	363	363	363	363	363	364	364	364
514.4	364	364	365	365	365	365	366	366	366	366
514.5	366	367	367	367	367	367	368	368	368	368
514.6	368	369	369	369	369	369	370	370	370	370
514.7	370	371	371	371	371	372	372	372	372	372
514.8	373	373	373	373	373	374	374	374	374	374
514.9	375	375	375	375	376	376	376	376	376	377

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
515.0	377	377	377	377	378	378	378	378	378	379
515.1	379	379	379	379	380	380	380	380	380	381
515.2	381	381	381	381	382	382	382	382	382	383
515.3	383	383	383	383	384	384	384	384	384	385
515.4	385	385	385	385	386	386	386	386	386	387
515.5	387	387	387	388	388	388	388	388	389	389
515.6	389	389	389	390	390	390	390	390	391	391
515.7	391	391	391	392	392	392	392	392	393	393
515.8	393	393	393	394	394	394	394	395	395	395
515.9	395	395	396	396	396	396	396	397	397	397
516.0	397	397	398	398	398	398	398	399	399	399
516.1	399	399	400	400	400	400	400	401	401	401
516.2	401	401	402	402	402	402	402	403	403	403
516.3	403	404	404	404	404	404	405	405	405	405
516.4	405	406	406	406	406	406	407	407	407	407
516.5	408	408	408	408	408	409	409	409	409	409
516.6	410	410	410	410	411	411	411	411	411	412
516.7	412	412	412	412	413	413	413	413	413	414
516.8	414	414	414	415	415	415	415	415	416	416
516.9	416	416	416	417	417	417	417	418	418	418
517.0	418	418	419	419	419	419	420	420	420	420
517.1	420	421	421	421	421	421	422	422	422	422
517.2	423	423	423	423	423	424	424	424	424	424
517.3	425	425	425	425	426	426	426	426	426	427
517.4	427	427	427	427	428	428	428	428	428	429
517.5	429	429	429	430	430	430	430	430	431	431
517.6	431	431	431	432	432	432	432	433	433	433
517.7	433	433	434	434	434	434	434	435	435	435
517.8	435	435	436	436	436	436	437	437	437	437
517.9	437	438	438	438	438	438	439	439	439	439
518.0	439	440	440	440	440	441	441	441	441	441
518.1	442	442	442	442	442	443	443	443	443	443
518.2	444	444	444	444	445	445	445	445	445	446
518.3	446	446	446	447	447	447	447	447	448	448
518.4	448	448	448	449	449	449	449	450	450	450

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
518.5	450	450	451	451	451	451	452	452	452	452
518.6	452	453	453	453	453	454	454	454	454	454
518.7	455	455	455	455	456	456	456	456	456	457
518.8	457	457	457	458	458	458	458	458	459	459
518.9	459	459	460	460	460	460	460	461	461	461
519.0	461	462	462	462	462	462	463	463	463	463
519.1	464	464	464	464	465	465	465	465	465	466
519.2	466	466	466	467	467	467	467	468	468	468
519.3	468	468	469	469	469	469	470	470	470	470
519.4	471	471	471	471	471	472	472	472	472	473
519.5	473	473	473	474	474	474	474	474	475	475
519.6	475	475	476	476	476	476	477	477	477	477
519.7	478	478	478	478	478	479	479	479	479	480
519.8	480	480	480	481	481	481	481	481	482	482
519.9	482	482	483	483	483	483	484	484	484	484
520.0	484	485	485	485	485	486	486	486	486	486
520.1	487	487	487	487	488	488	488	488	489	489
520.2	489	489	490	490	490	490	490	491	491	491
520.3	491	492	492	492	492	493	493	493	493	494
520.4	494	494	494	495	495	495	495	496	496	496
520.5	496	496	497	497	497	497	498	498	498	498
520.6	499	499	499	499	500	500	500	500	501	501
520.7	501	501	502	502	502	502	503	503	503	503
520.8	504	504	504	504	505	505	505	505	506	506
520.9	506	506	507	507	507	507	507	508	508	508
521.0	508	509	509	509	509	510	510	510	510	511
521.1	511	511	511	512	512	512	512	513	513	513
521.2	513	514	514	514	514	515	515	515	515	516
521.3	516	516	516	517	517	517	517	517	518	518
521.4	518	518	519	519	519	519	520	520	520	520
521.5	521	521	521	521	522	522	522	522	523	523
521.6	523	523	524	524	524	524	525	525	525	525
521.7	525	526	526	526	526	527	527	527	527	528
521.8	528	528	528	529	529	529	529	530	530	530
521.9	530	531	531	531	531	532	532	532	532	532

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
522.0	533	533	533	533	534	534	534	534	535	535
522.1	535	535	535	536	536	536	536	537	537	537
522.2	537	538	538	538	538	539	539	539	539	540
522.3	540	540	540	540	541	541	541	541	542	542
522.4	542	542	543	543	543	543	544	544	544	544
522.5	545	545	545	545	546	546	546	546	547	547
522.6	547	547	548	548	548	548	549	549	549	549
522.7	550	550	550	550	551	551	551	551	552	552
522.8	552	552	553	553	553	553	554	554	554	554
522.9	555	555	555	555	556	556	556	556	557	557
523.0	557	557	558	558	558	558	559	559	559	559
523.1	560	560	560	560	561	561	561	561	562	562
523.2	562	562	563	563	563	563	564	564	564	564
523.3	565	565	565	565	566	566	566	566	567	567
523.4	567	567	568	568	568	569	569	569	569	570
523.5	570	570	570	571	571	571	571	572	572	572
523.6	572	573	573	573	573	574	574	574	574	575
523.7	575	575	575	576	576	576	577	577	577	577
523.8	578	578	578	578	579	579	579	579	580	580
523.9	580	580	581	581	581	581	582	582	582	582
524.0	583	583	583	583	584	584	584	584	585	585
524.1	585	586	586	586	586	587	587	587	587	588
524.2	588	588	588	589	589	589	589	590	590	590
524.3	590	591	591	591	591	592	592	592	592	593
524.4	593	593	593	594	594	594	595	595	595	595
524.5	596	596	596	596	597	597	597	597	598	598
524.6	598	598	599	599	599	599	600	600	600	601
524.7	601	601	601	602	602	602	602	603	603	603
524.8	603	604	604	604	604	605	605	605	605	606
524.9	606	606	607	607	607	607	608	608	608	608
525.0	609	609	609	609	610	610	610	610	611	611
525.1	611	611	612	612	612	612	613	613	613	614
525.2	614	614	614	615	615	615	615	616	616	616
525.3	616	617	617	617	618	618	618	618	619	619
525.4	619	619	620	620	620	621	621	621	621	622

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
525.5	622	622	622	623	623	623	624	624	624	624
525.6	625	625	625	626	626	626	626	627	627	627
525.7	627	628	628	628	629	629	629	629	630	630
525.8	630	631	631	631	631	632	632	632	632	633
525.9	633	633	634	634	634	634	635	635	635	636
526.0	636	636	636	637	637	637	638	638	638	638
526.1	639	639	639	640	640	640	640	641	641	641
526.2	642	642	642	642	643	643	643	644	644	644
526.3	644	645	645	645	646	646	646	646	647	647
526.4	647	648	648	648	649	649	649	649	650	650
526.5	650	651	651	651	651	652	652	652	653	653
526.6	653	654	654	654	654	655	655	655	656	656
526.7	656	656	657	657	657	658	658	658	658	659
526.8	659	659	660	660	660	661	661	661	661	662
526.9	662	662	663	663	663	663	664	664	664	665
527.0	665	665	666	666	666	666	667	667	667	668
527.1	668	668	668	669	669	669	670	670	670	671
527.2	671	671	671	672	672	672	673	673	673	674
527.3	674	674	674	675	675	675	676	676	676	677
527.4	677	677	677	678	678	678	679	679	679	680
527.5	680	680	680	681	681	681	682	682	682	683
527.6	683	683	683	684	684	684	685	685	685	685
527.7	686	686	686	687	687	687	688	688	688	688
527.8	689	689	689	690	690	690	691	691	691	691
527.9	692	692	692	693	693	693	694	694	694	694
528.0	695	695	695	696	696	696	697	697	697	697
528.1	698	698	698	699	699	699	700	700	700	701
528.2	701	701	701	702	702	702	703	703	703	704
528.3	704	704	705	705	705	705	706	706	706	707
528.4	707	707	708	708	708	709	709	709	709	710
528.5	710	710	711	711	711	712	712	712	713	713
528.6	713	713	714	714	714	715	715	715	716	716
528.7	716	717	717	717	717	718	718	718	719	719
528.8	719	720	720	720	721	721	721	721	722	722
528.9	722	723	723	723	724	724	724	725	725	725

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
529.0	726	726	726	726	727	727	727	728	728	728
529.1	729	729	729	729	730	730	730	731	731	731
529.2	732	732	732	733	733	733	733	734	734	734
529.3	735	735	735	736	736	736	737	737	737	738
529.4	738	738	739	739	739	739	740	740	740	741
529.5	741	741	742	742	742	743	743	743	744	744
529.6	744	745	745	745	745	746	746	746	747	747
529.7	747	748	748	748	749	749	749	750	750	750
529.8	751	751	751	752	752	752	753	753	753	753
529.9	754	754	754	755	755	755	756	756	756	757
530.0	757	757	758	758	758	759	759	759	760	760
530.1	760	761	761	761	762	762	762	763	763	763
530.2	764	764	764	765	765	765	766	766	766	767
530.3	767	767	768	768	768	769	769	769	770	770
530.4	770	771	771	771	772	772	773	773	773	774
530.5	774	774	775	775	775	776	776	776	777	777
530.6	777	778	778	778	779	779	779	780	780	780
530.7	781	781	782	782	782	783	783	783	784	784
530.8	784	785	785	785	786	786	786	787	787	787
530.9	788	788	789	789	789	790	790	790	791	791
531.0	791	792	792	792	793	793	793	794	794	794
531.1	795	795	795	796	796	796	797	797	797	798
531.2	798	798	799	799	799	800	800	800	801	801
531.3	802	802	802	803	803	803	804	804	804	805
531.4	805	805	806	806	806	807	807	808	808	808
531.5	809	809	809	810	810	810	811	811	811	812
531.6	812	812	813	813	814	814	814	815	815	815
531.7	816	816	816	817	817	817	818	818	819	819
531.8	819	820	820	820	821	821	821	822	822	822
531.9	823	823	824	824	824	825	825	825	826	826
532.0	826	827	827	827	828	828	829	829	829	830
532.1	830	830	831	831	831	832	832	832	833	833
532.2	834	834	834	835	835	835	836	836	836	837
532.3	837	838	838	838	839	839	839	840	840	840
532.4	841	841	842	842	842	843	843	843	844	844

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
532.5	845	845	845	846	846	846	847	847	848	848
532.6	848	849	849	849	850	850	850	851	851	852
532.7	852	852	853	853	853	854	854	855	855	855
532.8	856	856	856	857	857	858	858	858	859	859
532.9	859	860	860	861	861	861	862	862	862	863
533.0	863	864	864	864	865	865	865	866	866	867
533.1	867	867	868	868	869	869	869	870	870	871
533.2	871	871	872	872	872	873	873	874	874	874
533.3	875	875	876	876	876	877	877	878	878	878
533.4	879	879	880	880	880	881	881	882	882	882
533.5	883	883	884	884	885	885	885	886	886	887
533.6	887	887	888	888	889	889	889	890	890	891
533.7	891	891	892	892	893	893	893	894	894	895
533.8	895	895	896	896	897	897	898	898	898	899
533.9	899	900	900	900	901	901	902	902	902	903
534.0	903	904	904	904	905	905	906	906	906	907
534.1	907	908	908	908	909	909	910	910	910	911
534.2	911	912	912	912	913	913	914	914	915	915
534.3	915	916	916	917	917	918	918	918	919	919
534.4	920	920	920	921	921	922	922	923	923	923
534.5	924	924	925	925	926	926	926	927	927	928
534.6	928	929	929	929	930	930	931	931	932	932
534.7	933	933	933	934	934	935	935	936	936	936
534.8	937	937	938	938	939	939	939	940	940	941
534.9	941	942	942	943	943	943	944	944	945	945
535.0	946	946	946	947	947	948	948	948	949	949
535.1	950	950	951	951	951	952	952	953	953	954
535.2	954	955	955	955	956	956	957	957	958	958
535.3	959	959	959	960	960	961	961	962	962	963
535.4	963	963	964	964	965	965	966	966	967	967
535.5	968	968	969	969	969	970	970	971	971	972
535.6	972	973	973	974	974	975	975	975	976	976
535.7	977	977	978	978	979	979	980	980	981	981
535.8	981	982	982	983	983	984	984	985	985	986
535.9	986	987	987	988	988	989	989	989	990	990

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
536.0	991	991	992	992	993	993	994	994	995	995
536.1	996	996	997	997	998	998	999	999	1000	1000
536.2	1001	1001	1002	1002	1003	1003	1004	1004	1005	1005
536.3	1006	1006	1007	1007	1008	1008	1009	1009	1010	1010
536.4	1011	1011	1011	1012	1012	1013	1013	1014	1014	1015
536.5	1015	1016	1016	1017	1017	1018	1018	1019	1019	1020
536.6	1020	1020	1021	1021	1022	1022	1023	1023	1024	1024
536.7	1025	1025	1026	1026	1027	1027	1028	1028	1028	1029
536.8	1029	1030	1030	1031	1031	1032	1032	1033	1033	1034
536.9	1034	1035	1035	1036	1036	1036	1037	1037	1038	1038
537.0	1039	1039	1040	1040	1041	1041	1041	1042	1042	1043
537.1	1043	1044	1044	1045	1045	1046	1046	1046	1047	1047
537.2	1048	1048	1049	1049	1050	1050	1051	1051	1051	1052
537.3	1052	1053	1053	1054	1054	1055	1055	1055	1056	1056
537.4	1057	1057	1058	1058	1059	1059	1060	1060	1060	1061
537.5	1061	1062	1062	1063	1063	1064	1064	1065	1065	1065
537.6	1066	1066	1067	1067	1068	1068	1069	1069	1070	1070
537.7	1070	1071	1071	1072	1072	1073	1073	1074	1074	1074
537.8	1075	1075	1076	1076	1077	1077	1078	1078	1079	1079
537.9	1079	1080	1080	1081	1081	1082	1082	1083	1083	1084
538.0	1084	1084	1085	1085	1086	1086	1087	1087	1088	1088
538.1	1089	1089	1090	1090	1090	1091	1091	1092	1092	1093
538.2	1093	1094	1094	1095	1095	1096	1096	1097	1097	1098
538.3	1098	1099	1099	1100	1100	1101	1101	1102	1102	1102
538.4	1103	1103	1104	1104	1105	1105	1106	1106	1107	1107
538.5	1108	1108	1109	1109	1110	1110	1111	1111	1112	1112
538.6	1113	1113	1114	1114	1115	1115	1116	1116	1117	1117
538.7	1118	1118	1119	1119	1120	1120	1121	1121	1122	1122
538.8	1123	1123	1124	1124	1125	1125	1126	1126	1126	1127
538.9	1127	1128	1128	1129	1129	1130	1130	1131	1131	1132
539.0	1132	1133	1133	1134	1134	1135	1135	1136	1136	1137
539.1	1137	1138	1138	1139	1139	1140	1140	1141	1141	1142
539.2	1142	1143	1143	1144	1144	1145	1145	1146	1146	1147
539.3	1147	1148	1148	1149	1150	1150	1151	1151	1152	1152
539.4	1153	1153	1154	1154	1155	1156	1156	1157	1157	1158

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
539.5	1158	1159	1159	1160	1161	1161	1162	1162	1163	1163
539.6	1164	1164	1165	1166	1166	1167	1167	1168	1168	1169
539.7	1170	1170	1171	1171	1172	1172	1173	1174	1174	1175
539.8	1175	1176	1176	1177	1178	1178	1179	1179	1180	1180
539.9	1181	1182	1182	1183	1183	1184	1185	1185	1186	1186
540.0	1187	1187	1188	1188	1189	1189	1190	1190	1191	1191
540.1	1192	1192	1193	1193	1194	1194	1195	1195	1196	1196
540.2	1197	1197	1198	1198	1199	1199	1200	1200	1201	1201
540.3	1202	1202	1203	1203	1204	1204	1205	1205	1206	1206
540.4	1207	1207	1208	1208	1209	1209	1210	1210	1211	1211
540.5	1212	1212	1213	1213	1214	1214	1215	1215	1216	1216
540.6	1217	1217	1218	1218	1219	1219	1220	1220	1221	1221
540.7	1222	1222	1223	1223	1224	1224	1225	1225	1226	1226
540.8	1227	1227	1228	1228	1229	1229	1230	1230	1231	1231
540.9	1232	1232	1233	1233	1234	1234	1235	1235	1236	1236
541.0	1237	1237	1238	1238	1239	1239	1240	1240	1241	1241
541.1	1242	1242	1243	1243	1244	1244	1245	1245	1245	1246
541.2	1246	1247	1247	1248	1248	1249	1249	1250	1250	1251
541.3	1251	1252	1252	1253	1253	1254	1254	1255	1255	1256
541.4	1256	1257	1257	1258	1258	1259	1259	1260	1260	1261
541.5	1261	1262	1262	1263	1263	1263	1264	1264	1265	1265
541.6	1266	1266	1267	1267	1268	1268	1269	1269	1270	1270
541.7	1271	1271	1272	1272	1273	1273	1274	1274	1275	1275
541.8	1276	1276	1277	1277	1278	1278	1278	1279	1279	1280
541.9	1280	1281	1281	1282	1282	1283	1283	1284	1284	1285
542.0	1285	1286	1286	1287	1287	1288	1288	1289	1289	1290
542.1	1290	1291	1291	1292	1292	1292	1293	1293	1294	1294
542.2	1295	1295	1296	1296	1297	1297	1298	1298	1299	1299
542.3	1300	1300	1301	1301	1302	1302	1303	1303	1304	1304
542.4	1305	1305	1306	1306	1307	1307	1307	1308	1308	1309
542.5	1309	1310	1310	1311	1311	1312	1312	1313	1313	1314
542.6	1314	1315	1315	1316	1316	1317	1317	1318	1318	1319
542.7	1319	1320	1320	1321	1321	1321	1322	1322	1323	1323
542.8	1324	1324	1325	1325	1326	1326	1327	1327	1328	1328
542.9	1329	1329	1330	1330	1331	1331	1332	1332	1333	1333

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
543.0	1334	1334	1334	1335	1335	1336	1336	1337	1337	1338
543.1	1338	1339	1339	1340	1340	1341	1341	1342	1342	1343
543.2	1343	1344	1344	1345	1345	1346	1346	1347	1347	1348
543.3	1348	1349	1349	1350	1350	1351	1351	1352	1352	1353
543.4	1353	1354	1354	1355	1355	1355	1356	1356	1357	1357
543.5	1358	1358	1359	1359	1360	1360	1361	1361	1362	1362
543.6	1363	1363	1364	1364	1365	1365	1366	1366	1367	1367
543.7	1368	1368	1369	1369	1370	1370	1371	1371	1372	1372
543.8	1373	1373	1374	1374	1375	1375	1376	1376	1377	1377
543.9	1378	1378	1379	1379	1380	1380	1381	1381	1382	1382
544.0	1383	1383	1384	1384	1385	1385	1386	1386	1387	1387
544.1	1388	1388	1389	1389	1390	1390	1391	1391	1392	1392
544.2	1393	1393	1394	1394	1395	1395	1396	1396	1397	1397
544.3	1398	1398	1399	1399	1400	1400	1401	1401	1402	1402
544.4	1403	1403	1404	1404	1405	1405	1406	1406	1407	1407
544.5	1408	1408	1409	1409	1410	1410	1411	1412	1412	1413
544.6	1413	1414	1414	1415	1415	1416	1416	1417	1417	1418
544.7	1418	1419	1419	1420	1420	1421	1421	1422	1422	1423
544.8	1423	1424	1424	1425	1425	1426	1426	1427	1427	1428
544.9	1429	1429	1430	1430	1431	1431	1432	1432	1433	1433
545.0	1434	1434	1435	1435	1436	1436	1437	1437	1438	1439
545.1	1439	1440	1440	1441	1441	1442	1442	1443	1443	1444
545.2	1445	1445	1446	1446	1447	1447	1448	1448	1449	1449
545.3	1450	1450	1451	1452	1452	1453	1453	1454	1454	1455
545.4	1455	1456	1456	1457	1457	1458	1459	1459	1460	1460
545.5	1461	1461	1462	1462	1463	1463	1464	1465	1465	1466
545.6	1466	1467	1467	1468	1468	1469	1469	1470	1470	1471
545.7	1472	1472	1473	1473	1474	1474	1475	1475	1476	1476
545.8	1477	1477	1478	1479	1479	1480	1480	1481	1481	1482
545.9	1482	1483	1483	1484	1485	1485	1486	1486	1487	1487
546.0	1488	1488	1489	1489	1490	1490	1491	1492	1492	1493
546.1	1493	1494	1494	1495	1495	1496	1496	1497	1497	1498
546.2	1499	1499	1500	1500	1501	1501	1502	1502	1503	1503
546.3	1504	1504	1505	1506	1506	1507	1507	1508	1508	1509
546.4	1509	1510	1510	1511	1511	1512	1513	1513	1514	1514

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
546.5	1515	1515	1516	1516	1517	1517	1518	1519	1519	1520
546.6	1520	1521	1521	1522	1522	1523	1523	1524	1524	1525
546.7	1526	1526	1527	1527	1528	1528	1529	1529	1530	1530
546.8	1531	1532	1532	1533	1533	1534	1534	1535	1535	1536
546.9	1536	1537	1537	1538	1539	1539	1540	1540	1541	1541
547.0	1542	1542	1543	1543	1544	1545	1545	1546	1546	1547
547.1	1547	1548	1548	1549	1549	1550	1551	1551	1552	1552
547.2	1553	1553	1554	1554	1555	1555	1556	1556	1557	1557
547.3	1558	1558	1559	1559	1560	1561	1561	1562	1562	1563
547.4	1563	1564	1564	1565	1565	1566	1566	1567	1567	1568
547.5	1568	1569	1569	1570	1570	1571	1571	1572	1572	1573
547.6	1574	1574	1575	1575	1576	1576	1577	1577	1578	1578
547.7	1579	1579	1580	1580	1581	1581	1582	1582	1583	1583
547.8	1584	1584	1585	1585	1586	1586	1587	1587	1588	1588
547.9	1589	1589	1590	1591	1591	1592	1592	1593	1593	1594
548.0	1594	1595	1595	1596	1596	1597	1597	1598	1598	1599
548.1	1599	1600	1600	1601	1601	1602	1602	1603	1603	1604
548.2	1604	1605	1605	1606	1606	1607	1608	1608	1609	1609
548.3	1610	1610	1611	1611	1612	1612	1613	1613	1614	1614
548.4	1615	1616	1616	1617	1617	1618	1618	1619	1619	1620
548.5	1620	1621	1622	1622	1623	1623	1624	1624	1625	1625
548.6	1626	1626	1627	1627	1628	1629	1629	1630	1630	1631
548.7	1631	1632	1632	1633	1634	1634	1635	1635	1636	1636
548.8	1637	1637	1638	1638	1639	1640	1640	1641	1641	1642
548.9	1642	1643	1643	1644	1645	1645	1646	1646	1647	1647
549.0	1648	1648	1649	1649	1650	1651	1651	1652	1652	1653
549.1	1653	1654	1654	1655	1656	1656	1657	1657	1658	1658
549.2	1659	1659	1660	1660	1661	1662	1662	1663	1663	1664
549.3	1664	1665	1665	1666	1666	1667	1668	1668	1669	1669
549.4	1670	1670	1671	1671	1672	1673	1673	1674	1674	1675
549.5	1675	1676	1676	1677	1677	1678	1679	1679	1680	1680
549.6	1681	1681	1682	1682	1683	1684	1684	1685	1685	1686
549.7	1686	1687	1687	1688	1688	1689	1690	1690	1691	1691
549.8	1692	1692	1693	1693	1694	1695	1695	1696	1696	1697
549.9	1697	1698	1698	1699	1699	1700	1701	1701	1702	1702

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
550.0	1703	1703	1704	1704	1705	1706	1706	1707	1707	1708
550.1	1708	1709	1709	1710	1711	1711	1712	1712	1713	1713
550.2	1714	1714	1715	1716	1716	1717	1717	1718	1718	1719
550.3	1720	1720	1721	1721	1722	1722	1723	1723	1724	1725
550.4	1725	1726	1726	1727	1727	1728	1729	1729	1730	1730
550.5	1731	1731	1732	1732	1733	1734	1734	1735	1735	1736
550.6	1736	1737	1738	1738	1739	1739	1740	1740	1741	1742
550.7	1742	1743	1743	1744	1744	1745	1746	1746	1747	1747
550.8	1748	1748	1749	1749	1750	1751	1751	1752	1752	1753
550.9	1753	1754	1755	1755	1756	1756	1757	1757	1758	1759
551.0	1759	1760	1760	1761	1762	1762	1763	1763	1764	1765
551.1	1765	1766	1766	1767	1767	1768	1769	1769	1770	1770
551.2	1771	1772	1772	1773	1773	1774	1775	1775	1776	1776
551.3	1777	1778	1778	1779	1779	1780	1781	1781	1782	1782
551.4	1783	1783	1784	1785	1785	1786	1786	1787	1788	1788
551.5	1789	1789	1790	1791	1791	1792	1792	1793	1794	1794
551.6	1795	1795	1796	1796	1797	1798	1798	1799	1799	1800
551.7	1801	1801	1802	1802	1803	1804	1804	1805	1805	1806
551.8	1807	1807	1808	1808	1809	1809	1810	1811	1811	1812
551.9	1812	1813	1814	1814	1815	1815	1816	1817	1817	1818
552.0	1818	1819	1819	1820	1821	1821	1822	1822	1823	1824
552.1	1824	1825	1826	1826	1827	1827	1828	1829	1829	1830
552.2	1831	1831	1832	1832	1833	1834	1834	1835	1836	1836
552.3	1837	1838	1838	1839	1839	1840	1841	1841	1842	1843
552.4	1843	1844	1845	1845	1846	1846	1847	1848	1848	1849
552.5	1850	1850	1851	1852	1852	1853	1854	1854	1855	1855
552.6	1856	1857	1857	1858	1859	1859	1860	1861	1861	1862
552.7	1863	1863	1864	1865	1865	1866	1866	1867	1868	1868
552.8	1869	1870	1870	1871	1872	1872	1873	1874	1874	1875
552.9	1876	1876	1877	1878	1878	1879	1880	1880	1881	1881
553.0	1882	1883	1883	1884	1885	1885	1886	1887	1887	1888
553.1	1889	1889	1890	1890	1891	1892	1892	1893	1894	1894
553.2	1895	1896	1896	1897	1897	1898	1899	1899	1900	1901
553.3	1901	1902	1902	1903	1904	1904	1905	1906	1906	1907
553.4	1908	1908	1909	1909	1910	1911	1911	1912	1913	1913

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
553.5	1914	1914	1915	1916	1916	1917	1918	1918	1919	1919
553.6	1920	1921	1921	1922	1923	1923	1924	1924	1925	1926
553.7	1926	1927	1928	1928	1929	1929	1930	1931	1931	1932
553.8	1933	1933	1934	1934	1935	1936	1936	1937	1938	1938
553.9	1939	1939	1940	1941	1941	1942	1943	1943	1944	1944
554.0	1945	1946	1946	1947	1948	1948	1949	1949	1950	1951
554.1	1951	1952	1953	1953	1954	1954	1955	1956	1956	1957
554.2	1958	1958	1959	1959	1960	1961	1961	1962	1962	1963
554.3	1964	1964	1965	1966	1966	1967	1967	1968	1969	1969
554.4	1970	1971	1971	1972	1972	1973	1974	1974	1975	1976
554.5	1976	1977	1977	1978	1979	1979	1980	1981	1981	1982
554.6	1982	1983	1984	1984	1985	1986	1986	1987	1987	1988
554.7	1989	1989	1990	1991	1991	1992	1992	1993	1994	1994
554.8	1995	1996	1996	1997	1997	1998	1999	1999	2000	2001
554.9	2001	2002	2002	2003	2004	2004	2005	2006	2006	2007
555.0	2007	2008	2009	2009	2010	2010	2011	2012	2012	2013
555.1	2014	2014	2015	2015	2016	2017	2017	2018	2019	2019
555.2	2020	2021	2021	2022	2023	2023	2024	2024	2025	2026
555.3	2026	2027	2028	2028	2029	2030	2030	2031	2032	2032
555.4	2033	2034	2034	2035	2036	2036	2037	2037	2038	2039
555.5	2039	2040	2041	2041	2042	2043	2043	2044	2045	2045
555.6	2046	2047	2047	2048	2049	2049	2050	2051	2051	2052
555.7	2053	2053	2054	2055	2055	2056	2057	2057	2058	2059
555.8	2059	2060	2061	2061	2062	2063	2063	2064	2065	2065
555.9	2066	2067	2067	2068	2069	2069	2070	2071	2071	2072
556.0	2073	2073	2074	2075	2075	2076	2077	2077	2078	2079
556.1	2079	2080	2081	2081	2082	2083	2083	2084	2085	2085
556.2	2086	2087	2088	2088	2089	2090	2090	2091	2092	2092
556.3	2093	2094	2094	2095	2096	2096	2097	2098	2098	2099
556.4	2100	2100	2101	2102	2102	2103	2104	2104	2105	2106
556.5	2106	2107	2108	2108	2109	2110	2110	2111	2112	2112
556.6	2113	2114	2114	2115	2116	2116	2117	2118	2118	2119
556.7	2120	2120	2121	2122	2122	2123	2124	2124	2125	2126
556.8	2126	2127	2128	2128	2129	2130	2130	2131	2132	2132
556.9	2133	2134	2134	2135	2136	2136	2137	2138	2138	2139

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
557.0	2140	2140	2141	2142	2142	2143	2144	2144	2145	2146
557.1	2146	2147	2148	2148	2149	2150	2150	2151	2152	2152
557.2	2153	2154	2155	2155	2156	2157	2157	2158	2159	2159
557.3	2160	2161	2161	2162	2163	2164	2164	2165	2166	2166
557.4	2167	2168	2168	2169	2170	2170	2171	2172	2173	2173
557.5	2174	2175	2175	2176	2177	2177	2178	2179	2180	2180
557.6	2181	2182	2182	2183	2184	2184	2185	2186	2187	2187
557.7	2188	2189	2189	2190	2191	2191	2192	2193	2194	2194
557.8	2195	2196	2196	2197	2198	2199	2199	2200	2201	2201
557.9	2202	2203	2203	2204	2205	2206	2206	2207	2208	2208
558.0	2209	2210	2210	2211	2212	2213	2213	2214	2215	2215
558.1	2216	2217	2218	2218	2219	2220	2220	2221	2222	2223
558.2	2223	2224	2225	2226	2226	2227	2228	2228	2229	2230
558.3	2231	2231	2232	2233	2234	2234	2235	2236	2237	2237
558.4	2238	2239	2239	2240	2241	2242	2242	2243	2244	2245
558.5	2245	2246	2247	2248	2248	2249	2250	2251	2251	2252
558.6	2253	2254	2254	2255	2256	2257	2257	2258	2259	2260
558.7	2260	2261	2262	2263	2263	2264	2265	2266	2266	2267
558.8	2268	2269	2269	2270	2271	2272	2272	2273	2274	2275
558.9	2275	2276	2277	2278	2278	2279	2280	2281	2281	2282
559.0	2283	2283	2283	2284	2284	2285	2285	2286	2286	2287
559.1	2287	2288	2289	2290	2290	2291	2292	2293	2293	2294
559.2	2295	2296	2297	2298	2299	2300	2300	2301	2302	2303
559.3	2304	2305	2306	2307	2309	2310	2311	2312	2313	2314
559.4	2315	2316	2317	2319	2320	2321	2322	2323	2325	2326
559.5	2327	2328	2330	2331	2332	2333	2335	2336	2337	2339
559.6	2340	2341	2343	2344	2345	2347	2348	2350	2351	2352
559.7	2354	2355	2357	2358	2360	2361	2362	2364	2365	2367
559.8	2368	2370	2371	2373	2375	2376	2378	2379	2381	2382
559.9	2384	2385	2387	2389	2390	2392	2393	2395	2397	2398
560.0	2400	2401	2402	2403	2403	2404	2405	2406	2406	2407
560.1	2408	2409	2409	2410	2411	2412	2412	2413	2414	2415
560.2	2415	2416	2417	2418	2418	2419	2420	2421	2421	2422
560.3	2423	2424	2424	2425	2426	2426	2427	2428	2429	2429
560.4	2430	2431	2432	2432	2433	2434	2434	2435	2436	2437

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
560.5	2437	2438	2439	2439	2440	2441	2442	2442	2443	2444
560.6	2444	2445	2446	2447	2447	2448	2449	2449	2450	2451
560.7	2452	2452	2453	2454	2454	2455	2456	2456	2457	2458
560.8	2459	2459	2460	2461	2461	2462	2463	2464	2464	2465
560.9	2466	2466	2467	2468	2468	2469	2470	2471	2471	2472
561.0	2473	2473	2474	2475	2476	2476	2477	2478	2478	2479
561.1	2480	2480	2481	2482	2482	2483	2484	2485	2485	2486
561.2	2487	2487	2488	2489	2489	2490	2491	2491	2492	2493
561.3	2493	2494	2495	2495	2496	2497	2497	2498	2499	2499
561.4	2500	2501	2501	2502	2503	2503	2504	2505	2505	2506
561.5	2507	2507	2508	2509	2509	2510	2511	2511	2512	2513
561.6	2513	2514	2515	2515	2516	2516	2517	2518	2518	2519
561.7	2520	2520	2521	2522	2522	2523	2524	2524	2525	2526
561.8	2526	2527	2528	2528	2529	2530	2530	2531	2532	2532
561.9	2533	2533	2534	2535	2535	2536	2537	2537	2538	2539
562.0	2539	2540	2541	2541	2542	2543	2543	2544	2544	2545
562.1	2546	2546	2547	2548	2548	2549	2550	2550	2551	2552
562.2	2552	2553	2553	2554	2555	2555	2556	2557	2557	2558
562.3	2559	2559	2560	2561	2561	2562	2562	2563	2564	2564
562.4	2565	2566	2566	2567	2568	2568	2569	2570	2570	2571
562.5	2571	2572	2573	2573	2574	2575	2575	2576	2577	2577
562.6	2578	2579	2579	2580	2580	2581	2582	2582	2583	2584
562.7	2584	2585	2586	2586	2587	2588	2588	2589	2589	2590
562.8	2591	2591	2592	2593	2593	2594	2595	2595	2596	2597
562.9	2597	2598	2598	2599	2600	2600	2601	2602	2602	2603
563.0	2604	2604	2605	2606	2606	2607	2607	2608	2609	2609
563.1	2610	2611	2611	2612	2613	2613	2614	2614	2615	2616
563.2	2616	2617	2618	2618	2619	2620	2620	2621	2621	2622
563.3	2623	2623	2624	2625	2625	2626	2627	2627	2628	2628
563.4	2629	2630	2630	2631	2632	2632	2633	2634	2634	2635
563.5	2635	2636	2637	2637	2638	2639	2639	2640	2641	2641
563.6	2642	2642	2643	2644	2644	2645	2646	2646	2647	2648
563.7	2648	2649	2649	2650	2651	2651	2652	2653	2653	2654
563.8	2655	2655	2656	2656	2657	2658	2658	2659	2660	2660
563.9	2661	2662	2662	2663	2663	2664	2665	2665	2666	2667

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
564.0	2667	2668	2669	2669	2670	2670	2671	2672	2672	2673
564.1	2674	2674	2675	2675	2676	2677	2677	2678	2679	2679
564.2	2680	2680	2681	2682	2682	2683	2684	2684	2685	2685
564.3	2686	2687	2687	2688	2689	2689	2690	2690	2691	2692
564.4	2692	2693	2693	2694	2695	2695	2696	2697	2697	2698
564.5	2698	2699	2700	2700	2701	2701	2702	2703	2703	2704
564.6	2705	2705	2706	2706	2707	2708	2708	2709	2709	2710
564.7	2711	2711	2712	2713	2713	2714	2714	2715	2716	2716
564.8	2717	2717	2718	2719	2719	2720	2720	2721	2722	2722
564.9	2723	2724	2724	2725	2725	2726	2727	2727	2728	2728
565.0	2729	2730	2730	2731	2731	2732	2733	2733	2734	2735
565.1	2735	2736	2736	2737	2738	2738	2739	2739	2740	2741
565.2	2741	2742	2742	2743	2744	2744	2745	2746	2746	2747
565.3	2747	2748	2749	2749	2750	2750	2751	2752	2752	2753
565.4	2753	2754	2755	2755	2756	2757	2757	2758	2758	2759
565.5	2760	2760	2761	2761	2762	2763	2763	2764	2764	2765
565.6	2766	2766	2767	2768	2768	2769	2769	2770	2771	2771
565.7	2772	2772	2773	2774	2774	2775	2775	2776	2777	2777
565.8	2778	2779	2779	2780	2780	2781	2782	2782	2783	2783
565.9	2784	2785	2785	2786	2786	2787	2788	2788	2789	2790
566.0	2790	2791	2791	2792	2793	2793	2794	2794	2795	2796
566.1	2796	2797	2798	2798	2799	2799	2800	2801	2801	2802
566.2	2802	2803	2804	2804	2805	2806	2806	2807	2807	2808
566.3	2809	2809	2810	2811	2811	2812	2812	2813	2814	2814
566.4	2815	2816	2816	2817	2817	2818	2819	2819	2820	2820
566.5	2821	2822	2822	2823	2824	2824	2825	2825	2826	2827
566.6	2827	2828	2829	2829	2830	2830	2831	2832	2832	2833
566.7	2834	2834	2835	2835	2836	2837	2837	2838	2838	2839
566.8	2840	2840	2841	2842	2842	2843	2843	2844	2845	2845
566.9	2846	2847	2847	2848	2848	2849	2850	2850	2851	2852
567.0	2852	2853	2853	2854	2855	2855	2856	2857	2857	2858
567.1	2858	2859	2860	2860	2861	2862	2862	2863	2864	2864
567.2	2865	2865	2866	2867	2867	2868	2869	2869	2870	2871
567.3	2871	2872	2872	2873	2874	2874	2875	2876	2876	2877
567.4	2878	2878	2879	2879	2880	2881	2881	2882	2883	2883

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
567.5	2884	2885	2885	2886	2886	2887	2888	2888	2889	2890
567.6	2890	2891	2892	2892	2893	2893	2894	2895	2895	2896
567.7	2897	2897	2898	2899	2899	2900	2900	2901	2902	2902
567.8	2903	2904	2904	2905	2906	2906	2907	2907	2908	2909
567.9	2909	2910	2911	2911	2912	2913	2913	2914	2915	2915
568.0	2916	2916	2917	2918	2918	2919	2920	2920	2921	2921
568.1	2922	2923	2923	2924	2925	2925	2926	2926	2927	2928
568.2	2928	2929	2930	2930	2931	2931	2932	2933	2933	2934
568.3	2935	2935	2936	2937	2937	2938	2938	2939	2940	2940
568.4	2941	2942	2942	2943	2944	2944	2945	2945	2946	2947
568.5	2947	2948	2949	2949	2950	2951	2951	2952	2952	2953
568.6	2954	2954	2955	2956	2956	2957	2958	2958	2959	2959
568.7	2960	2961	2961	2962	2963	2963	2964	2965	2965	2966
568.8	2966	2967	2968	2968	2969	2970	2970	2971	2972	2972
568.9	2973	2973	2974	2975	2975	2976	2977	2977	2978	2979
569.0	2979	2980	2980	2981	2981	2982	2982	2983	2984	2984
569.1	2985	2986	2986	2987	2987	2988	2989	2989	2990	2991
569.2	2991	2992	2993	2993	2994	2995	2995	2996	2997	2997
569.3	2998	2999	2999	3000	3001	3002	3002	3003	3004	3004
569.4	3005	3006	3006	3007	3008	3009	3009	3010	3011	3011
569.5	3012	3013	3014	3014	3015	3016	3016	3017	3018	3019
569.6	3019	3020	3021	3021	3022	3023	3024	3024	3025	3026
569.7	3027	3027	3028	3029	3030	3030	3031	3032	3033	3033
569.8	3034	3035	3036	3036	3037	3038	3039	3039	3040	3041
569.9	3042	3042	3043	3044	3045	3045	3046	3047	3048	3048
570.0	3049	3050	3052	3053	3054	3055	3056	3058	3059	3060
570.1	3061	3062	3063	3064	3065	3066	3068	3069	3070	3071
570.2	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081
570.3	3082	3084	3085	3086	3087	3088	3089	3090	3091	3092
570.4	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102
570.5	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112
570.6	3113	3114	3115	3116	3117	3118	3119	3120	3122	3123
570.7	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133
570.8	3134	3135	3136	3137	3138	3139	3140	3141	3142	3142
570.9	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
571.0	3153	3154	3155	3156	3157	3158	3159	3160	3160	3161
571.1	3162	3163	3164	3165	3165	3166	3167	3168	3169	3170
571.2	3171	3171	3172	3173	3174	3175	3176	3176	3177	3178
571.3	3179	3180	3181	3181	3182	3183	3184	3185	3186	3186
571.4	3187	3188	3189	3190	3191	3191	3192	3193	3194	3195
571.5	3196	3196	3197	3198	3199	3200	3200	3201	3202	3203
571.6	3204	3205	3205	3206	3207	3208	3209	3209	3210	3211
571.7	3212	3213	3214	3214	3215	3216	3217	3218	3218	3219
571.8	3220	3221	3222	3223	3223	3224	3225	3226	3227	3227
571.9	3228	3229	3230	3231	3232	3232	3233	3234	3235	3236
572.0	3236	3237	3238	3239	3240	3240	3241	3242	3243	3244
572.1	3245	3245	3246	3247	3248	3249	3249	3250	3251	3252
572.2	3253	3253	3254	3255	3256	3257	3257	3258	3259	3260
572.3	3261	3261	3262	3263	3264	3265	3265	3266	3267	3268
572.4	3269	3270	3270	3271	3272	3273	3274	3274	3275	3276
572.5	3277	3278	3278	3279	3280	3281	3282	3282	3283	3284
572.6	3285	3286	3286	3287	3288	3289	3290	3290	3291	3292
572.7	3293	3294	3295	3295	3296	3297	3298	3299	3299	3300
572.8	3301	3302	3303	3303	3304	3305	3306	3307	3307	3308
572.9	3309	3310	3311	3311	3312	3313	3314	3315	3315	3316
573.0	3317	3318	3319	3320	3321	3321	3322	3323	3324	3325
573.1	3326	3327	3328	3328	3329	3330	3331	3332	3333	3334
573.2	3335	3335	3336	3337	3338	3339	3340	3341	3342	3342
573.3	3343	3344	3345	3346	3347	3348	3349	3349	3350	3351
573.4	3352	3353	3354	3355	3356	3356	3357	3358	3359	3360
573.5	3361	3362	3363	3363	3364	3365	3366	3367	3368	3369
573.6	3370	3370	3371	3372	3373	3374	3375	3376	3377	3377
573.7	3378	3379	3380	3381	3382	3383	3384	3384	3385	3386
573.8	3387	3388	3389	3390	3391	3391	3392	3393	3394	3395
573.9	3396	3397	3398	3398	3399	3400	3401	3402	3403	3404
574.0	3405	3405	3406	3407	3408	3409	3410	3411	3412	3412
574.1	3413	3414	3415	3416	3417	3418	3419	3419	3420	3421
574.2	3422	3423	3424	3425	3426	3427	3427	3428	3429	3430
574.3	3431	3432	3433	3434	3434	3435	3436	3437	3438	3439
574.4	3440	3441	3442	3442	3443	3444	3445	3446	3447	3448

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
574.5	3449	3449	3450	3451	3452	3453	3454	3455	3456	3456
574.6	3457	3458	3459	3460	3461	3462	3463	3464	3464	3465
574.7	3466	3467	3468	3469	3470	3471	3472	3472	3473	3474
574.8	3475	3476	3477	3478	3479	3479	3480	3481	3482	3483
574.9	3484	3485	3486	3487	3487	3488	3489	3490	3491	3492
575.0	3493	3494	3494	3495	3496	3497	3498	3499	3500	3500
575.1	3501	3502	3503	3504	3505	3506	3507	3507	3508	3509
575.2	3510	3511	3512	3513	3513	3514	3515	3516	3517	3518
575.3	3519	3520	3520	3521	3522	3523	3524	3525	3526	3526
575.4	3527	3528	3529	3530	3531	3532	3532	3533	3534	3535
575.5	3536	3537	3538	3538	3539	3540	3541	3542	3543	3544
575.6	3545	3545	3546	3547	3548	3549	3550	3551	3551	3552
575.7	3553	3554	3555	3556	3557	3557	3558	3559	3560	3561
575.8	3562	3563	3563	3564	3565	3566	3567	3568	3569	3570
575.9	3570	3571	3572	3573	3574	3575	3576	3576	3577	3578
576.0	3579	3580	3581	3582	3583	3583	3584	3585	3586	3587
576.1	3588	3589	3589	3590	3591	3592	3593	3594	3594	3595
576.2	3596	3597	3598	3599	3599	3600	3601	3602	3603	3604
576.3	3604	3605	3606	3607	3608	3608	3609	3610	3611	3612
576.4	3613	3613	3614	3615	3616	3617	3617	3618	3619	3620
576.5	3621	3622	3622	3623	3624	3625	3626	3626	3627	3628
576.6	3629	3630	3630	3631	3632	3633	3634	3635	3635	3636
576.7	3637	3638	3639	3639	3640	3641	3642	3643	3643	3644
576.8	3645	3646	3647	3647	3648	3649	3650	3651	3651	3652
576.9	3653	3654	3655	3655	3656	3657	3658	3659	3659	3660
577.0	3661	3662	3663	3663	3664	3665	3666	3666	3667	3668
577.1	3669	3669	3670	3671	3671	3672	3673	3674	3674	3675
577.2	3676	3676	3677	3678	3679	3679	3680	3681	3681	3682
577.3	3683	3683	3684	3685	3686	3686	3687	3688	3688	3689
577.4	3690	3690	3691	3692	3692	3693	3694	3695	3695	3696
577.5	3697	3697	3698	3699	3699	3700	3701	3701	3702	3703
577.6	3704	3704	3705	3706	3706	3707	3708	3708	3709	3710
577.7	3710	3711	3712	3712	3713	3714	3715	3715	3716	3717
577.8	3717	3718	3719	3719	3720	3721	3721	3722	3723	3723
577.9	3724	3725	3725	3726	3727	3728	3728	3729	3730	3730

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
578.0	3731	3732	3732	3733	3734	3734	3735	3736	3736	3737
578.1	3738	3739	3739	3740	3741	3741	3742	3743	3744	3744
578.2	3745	3746	3747	3747	3748	3749	3750	3750	3751	3752
578.3	3753	3753	3754	3755	3756	3756	3757	3758	3759	3759
578.4	3760	3761	3762	3762	3763	3764	3765	3766	3766	3767
578.5	3768	3769	3769	3770	3771	3772	3772	3773	3774	3775
578.6	3776	3776	3777	3778	3779	3779	3780	3781	3782	3783
578.7	3783	3784	3785	3786	3786	3787	3788	3789	3790	3790
578.8	3791	3792	3793	3793	3794	3795	3796	3797	3797	3798
578.9	3799	3800	3801	3801	3802	3803	3804	3804	3805	3806
579.0	3807	3808	3809	3809	3810	3811	3812	3813	3814	3815
579.1	3816	3817	3817	3818	3819	3820	3821	3822	3823	3824
579.2	3825	3826	3826	3827	3828	3829	3830	3831	3832	3833
579.3	3834	3835	3836	3836	3837	3838	3839	3840	3841	3842
579.4	3843	3844	3845	3846	3846	3847	3848	3849	3850	3851
579.5	3852	3853	3854	3855	3856	3857	3857	3858	3859	3860
579.6	3861	3862	3863	3864	3865	3866	3867	3868	3868	3869
579.7	3870	3871	3872	3873	3874	3875	3876	3877	3878	3879
579.8	3880	3880	3881	3882	3883	3884	3885	3886	3887	3888
579.9	3889	3890	3891	3892	3893	3893	3894	3895	3896	3897
580.0	3898	3899	3900	3901	3902	3902	3903	3904	3905	3906
580.1	3907	3908	3909	3910	3911	3911	3912	3913	3914	3915
580.2	3916	3917	3918	3919	3920	3921	3921	3922	3923	3924
580.3	3925	3926	3927	3928	3929	3930	3931	3932	3932	3933
580.4	3934	3935	3936	3937	3938	3939	3940	3941	3942	3943
580.5	3943	3944	3945	3946	3947	3948	3949	3950	3951	3952
580.6	3953	3954	3954	3955	3956	3957	3958	3959	3960	3961
580.7	3962	3963	3964	3965	3966	3966	3967	3968	3969	3970
580.8	3971	3972	3973	3974	3975	3976	3977	3978	3978	3979
580.9	3980	3981	3982	3983	3984	3985	3986	3987	3988	3989
581.0	3990	3991	3991	3992	3993	3994	3995	3996	3997	3998
581.1	3999	4000	4001	4002	4003	4004	4005	4006	4006	4007
581.2	4008	4009	4010	4011	4012	4013	4014	4015	4016	4017
581.3	4018	4019	4020	4020	4021	4022	4023	4024	4025	4026
581.4	4027	4028	4029	4030	4031	4032	4033	4034	4034	4035

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
581.5	4036	4037	4038	4039	4040	4041	4042	4043	4044	4045
581.6	4046	4047	4048	4048	4049	4050	4051	4052	4053	4054
581.7	4055	4056	4057	4058	4059	4060	4061	4061	4062	4063
581.8	4064	4065	4066	4067	4068	4069	4070	4071	4072	4073
581.9	4074	4075	4075	4076	4077	4078	4079	4080	4081	4082
582.0	4083	4084	4085	4086	4087	4088	4088	4089	4090	4091
582.1	4092	4093	4094	4095	4096	4097	4098	4099	4100	4101
582.2	4102	4103	4103	4104	4105	4106	4107	4108	4109	4110
582.3	4111	4112	4113	4114	4115	4116	4117	4118	4118	4119
582.4	4120	4121	4122	4123	4124	4125	4126	4127	4128	4129
582.5	4130	4131	4132	4133	4134	4134	4135	4136	4137	4138
582.6	4139	4140	4141	4142	4143	4144	4145	4146	4147	4148
582.7	4149	4149	4150	4151	4152	4153	4154	4155	4156	4157
582.8	4158	4159	4160	4161	4162	4163	4164	4165	4166	4166
582.9	4167	4168	4169	4170	4171	4172	4173	4174	4175	4176
583.0	4177	4178	4179	4180	4181	4182	4183	4184	4185	4186
583.1	4187	4187	4188	4189	4190	4191	4192	4193	4194	4195
583.2	4196	4197	4198	4199	4200	4201	4202	4203	4203	4204
583.3	4205	4206	4207	4208	4209	4210	4211	4212	4213	4214
583.4	4215	4216	4217	4217	4218	4219	4220	4221	4222	4223
583.5	4224	4225	4226	4227	4228	4229	4229	4230	4231	4232
583.6	4233	4234	4235	4236	4237	4238	4239	4240	4241	4241
583.7	4242	4243	4244	4245	4246	4247	4248	4249	4250	4251
583.8	4252	4252	4253	4254	4255	4256	4257	4258	4259	4260
583.9	4261	4262	4263	4263	4264	4265	4266	4267	4268	4269
584.0	4270	4271	4272	4272	4273	4274	4275	4276	4277	4278
584.1	4279	4280	4281	4282	4282	4283	4284	4285	4286	4287
584.2	4288	4289	4290	4291	4292	4293	4294	4295	4296	4297
584.3	4297	4298	4299	4300	4301	4302	4303	4304	4305	4306
584.4	4307	4308	4309	4310	4311	4312	4313	4314	4315	4315
584.5	4316	4317	4318	4319	4320	4321	4322	4323	4324	4325
584.6	4326	4327	4328	4329	4330	4331	4332	4333	4334	4335
584.7	4336	4337	4338	4339	4339	4340	4341	4342	4343	4344
584.8	4345	4346	4347	4348	4349	4350	4351	4352	4353	4354
584.9	4355	4356	4357	4358	4359	4360	4361	4362	4363	4364

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
585.0	4365	4366	4367	4367	4368	4369	4370	4371	4372	4373
585.1	4374	4375	4376	4377	4378	4379	4380	4381	4382	4383
585.2	4383	4384	4385	4386	4387	4388	4389	4390	4391	4392
585.3	4393	4394	4395	4396	4397	4398	4398	4399	4400	4401
585.4	4402	4403	4404	4405	4406	4407	4408	4409	4410	4411
585.5	4412	4412	4413	4414	4415	4416	4417	4418	4419	4420
585.6	4421	4422	4423	4424	4425	4426	4426	4427	4428	4429
585.7	4430	4431	4432	4433	4434	4435	4436	4437	4438	4439
585.8	4439	4440	4441	4442	4443	4444	4445	4446	4447	4448
585.9	4449	4450	4451	4452	4452	4453	4454	4455	4456	4457
586.0	4458	4459	4460	4461	4462	4463	4464	4465	4465	4466
586.1	4467	4468	4469	4470	4471	4472	4473	4474	4475	4476
586.2	4477	4477	4478	4479	4480	4481	4482	4483	4484	4485
586.3	4486	4487	4488	4489	4490	4490	4491	4492	4493	4494
586.4	4495	4496	4497	4498	4499	4500	4501	4502	4503	4503
586.5	4504	4505	4506	4507	4508	4509	4510	4511	4512	4513
586.6	4514	4515	4516	4516	4517	4518	4519	4520	4521	4522
586.7	4523	4524	4525	4526	4527	4528	4529	4530	4530	4531
586.8	4532	4533	4534	4535	4536	4537	4538	4539	4540	4541
586.9	4542	4543	4543	4544	4545	4546	4547	4548	4549	4550
587.0	4551	4552	4553	4553	4554	4555	4556	4557	4558	4559
587.1	4560	4560	4561	4562	4563	4564	4565	4566	4567	4568
587.2	4569	4570	4571	4572	4573	4574	4575	4575	4576	4577
587.3	4578	4579	4580	4581	4582	4583	4584	4585	4586	4587
587.4	4588	4589	4590	4591	4592	4593	4594	4595	4596	4597
587.5	4598	4599	4600	4601	4602	4603	4604	4605	4606	4607
587.6	4608	4609	4610	4611	4612	4613	4614	4615	4616	4617
587.7	4618	4619	4620	4621	4622	4623	4624	4625	4626	4627
587.8	4628	4629	4630	4631	4632	4633	4634	4635	4636	4637
587.9	4638	4639	4640	4641	4642	4643	4644	4646	4647	4648
588.0	4649	4650	4651	4652	4652	4653	4654	4655	4656	4657
588.1	4658	4659	4660	4661	4662	4663	4664	4665	4666	4667
588.2	4668	4669	4670	4671	4672	4673	4674	4675	4676	4677
588.3	4678	4679	4679	4680	4681	4682	4683	4684	4685	4686
588.4	4687	4688	4689	4690	4691	4692	4693	4694	4695	4696

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
588.5	4697	4698	4699	4700	4701	4702	4703	4703	4704	4705
588.6	4706	4707	4708	4709	4710	4711	4712	4713	4714	4715
588.7	4716	4717	4718	4719	4720	4721	4722	4723	4724	4725
588.8	4726	4727	4727	4728	4729	4730	4731	4732	4733	4734
588.9	4735	4736	4737	4738	4739	4740	4741	4742	4743	4744
589.0	4745	4746	4747	4747	4748	4749	4750	4751	4752	4753
589.1	4754	4755	4756	4757	4758	4759	4760	4761	4762	4763
589.2	4764	4765	4766	4767	4767	4768	4769	4770	4771	4772
589.3	4773	4774	4775	4776	4777	4778	4779	4780	4781	4782
589.4	4783	4784	4785	4786	4787	4788	4789	4790	4791	4792
589.5	4793	4794	4795	4796	4797	4798	4799	4800	4800	4801
589.6	4802	4803	4804	4805	4806	4807	4808	4809	4810	4811
589.7	4812	4813	4814	4815	4816	4817	4818	4819	4820	4821
589.8	4822	4823	4824	4825	4826	4827	4828	4829	4830	4831
589.9	4832	4833	4834	4835	4836	4837	4838	4839	4840	4841
590.0	4842	4843	4844	4845	4846	4847	4848	4849	4850	4850
590.1	4851	4852	4853	4854	4855	4856	4857	4858	4859	4860
590.2	4861	4862	4863	4864	4865	4866	4867	4868	4869	4870
590.3	4871	4872	4873	4874	4875	4876	4877	4878	4879	4880
590.4	4881	4882	4883	4884	4885	4886	4887	4888	4889	4890
590.5	4891	4892	4893	4894	4895	4896	4897	4897	4898	4899
590.6	4900	4901	4902	4903	4904	4905	4906	4907	4908	4909
590.7	4910	4911	4912	4913	4914	4915	4916	4917	4918	4919
590.8	4920	4921	4922	4923	4924	4925	4926	4927	4928	4929
590.9	4930	4931	4932	4933	4934	4935	4936	4937	4938	4939
591.0	4940	4941	4942	4942	4943	4944	4945	4946	4947	4948
591.1	4949	4950	4951	4952	4953	4954	4955	4956	4957	4958
591.2	4959	4960	4961	4962	4963	4964	4965	4966	4967	4968
591.3	4969	4970	4971	4972	4973	4974	4975	4976	4977	4978
591.4	4979	4980	4981	4982	4983	4984	4985	4986	4987	4988
591.5	4989	4990	4991	4993	4994	4995	4996	4997	4998	4999
591.6	5000	5001	5002	5003	5004	5005	5006	5007	5008	5009
591.7	5010	5011	5012	5013	5014	5015	5016	5017	5018	5019
591.8	5020	5021	5022	5023	5024	5025	5026	5027	5028	5029
591.9	5030	5032	5033	5034	5035	5036	5037	5038	5039	5040

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
592.0	5041	5042	5043	5044	5045	5046	5047	5048	5049	5050
592.1	5051	5052	5053	5054	5055	5056	5057	5058	5059	5060
592.2	5061	5062	5063	5064	5065	5066	5067	5068	5069	5070
592.3	5071	5072	5073	5075	5076	5077	5078	5079	5080	5081
592.4	5082	5083	5084	5085	5086	5087	5088	5089	5090	5091
592.5	5092	5093	5094	5095	5096	5097	5098	5099	5100	5101
592.6	5102	5103	5104	5105	5106	5107	5108	5109	5110	5111
592.7	5112	5113	5114	5115	5116	5117	5118	5119	5120	5121
592.8	5122	5123	5124	5125	5126	5127	5128	5129	5130	5132
592.9	5133	5134	5135	5136	5137	5138	5139	5140	5141	5142
593.0	5143	5144	5145	5146	5147	5148	5149	5150	5151	5152
593.1	5153	5154	5155	5156	5157	5158	5159	5160	5161	5162
593.2	5163	5164	5165	5166	5167	5168	5169	5170	5172	5173
593.3	5174	5175	5176	5177	5178	5179	5180	5181	5182	5183
593.4	5184	5185	5186	5187	5188	5189	5190	5191	5192	5193
593.5	5194	5195	5196	5197	5199	5200	5201	5202	5203	5204
593.6	5205	5206	5207	5208	5209	5210	5211	5212	5213	5214
593.7	5215	5216	5217	5218	5219	5220	5221	5223	5224	5225
593.8	5226	5227	5228	5229	5230	5231	5232	5233	5234	5235
593.9	5236	5237	5238	5239	5240	5241	5242	5243	5244	5245
594.0	5247	5248	5248	5250	5251	5252	5253	5254	5255	5256
594.1	5257	5258	5259	5260	5261	5262	5263	5264	5265	5266
594.2	5267	5268	5269	5270	5271	5272	5273	5274	5276	5277
594.3	5278	5279	5280	5281	5282	5283	5284	5285	5286	5287
594.4	5288	5289	5290	5291	5292	5294	5295	5296	5297	5298
594.5	5299	5300	5301	5302	5303	5304	5305	5306	5307	5308
594.6	5310	5311	5312	5313	5314	5315	5316	5317	5318	5319
594.7	5320	5321	5322	5324	5325	5326	5327	5328	5329	5330
594.8	5331	5332	5333	5334	5335	5336	5337	5339	5340	5341
594.9	5342	5343	5344	5345	5346	5347	5348	5349	5350	5352
595.0	5353	5354	5355	5356	5357	5358	5359	5360	5361	5363
595.1	5364	5365	5366	5367	5368	5369	5370	5371	5373	5374
595.2	5375	5376	5377	5378	5379	5380	5381	5383	5384	5385
595.3	5386	5387	5388	5389	5390	5391	5393	5394	5395	5396
595.4	5397	5398	5399	5400	5402	5403	5404	5405	5406	5407

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
595.5	5408	5409	5410	5412	5413	5414	5415	5416	5417	5418
595.6	5419	5421	5422	5423	5424	5425	5426	5427	5428	5430
595.7	5431	5432	5433	5434	5435	5436	5437	5438	5440	5441
595.8	5442	5443	5444	5445	5446	5447	5449	5450	5451	5452
595.9	5453	5454	5455	5456	5458	5459	5460	5461	5462	5463
596.0	5464	5465	5467	5468	5469	5470	5471	5472	5473	5474
596.1	5476	5477	5478	5479	5480	5481	5482	5483	5485	5486
596.2	5487	5488	5489	5490	5491	5492	5494	5495	5496	5497
596.3	5498	5499	5500	5501	5503	5504	5505	5506	5507	5508
596.4	5509	5510	5512	5513	5514	5515	5516	5517	5518	5519
596.5	5521	5522	5523	5524	5525	5526	5527	5528	5530	5531
596.6	5532	5533	5534	5535	5536	5537	5539	5540	5541	5542
596.7	5543	5544	5545	5546	5548	5549	5550	5551	5552	5553
596.8	5554	5555	5557	5558	5559	5560	5561	5562	5563	5564
596.9	5565	5567	5568	5569	5570	5571	5572	5573	5574	5576
597.0	5577	5578	5579	5580	5581	5582	5583	5584	5586	5587
597.1	5588	5589	5590	5591	5592	5593	5595	5596	5597	5598
597.2	5599	5600	5601	5602	5604	5605	5606	5607	5608	5609
597.3	5610	5611	5613	5614	5615	5616	5617	5618	5619	5621
597.4	5622	5623	5624	5625	5626	5627	5628	5630	5631	5632
597.5	5633	5634	5635	5636	5638	5639	5640	5641	5642	5643
597.6	5644	5646	5647	5648	5649	5650	5651	5652	5653	5655
597.7	5656	5657	5658	5659	5660	5661	5663	5664	5665	5666
597.8	5667	5668	5669	5671	5672	5673	5674	5675	5676	5677
597.9	5679	5680	5681	5682	5683	5684	5685	5687	5688	5689
598.0	5690	5691	5692	5694	5695	5696	5697	5698	5699	5701
598.1	5702	5703	5704	5705	5706	5707	5709	5710	5711	5712
598.2	5713	5714	5715	5716	5718	5719	5720	5721	5722	5723
598.3	5724	5725	5727	5728	5729	5730	5731	5732	5733	5734
598.4	5736	5737	5738	5739	5740	5741	5742	5743	5745	5746
598.5	5747	5748	5749	5750	5751	5752	5753	5755	5756	5757
598.6	5758	5759	5760	5761	5762	5763	5765	5766	5767	5768
598.7	5769	5770	5771	5772	5773	5774	5776	5777	5778	5779
598.8	5780	5781	5782	5783	5784	5786	5787	5788	5789	5790
598.9	5791	5792	5793	5794	5795	5797	5798	5799	5800	5801

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
599.0	5802	5803	5804	5805	5806	5808	5809	5810	5811	5812
599.1	5813	5814	5815	5817	5818	5819	5820	5821	5822	5823
599.2	5824	5825	5827	5828	5829	5830	5831	5832	5833	5834
599.3	5836	5837	5838	5839	5840	5841	5842	5843	5844	5846
599.4	5847	5848	5849	5850	5851	5852	5853	5855	5856	5857
599.5	5858	5859	5860	5861	5862	5864	5865	5866	5867	5868
599.6	5869	5870	5871	5872	5874	5875	5876	5877	5878	5879
599.7	5880	5881	5883	5884	5885	5886	5887	5888	5889	5890
599.8	5891	5893	5894	5895	5896	5897	5898	5899	5900	5902
599.9	5903	5904	5905	5906	5907	5908	5909	5910	5912	5913
600.0	5914	5915	5916	5917	5918	5919	5920	5922	5923	5924
600.1	5925	5926	5927	5928	5929	5930	5932	5933	5934	5935
600.2	5936	5937	5938	5939	5940	5941	5943	5944	5945	5946
600.3	5947	5948	5949	5950	5951	5952	5954	5955	5956	5957
600.4	5958	5959	5960	5961	5962	5964	5965	5966	5967	5968
600.5	5969	5970	5971	5972	5973	5975	5976	5977	5978	5979
600.6	5980	5981	5982	5983	5985	5986	5987	5988	5989	5990
600.7	5991	5992	5993	5994	5996	5997	5998	5999	6000	6001
600.8	6002	6003	6004	6006	6007	6008	6009	6010	6011	6012
600.9	6013	6014	6015	6017	6018	6019	6020	6021	6022	6023
601.0	6024	6025	6027	6028	6029	6030	6031	6032	6033	6034
601.1	6036	6037	6038	6039	6040	6041	6042	6043	6044	6045
601.2	6046	6047	6049	6050	6051	6052	6053	6054	6055	6056
601.3	6057	6058	6059	6060	6061	6062	6064	6065	6066	6067
601.4	6068	6069	6070	6071	6072	6073	6074	6075	6076	6077
601.5	6078	6079	6080	6082	6083	6084	6085	6086	6087	6088
601.6	6089	6090	6091	6092	6093	6094	6095	6096	6097	6098
601.7	6099	6100	6102	6103	6104	6105	6106	6107	6108	6109
601.8	6110	6111	6112	6113	6114	6115	6116	6117	6118	6119
601.9	6120	6121	6122	6123	6124	6126	6127	6128	6129	6130
602.0	6131	6132	6133	6134	6135	6136	6137	6138	6139	6140
602.1	6141	6142	6143	6144	6145	6146	6147	6148	6150	6151
602.2	6152	6153	6154	6155	6156	6157	6158	6159	6160	6161
602.3	6162	6163	6164	6165	6166	6168	6169	6170	6171	6172
602.4	6173	6174	6175	6176	6177	6178	6179	6180	6181	6182

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
602.5	6184	6185	6186	6187	6188	6189	6190	6191	6192	6193
602.6	6194	6195	6196	6197	6198	6200	6201	6202	6203	6204
602.7	6205	6206	6207	6208	6209	6210	6211	6212	6213	6215
602.8	6216	6217	6218	6219	6220	6221	6222	6223	6224	6225
602.9	6226	6227	6228	6230	6231	6232	6233	6234	6235	6236
603.0	6237	6238	6239	6240	6241	6242	6244	6245	6246	6247
603.1	6248	6249	6250	6251	6252	6253	6254	6255	6257	6258
603.2	6259	6260	6261	6262	6263	6264	6265	6266	6267	6269
603.3	6270	6271	6272	6273	6274	6275	6276	6277	6278	6279
603.4	6281	6282	6283	6284	6285	6286	6287	6288	6289	6290
603.5	6291	6293	6294	6295	6296	6297	6298	6299	6300	6301
603.6	6302	6303	6304	6306	6307	6308	6309	6310	6311	6312
603.7	6313	6314	6315	6316	6318	6319	6320	6321	6322	6323
603.8	6324	6325	6326	6327	6328	6330	6331	6332	6333	6334
603.9	6335	6336	6337	6338	6339	6341	6342	6343	6344	6345
604.0	6346	6347	6348	6349	6350	6351	6352	6353	6355	6356
604.1	6357	6358	6359	6360	6361	6362	6363	6364	6365	6366
604.2	6367	6368	6370	6371	6372	6373	6374	6375	6376	6377
604.3	6378	6379	6380	6381	6382	6384	6385	6386	6387	6388
604.4	6389	6390	6391	6392	6393	6394	6395	6396	6397	6399
604.5	6400	6401	6402	6403	6404	6405	6406	6407	6408	6409
604.6	6410	6411	6412	6414	6415	6416	6417	6418	6419	6420
604.7	6421	6422	6423	6424	6425	6426	6427	6429	6430	6431
604.8	6432	6433	6434	6435	6436	6437	6438	6439	6440	6441
604.9	6442	6444	6445	6446	6447	6448	6449	6450	6451	6452
605.0	6453	6454	6455	6456	6458	6459	6460	6461	6462	6463
605.1	6464	6465	6466	6467	6468	6469	6471	6472	6473	6474
605.2	6475	6476	6477	6478	6479	6480	6481	6482	6484	6485
605.3	6486	6487	6488	6489	6490	6491	6492	6493	6494	6495
605.4	6497	6498	6499	6500	6501	6502	6503	6504	6505	6506
605.5	6507	6508	6510	6511	6512	6513	6514	6515	6516	6517
605.6	6518	6519	6520	6521	6523	6524	6525	6526	6527	6528
605.7	6529	6530	6531	6532	6533	6534	6536	6537	6538	6539
605.8	6540	6541	6542	6543	6544	6545	6546	6547	6549	6550
605.9	6551	6552	6553	6554	6555	6556	6557	6558	6559	6560

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
606.0	6561	6563	6564	6565	6566	6567	6568	6569	6570	6571
606.1	6572	6573	6574	6576	6577	6578	6579	6580	6581	6582
606.2	6583	6584	6585	6586	6587	6589	6590	6591	6592	6593
606.3	6594	6595	6596	6597	6598	6599	6601	6602	6603	6604
606.4	6605	6606	6607	6608	6609	6610	6611	6613	6614	6615
606.5	6616	6617	6618	6619	6620	6621	6622	6623	6625	6626
606.6	6627	6628	6629	6630	6631	6632	6633	6634	6636	6637
606.7	6638	6639	6640	6641	6642	6643	6644	6645	6646	6648
606.8	6649	6650	6651	6652	6653	6654	6655	6656	6657	6658
606.9	6660	6661	6662	6663	6664	6665	6666	6667	6668	6669
607.0	6671	6672	6673	6674	6675	6676	6677	6678	6679	6680
607.1	6681	6683	6684	6685	6686	6687	6688	6689	6690	6691
607.2	6692	6693	6694	6696	6697	6698	6699	6700	6701	6702
607.3	6703	6704	6705	6706	6708	6709	6710	6711	6712	6713
607.4	6714	6715	6716	6717	6718	6719	6721	6722	6723	6724
607.5	6725	6726	6727	6728	6729	6730	6731	6733	6734	6735
607.6	6736	6737	6738	6739	6740	6741	6742	6743	6744	6746
607.7	6747	6748	6749	6750	6751	6752	6753	6754	6755	6756
607.8	6758	6759	6760	6761	6762	6763	6764	6765	6766	6767
607.9	6768	6769	6771	6772	6773	6774	6775	6776	6777	6778
608.0	6779	6780	6781	6783	6784	6785	6786	6787	6788	6789
608.1	6790	6791	6792	6793	6794	6795	6797	6798	6799	6800
608.2	6801	6802	6803	6804	6805	6806	6807	6808	6810	6811
608.3	6812	6813	6814	6815	6816	6817	6818	6819	6820	6821
608.4	6822	6824	6825	6826	6827	6828	6829	6830	6831	6832
608.5	6833	6834	6835	6837	6838	6839	6840	6841	6842	6843
608.6	6844	6845	6846	6847	6848	6849	6851	6852	6853	6854
608.7	6855	6856	6857	6858	6859	6860	6861	6862	6863	6865
608.8	6866	6867	6868	6869	6870	6871	6872	6873	6874	6875
608.9	6876	6877	6879	6880	6881	6882	6883	6884	6885	6886
609.0	6887	6888	6889	6890	6891	6893	6894	6895	6896	6897
609.1	6898	6899	6900	6901	6902	6903	6904	6905	6906	6908
609.2	6909	6910	6911	6912	6913	6914	6915	6916	6917	6918
609.3	6919	6920	6921	6923	6924	6925	6926	6927	6928	6929
609.4	6930	6931	6932	6933	6934	6935	6936	6937	6939	6940

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
609.5	6941	6942	6943	6944	6945	6946	6947	6948	6949	6950
609.6	6951	6952	6953	6955	6956	6957	6958	6959	6960	6961
609.7	6962	6963	6964	6965	6966	6967	6968	6969	6971	6972
609.8	6973	6974	6975	6976	6977	6978	6979	6980	6981	6982
609.9	6983	6984	6985	6986	6988	6989	6990	6991	6992	6993
610.0	6994									

Capacity Table at 0.01-Foot Increments

The capacity table is in acre-feet with an elevation increment of one-hundredth of one foot.

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
463.0	0	0	0	0	0	0	0	0	0	0
463.1	0	0	0	0	0	0	0	0	0	0
463.2	0	0	0	0	0	0	0	0	0	0
463.3	0	0	0	0	0	0	0	0	0	0
463.4	0	0	0	0	0	0	0	0	0	0
463.5	0	0	0	0	0	0	0	0	0	0
463.6	0	0	0	0	0	0	0	0	0	0
463.7	0	0	0	0	0	0	0	0	0	0
463.8	0	0	0	0	0	0	0	0	0	0
463.9	0	0	0	0	0	0	0	0	0	0
464.0	0	0	0	0	0	0	0	0	0	0
464.1	0	0	0	0	0	0	0	0	0	0
464.2	0	0	0	0	0	0	0	0	0	0
464.3	0	0	0	0	0	0	0	0	0	0
464.4	0	0	0	0	0	0	0	0	0	0
464.5	0	0	0	0	0	0	0	0	0	0
464.6	0	0	0	0	0	0	0	0	0	0
464.7	0	0	0	0	0	0	0	0	0	0
464.8	0	0	0	0	0	0	0	0	0	0
464.9	0	0	0	0	0	0	0	0	0	0
465.0	0	0	0	0	0	0	0	0	0	0
465.1	0	0	0	0	0	0	0	0	0	0
465.2	0	0	0	0	0	0	0	0	0	0
465.3	0	0	0	0	0	0	0	0	0	0
465.4	0	0	0	0	0	0	0	0	0	0
465.5	0	0	0	0	0	0	0	0	0	0
465.6	0	0	0	0	0	0	0	0	0	0
465.7	0	0	0	0	0	0	0	0	0	0
465.8	0	0	0	0	0	0	0	0	0	0
465.9	0	0	0	0	0	0	0	0	0	0

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
466.0	0	0	0	0	0	0	0	0	0	0
466.1	0	0	0	0	0	0	0	0	0	0
466.2	1	1	1	1	1	1	1	1	1	1
466.3	1	1	1	1	1	1	1	1	1	1
466.4	1	1	1	1	1	1	1	1	1	1
466.5	1	1	1	1	1	1	1	1	1	1
466.6	1	1	1	1	1	1	1	1	1	1
466.7	1	1	1	1	1	1	1	1	1	1
466.8	1	1	1	1	1	1	1	1	1	1
466.9	1	1	1	1	1	1	1	1	1	1
467.0	1	1	1	1	1	1	1	1	1	1
467.1	1	1	1	1	1	1	1	1	1	1
467.2	1	1	1	1	1	1	1	1	1	1
467.3	1	1	1	1	1	1	1	1	1	1
467.4	1	1	1	1	1	1	1	1	1	2
467.5	2	2	2	2	2	2	2	2	2	2
467.6	2	2	2	2	2	2	2	2	2	2
467.7	2	2	2	2	2	2	2	2	2	2
467.8	2	2	2	2	2	2	2	2	2	2
467.9	2	2	2	2	2	2	2	2	2	2
468.0	2	2	2	2	2	2	2	2	2	3
468.1	3	3	3	3	3	3	3	3	3	3
468.2	3	3	3	3	3	3	3	3	3	3
468.3	3	3	3	3	3	3	3	3	3	3
468.4	3	3	3	3	3	3	3	3	3	3
468.5	3	4	4	4	4	4	4	4	4	4
468.6	4	4	4	4	4	4	4	4	4	4
468.7	4	4	4	4	4	4	4	4	4	4
468.8	4	4	4	4	4	5	5	5	5	5
468.9	5	5	5	5	5	5	5	5	5	5
469.0	5	5	5	5	5	5	5	5	5	5
469.1	5	5	5	5	5	6	6	6	6	6
469.2	6	6	6	6	6	6	6	6	6	6
469.3	6	6	6	6	6	6	6	6	6	6
469.4	6	6	6	7	7	7	7	7	7	7

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
469.5	7	7	7	7	7	7	7	7	7	7
469.6	7	7	7	7	7	7	7	7	7	8
469.7	8	8	8	8	8	8	8	8	8	8
469.8	8	8	8	8	8	8	8	8	8	8
469.9	8	8	9	9	9	9	9	9	9	9
470.0	9	9	9	9	9	9	9	9	9	9
470.1	9	9	9	10	10	10	10	10	10	10
470.2	10	10	10	10	10	10	10	10	10	10
470.3	10	10	11	11	11	11	11	11	11	11
470.4	11	11	11	11	11	11	11	11	11	11
470.5	11	12	12	12	12	12	12	12	12	12
470.6	12	12	12	12	12	12	12	12	13	13
470.7	13	13	13	13	13	13	13	13	13	13
470.8	13	13	13	13	13	14	14	14	14	14
470.9	14	14	14	14	14	14	14	14	14	14
471.0	15	15	15	15	15	15	15	15	15	15
471.1	15	15	15	15	15	15	16	16	16	16
471.2	16	16	16	16	16	16	16	16	16	16
471.3	16	17	17	17	17	17	17	17	17	17
471.4	17	17	17	17	17	18	18	18	18	18
471.5	18	18	18	18	18	18	18	18	19	19
471.6	19	19	19	19	19	19	19	19	19	19
471.7	19	19	20	20	20	20	20	20	20	20
471.8	20	20	20	20	21	21	21	21	21	21
471.9	21	21	21	21	21	21	22	22	22	22
472.0	22	22	22	22	22	22	22	22	23	23
472.1	23	23	23	23	23	23	23	23	23	24
472.2	24	24	24	24	24	24	24	24	24	24
472.3	25	25	25	25	25	25	25	25	25	25
472.4	25	26	26	26	26	26	26	26	26	26
472.5	26	27	27	27	27	27	27	27	27	27
472.6	27	28	28	28	28	28	28	28	28	28
472.7	28	29	29	29	29	29	29	29	29	29
472.8	30	30	30	30	30	30	30	30	30	31
472.9	31	31	31	31	31	31	31	31	31	32

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
473.0	32	32	32	32	32	32	32	32	33	33
473.1	33	33	33	33	33	33	34	34	34	34
473.2	34	34	34	34	34	35	35	35	35	35
473.3	35	35	35	35	36	36	36	36	36	36
473.4	36	36	37	37	37	37	37	37	37	37
473.5	38	38	38	38	38	38	38	38	39	39
473.6	39	39	39	39	39	39	40	40	40	40
473.7	40	40	40	40	41	41	41	41	41	41
473.8	41	41	42	42	42	42	42	42	42	42
473.9	43	43	43	43	43	43	43	44	44	44
474.0	44	44	44	44	44	45	45	45	45	45
474.1	45	45	46	46	46	46	46	46	46	46
474.2	47	47	47	47	47	47	47	48	48	48
474.3	48	48	48	48	49	49	49	49	49	49
474.4	49	49	50	50	50	50	50	50	50	51
474.5	51	51	51	51	51	51	52	52	52	52
474.6	52	52	52	53	53	53	53	53	53	53
474.7	54	54	54	54	54	54	54	55	55	55
474.8	55	55	55	56	56	56	56	56	56	56
474.9	57	57	57	57	57	57	57	58	58	58
475.0	58	58	58	58	59	59	59	59	59	59
475.1	60	60	60	60	60	60	60	61	61	61
475.2	61	61	61	61	62	62	62	62	62	62
475.3	63	63	63	63	63	63	63	64	64	64
475.4	64	64	64	65	65	65	65	65	65	66
475.5	66	66	66	66	66	66	67	67	67	67
475.6	67	67	68	68	68	68	68	68	69	69
475.7	69	69	69	69	69	70	70	70	70	70
475.8	70	71	71	71	71	71	71	72	72	72
475.9	72	72	72	73	73	73	73	73	73	74
476.0	74	74	74	74	74	75	75	75	75	75
476.1	75	76	76	76	76	76	76	77	77	77
476.2	77	77	77	78	78	78	78	78	78	79
476.3	79	79	79	79	79	80	80	80	80	80
476.4	81	81	81	81	81	81	82	82	82	82

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
476.5	82	82	83	83	83	83	83	84	84	84
476.6	84	84	84	85	85	85	85	85	85	86
476.7	86	86	86	86	87	87	87	87	87	87
476.8	88	88	88	88	88	89	89	89	89	89
476.9	90	90	90	90	90	90	91	91	91	91
477.0	91	92	92	92	92	92	93	93	93	93
477.1	93	93	94	94	94	94	94	95	95	95
477.2	95	95	96	96	96	96	96	97	97	97
477.3	97	97	98	98	98	98	98	99	99	99
477.4	99	99	100	100	100	100	100	101	101	101
477.5	101	101	102	102	102	102	102	103	103	103
477.6	103	103	104	104	104	104	104	105	105	105
477.7	105	106	106	106	106	106	107	107	107	107
477.8	107	108	108	108	108	108	109	109	109	109
477.9	110	110	110	110	110	111	111	111	111	111
478.0	112	112	112	112	113	113	113	113	113	114
478.1	114	114	114	115	115	115	115	115	116	116
478.2	116	116	117	117	117	117	117	118	118	118
478.3	118	119	119	119	119	119	120	120	120	120
478.4	121	121	121	121	122	122	122	122	122	123
478.5	123	123	123	124	124	124	124	125	125	125
478.6	125	125	126	126	126	126	127	127	127	127
478.7	128	128	128	128	129	129	129	129	129	130
478.8	130	130	130	131	131	131	131	132	132	132
478.9	132	133	133	133	133	134	134	134	134	135
479.0	135	135	135	136	136	136	136	136	137	137
479.1	137	137	138	138	138	138	139	139	139	139
479.2	140	140	140	140	141	141	141	141	142	142
479.3	142	142	143	143	143	143	144	144	144	144
479.4	145	145	145	145	146	146	146	147	147	147
479.5	147	148	148	148	148	149	149	149	149	150
479.6	150	150	150	151	151	151	151	152	152	152
479.7	152	153	153	153	153	154	154	154	155	155
479.8	155	155	156	156	156	156	157	157	157	157
479.9	158	158	158	159	159	159	159	160	160	160

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
480.0	160	161	161	161	161	162	162	162	163	163
480.1	163	163	164	164	164	164	165	165	165	166
480.2	166	166	166	167	167	167	167	168	168	168
480.3	169	169	169	169	170	170	170	170	171	171
480.4	171	172	172	172	172	173	173	173	174	174
480.5	174	174	175	175	175	176	176	176	176	177
480.6	177	177	177	178	178	178	179	179	179	179
480.7	180	180	180	181	181	181	181	182	182	182
480.8	183	183	183	183	184	184	184	185	185	185
480.9	185	186	186	186	187	187	187	188	188	188
481.0	188	189	189	189	190	190	190	190	191	191
481.1	191	192	192	192	192	193	193	193	194	194
481.2	194	195	195	195	195	196	196	196	197	197
481.3	197	198	198	198	198	199	199	199	200	200
481.4	200	201	201	201	201	202	202	202	203	203
481.5	203	204	204	204	204	205	205	205	206	206
481.6	206	207	207	207	207	208	208	208	209	209
481.7	209	210	210	210	211	211	211	211	212	212
481.8	212	213	213	213	214	214	214	215	215	215
481.9	216	216	216	216	217	217	217	218	218	218
482.0	219	219	219	220	220	220	221	221	221	221
482.1	222	222	222	223	223	223	224	224	224	225
482.2	225	225	226	226	226	227	227	227	228	228
482.3	228	229	229	229	229	230	230	230	231	231
482.4	231	232	232	232	233	233	233	234	234	234
482.5	235	235	235	236	236	236	237	237	237	238
482.6	238	238	239	239	239	240	240	240	241	241
482.7	241	242	242	242	243	243	243	244	244	244
482.8	245	245	245	246	246	246	247	247	247	248
482.9	248	248	249	249	249	250	250	250	251	251
483.0	251	252	252	252	253	253	253	254	254	255
483.1	255	255	256	256	256	257	257	257	258	258
483.2	258	259	259	259	260	260	260	261	261	261
483.3	262	262	262	263	263	264	264	264	265	265
483.4	265	266	266	266	267	267	267	268	268	268

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
483.5	269	269	270	270	270	271	271	271	272	272
483.6	272	273	273	273	274	274	275	275	275	276
483.7	276	276	277	277	277	278	278	279	279	279
483.8	280	280	280	281	281	281	282	282	283	283
483.9	283	284	284	284	285	285	286	286	286	287
484.0	287	287	288	288	288	289	289	290	290	290
484.1	291	291	291	292	292	293	293	293	294	294
484.2	294	295	295	296	296	296	297	297	298	298
484.3	298	299	299	299	300	300	301	301	301	302
484.4	302	302	303	303	304	304	304	305	305	306
484.5	306	306	307	307	308	308	308	309	309	309
484.6	310	310	311	311	311	312	312	313	313	313
484.7	314	314	315	315	315	316	316	317	317	317
484.8	318	318	319	319	319	320	320	321	321	321
484.9	322	322	323	323	323	324	324	325	325	325
485.0	326	326	327	327	327	328	328	329	329	329
485.1	330	330	331	331	332	332	332	333	333	334
485.2	334	334	335	335	336	336	336	337	337	338
485.3	338	339	339	339	340	340	341	341	341	342
485.4	342	343	343	344	344	344	345	345	346	346
485.5	346	347	347	348	348	349	349	349	350	350
485.6	351	351	352	352	352	353	353	354	354	355
485.7	355	355	356	356	357	357	358	358	358	359
485.8	359	360	360	361	361	362	362	362	363	363
485.9	364	364	365	365	365	366	366	367	367	368
486.0	368	369	369	369	370	370	371	371	372	372
486.1	373	373	373	374	374	375	375	376	376	377
486.2	377	378	378	378	379	379	380	380	381	381
486.3	382	382	383	383	383	384	384	385	385	386
486.4	386	387	387	388	388	388	389	389	390	390
486.5	391	391	392	392	393	393	394	394	395	395
486.6	395	396	396	397	397	398	398	399	399	400
486.7	400	401	401	402	402	403	403	404	404	404
486.8	405	405	406	406	407	407	408	408	409	409
486.9	410	410	411	411	412	412	413	413	414	414

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
487.0	415	415	416	416	417	417	418	418	419	419
487.1	420	420	421	421	422	422	423	423	424	424
487.2	425	425	426	426	427	427	428	428	429	429
487.3	430	430	431	431	432	432	433	433	434	434
487.4	435	435	436	436	437	437	438	438	439	439
487.5	440	440	441	441	442	442	443	443	444	444
487.6	445	445	446	446	447	447	448	449	449	450
487.7	450	451	451	452	452	453	453	454	454	455
487.8	455	456	456	457	458	458	459	459	460	460
487.9	461	461	462	462	463	463	464	465	465	466
488.0	466	467	467	468	468	469	469	470	471	471
488.1	472	472	473	473	474	474	475	476	476	477
488.2	477	478	478	479	479	480	481	481	482	482
488.3	483	483	484	485	485	486	486	487	487	488
488.4	489	489	490	490	491	491	492	493	493	494
488.5	494	495	495	496	497	497	498	498	499	500
488.6	500	501	501	502	502	503	504	504	505	505
488.7	506	507	507	508	508	509	510	510	511	511
488.8	512	513	513	514	514	515	516	516	517	518
488.9	518	519	519	520	521	521	522	522	523	524
489.0	524	525	526	526	527	527	528	529	529	530
489.1	531	531	532	532	533	534	534	535	536	536
489.2	537	538	538	539	539	540	541	541	542	543
489.3	543	544	545	545	546	547	547	548	549	549
489.4	550	551	551	552	552	553	554	554	555	556
489.5	556	557	558	558	559	560	561	561	562	563
489.6	563	564	565	565	566	567	567	568	569	569
489.7	570	571	571	572	573	573	574	575	576	576
489.8	577	578	578	579	580	580	581	582	583	583
489.9	584	585	585	586	587	588	588	589	590	590
490.0	591	592	593	593	594	595	595	596	597	598
490.1	598	599	600	601	601	602	603	603	604	605
490.2	606	606	607	608	609	609	610	611	612	612
490.3	613	614	615	615	616	617	618	618	619	620
490.4	621	621	622	623	624	624	625	626	627	627

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
490.5	628	629	630	630	631	632	633	633	634	635
490.6	636	637	637	638	639	640	640	641	642	643
490.7	643	644	645	646	647	647	648	649	650	651
490.8	651	652	653	654	654	655	656	657	658	658
490.9	659	660	661	662	662	663	664	665	666	666
491.0	667	668	669	670	670	671	672	673	674	674
491.1	675	676	677	678	678	679	680	681	682	683
491.2	683	684	685	686	687	687	688	689	690	691
491.3	692	692	693	694	695	696	696	697	698	699
491.4	700	701	701	702	703	704	705	706	706	707
491.5	708	709	710	711	712	712	713	714	715	716
491.6	717	717	718	719	720	721	722	723	723	724
491.7	725	726	727	728	729	729	730	731	732	733
491.8	734	735	735	736	737	738	739	740	741	741
491.9	742	743	744	745	746	747	748	748	749	750
492.0	751	752	753	754	755	755	756	757	758	759
492.1	760	761	762	763	763	764	765	766	767	768
492.2	769	770	771	771	772	773	774	775	776	777
492.3	778	779	780	780	781	782	783	784	785	786
492.4	787	788	789	789	790	791	792	793	794	795
492.5	796	797	798	799	800	800	801	802	803	804
492.6	805	806	807	808	809	810	811	812	812	813
492.7	814	815	816	817	818	819	820	821	822	823
492.8	824	825	826	827	827	828	829	830	831	832
492.9	833	834	835	836	837	838	839	840	841	842
493.0	843	844	845	846	847	848	848	849	850	851
493.1	852	853	854	855	856	857	858	859	860	861
493.2	862	863	864	865	866	867	868	869	870	871
493.3	872	873	874	875	876	877	878	879	880	881
493.4	882	883	884	885	886	887	888	889	890	891
493.5	892	893	894	895	896	897	898	899	900	901
493.6	902	903	904	905	906	907	908	909	910	911
493.7	912	913	914	915	916	917	918	919	920	921
493.8	922	923	924	925	926	927	928	929	930	931
493.9	932	934	935	936	937	938	939	940	941	942

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
494.0	943	944	945	946	947	948	949	950	951	952
494.1	953	954	956	957	958	959	960	961	962	963
494.2	964	965	966	967	968	969	970	971	973	974
494.3	975	976	977	978	979	980	981	982	983	984
494.4	985	986	988	989	990	991	992	993	994	995
494.5	996	997	998	1000	1001	1002	1003	1004	1005	1006
494.6	1007	1008	1009	1010	1012	1013	1014	1015	1016	1017
494.7	1018	1019	1020	1021	1023	1024	1025	1026	1027	1028
494.8	1029	1030	1031	1033	1034	1035	1036	1037	1038	1039
494.9	1040	1042	1043	1044	1045	1046	1047	1048	1049	1051
495.0	1052	1053	1054	1055	1056	1057	1058	1060	1061	1062
495.1	1063	1064	1065	1066	1068	1069	1070	1071	1072	1073
495.2	1074	1075	1077	1078	1079	1080	1081	1082	1084	1085
495.3	1086	1087	1088	1089	1090	1092	1093	1094	1095	1096
495.4	1097	1099	1100	1101	1102	1103	1104	1105	1107	1108
495.5	1109	1110	1111	1112	1114	1115	1116	1117	1118	1120
495.6	1121	1122	1123	1124	1125	1127	1128	1129	1130	1131
495.7	1132	1134	1135	1136	1137	1138	1140	1141	1142	1143
495.8	1144	1146	1147	1148	1149	1150	1152	1153	1154	1155
495.9	1156	1157	1159	1160	1161	1162	1163	1165	1166	1167
496.0	1168	1170	1171	1172	1173	1174	1176	1177	1178	1179
496.1	1180	1182	1183	1184	1185	1186	1188	1189	1190	1191
496.2	1193	1194	1195	1196	1197	1199	1200	1201	1202	1204
496.3	1205	1206	1207	1209	1210	1211	1212	1214	1215	1216
496.4	1217	1218	1220	1221	1222	1223	1225	1226	1227	1228
496.5	1230	1231	1232	1233	1235	1236	1237	1238	1240	1241
496.6	1242	1243	1245	1246	1247	1248	1250	1251	1252	1254
496.7	1255	1256	1257	1259	1260	1261	1262	1264	1265	1266
496.8	1268	1269	1270	1271	1273	1274	1275	1276	1278	1279
496.9	1280	1282	1283	1284	1285	1287	1288	1289	1291	1292
497.0	1293	1295	1296	1297	1298	1300	1301	1302	1304	1305
497.1	1306	1308	1309	1310	1311	1313	1314	1315	1317	1318
497.2	1319	1321	1322	1323	1325	1326	1327	1329	1330	1331
497.3	1332	1334	1335	1336	1338	1339	1340	1342	1343	1344
497.4	1346	1347	1348	1350	1351	1352	1354	1355	1356	1358

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
497.5	1359	1360	1362	1363	1365	1366	1367	1369	1370	1371
497.6	1373	1374	1375	1377	1378	1379	1381	1382	1383	1385
497.7	1386	1388	1389	1390	1392	1393	1394	1396	1397	1398
497.8	1400	1401	1403	1404	1405	1407	1408	1409	1411	1412
497.9	1414	1415	1416	1418	1419	1421	1422	1423	1425	1426
498.0	1427	1429	1430	1432	1433	1434	1436	1437	1439	1440
498.1	1441	1443	1444	1446	1447	1448	1450	1451	1453	1454
498.2	1456	1457	1458	1460	1461	1463	1464	1465	1467	1468
498.3	1470	1471	1473	1474	1475	1477	1478	1480	1481	1482
498.4	1484	1485	1487	1488	1490	1491	1493	1494	1495	1497
498.5	1498	1500	1501	1503	1504	1506	1507	1508	1510	1511
498.6	1513	1514	1516	1517	1519	1520	1521	1523	1524	1526
498.7	1527	1529	1530	1532	1533	1535	1536	1538	1539	1540
498.8	1542	1543	1545	1546	1548	1549	1551	1552	1554	1555
498.9	1557	1558	1560	1561	1563	1564	1566	1567	1569	1570
499.0	1572	1573	1575	1576	1578	1579	1581	1582	1584	1585
499.1	1587	1588	1590	1591	1593	1594	1596	1597	1599	1600
499.2	1602	1603	1605	1606	1608	1609	1611	1612	1614	1615
499.3	1617	1618	1620	1621	1623	1624	1626	1627	1629	1630
499.4	1632	1633	1635	1637	1638	1640	1641	1643	1644	1646
499.5	1647	1649	1650	1652	1653	1655	1657	1658	1660	1661
499.6	1663	1664	1666	1667	1669	1670	1672	1674	1675	1677
499.7	1678	1680	1681	1683	1684	1686	1688	1689	1691	1692
499.8	1694	1695	1697	1699	1700	1702	1703	1705	1706	1708
499.9	1710	1711	1713	1714	1716	1717	1719	1721	1722	1724
500.0	1725	1727	1729	1730	1732	1733	1735	1736	1738	1740
500.1	1741	1743	1744	1746	1748	1749	1751	1752	1754	1756
500.2	1757	1759	1760	1762	1764	1765	1767	1769	1770	1772
500.3	1773	1775	1777	1778	1780	1781	1783	1785	1786	1788
500.4	1790	1791	1793	1794	1796	1798	1799	1801	1803	1804
500.5	1806	1807	1809	1811	1812	1814	1816	1817	1819	1821
500.6	1822	1824	1825	1827	1829	1830	1832	1834	1835	1837
500.7	1839	1840	1842	1844	1845	1847	1849	1850	1852	1854
500.8	1855	1857	1859	1860	1862	1864	1865	1867	1869	1870
500.9	1872	1874	1875	1877	1879	1880	1882	1884	1885	1887

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
501.0	1889	1890	1892	1894	1895	1897	1899	1900	1902	1904
501.1	1905	1907	1909	1911	1912	1914	1916	1917	1919	1921
501.2	1922	1924	1926	1928	1929	1931	1933	1934	1936	1938
501.3	1939	1941	1943	1945	1946	1948	1950	1951	1953	1955
501.4	1957	1958	1960	1962	1963	1965	1967	1969	1970	1972
501.5	1974	1976	1977	1979	1981	1982	1984	1986	1988	1989
501.6	1991	1993	1995	1996	1998	2000	2002	2003	2005	2007
501.7	2008	2010	2012	2014	2015	2017	2019	2021	2022	2024
501.8	2026	2028	2030	2031	2033	2035	2037	2038	2040	2042
501.9	2044	2045	2047	2049	2051	2052	2054	2056	2058	2060
502.0	2061	2063	2065	2067	2068	2070	2072	2074	2076	2077
502.1	2079	2081	2083	2084	2086	2088	2090	2092	2093	2095
502.2	2097	2099	2101	2102	2104	2106	2108	2110	2111	2113
502.3	2115	2117	2119	2120	2122	2124	2126	2128	2129	2131
502.4	2133	2135	2137	2138	2140	2142	2144	2146	2148	2149
502.5	2151	2153	2155	2157	2158	2160	2162	2164	2166	2168
502.6	2169	2171	2173	2175	2177	2179	2180	2182	2184	2186
502.7	2188	2190	2192	2193	2195	2197	2199	2201	2203	2204
502.8	2206	2208	2210	2212	2214	2216	2217	2219	2221	2223
502.9	2225	2227	2229	2230	2232	2234	2236	2238	2240	2242
503.0	2243	2245	2247	2249	2251	2253	2255	2257	2258	2260
503.1	2262	2264	2266	2268	2270	2272	2273	2275	2277	2279
503.2	2281	2283	2285	2287	2289	2290	2292	2294	2296	2298
503.3	2300	2302	2304	2306	2308	2309	2311	2313	2315	2317
503.4	2319	2321	2323	2325	2327	2329	2330	2332	2334	2336
503.5	2338	2340	2342	2344	2346	2348	2350	2352	2353	2355
503.6	2357	2359	2361	2363	2365	2367	2369	2371	2373	2375
503.7	2377	2379	2381	2382	2384	2386	2388	2390	2392	2394
503.8	2396	2398	2400	2402	2404	2406	2408	2410	2412	2414
503.9	2416	2418	2420	2421	2423	2425	2427	2429	2431	2433
504.0	2435	2437	2439	2441	2443	2445	2447	2449	2451	2453
504.1	2455	2457	2459	2461	2463	2465	2467	2469	2471	2473
504.2	2475	2477	2479	2481	2483	2485	2487	2489	2491	2493
504.3	2495	2497	2499	2501	2503	2505	2507	2509	2511	2513
504.4	2515	2517	2519	2521	2523	2525	2527	2529	2531	2533

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
504.5	2535	2537	2539	2541	2543	2545	2547	2549	2551	2553
504.6	2555	2557	2559	2561	2563	2565	2567	2569	2571	2573
504.7	2575	2577	2579	2582	2584	2586	2588	2590	2592	2594
504.8	2596	2598	2600	2602	2604	2606	2608	2610	2612	2614
504.9	2616	2618	2621	2623	2625	2627	2629	2631	2633	2635
505.0	2637	2639	2641	2643	2645	2647	2649	2652	2654	2656
505.1	2658	2660	2662	2664	2666	2668	2670	2672	2675	2677
505.2	2679	2681	2683	2685	2687	2689	2691	2693	2695	2698
505.3	2700	2702	2704	2706	2708	2710	2712	2714	2717	2719
505.4	2721	2723	2725	2727	2729	2731	2734	2736	2738	2740
505.5	2742	2744	2746	2748	2751	2753	2755	2757	2759	2761
505.6	2763	2766	2768	2770	2772	2774	2776	2778	2781	2783
505.7	2785	2787	2789	2791	2794	2796	2798	2800	2802	2804
505.8	2806	2809	2811	2813	2815	2817	2819	2822	2824	2826
505.9	2828	2830	2833	2835	2837	2839	2841	2843	2846	2848
506.0	2850	2852	2854	2857	2859	2861	2863	2865	2868	2870
506.1	2872	2874	2876	2879	2881	2883	2885	2887	2890	2892
506.2	2894	2896	2899	2901	2903	2905	2907	2910	2912	2914
506.3	2916	2919	2921	2923	2925	2927	2930	2932	2934	2936
506.4	2939	2941	2943	2945	2948	2950	2952	2954	2957	2959
506.5	2961	2963	2966	2968	2970	2972	2975	2977	2979	2982
506.6	2984	2986	2988	2991	2993	2995	2997	3000	3002	3004
506.7	3007	3009	3011	3013	3016	3018	3020	3023	3025	3027
506.8	3029	3032	3034	3036	3039	3041	3043	3046	3048	3050
506.9	3052	3055	3057	3059	3062	3064	3066	3069	3071	3073
507.0	3076	3078	3080	3083	3085	3087	3090	3092	3094	3097
507.1	3099	3101	3104	3106	3108	3111	3113	3115	3118	3120
507.2	3122	3125	3127	3129	3132	3134	3136	3139	3141	3143
507.3	3146	3148	3151	3153	3155	3158	3160	3162	3165	3167
507.4	3169	3172	3174	3177	3179	3181	3184	3186	3188	3191
507.5	3193	3196	3198	3200	3203	3205	3208	3210	3212	3215
507.6	3217	3220	3222	3224	3227	3229	3232	3234	3236	3239
507.7	3241	3244	3246	3249	3251	3253	3256	3258	3261	3263
507.8	3266	3268	3270	3273	3275	3278	3280	3283	3285	3287
507.9	3290	3292	3295	3297	3300	3302	3305	3307	3310	3312

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
508.0	3314	3317	3319	3322	3324	3327	3329	3332	3334	3337
508.1	3339	3342	3344	3347	3349	3351	3354	3356	3359	3361
508.2	3364	3366	3369	3371	3374	3376	3379	3381	3384	3386
508.3	3389	3391	3394	3396	3399	3401	3404	3406	3409	3411
508.4	3414	3416	3419	3422	3424	3427	3429	3432	3434	3437
508.5	3439	3442	3444	3447	3449	3452	3454	3457	3460	3462
508.6	3465	3467	3470	3472	3475	3477	3480	3483	3485	3488
508.7	3490	3493	3495	3498	3501	3503	3506	3508	3511	3513
508.8	3516	3519	3521	3524	3526	3529	3531	3534	3537	3539
508.9	3542	3544	3547	3550	3552	3555	3557	3560	3563	3565
509.0	3568	3571	3573	3576	3578	3581	3584	3586	3589	3592
509.1	3594	3597	3599	3602	3605	3607	3610	3613	3615	3618
509.2	3621	3623	3626	3628	3631	3634	3636	3639	3642	3644
509.3	3647	3650	3652	3655	3658	3660	3663	3666	3668	3671
509.4	3674	3676	3679	3682	3684	3687	3690	3692	3695	3698
509.5	3701	3703	3706	3709	3711	3714	3717	3719	3722	3725
509.6	3728	3730	3733	3736	3738	3741	3744	3747	3749	3752
509.7	3755	3758	3760	3763	3766	3768	3771	3774	3777	3779
509.8	3782	3785	3788	3790	3793	3796	3799	3801	3804	3807
509.9	3810	3812	3815	3818	3821	3823	3826	3829	3832	3835
510.0	3837	3840	3843	3846	3848	3851	3854	3857	3860	3862
510.1	3865	3868	3871	3874	3876	3879	3882	3885	3888	3890
510.2	3893	3896	3899	3902	3904	3907	3910	3913	3916	3919
510.3	3921	3924	3927	3930	3933	3936	3938	3941	3944	3947
510.4	3950	3953	3955	3958	3961	3964	3967	3970	3973	3975
510.5	3978	3981	3984	3987	3990	3993	3996	3998	4001	4004
510.6	4007	4010	4013	4016	4019	4021	4024	4027	4030	4033
510.7	4036	4039	4042	4045	4048	4050	4053	4056	4059	4062
510.8	4065	4068	4071	4074	4077	4080	4083	4085	4088	4091
510.9	4094	4097	4100	4103	4106	4109	4112	4115	4118	4121
511.0	4124	4127	4130	4133	4135	4138	4141	4144	4147	4150
511.1	4153	4156	4159	4162	4165	4168	4171	4174	4177	4180
511.2	4183	4186	4189	4192	4195	4198	4201	4204	4207	4210
511.3	4213	4216	4219	4222	4225	4228	4231	4234	4237	4240
511.4	4243	4246	4249	4252	4255	4258	4261	4264	4267	4270

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
511.5	4273	4277	4280	4283	4286	4289	4292	4295	4298	4301
511.6	4304	4307	4310	4313	4316	4319	4322	4325	4329	4332
511.7	4335	4338	4341	4344	4347	4350	4353	4356	4359	4362
511.8	4366	4369	4372	4375	4378	4381	4384	4387	4390	4394
511.9	4397	4400	4403	4406	4409	4412	4415	4419	4422	4425
512.0	4428	4431	4434	4437	4440	4444	4447	4450	4453	4456
512.1	4459	4463	4466	4469	4472	4475	4478	4481	4485	4488
512.2	4491	4494	4497	4501	4504	4507	4510	4513	4516	4520
512.3	4523	4526	4529	4532	4536	4539	4542	4545	4548	4552
512.4	4555	4558	4561	4564	4568	4571	4574	4577	4581	4584
512.5	4587	4590	4594	4597	4600	4603	4606	4610	4613	4616
512.6	4619	4623	4626	4629	4633	4636	4639	4642	4646	4649
512.7	4652	4655	4659	4662	4665	4669	4672	4675	4678	4682
512.8	4685	4688	4692	4695	4698	4701	4705	4708	4711	4715
512.9	4718	4721	4725	4728	4731	4735	4738	4741	4745	4748
513.0	4751	4755	4758	4761	4765	4768	4771	4775	4778	4781
513.1	4785	4788	4792	4795	4798	4802	4805	4808	4812	4815
513.2	4819	4822	4825	4829	4832	4835	4839	4842	4846	4849
513.3	4852	4856	4859	4863	4866	4870	4873	4876	4880	4883
513.4	4887	4890	4893	4897	4900	4904	4907	4911	4914	4918
513.5	4921	4924	4928	4931	4935	4938	4942	4945	4949	4952
513.6	4956	4959	4963	4966	4969	4973	4976	4980	4983	4987
513.7	4990	4994	4997	5001	5004	5008	5011	5015	5018	5022
513.8	5025	5029	5032	5036	5040	5043	5047	5050	5054	5057
513.9	5061	5064	5068	5071	5075	5078	5082	5086	5089	5093
514.0	5096	5100	5103	5107	5110	5114	5118	5121	5125	5128
514.1	5132	5136	5139	5143	5146	5150	5153	5157	5161	5164
514.2	5168	5171	5175	5179	5182	5186	5189	5193	5197	5200
514.3	5204	5208	5211	5215	5218	5222	5226	5229	5233	5237
514.4	5240	5244	5248	5251	5255	5259	5262	5266	5269	5273
514.5	5277	5280	5284	5288	5291	5295	5299	5303	5306	5310
514.6	5314	5317	5321	5325	5328	5332	5336	5339	5343	5347
514.7	5350	5354	5358	5362	5365	5369	5373	5376	5380	5384
514.8	5388	5391	5395	5399	5403	5406	5410	5414	5418	5421
514.9	5425	5429	5433	5436	5440	5444	5448	5451	5455	5459

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
515.0	5463	5466	5470	5474	5478	5481	5485	5489	5493	5497
515.1	5500	5504	5508	5512	5516	5519	5523	5527	5531	5535
515.2	5538	5542	5546	5550	5554	5557	5561	5565	5569	5573
515.3	5577	5580	5584	5588	5592	5596	5600	5603	5607	5611
515.4	5615	5619	5623	5626	5630	5634	5638	5642	5646	5650
515.5	5653	5657	5661	5665	5669	5673	5677	5681	5685	5688
515.6	5692	5696	5700	5704	5708	5712	5716	5720	5723	5727
515.7	5731	5735	5739	5743	5747	5751	5755	5759	5763	5767
515.8	5770	5774	5778	5782	5786	5790	5794	5798	5802	5806
515.9	5810	5814	5818	5822	5826	5830	5834	5838	5842	5846
516.0	5850	5853	5857	5861	5865	5869	5873	5877	5881	5885
516.1	5889	5893	5897	5901	5905	5909	5913	5917	5921	5925
516.2	5929	5933	5937	5941	5945	5949	5953	5957	5962	5966
516.3	5970	5974	5978	5982	5986	5990	5994	5998	6002	6006
516.4	6010	6014	6018	6022	6026	6030	6034	6038	6043	6047
516.5	6051	6055	6059	6063	6067	6071	6075	6079	6083	6087
516.6	6092	6096	6100	6104	6108	6112	6116	6120	6124	6128
516.7	6133	6137	6141	6145	6149	6153	6157	6161	6166	6170
516.8	6174	6178	6182	6186	6190	6195	6199	6203	6207	6211
516.9	6215	6220	6224	6228	6232	6236	6240	6245	6249	6253
517.0	6257	6261	6265	6270	6274	6278	6282	6286	6291	6295
517.1	6299	6303	6307	6312	6316	6320	6324	6329	6333	6337
517.2	6341	6345	6350	6354	6358	6362	6367	6371	6375	6379
517.3	6384	6388	6392	6396	6401	6405	6409	6413	6418	6422
517.4	6426	6430	6435	6439	6443	6447	6452	6456	6460	6465
517.5	6469	6473	6477	6482	6486	6490	6495	6499	6503	6508
517.6	6512	6516	6521	6525	6529	6533	6538	6542	6546	6551
517.7	6555	6559	6564	6568	6572	6577	6581	6585	6590	6594
517.8	6599	6603	6607	6612	6616	6620	6625	6629	6633	6638
517.9	6642	6647	6651	6655	6660	6664	6668	6673	6677	6682
518.0	6686	6690	6695	6699	6704	6708	6712	6717	6721	6726
518.1	6730	6734	6739	6743	6748	6752	6757	6761	6765	6770
518.2	6774	6779	6783	6788	6792	6797	6801	6805	6810	6814
518.3	6819	6823	6828	6832	6837	6841	6846	6850	6855	6859
518.4	6863	6868	6872	6877	6881	6886	6890	6895	6899	6904

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
518.5	6908	6913	6917	6922	6926	6931	6935	6940	6944	6949
518.6	6954	6958	6963	6967	6972	6976	6981	6985	6990	6994
518.7	6999	7003	7008	7013	7017	7022	7026	7031	7035	7040
518.8	7044	7049	7054	7058	7063	7067	7072	7077	7081	7086
518.9	7090	7095	7099	7104	7109	7113	7118	7122	7127	7132
519.0	7136	7141	7146	7150	7155	7159	7164	7169	7173	7178
519.1	7183	7187	7192	7196	7201	7206	7210	7215	7220	7224
519.2	7229	7234	7238	7243	7248	7252	7257	7262	7266	7271
519.3	7276	7280	7285	7290	7294	7299	7304	7309	7313	7318
519.4	7323	7327	7332	7337	7342	7346	7351	7356	7360	7365
519.5	7370	7375	7379	7384	7389	7394	7398	7403	7408	7412
519.6	7417	7422	7427	7432	7436	7441	7446	7451	7455	7460
519.7	7465	7470	7474	7479	7484	7489	7494	7498	7503	7508
519.8	7513	7518	7522	7527	7532	7537	7542	7546	7551	7556
519.9	7561	7566	7570	7575	7580	7585	7590	7595	7599	7604
520.0	7609	7614	7619	7624	7629	7633	7638	7643	7648	7653
520.1	7658	7663	7667	7672	7677	7682	7687	7692	7697	7702
520.2	7707	7711	7716	7721	7726	7731	7736	7741	7746	7751
520.3	7756	7760	7765	7770	7775	7780	7785	7790	7795	7800
520.4	7805	7810	7815	7820	7825	7830	7834	7839	7844	7849
520.5	7854	7859	7864	7869	7874	7879	7884	7889	7894	7899
520.6	7904	7909	7914	7919	7924	7929	7934	7939	7944	7949
520.7	7954	7959	7964	7969	7974	7979	7984	7989	7994	7999
520.8	8004	8009	8014	8019	8024	8029	8035	8040	8045	8050
520.9	8055	8060	8065	8070	8075	8080	8085	8090	8095	8100
521.0	8105	8111	8116	8121	8126	8131	8136	8141	8146	8151
521.1	8156	8162	8167	8172	8177	8182	8187	8192	8197	8203
521.2	8208	8213	8218	8223	8228	8233	8239	8244	8249	8254
521.3	8259	8264	8269	8275	8280	8285	8290	8295	8300	8306
521.4	8311	8316	8321	8326	8332	8337	8342	8347	8352	8358
521.5	8363	8368	8373	8378	8384	8389	8394	8399	8404	8410
521.6	8415	8420	8425	8431	8436	8441	8446	8452	8457	8462
521.7	8467	8473	8478	8483	8488	8494	8499	8504	8509	8515
521.8	8520	8525	8531	8536	8541	8546	8552	8557	8562	8568
521.9	8573	8578	8584	8589	8594	8600	8605	8610	8615	8621

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
522.0	8626	8631	8637	8642	8647	8653	8658	8663	8669	8674
522.1	8679	8685	8690	8696	8701	8706	8712	8717	8722	8728
522.2	8733	8738	8744	8749	8755	8760	8765	8771	8776	8782
522.3	8787	8792	8798	8803	8809	8814	8819	8825	8830	8836
522.4	8841	8846	8852	8857	8863	8868	8874	8879	8885	8890
522.5	8895	8901	8906	8912	8917	8923	8928	8934	8939	8945
522.6	8950	8955	8961	8966	8972	8977	8983	8988	8994	8999
522.7	9005	9010	9016	9021	9027	9032	9038	9043	9049	9054
522.8	9060	9065	9071	9076	9082	9088	9093	9099	9104	9110
522.9	9115	9121	9126	9132	9137	9143	9149	9154	9160	9165
523.0	9171	9176	9182	9188	9193	9199	9204	9210	9215	9221
523.1	9227	9232	9238	9243	9249	9255	9260	9266	9272	9277
523.2	9283	9288	9294	9300	9305	9311	9317	9322	9328	9333
523.3	9339	9345	9350	9356	9362	9367	9373	9379	9384	9390
523.4	9396	9401	9407	9413	9418	9424	9430	9435	9441	9447
523.5	9453	9458	9464	9470	9475	9481	9487	9492	9498	9504
523.6	9510	9515	9521	9527	9533	9538	9544	9550	9556	9561
523.7	9567	9573	9579	9584	9590	9596	9602	9607	9613	9619
523.8	9625	9630	9636	9642	9648	9654	9659	9665	9671	9677
523.9	9683	9688	9694	9700	9706	9712	9717	9723	9729	9735
524.0	9741	9746	9752	9758	9764	9770	9776	9782	9787	9793
524.1	9799	9805	9811	9817	9822	9828	9834	9840	9846	9852
524.2	9858	9864	9869	9875	9881	9887	9893	9899	9905	9911
524.3	9917	9923	9928	9934	9940	9946	9952	9958	9964	9970
524.4	9976	9982	9988	9994	10000	10005	10011	10017	10023	10029
524.5	10035	10041	10047	10053	10059	10065	10071	10077	10083	10089
524.6	10095	10101	10107	10113	10119	10125	10131	10137	10143	10149
524.7	10155	10161	10167	10173	10179	10185	10191	10197	10203	10209
524.8	10215	10221	10227	10233	10239	10245	10251	10257	10263	10269
524.9	10276	10282	10288	10294	10300	10306	10312	10318	10324	10330
525.0	10336	10342	10348	10355	10361	10367	10373	10379	10385	10391
525.1	10397	10403	10409	10416	10422	10428	10434	10440	10446	10452
525.2	10458	10465	10471	10477	10483	10489	10495	10502	10508	10514
525.3	10520	10526	10532	10539	10545	10551	10557	10563	10569	10576
525.4	10582	10588	10594	10600	10607	10613	10619	10625	10631	10638

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
525.5	10644	10650	10656	10663	10669	10675	10681	10687	10694	10700
525.6	10706	10712	10719	10725	10731	10737	10744	10750	10756	10762
525.7	10769	10775	10781	10788	10794	10800	10806	10813	10819	10825
525.8	10832	10838	10844	10851	10857	10863	10870	10876	10882	10888
525.9	10895	10901	10907	10914	10920	10927	10933	10939	10946	10952
526.0	10958	10965	10971	10977	10984	10990	10996	11003	11009	11016
526.1	11022	11028	11035	11041	11048	11054	11060	11067	11073	11080
526.2	11086	11092	11099	11105	11112	11118	11125	11131	11137	11144
526.3	11150	11157	11163	11170	11176	11183	11189	11195	11202	11208
526.4	11215	11221	11228	11234	11241	11247	11254	11260	11267	11273
526.5	11280	11286	11293	11299	11306	11312	11319	11325	11332	11338
526.6	11345	11351	11358	11365	11371	11378	11384	11391	11397	11404
526.7	11410	11417	11424	11430	11437	11443	11450	11456	11463	11470
526.8	11476	11483	11489	11496	11503	11509	11516	11522	11529	11536
526.9	11542	11549	11555	11562	11569	11575	11582	11589	11595	11602
527.0	11609	11615	11622	11629	11635	11642	11649	11655	11662	11669
527.1	11675	11682	11689	11695	11702	11709	11715	11722	11729	11735
527.2	11742	11749	11756	11762	11769	11776	11782	11789	11796	11803
527.3	11809	11816	11823	11830	11836	11843	11850	11857	11863	11870
527.4	11877	11884	11890	11897	11904	11911	11918	11924	11931	11938
527.5	11945	11952	11958	11965	11972	11979	11986	11992	11999	12006
527.6	12013	12020	12027	12033	12040	12047	12054	12061	12068	12074
527.7	12081	12088	12095	12102	12109	12116	12123	12129	12136	12143
527.8	12150	12157	12164	12171	12178	12185	12191	12198	12205	12212
527.9	12219	12226	12233	12240	12247	12254	12261	12268	12275	12281
528.0	12288	12295	12302	12309	12316	12323	12330	12337	12344	12351
528.1	12358	12365	12372	12379	12386	12393	12400	12407	12414	12421
528.2	12428	12435	12442	12449	12456	12463	12470	12477	12484	12491
528.3	12498	12505	12512	12519	12526	12533	12540	12548	12555	12562
528.4	12569	12576	12583	12590	12597	12604	12611	12618	12625	12633
528.5	12640	12647	12654	12661	12668	12675	12682	12689	12697	12704
528.6	12711	12718	12725	12732	12739	12746	12754	12761	12768	12775
528.7	12782	12789	12797	12804	12811	12818	12825	12832	12840	12847
528.8	12854	12861	12868	12876	12883	12890	12897	12904	12912	12919
528.9	12926	12933	12941	12948	12955	12962	12969	12977	12984	12991

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
529.0	12998	13006	13013	13020	13028	13035	13042	13049	13057	13064
529.1	13071	13078	13086	13093	13100	13108	13115	13122	13130	13137
529.2	13144	13152	13159	13166	13173	13181	13188	13195	13203	13210
529.3	13218	13225	13232	13240	13247	13254	13262	13269	13276	13284
529.4	13291	13299	13306	13313	13321	13328	13335	13343	13350	13358
529.5	13365	13373	13380	13387	13395	13402	13410	13417	13424	13432
529.6	13439	13447	13454	13462	13469	13477	13484	13492	13499	13506
529.7	13514	13521	13529	13536	13544	13551	13559	13566	13574	13581
529.8	13589	13596	13604	13611	13619	13626	13634	13641	13649	13657
529.9	13664	13672	13679	13687	13694	13702	13709	13717	13724	13732
530.0	13740	13747	13755	13762	13770	13777	13785	13793	13800	13808
530.1	13815	13823	13831	13838	13846	13854	13861	13869	13876	13884
530.2	13892	13899	13907	13915	13922	13930	13938	13945	13953	13961
530.3	13968	13976	13984	13991	13999	14007	14014	14022	14030	14037
530.4	14045	14053	14060	14068	14076	14084	14091	14099	14107	14115
530.5	14122	14130	14138	14146	14153	14161	14169	14177	14184	14192
530.6	14200	14208	14215	14223	14231	14239	14247	14254	14262	14270
530.7	14278	14286	14293	14301	14309	14317	14325	14332	14340	14348
530.8	14356	14364	14372	14380	14387	14395	14403	14411	14419	14427
530.9	14435	14442	14450	14458	14466	14474	14482	14490	14498	14506
531.0	14514	14521	14529	14537	14545	14553	14561	14569	14577	14585
531.1	14593	14601	14609	14617	14625	14633	14641	14649	14657	14665
531.2	14673	14680	14688	14696	14704	14712	14720	14728	14736	14744
531.3	14752	14761	14769	14777	14785	14793	14801	14809	14817	14825
531.4	14833	14841	14849	14857	14865	14873	14881	14889	14897	14905
531.5	14913	14922	14930	14938	14946	14954	14962	14970	14978	14986
531.6	14995	15003	15011	15019	15027	15035	15043	15051	15060	15068
531.7	15076	15084	15092	15100	15109	15117	15125	15133	15141	15149
531.8	15158	15166	15174	15182	15190	15199	15207	15215	15223	15232
531.9	15240	15248	15256	15264	15273	15281	15289	15297	15306	15314
532.0	15322	15331	15339	15347	15355	15364	15372	15380	15388	15397
532.1	15405	15413	15422	15430	15438	15447	15455	15463	15472	15480
532.2	15488	15497	15505	15513	15522	15530	15538	15547	15555	15563
532.3	15572	15580	15589	15597	15605	15614	15622	15630	15639	15647
532.4	15656	15664	15672	15681	15689	15698	15706	15715	15723	15731

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
532.5	15740	15748	15757	15765	15774	15782	15791	15799	15808	15816
532.6	15825	15833	15842	15850	15859	15867	15876	15884	15893	15901
532.7	15910	15918	15927	15935	15944	15952	15961	15969	15978	15986
532.8	15995	16004	16012	16021	16029	16038	16046	16055	16064	16072
532.9	16081	16089	16098	16107	16115	16124	16132	16141	16150	16158
533.0	16167	16175	16184	16193	16201	16210	16219	16227	16236	16245
533.1	16253	16262	16271	16279	16288	16297	16305	16314	16323	16332
533.2	16340	16349	16358	16366	16375	16384	16393	16401	16410	16419
533.3	16428	16436	16445	16454	16463	16471	16480	16489	16498	16506
533.4	16515	16524	16533	16542	16550	16559	16568	16577	16586	16595
533.5	16603	16612	16621	16630	16639	16648	16656	16665	16674	16683
533.6	16692	16701	16710	16718	16727	16736	16745	16754	16763	16772
533.7	16781	16790	16799	16807	16816	16825	16834	16843	16852	16861
533.8	16870	16879	16888	16897	16906	16915	16924	16933	16942	16951
533.9	16960	16969	16978	16987	16996	17005	17014	17023	17032	17041
534.0	17050	17059	17068	17077	17086	17095	17104	17113	17122	17131
534.1	17140	17149	17159	17168	17177	17186	17195	17204	17213	17222
534.2	17231	17240	17250	17259	17268	17277	17286	17295	17304	17313
534.3	17323	17332	17341	17350	17359	17368	17378	17387	17396	17405
534.4	17414	17424	17433	17442	17451	17460	17470	17479	17488	17497
534.5	17507	17516	17525	17534	17544	17553	17562	17571	17581	17590
534.6	17599	17608	17618	17627	17636	17646	17655	17664	17674	17683
534.7	17692	17702	17711	17720	17730	17739	17748	17758	17767	17776
534.8	17786	17795	17804	17814	17823	17833	17842	17851	17861	17870
534.9	17880	17889	17898	17908	17917	17927	17936	17946	17955	17964
535.0	17974	17983	17993	18002	18012	18021	18031	18040	18050	18059
535.1	18069	18078	18088	18097	18107	18116	18126	18135	18145	18154
535.2	18164	18173	18183	18192	18202	18212	18221	18231	18240	18250
535.3	18259	18269	18279	18288	18298	18307	18317	18327	18336	18346
535.4	18356	18365	18375	18384	18394	18404	18413	18423	18433	18442
535.5	18452	18462	18471	18481	18491	18501	18510	18520	18530	18539
535.6	18549	18559	18569	18578	18588	18598	18607	18617	18627	18637
535.7	18647	18656	18666	18676	18686	18695	18705	18715	18725	18735
535.8	18744	18754	18764	18774	18784	18794	18803	18813	18823	18833
535.9	18843	18853	18863	18872	18882	18892	18902	18912	18922	18932

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
536.0	18942	18952	18962	18971	18981	18991	19001	19011	19021	19031
536.1	19041	19051	19061	19071	19081	19091	19101	19111	19121	19131
536.2	19141	19151	19161	19171	19181	19191	19201	19211	19221	19231
536.3	19241	19251	19261	19271	19281	19292	19302	19312	19322	19332
536.4	19342	19352	19362	19372	19382	19393	19403	19413	19423	19433
536.5	19443	19453	19464	19474	19484	19494	19504	19514	19525	19535
536.6	19545	19555	19565	19576	19586	19596	19606	19617	19627	19637
536.7	19647	19658	19668	19678	19688	19699	19709	19719	19729	19740
536.8	19750	19760	19771	19781	19791	19802	19812	19822	19833	19843
536.9	19853	19864	19874	19884	19895	19905	19915	19926	19936	19946
537.0	19957	19967	19978	19988	19998	20009	20019	20030	20040	20050
537.1	20061	20071	20082	20092	20103	20113	20124	20134	20145	20155
537.2	20165	20176	20186	20197	20207	20218	20228	20239	20249	20260
537.3	20270	20281	20292	20302	20313	20323	20334	20344	20355	20365
537.4	20376	20387	20397	20408	20418	20429	20439	20450	20461	20471
537.5	20482	20492	20503	20514	20524	20535	20546	20556	20567	20578
537.6	20588	20599	20610	20620	20631	20642	20652	20663	20674	20684
537.7	20695	20706	20716	20727	20738	20749	20759	20770	20781	20792
537.8	20802	20813	20824	20835	20845	20856	20867	20878	20888	20899
537.9	20910	20921	20932	20942	20953	20964	20975	20986	20997	21007
538.0	21018	21029	21040	21051	21062	21072	21083	21094	21105	21116
538.1	21127	21138	21149	21159	21170	21181	21192	21203	21214	21225
538.2	21236	21247	21258	21269	21280	21291	21302	21313	21324	21335
538.3	21345	21356	21367	21378	21389	21400	21411	21422	21433	21445
538.4	21456	21467	21478	21489	21500	21511	21522	21533	21544	21555
538.5	21566	21577	21588	21599	21610	21622	21633	21644	21655	21666
538.6	21677	21688	21699	21711	21722	21733	21744	21755	21766	21777
538.7	21789	21800	21811	21822	21833	21845	21856	21867	21878	21889
538.8	21901	21912	21923	21934	21946	21957	21968	21979	21991	22002
538.9	22013	22024	22036	22047	22058	22070	22081	22092	22103	22115
539.0	22126	22137	22149	22160	22171	22183	22194	22205	22217	22228
539.1	22240	22251	22262	22274	22285	22296	22308	22319	22331	22342
539.2	22354	22365	22376	22388	22399	22411	22422	22434	22445	22457
539.3	22468	22479	22491	22502	22514	22525	22537	22548	22560	22571
539.4	22583	22595	22606	22618	22629	22641	22652	22664	22675	22687

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
539.5	22699	22710	22722	22733	22745	22757	22768	22780	22791	22803
539.6	22815	22826	22838	22850	22861	22873	22885	22896	22908	22920
539.7	22931	22943	22955	22966	22978	22990	23002	23013	23025	23037
539.8	23049	23060	23072	23084	23096	23107	23119	23131	23143	23155
539.9	23166	23178	23190	23202	23214	23226	23237	23249	23261	23273
540.0	23285	23297	23309	23320	23332	23344	23356	23368	23380	23392
540.1	23404	23416	23428	23440	23451	23463	23475	23487	23499	23511
540.2	23523	23535	23547	23559	23571	23583	23595	23607	23619	23631
540.3	23643	23655	23667	23679	23691	23703	23715	23727	23739	23752
540.4	23764	23776	23788	23800	23812	23824	23836	23848	23860	23872
540.5	23885	23897	23909	23921	23933	23945	23957	23969	23982	23994
540.6	24006	24018	24030	24042	24055	24067	24079	24091	24103	24116
540.7	24128	24140	24152	24165	24177	24189	24201	24214	24226	24238
540.8	24250	24263	24275	24287	24299	24312	24324	24336	24349	24361
540.9	24373	24386	24398	24410	24423	24435	24447	24460	24472	24484
541.0	24497	24509	24521	24534	24546	24559	24571	24583	24596	24608
541.1	24621	24633	24645	24658	24670	24683	24695	24708	24720	24733
541.2	24745	24757	24770	24782	24795	24807	24820	24832	24845	24857
541.3	24870	24882	24895	24907	24920	24932	24945	24958	24970	24983
541.4	24995	25008	25020	25033	25046	25058	25071	25083	25096	25108
541.5	25121	25134	25146	25159	25172	25184	25197	25209	25222	25235
541.6	25247	25260	25273	25285	25298	25311	25323	25336	25349	25362
541.7	25374	25387	25400	25412	25425	25438	25451	25463	25476	25489
541.8	25502	25514	25527	25540	25553	25565	25578	25591	25604	25617
541.9	25629	25642	25655	25668	25681	25693	25706	25719	25732	25745
542.0	25758	25771	25783	25796	25809	25822	25835	25848	25861	25874
542.1	25886	25899	25912	25925	25938	25951	25964	25977	25990	26003
542.2	26016	26029	26042	26055	26068	26081	26093	26106	26119	26132
542.3	26145	26158	26171	26184	26197	26210	26224	26237	26250	26263
542.4	26276	26289	26302	26315	26328	26341	26354	26367	26380	26393
542.5	26406	26419	26433	26446	26459	26472	26485	26498	26511	26524
542.6	26538	26551	26564	26577	26590	26603	26616	26630	26643	26656
542.7	26669	26682	26696	26709	26722	26735	26748	26762	26775	26788
542.8	26801	26815	26828	26841	26854	26868	26881	26894	26907	26921
542.9	26934	26947	26961	26974	26987	27000	27014	27027	27040	27054

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
543.0	27067	27080	27094	27107	27120	27134	27147	27161	27174	27187
543.1	27201	27214	27227	27241	27254	27268	27281	27294	27308	27321
543.2	27335	27348	27362	27375	27389	27402	27415	27429	27442	27456
543.3	27469	27483	27496	27510	27523	27537	27550	27564	27577	27591
543.4	27604	27618	27631	27645	27659	27672	27686	27699	27713	27726
543.5	27740	27754	27767	27781	27794	27808	27821	27835	27849	27862
543.6	27876	27890	27903	27917	27931	27944	27958	27971	27985	27999
543.7	28013	28026	28040	28054	28067	28081	28095	28108	28122	28136
543.8	28150	28163	28177	28191	28205	28218	28232	28246	28260	28273
543.9	28287	28301	28315	28328	28342	28356	28370	28384	28397	28411
544.0	28425	28439	28453	28467	28481	28494	28508	28522	28536	28550
544.1	28564	28578	28591	28605	28619	28633	28647	28661	28675	28689
544.2	28703	28717	28731	28745	28758	28772	28786	28800	28814	28828
544.3	28842	28856	28870	28884	28898	28912	28926	28940	28954	28968
544.4	28982	28996	29010	29024	29038	29052	29067	29081	29095	29109
544.5	29123	29137	29151	29165	29179	29193	29207	29221	29236	29250
544.6	29264	29278	29292	29306	29320	29335	29349	29363	29377	29391
544.7	29405	29420	29434	29448	29462	29476	29491	29505	29519	29533
544.8	29547	29562	29576	29590	29604	29619	29633	29647	29662	29676
544.9	29690	29704	29719	29733	29747	29762	29776	29790	29805	29819
545.0	29833	29848	29862	29876	29891	29905	29919	29934	29948	29962
545.1	29977	29991	30006	30020	30034	30049	30063	30078	30092	30107
545.2	30121	30135	30150	30164	30179	30193	30208	30222	30237	30251
545.3	30266	30280	30295	30309	30324	30338	30353	30367	30382	30396
545.4	30411	30426	30440	30455	30469	30484	30498	30513	30528	30542
545.5	30557	30571	30586	30601	30615	30630	30645	30659	30674	30688
545.6	30703	30718	30732	30747	30762	30777	30791	30806	30821	30835
545.7	30850	30865	30879	30894	30909	30924	30938	30953	30968	30983
545.8	30997	31012	31027	31042	31057	31071	31086	31101	31116	31131
545.9	31145	31160	31175	31190	31205	31220	31234	31249	31264	31279
546.0	31294	31309	31324	31339	31353	31368	31383	31398	31413	31428
546.1	31443	31458	31473	31488	31503	31518	31533	31548	31563	31578
546.2	31593	31608	31623	31638	31653	31668	31683	31698	31713	31728
546.3	31743	31758	31773	31788	31803	31818	31833	31848	31863	31878
546.4	31893	31908	31924	31939	31954	31969	31984	31999	32014	32029

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
546.5	32045	32060	32075	32090	32105	32120	32136	32151	32166	32181
546.6	32196	32211	32227	32242	32257	32272	32288	32303	32318	32333
546.7	32349	32364	32379	32394	32410	32425	32440	32456	32471	32486
546.8	32501	32517	32532	32547	32563	32578	32593	32609	32624	32639
546.9	32655	32670	32686	32701	32716	32732	32747	32762	32778	32793
547.0	32809	32824	32840	32855	32870	32886	32901	32917	32932	32948
547.1	32963	32979	32994	33010	33025	33041	33056	33072	33087	33103
547.2	33118	33134	33149	33165	33180	33196	33211	33227	33243	33258
547.3	33274	33289	33305	33320	33336	33352	33367	33383	33398	33414
547.4	33430	33445	33461	33477	33492	33508	33524	33539	33555	33571
547.5	33586	33602	33618	33633	33649	33665	33680	33696	33712	33728
547.6	33743	33759	33775	33791	33806	33822	33838	33854	33869	33885
547.7	33901	33917	33933	33948	33964	33980	33996	34012	34027	34043
547.8	34059	34075	34091	34107	34123	34138	34154	34170	34186	34202
547.9	34218	34234	34250	34265	34281	34297	34313	34329	34345	34361
548.0	34377	34393	34409	34425	34441	34457	34473	34489	34505	34521
548.1	34537	34553	34569	34585	34601	34617	34633	34649	34665	34681
548.2	34697	34713	34729	34745	34761	34777	34793	34809	34825	34841
548.3	34857	34874	34890	34906	34922	34938	34954	34970	34986	35003
548.4	35019	35035	35051	35067	35083	35099	35116	35132	35148	35164
548.5	35180	35197	35213	35229	35245	35262	35278	35294	35310	35327
548.6	35343	35359	35375	35392	35408	35424	35440	35457	35473	35489
548.7	35506	35522	35538	35555	35571	35587	35604	35620	35636	35653
548.8	35669	35685	35702	35718	35735	35751	35767	35784	35800	35817
548.9	35833	35849	35866	35882	35899	35915	35932	35948	35965	35981
549.0	35997	36014	36030	36047	36063	36080	36096	36113	36130	36146
549.1	36163	36179	36196	36212	36229	36245	36262	36278	36295	36312
549.2	36328	36345	36361	36378	36395	36411	36428	36444	36461	36478
549.3	36494	36511	36528	36544	36561	36578	36594	36611	36628	36644
549.4	36661	36678	36694	36711	36728	36745	36761	36778	36795	36812
549.5	36828	36845	36862	36879	36895	36912	36929	36946	36962	36979
549.6	36996	37013	37030	37047	37063	37080	37097	37114	37131	37148
549.7	37164	37181	37198	37215	37232	37249	37266	37283	37300	37316
549.8	37333	37350	37367	37384	37401	37418	37435	37452	37469	37486
549.9	37503	37520	37537	37554	37571	37588	37605	37622	37639	37656

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
550.0	37673	37690	37707	37724	37741	37758	37775	37792	37809	37826
550.1	37843	37860	37878	37895	37912	37929	37946	37963	37980	37997
550.2	38014	38032	38049	38066	38083	38100	38117	38135	38152	38169
550.3	38186	38203	38221	38238	38255	38272	38289	38307	38324	38341
550.4	38358	38376	38393	38410	38427	38445	38462	38479	38497	38514
550.5	38531	38548	38566	38583	38600	38618	38635	38652	38670	38687
550.6	38705	38722	38739	38757	38774	38791	38809	38826	38844	38861
550.7	38878	38896	38913	38931	38948	38966	38983	39001	39018	39035
550.8	39053	39070	39088	39105	39123	39140	39158	39175	39193	39210
550.9	39228	39246	39263	39281	39298	39316	39333	39351	39368	39386
551.0	39404	39421	39439	39456	39474	39492	39509	39527	39545	39562
551.1	39580	39598	39615	39633	39651	39668	39686	39704	39721	39739
551.2	39757	39774	39792	39810	39828	39845	39863	39881	39899	39916
551.3	39934	39952	39970	39987	40005	40023	40041	40059	40076	40094
551.4	40112	40130	40148	40166	40183	40201	40219	40237	40255	40273
551.5	40291	40309	40326	40344	40362	40380	40398	40416	40434	40452
551.6	40470	40488	40506	40524	40542	40560	40578	40596	40614	40632
551.7	40650	40668	40686	40704	40722	40740	40758	40776	40794	40812
551.8	40830	40848	40866	40884	40902	40920	40938	40957	40975	40993
551.9	41011	41029	41047	41065	41083	41102	41120	41138	41156	41174
552.0	41192	41211	41229	41247	41265	41283	41302	41320	41338	41356
552.1	41375	41393	41411	41429	41448	41466	41484	41502	41521	41539
552.2	41557	41576	41594	41612	41631	41649	41667	41686	41704	41722
552.3	41741	41759	41777	41796	41814	41833	41851	41869	41888	41906
552.4	41925	41943	41962	41980	41998	42017	42035	42054	42072	42091
552.5	42109	42128	42146	42165	42183	42202	42220	42239	42257	42276
552.6	42295	42313	42332	42350	42369	42387	42406	42425	42443	42462
552.7	42481	42499	42518	42536	42555	42574	42592	42611	42630	42648
552.8	42667	42686	42705	42723	42742	42761	42779	42798	42817	42836
552.9	42854	42873	42892	42911	42929	42948	42967	42986	43005	43023
553.0	43042	43061	43080	43099	43118	43136	43155	43174	43193	43212
553.1	43231	43250	43269	43287	43306	43325	43344	43363	43382	43401
553.2	43420	43439	43458	43477	43496	43515	43534	43553	43572	43591
553.3	43610	43629	43648	43667	43686	43705	43724	43743	43762	43781
553.4	43800	43819	43838	43857	43877	43896	43915	43934	43953	43972

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
553.5	43991	44010	44030	44049	44068	44087	44106	44125	44145	44164
553.6	44183	44202	44221	44241	44260	44279	44298	44318	44337	44356
553.7	44375	44395	44414	44433	44452	44472	44491	44510	44530	44549
553.8	44568	44588	44607	44626	44646	44665	44684	44704	44723	44742
553.9	44762	44781	44801	44820	44839	44859	44878	44898	44917	44937
554.0	44956	44975	44995	45014	45034	45053	45073	45092	45112	45131
554.1	45151	45170	45190	45209	45229	45248	45268	45288	45307	45327
554.2	45346	45366	45385	45405	45425	45444	45464	45483	45503	45523
554.3	45542	45562	45582	45601	45621	45641	45660	45680	45700	45719
554.4	45739	45759	45778	45798	45818	45838	45857	45877	45897	45917
554.5	45936	45956	45976	45996	46015	46035	46055	46075	46095	46114
554.6	46134	46154	46174	46194	46214	46233	46253	46273	46293	46313
554.7	46333	46353	46373	46392	46412	46432	46452	46472	46492	46512
554.8	46532	46552	46572	46592	46612	46632	46652	46672	46692	46712
554.9	46732	46752	46772	46792	46812	46832	46852	46872	46892	46912
555.0	46932	46952	46972	46992	47013	47033	47053	47073	47093	47113
555.1	47133	47153	47174	47194	47214	47234	47254	47274	47295	47315
555.2	47335	47355	47375	47396	47416	47436	47456	47476	47497	47517
555.3	47537	47558	47578	47598	47618	47639	47659	47679	47700	47720
555.4	47740	47761	47781	47801	47822	47842	47862	47883	47903	47923
555.5	47944	47964	47985	48005	48025	48046	48066	48087	48107	48128
555.6	48148	48169	48189	48210	48230	48250	48271	48291	48312	48333
555.7	48353	48374	48394	48415	48435	48456	48476	48497	48517	48538
555.8	48559	48579	48600	48620	48641	48662	48682	48703	48724	48744
555.9	48765	48786	48806	48827	48848	48868	48889	48910	48930	48951
556.0	48972	48993	49013	49034	49055	49076	49096	49117	49138	49159
556.1	49179	49200	49221	49242	49263	49283	49304	49325	49346	49367
556.2	49388	49409	49429	49450	49471	49492	49513	49534	49555	49576
556.3	49597	49618	49639	49659	49680	49701	49722	49743	49764	49785
556.4	49806	49827	49848	49869	49890	49911	49932	49953	49974	49996
556.5	50017	50038	50059	50080	50101	50122	50143	50164	50185	50206
556.6	50228	50249	50270	50291	50312	50333	50354	50376	50397	50418
556.7	50439	50460	50482	50503	50524	50545	50566	50588	50609	50630
556.8	50651	50673	50694	50715	50737	50758	50779	50800	50822	50843
556.9	50864	50886	50907	50928	50950	50971	50993	51014	51035	51057

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
557.0	51078	51099	51121	51142	51164	51185	51207	51228	51249	51271
557.1	51292	51314	51335	51357	51378	51400	51421	51443	51464	51486
557.2	51507	51529	51550	51572	51594	51615	51637	51658	51680	51701
557.3	51723	51745	51766	51788	51809	51831	51853	51874	51896	51918
557.4	51939	51961	51983	52004	52026	52048	52070	52091	52113	52135
557.5	52156	52178	52200	52222	52243	52265	52287	52309	52331	52352
557.6	52374	52396	52418	52440	52461	52483	52505	52527	52549	52571
557.7	52593	52614	52636	52658	52680	52702	52724	52746	52768	52790
557.8	52812	52834	52856	52878	52900	52922	52944	52966	52988	53010
557.9	53032	53054	53076	53098	53120	53142	53164	53186	53208	53230
558.0	53252	53274	53296	53318	53341	53363	53385	53407	53429	53451
558.1	53473	53496	53518	53540	53562	53584	53607	53629	53651	53673
558.2	53695	53718	53740	53762	53784	53807	53829	53851	53873	53896
558.3	53918	53940	53963	53985	54007	54030	54052	54074	54097	54119
558.4	54142	54164	54186	54209	54231	54254	54276	54298	54321	54343
558.5	54366	54388	54411	54433	54456	54478	54501	54523	54546	54568
558.6	54591	54613	54636	54658	54681	54703	54726	54748	54771	54794
558.7	54816	54839	54861	54884	54907	54929	54952	54975	54997	55020
558.8	55043	55065	55088	55111	55133	55156	55179	55202	55224	55247
558.9	55270	55293	55315	55338	55361	55384	55406	55429	55452	55475
559.0	55498	55521	55543	55566	55589	55612	55635	55658	55680	55703
559.1	55726	55749	55772	55795	55818	55841	55864	55887	55909	55932
559.2	55955	55978	56001	56024	56047	56070	56093	56116	56139	56162
559.3	56185	56208	56231	56254	56278	56301	56324	56347	56370	56393
559.4	56416	56439	56463	56486	56509	56532	56555	56579	56602	56625
559.5	56648	56672	56695	56718	56742	56765	56788	56812	56835	56858
559.6	56882	56905	56929	56952	56975	56999	57022	57046	57069	57093
559.7	57116	57140	57163	57187	57211	57234	57258	57281	57305	57329
559.8	57352	57376	57400	57424	57447	57471	57495	57519	57542	57566
559.9	57590	57614	57638	57662	57686	57709	57733	57757	57781	57805
560.0	57829	57853	57877	57901	57925	57949	57973	57997	58022	58046
560.1	58070	58094	58118	58142	58166	58190	58214	58238	58263	58287
560.2	58311	58335	58359	58383	58408	58432	58456	58480	58504	58529
560.3	58553	58577	58601	58625	58650	58674	58698	58723	58747	58771
560.4	58795	58820	58844	58868	58893	58917	58941	58966	58990	59014

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
560.5	59039	59063	59088	59112	59136	59161	59185	59210	59234	59258
560.6	59283	59307	59332	59356	59381	59405	59430	59454	59479	59503
560.7	59528	59552	59577	59601	59626	59650	59675	59699	59724	59749
560.8	59773	59798	59822	59847	59872	59896	59921	59945	59970	59995
560.9	60019	60044	60069	60093	60118	60143	60167	60192	60217	60242
561.0	60266	60291	60316	60341	60365	60390	60415	60440	60464	60489
561.1	60514	60539	60564	60588	60613	60638	60663	60688	60713	60737
561.2	60762	60787	60812	60837	60862	60887	60912	60936	60961	60986
561.3	61011	61036	61061	61086	61111	61136	61161	61186	61211	61236
561.4	61261	61286	61311	61336	61361	61386	61411	61436	61461	61486
561.5	61511	61536	61561	61586	61612	61637	61662	61687	61712	61737
561.6	61762	61787	61812	61838	61863	61888	61913	61938	61963	61989
561.7	62014	62039	62064	62089	62115	62140	62165	62190	62216	62241
561.8	62266	62291	62317	62342	62367	62393	62418	62443	62468	62494
561.9	62519	62544	62570	62595	62620	62646	62671	62697	62722	62747
562.0	62773	62798	62824	62849	62874	62900	62925	62951	62976	63002
562.1	63027	63052	63078	63103	63129	63154	63180	63205	63231	63256
562.2	63282	63307	63333	63358	63384	63410	63435	63461	63486	63512
562.3	63537	63563	63589	63614	63640	63665	63691	63717	63742	63768
562.4	63794	63819	63845	63871	63896	63922	63948	63973	63999	64025
562.5	64050	64076	64102	64128	64153	64179	64205	64231	64256	64282
562.6	64308	64334	64359	64385	64411	64437	64463	64489	64514	64540
562.7	64566	64592	64618	64644	64669	64695	64721	64747	64773	64799
562.8	64825	64851	64877	64903	64928	64954	64980	65006	65032	65058
562.9	65084	65110	65136	65162	65188	65214	65240	65266	65292	65318
563.0	65344	65370	65396	65422	65448	65474	65501	65527	65553	65579
563.1	65605	65631	65657	65683	65709	65735	65762	65788	65814	65840
563.2	65866	65892	65919	65945	65971	65997	66023	66050	66076	66102
563.3	66128	66154	66181	66207	66233	66259	66286	66312	66338	66364
563.4	66391	66417	66443	66470	66496	66522	66549	66575	66601	66628
563.5	66654	66680	66707	66733	66759	66786	66812	66839	66865	66891
563.6	66918	66944	66971	66997	67024	67050	67076	67103	67129	67156
563.7	67182	67209	67235	67262	67288	67315	67341	67368	67394	67421
563.8	67447	67474	67501	67527	67554	67580	67607	67633	67660	67687
563.9	67713	67740	67766	67793	67820	67846	67873	67900	67926	67953

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
564.0	67980	68006	68033	68060	68086	68113	68140	68167	68193	68220
564.1	68247	68273	68300	68327	68354	68380	68407	68434	68461	68488
564.2	68514	68541	68568	68595	68622	68648	68675	68702	68729	68756
564.3	68783	68810	68836	68863	68890	68917	68944	68971	68998	69025
564.4	69052	69079	69105	69132	69159	69186	69213	69240	69267	69294
564.5	69321	69348	69375	69402	69429	69456	69483	69510	69537	69564
564.6	69591	69618	69645	69672	69699	69727	69754	69781	69808	69835
564.7	69862	69889	69916	69943	69971	69998	70025	70052	70079	70106
564.8	70133	70161	70188	70215	70242	70269	70297	70324	70351	70378
564.9	70405	70433	70460	70487	70514	70542	70569	70596	70623	70651
565.0	70678	70705	70733	70760	70787	70815	70842	70869	70897	70924
565.1	70951	70979	71006	71033	71061	71088	71115	71143	71170	71198
565.2	71225	71252	71280	71307	71335	71362	71390	71417	71445	71472
565.3	71499	71527	71554	71582	71609	71637	71664	71692	71719	71747
565.4	71774	71802	71830	71857	71885	71912	71940	71967	71995	72023
565.5	72050	72078	72105	72133	72161	72188	72216	72243	72271	72299
565.6	72326	72354	72382	72409	72437	72465	72492	72520	72548	72576
565.7	72603	72631	72659	72686	72714	72742	72770	72797	72825	72853
565.8	72881	72909	72936	72964	72992	73020	73048	73075	73103	73131
565.9	73159	73187	73215	73242	73270	73298	73326	73354	73382	73410
566.0	73438	73465	73493	73521	73549	73577	73605	73633	73661	73689
566.1	73717	73745	73773	73801	73829	73857	73885	73913	73941	73969
566.2	73997	74025	74053	74081	74109	74137	74165	74193	74221	74249
566.3	74277	74305	74334	74362	74390	74418	74446	74474	74502	74530
566.4	74559	74587	74615	74643	74671	74699	74728	74756	74784	74812
566.5	74840	74869	74897	74925	74953	74981	75010	75038	75066	75095
566.6	75123	75151	75179	75208	75236	75264	75293	75321	75349	75377
566.7	75406	75434	75463	75491	75519	75548	75576	75604	75633	75661
566.8	75689	75718	75746	75775	75803	75832	75860	75888	75917	75945
566.9	75974	76002	76031	76059	76088	76116	76145	76173	76202	76230
567.0	76259	76287	76316	76344	76373	76401	76430	76458	76487	76516
567.1	76544	76573	76601	76630	76659	76687	76716	76744	76773	76802
567.2	76830	76859	76888	76916	76945	76974	77002	77031	77060	77088
567.3	77117	77146	77175	77203	77232	77261	77290	77318	77347	77376
567.4	77405	77433	77462	77491	77520	77549	77577	77606	77635	77664

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
567.5	77693	77722	77750	77779	77808	77837	77866	77895	77924	77952
567.6	77981	78010	78039	78068	78097	78126	78155	78184	78213	78242
567.7	78271	78300	78329	78358	78387	78416	78445	78474	78503	78532
567.8	78561	78590	78619	78648	78677	78706	78735	78764	78793	78822
567.9	78851	78880	78910	78939	78968	78997	79026	79055	79084	79113
568.0	79143	79172	79201	79230	79259	79288	79318	79347	79376	79405
568.1	79434	79464	79493	79522	79551	79581	79610	79639	79668	79698
568.2	79727	79756	79786	79815	79844	79873	79903	79932	79961	79991
568.3	80020	80050	80079	80108	80138	80167	80196	80226	80255	80285
568.4	80314	80343	80373	80402	80432	80461	80491	80520	80549	80579
568.5	80608	80638	80667	80697	80726	80756	80785	80815	80844	80874
568.6	80903	80933	80962	80992	81022	81051	81081	81110	81140	81169
568.7	81199	81229	81258	81288	81318	81347	81377	81406	81436	81466
568.8	81495	81525	81555	81584	81614	81644	81674	81703	81733	81763
568.9	81792	81822	81852	81882	81911	81941	81971	82001	82030	82060
569.0	82090	82120	82150	82179	82209	82239	82269	82299	82328	82358
569.1	82388	82418	82448	82478	82508	82537	82567	82597	82627	82657
569.2	82687	82717	82747	82777	82807	82837	82867	82897	82927	82956
569.3	82986	83016	83046	83076	83106	83136	83166	83196	83227	83257
569.4	83287	83317	83347	83377	83407	83437	83467	83497	83527	83557
569.5	83587	83618	83648	83678	83708	83738	83768	83798	83829	83859
569.6	83889	83919	83949	83980	84010	84040	84070	84101	84131	84161
569.7	84191	84222	84252	84282	84312	84343	84373	84403	84434	84464
569.8	84494	84525	84555	84585	84616	84646	84677	84707	84737	84768
569.9	84798	84829	84859	84889	84920	84950	84981	85011	85042	85072
570.0	85103	85133	85164	85194	85225	85255	85286	85316	85347	85378
570.1	85408	85439	85469	85500	85531	85561	85592	85623	85653	85684
570.2	85715	85746	85776	85807	85838	85869	85899	85930	85961	85992
570.3	86023	86053	86084	86115	86146	86177	86208	86239	86269	86300
570.4	86331	86362	86393	86424	86455	86486	86517	86548	86579	86610
570.5	86641	86672	86703	86734	86765	86796	86828	86859	86890	86921
570.6	86952	86983	87014	87045	87077	87108	87139	87170	87201	87233
570.7	87264	87295	87326	87358	87389	87420	87451	87483	87514	87545
570.8	87577	87608	87639	87671	87702	87733	87765	87796	87828	87859
570.9	87891	87922	87953	87985	88016	88048	88079	88111	88142	88174

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
571.0	88205	88237	88268	88300	88332	88363	88395	88426	88458	88490
571.1	88521	88553	88584	88616	88648	88679	88711	88743	88774	88806
571.2	88838	88869	88901	88933	88965	88996	89028	89060	89092	89123
571.3	89155	89187	89219	89251	89282	89314	89346	89378	89410	89442
571.4	89474	89505	89537	89569	89601	89633	89665	89697	89729	89761
571.5	89793	89825	89857	89889	89921	89953	89985	90017	90049	90081
571.6	90113	90145	90177	90209	90241	90273	90305	90337	90369	90401
571.7	90433	90466	90498	90530	90562	90594	90626	90658	90691	90723
571.8	90755	90787	90819	90852	90884	90916	90948	90981	91013	91045
571.9	91077	91110	91142	91174	91207	91239	91271	91304	91336	91368
572.0	91401	91433	91465	91498	91530	91563	91595	91627	91660	91692
572.1	91725	91757	91790	91822	91855	91887	91920	91952	91985	92017
572.2	92050	92082	92115	92147	92180	92212	92245	92277	92310	92343
572.3	92375	92408	92440	92473	92506	92538	92571	92604	92636	92669
572.4	92702	92734	92767	92800	92833	92865	92898	92931	92963	92996
572.5	93029	93062	93095	93127	93160	93193	93226	93259	93291	93324
572.6	93357	93390	93423	93456	93489	93521	93554	93587	93620	93653
572.7	93686	93719	93752	93785	93818	93851	93884	93917	93950	93983
572.8	94016	94049	94082	94115	94148	94181	94214	94247	94280	94313
572.9	94346	94379	94412	94445	94479	94512	94545	94578	94611	94644
573.0	94677	94711	94744	94777	94810	94843	94877	94910	94943	94976
573.1	95010	95043	95076	95109	95143	95176	95209	95243	95276	95309
573.2	95343	95376	95409	95443	95476	95509	95543	95576	95610	95643
573.3	95676	95710	95743	95777	95810	95844	95877	95911	95944	95978
573.4	96011	96045	96078	96112	96145	96179	96213	96246	96280	96313
573.5	96347	96381	96414	96448	96481	96515	96549	96582	96616	96650
573.6	96683	96717	96751	96785	96818	96852	96886	96919	96953	96987
573.7	97021	97055	97088	97122	97156	97190	97224	97258	97291	97325
573.8	97359	97393	97427	97461	97495	97529	97562	97596	97630	97664
573.9	97698	97732	97766	97800	97834	97868	97902	97936	97970	98004
574.0	98038	98072	98106	98140	98174	98209	98243	98277	98311	98345
574.1	98379	98413	98447	98482	98516	98550	98584	98618	98652	98687
574.2	98721	98755	98789	98824	98858	98892	98926	98961	98995	99029
574.3	99064	99098	99132	99167	99201	99235	99270	99304	99338	99373
574.4	99407	99441	99476	99510	99545	99579	99614	99648	99683	99717

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
574.5	99752	99786	99820	99855	99890	99924	99959	99993	100028	100062
574.6	100097	100131	100166	100201	100235	100270	100304	100339	100374	100408
574.7	100443	100478	100512	100547	100582	100616	100651	100686	100721	100755
574.8	100790	100825	100860	100894	100929	100964	100999	101034	101068	101103
574.9	101138	101173	101208	101243	101277	101312	101347	101382	101417	101452
575.0	101487	101522	101557	101592	101627	101662	101697	101732	101767	101802
575.1	101837	101872	101907	101942	101977	102012	102047	102082	102117	102152
575.2	102187	102222	102257	102292	102328	102363	102398	102433	102468	102503
575.3	102539	102574	102609	102644	102679	102715	102750	102785	102820	102856
575.4	102891	102926	102961	102997	103032	103067	103103	103138	103173	103209
575.5	103244	103279	103315	103350	103385	103421	103456	103492	103527	103563
575.6	103598	103633	103669	103704	103740	103775	103811	103846	103882	103917
575.7	103953	103988	104024	104060	104095	104131	104166	104202	104237	104273
575.8	104309	104344	104380	104416	104451	104487	104522	104558	104594	104630
575.9	104665	104701	104737	104772	104808	104844	104880	104915	104951	104987
576.0	105023	105058	105094	105130	105166	105202	105238	105273	105309	105345
576.1	105381	105417	105453	105489	105525	105561	105596	105632	105668	105704
576.2	105740	105776	105812	105848	105884	105920	105956	105992	106028	106064
576.3	106100	106136	106172	106208	106244	106281	106317	106353	106389	106425
576.4	106461	106497	106533	106570	106606	106642	106678	106714	106750	106787
576.5	106823	106859	106895	106931	106968	107004	107040	107076	107113	107149
576.6	107185	107222	107258	107294	107330	107367	107403	107439	107476	107512
576.7	107549	107585	107621	107658	107694	107730	107767	107803	107840	107876
576.8	107913	107949	107986	108022	108058	108095	108131	108168	108204	108241
576.9	108278	108314	108351	108387	108424	108460	108497	108533	108570	108607
577.0	108643	108680	108716	108753	108790	108826	108863	108900	108936	108973
577.1	109010	109046	109083	109120	109157	109193	109230	109267	109303	109340
577.2	109377	109414	109450	109487	109524	109561	109598	109634	109671	109708
577.3	109745	109782	109819	109855	109892	109929	109966	110003	110040	110077
577.4	110113	110150	110187	110224	110261	110298	110335	110372	110409	110446
577.5	110483	110520	110557	110594	110631	110668	110705	110742	110779	110816
577.6	110853	110890	110927	110964	111001	111038	111075	111112	111149	111186
577.7	111224	111261	111298	111335	111372	111409	111446	111483	111521	111558
577.8	111595	111632	111669	111706	111744	111781	111818	111855	111892	111930
577.9	111967	112004	112041	112079	112116	112153	112191	112228	112265	112302

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
578.0	112340	112377	112414	112452	112489	112526	112564	112601	112638	112676
578.1	112713	112751	112788	112825	112863	112900	112938	112975	113012	113050
578.2	113087	113125	113162	113200	113237	113275	113312	113350	113387	113425
578.3	113462	113500	113537	113575	113612	113650	113687	113725	113763	113800
578.4	113838	113875	113913	113951	113988	114026	114064	114101	114139	114177
578.5	114214	114252	114290	114327	114365	114403	114440	114478	114516	114554
578.6	114591	114629	114667	114705	114742	114780	114818	114856	114894	114931
578.7	114969	115007	115045	115083	115121	115159	115196	115234	115272	115310
578.8	115348	115386	115424	115462	115500	115538	115576	115614	115652	115690
578.9	115728	115766	115804	115842	115880	115918	115956	115994	116032	116070
579.0	116108	116146	116184	116222	116260	116298	116336	116375	116413	116451
579.1	116489	116527	116565	116603	116642	116680	116718	116756	116795	116833
579.2	116871	116909	116947	116986	117024	117062	117101	117139	117177	117216
579.3	117254	117292	117331	117369	117407	117446	117484	117522	117561	117599
579.4	117638	117676	117715	117753	117791	117830	117868	117907	117945	117984
579.5	118022	118061	118100	118138	118177	118215	118254	118292	118331	118369
579.6	118408	118447	118485	118524	118563	118601	118640	118679	118717	118756
579.7	118795	118833	118872	118911	118950	118988	119027	119066	119105	119143
579.8	119182	119221	119260	119299	119337	119376	119415	119454	119493	119532
579.9	119571	119609	119648	119687	119726	119765	119804	119843	119882	119921
580.0	119960	119999	120038	120077	120116	120155	120194	120233	120272	120311
580.1	120350	120389	120428	120467	120507	120546	120585	120624	120663	120702
580.2	120741	120780	120820	120859	120898	120937	120976	121016	121055	121094
580.3	121133	121173	121212	121251	121290	121330	121369	121408	121448	121487
580.4	121526	121566	121605	121644	121684	121723	121763	121802	121841	121881
580.5	121920	121960	121999	122039	122078	122118	122157	122197	122236	122276
580.6	122315	122355	122394	122434	122473	122513	122552	122592	122632	122671
580.7	122711	122750	122790	122830	122869	122909	122949	122988	123028	123068
580.8	123107	123147	123187	123227	123266	123306	123346	123386	123425	123465
580.9	123505	123545	123585	123624	123664	123704	123744	123784	123824	123864
581.0	123903	123943	123983	124023	124063	124103	124143	124183	124223	124263
581.1	124303	124343	124383	124423	124463	124503	124543	124583	124623	124663
581.2	124703	124743	124783	124824	124864	124904	124944	124984	125024	125064
581.3	125105	125145	125185	125225	125265	125306	125346	125386	125426	125467
581.4	125507	125547	125587	125628	125668	125708	125749	125789	125829	125870

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
581.5	125910	125950	125991	126031	126072	126112	126152	126193	126233	126274
581.6	126314	126355	126395	126436	126476	126516	126557	126598	126638	126679
581.7	126719	126760	126800	126841	126881	126922	126963	127003	127044	127084
581.8	127125	127166	127206	127247	127288	127328	127369	127410	127451	127491
581.9	127532	127573	127613	127654	127695	127736	127777	127817	127858	127899
582.0	127940	127981	128021	128062	128103	128144	128185	128226	128267	128308
582.1	128349	128389	128430	128471	128512	128553	128594	128635	128676	128717
582.2	128758	128799	128840	128881	128922	128963	129005	129046	129087	129128
582.3	129169	129210	129251	129292	129333	129375	129416	129457	129498	129539
582.4	129580	129622	129663	129704	129745	129787	129828	129869	129910	129952
582.5	129993	130034	130076	130117	130158	130200	130241	130282	130324	130365
582.6	130406	130448	130489	130531	130572	130613	130655	130696	130738	130779
582.7	130821	130862	130904	130945	130987	131028	131070	131111	131153	131195
582.8	131236	131278	131319	131361	131402	131444	131486	131527	131569	131611
582.9	131652	131694	131736	131777	131819	131861	131903	131944	131986	132028
583.0	132070	132111	132153	132195	132237	132279	132320	132362	132404	132446
583.1	132488	132530	132571	132613	132655	132697	132739	132781	132823	132865
583.2	132907	132949	132991	133033	133075	133117	133159	133201	133243	133285
583.3	133327	133369	133411	133453	133495	133537	133579	133622	133664	133706
583.4	133748	133790	133832	133874	133917	133959	134001	134043	134085	134128
583.5	134170	134212	134254	134297	134339	134381	134423	134466	134508	134550
583.6	134593	134635	134677	134720	134762	134804	134847	134889	134932	134974
583.7	135016	135059	135101	135144	135186	135229	135271	135314	135356	135399
583.8	135441	135484	135526	135569	135611	135654	135696	135739	135782	135824
583.9	135867	135909	135952	135995	136037	136080	136123	136165	136208	136251
584.0	136293	136336	136379	136421	136464	136507	136550	136592	136635	136678
584.1	136721	136764	136806	136849	136892	136935	136978	137021	137063	137106
584.2	137149	137192	137235	137278	137321	137364	137407	137449	137492	137535
584.3	137578	137621	137664	137707	137750	137793	137836	137879	137922	137966
584.4	138009	138052	138095	138138	138181	138224	138267	138310	138353	138397
584.5	138440	138483	138526	138569	138612	138656	138699	138742	138785	138829
584.6	138872	138915	138958	139002	139045	139088	139132	139175	139218	139262
584.7	139305	139348	139392	139435	139478	139522	139565	139609	139652	139696
584.8	139739	139782	139826	139869	139913	139956	140000	140043	140087	140130
584.9	140174	140218	140261	140305	140348	140392	140435	140479	140523	140566

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
585.0	140610	140654	140697	140741	140785	140828	140872	140916	140959	141003
585.1	141047	141091	141134	141178	141222	141266	141310	141353	141397	141441
585.2	141485	141529	141572	141616	141660	141704	141748	141792	141836	141880
585.3	141924	141968	142012	142055	142099	142143	142187	142231	142275	142319
585.4	142363	142407	142451	142495	142540	142584	142628	142672	142716	142760
585.5	142804	142848	142892	142936	142981	143025	143069	143113	143157	143201
585.6	143246	143290	143334	143378	143423	143467	143511	143555	143600	143644
585.7	143688	143733	143777	143821	143866	143910	143954	143999	144043	144087
585.8	144132	144176	144221	144265	144309	144354	144398	144443	144487	144532
585.9	144576	144621	144665	144710	144754	144799	144843	144888	144932	144977
586.0	145021	145066	145111	145155	145200	145244	145289	145334	145378	145423
586.1	145468	145512	145557	145602	145646	145691	145736	145781	145825	145870
586.2	145915	145960	146004	146049	146094	146139	146184	146229	146273	146318
586.3	146363	146408	146453	146498	146543	146587	146632	146677	146722	146767
586.4	146812	146857	146902	146947	146992	147037	147082	147127	147172	147217
586.5	147262	147307	147352	147397	147442	147487	147532	147578	147623	147668
586.6	147713	147758	147803	147848	147894	147939	147984	148029	148074	148120
586.7	148165	148210	148255	148301	148346	148391	148436	148482	148527	148572
586.8	148618	148663	148708	148754	148799	148844	148890	148935	148980	149026
586.9	149071	149117	149162	149208	149253	149298	149344	149389	149435	149480
587.0	149526	149571	149617	149662	149708	149754	149799	149845	149890	149936
587.1	149981	150027	150073	150118	150164	150210	150255	150301	150346	150392
587.2	150438	150484	150529	150575	150621	150666	150712	150758	150804	150849
587.3	150895	150941	150987	151033	151078	151124	151170	151216	151262	151308
587.4	151354	151399	151445	151491	151537	151583	151629	151675	151721	151767
587.5	151813	151859	151905	151951	151997	152043	152089	152135	152181	152227
587.6	152273	152319	152365	152411	152458	152504	152550	152596	152642	152688
587.7	152734	152781	152827	152873	152919	152965	153012	153058	153104	153150
587.8	153197	153243	153289	153336	153382	153428	153475	153521	153567	153614
587.9	153660	153706	153753	153799	153846	153892	153939	153985	154031	154078
588.0	154124	154171	154217	154264	154310	154357	154403	154450	154497	154543
588.1	154590	154636	154683	154730	154776	154823	154869	154916	154963	155009
588.2	155056	155103	155149	155196	155243	155290	155336	155383	155430	155477
588.3	155523	155570	155617	155664	155710	155757	155804	155851	155898	155945
588.4	155992	156038	156085	156132	156179	156226	156273	156320	156367	156414

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
588.5	156461	156508	156555	156602	156649	156696	156743	156790	156837	156884
588.6	156931	156978	157025	157072	157119	157166	157213	157261	157308	157355
588.7	157402	157449	157496	157544	157591	157638	157685	157732	157780	157827
588.8	157874	157921	157969	158016	158063	158110	158158	158205	158252	158300
588.9	158347	158394	158442	158489	158537	158584	158631	158679	158726	158774
589.0	158821	158869	158916	158964	159011	159058	159106	159153	159201	159249
589.1	159296	159344	159391	159439	159486	159534	159581	159629	159677	159724
589.2	159772	159820	159867	159915	159963	160010	160058	160106	160153	160201
589.3	160249	160297	160344	160392	160440	160488	160535	160583	160631	160679
589.4	160727	160774	160822	160870	160918	160966	161014	161062	161110	161157
589.5	161205	161253	161301	161349	161397	161445	161493	161541	161589	161637
589.6	161685	161733	161781	161829	161877	161925	161973	162022	162070	162118
589.7	162166	162214	162262	162310	162358	162407	162455	162503	162551	162599
589.8	162648	162696	162744	162792	162841	162889	162937	162985	163034	163082
589.9	163130	163179	163227	163275	163324	163372	163420	163469	163517	163566
590.0	163614	163662	163711	163759	163808	163856	163905	163953	164002	164050
590.1	164099	164147	164196	164244	164293	164341	164390	164438	164487	164536
590.2	164584	164633	164681	164730	164779	164827	164876	164925	164973	165022
590.3	165071	165120	165168	165217	165266	165315	165363	165412	165461	165510
590.4	165558	165607	165656	165705	165754	165803	165851	165900	165949	165998
590.5	166047	166096	166145	166194	166243	166292	166341	166390	166439	166488
590.6	166537	166586	166635	166684	166733	166782	166831	166880	166929	166978
590.7	167027	167076	167125	167174	167224	167273	167322	167371	167420	167469
590.8	167519	167568	167617	167666	167716	167765	167814	167863	167913	167962
590.9	168011	168060	168110	168159	168208	168258	168307	168356	168406	168455
591.0	168505	168554	168603	168653	168702	168752	168801	168851	168900	168950
591.1	168999	169049	169098	169148	169197	169247	169296	169346	169395	169445
591.2	169494	169544	169594	169643	169693	169743	169792	169842	169892	169941
591.3	169991	170041	170090	170140	170190	170239	170289	170339	170389	170439
591.4	170488	170538	170588	170638	170688	170737	170787	170837	170887	170937
591.5	170987	171037	171087	171136	171186	171236	171286	171336	171386	171436
591.6	171486	171536	171586	171636	171686	171736	171786	171836	171886	171937
591.7	171987	172037	172087	172137	172187	172237	172287	172338	172388	172438
591.8	172488	172538	172589	172639	172689	172739	172790	172840	172890	172940
591.9	172991	173041	173091	173142	173192	173242	173293	173343	173393	173444

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
592.0	173494	173545	173595	173646	173696	173746	173797	173847	173898	173948
592.1	173999	174049	174100	174150	174201	174252	174302	174353	174403	174454
592.2	174504	174555	174606	174656	174707	174758	174808	174859	174910	174960
592.3	175011	175062	175113	175163	175214	175265	175316	175366	175417	175468
592.4	175519	175570	175620	175671	175722	175773	175824	175875	175926	175977
592.5	176027	176078	176129	176180	176231	176282	176333	176384	176435	176486
592.6	176537	176588	176639	176690	176741	176792	176843	176895	176946	176997
592.7	177048	177099	177150	177201	177252	177304	177355	177406	177457	177508
592.8	177560	177611	177662	177713	177765	177816	177867	177918	177970	178021
592.9	178072	178124	178175	178226	178278	178329	178380	178432	178483	178535
593.0	178586	178638	178689	178740	178792	178843	178895	178946	178998	179049
593.1	179101	179152	179204	179256	179307	179359	179410	179462	179513	179565
593.2	179617	179668	179720	179772	179823	179875	179927	179978	180030	180082
593.3	180134	180185	180237	180289	180341	180392	180444	180496	180548	180600
593.4	180651	180703	180755	180807	180859	180911	180963	181015	181066	181118
593.5	181170	181222	181274	181326	181378	181430	181482	181534	181586	181638
593.6	181690	181742	181794	181846	181899	181951	182003	182055	182107	182159
593.7	182211	182263	182316	182368	182420	182472	182524	182577	182629	182681
593.8	182733	182786	182838	182890	182942	182995	183047	183099	183152	183204
593.9	183256	183309	183361	183414	183466	183518	183571	183623	183676	183728
594.0	183781	183833	183885	183938	183990	184043	184095	184148	184201	184253
594.1	184306	184358	184411	184463	184516	184569	184621	184674	184727	184779
594.2	184832	184885	184937	184990	185043	185095	185148	185201	185254	185306
594.3	185359	185412	185465	185517	185570	185623	185676	185729	185782	185835
594.4	185887	185940	185993	186046	186099	186152	186205	186258	186311	186364
594.5	186417	186470	186523	186576	186629	186682	186735	186788	186841	186894
594.6	186947	187000	187053	187107	187160	187213	187266	187319	187372	187425
594.7	187479	187532	187585	187638	187692	187745	187798	187851	187905	187958
594.8	188011	188065	188118	188171	188225	188278	188331	188385	188438	188491
594.9	188545	188598	188652	188705	188759	188812	188866	188919	188973	189026
595.0	189080	189133	189187	189240	189294	189347	189401	189455	189508	189562
595.1	189615	189669	189723	189776	189830	189884	189937	189991	190045	190099
595.2	190152	190206	190260	190314	190367	190421	190475	190529	190583	190636
595.3	190690	190744	190798	190852	190906	190960	191014	191068	191122	191176
595.4	191229	191283	191337	191391	191445	191499	191554	191608	191662	191716

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
595.5	191770	191824	191878	191932	191986	192040	192094	192149	192203	192257
595.6	192311	192365	192420	192474	192528	192582	192637	192691	192745	192799
595.7	192854	192908	192962	193017	193071	193125	193180	193234	193288	193343
595.8	193397	193452	193506	193561	193615	193669	193724	193778	193833	193887
595.9	193942	193997	194051	194106	194160	194215	194269	194324	194379	194433
596.0	194488	194543	194597	194652	194707	194761	194816	194871	194925	194980
596.1	195035	195090	195144	195199	195254	195309	195364	195418	195473	195528
596.2	195583	195638	195693	195748	195803	195857	195912	195967	196022	196077
596.3	196132	196187	196242	196297	196352	196407	196462	196517	196572	196628
596.4	196683	196738	196793	196848	196903	196958	197013	197069	197124	197179
596.5	197234	197289	197345	197400	197455	197510	197566	197621	197676	197731
596.6	197787	197842	197897	197953	198008	198063	198119	198174	198230	198285
596.7	198340	198396	198451	198507	198562	198618	198673	198729	198784	198840
596.8	198895	198951	199006	199062	199118	199173	199229	199284	199340	199396
596.9	199451	199507	199563	199618	199674	199730	199785	199841	199897	199953
597.0	200008	200064	200120	200176	200232	200287	200343	200399	200455	200511
597.1	200567	200623	200678	200734	200790	200846	200902	200958	201014	201070
597.2	201126	201182	201238	201294	201350	201406	201462	201518	201574	201630
597.3	201686	201743	201799	201855	201911	201967	202023	202079	202136	202192
597.4	202248	202304	202360	202417	202473	202529	202586	202642	202698	202754
597.5	202811	202867	202923	202980	203036	203093	203149	203205	203262	203318
597.6	203375	203431	203488	203544	203601	203657	203714	203770	203827	203883
597.7	203940	203996	204053	204109	204166	204223	204279	204336	204392	204449
597.8	204506	204562	204619	204676	204733	204789	204846	204903	204960	205016
597.9	205073	205130	205187	205243	205300	205357	205414	205471	205528	205585
598.0	205642	205698	205755	205812	205869	205926	205983	206040	206097	206154
598.1	206211	206268	206325	206382	206439	206496	206553	206610	206668	206725
598.2	206782	206839	206896	206953	207010	207068	207125	207182	207239	207296
598.3	207354	207411	207468	207525	207583	207640	207697	207755	207812	207869
598.4	207927	207984	208041	208099	208156	208214	208271	208328	208386	208443
598.5	208501	208558	208616	208673	208731	208788	208846	208903	208961	209018
598.6	209076	209134	209191	209249	209306	209364	209422	209479	209537	209595
598.7	209652	209710	209768	209825	209883	209941	209999	210056	210114	210172
598.8	210230	210288	210345	210403	210461	210519	210577	210635	210693	210750
598.9	210808	210866	210924	210982	211040	211098	211156	211214	211272	211330

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
599.0	211388	211446	211504	211562	211620	211678	211736	211794	211853	211911
599.1	211969	212027	212085	212143	212201	212260	212318	212376	212434	212492
599.2	212551	212609	212667	212725	212784	212842	212900	212959	213017	213075
599.3	213134	213192	213250	213309	213367	213426	213484	213542	213601	213659
599.4	213718	213776	213835	213893	213952	214010	214069	214127	214186	214244
599.5	214303	214362	214420	214479	214537	214596	214655	214713	214772	214831
599.6	214889	214948	215007	215065	215124	215183	215242	215300	215359	215418
599.7	215477	215536	215594	215653	215712	215771	215830	215889	215948	216007
599.8	216065	216124	216183	216242	216301	216360	216419	216478	216537	216596
599.9	216655	216714	216773	216832	216891	216950	217009	217069	217128	217187
600.0	217246	217305	217364	217423	217483	217542	217601	217660	217719	217779
600.1	217838	217897	217956	218016	218075	218134	218194	218253	218312	218372
600.2	218431	218490	218550	218609	218668	218728	218787	218847	218906	218966
600.3	219025	219085	219144	219204	219263	219323	219382	219442	219501	219561
600.4	219620	219680	219740	219799	219859	219918	219978	220038	220097	220157
600.5	220217	220276	220336	220396	220456	220515	220575	220635	220695	220754
600.6	220814	220874	220934	220994	221053	221113	221173	221233	221293	221353
600.7	221413	221473	221533	221592	221652	221712	221772	221832	221892	221952
600.8	222012	222072	222132	222192	222253	222313	222373	222433	222493	222553
600.9	222613	222673	222733	222794	222854	222914	222974	223034	223095	223155
601.0	223215	223275	223336	223396	223456	223516	223577	223637	223697	223758
601.1	223818	223878	223939	223999	224060	224120	224180	224241	224301	224362
601.2	224422	224483	224543	224604	224664	224725	224785	224846	224906	224967
601.3	225027	225088	225148	225209	225270	225330	225391	225452	225512	225573
601.4	225634	225694	225755	225816	225876	225937	225998	226059	226119	226180
601.5	226241	226302	226362	226423	226484	226545	226606	226667	226727	226788
601.6	226849	226910	226971	227032	227093	227154	227215	227276	227337	227398
601.7	227459	227520	227581	227642	227703	227764	227825	227886	227947	228008
601.8	228069	228130	228191	228252	228314	228375	228436	228497	228558	228619
601.9	228681	228742	228803	228864	228925	228987	229048	229109	229171	229232
602.0	229293	229354	229416	229477	229538	229600	229661	229723	229784	229845
602.1	229907	229968	230030	230091	230152	230214	230275	230337	230398	230460
602.2	230521	230583	230644	230706	230768	230829	230891	230952	231014	231075
602.3	231137	231199	231260	231322	231384	231445	231507	231569	231630	231692
602.4	231754	231816	231877	231939	232001	232063	232124	232186	232248	232310

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
602.5	232372	232433	232495	232557	232619	232681	232743	232805	232867	232929
602.6	232991	233052	233114	233176	233238	233300	233362	233424	233486	233548
602.7	233610	233673	233735	233797	233859	233921	233983	234045	234107	234169
602.8	234232	234294	234356	234418	234480	234542	234605	234667	234729	234791
602.9	234854	234916	234978	235040	235103	235165	235227	235290	235352	235414
603.0	235477	235539	235602	235664	235726	235789	235851	235914	235976	236039
603.1	236101	236163	236226	236288	236351	236414	236476	236539	236601	236664
603.2	236726	236789	236852	236914	236977	237039	237102	237165	237227	237290
603.3	237353	237415	237478	237541	237604	237666	237729	237792	237855	237917
603.4	237980	238043	238106	238169	238232	238294	238357	238420	238483	238546
603.5	238609	238672	238735	238798	238861	238924	238987	239050	239113	239176
603.6	239239	239302	239365	239428	239491	239554	239617	239680	239743	239806
603.7	239869	239932	239996	240059	240122	240185	240248	240312	240375	240438
603.8	240501	240564	240628	240691	240754	240818	240881	240944	241007	241071
603.9	241134	241198	241261	241324	241388	241451	241514	241578	241641	241705
604.0	241768	241832	241895	241959	242022	242086	242149	242213	242276	242340
604.1	242403	242467	242530	242594	242658	242721	242785	242849	242912	242976
604.2	243040	243103	243167	243231	243294	243358	243422	243486	243549	243613
604.3	243677	243741	243804	243868	243932	243996	244060	244124	244187	244251
604.4	244315	244379	244443	244507	244571	244635	244699	244763	244827	244891
604.5	244955	245019	245083	245147	245211	245275	245339	245403	245467	245531
604.6	245595	245659	245723	245787	245852	245916	245980	246044	246108	246172
604.7	246237	246301	246365	246429	246494	246558	246622	246686	246751	246815
604.8	246879	246944	247008	247072	247137	247201	247265	247330	247394	247459
604.9	247523	247587	247652	247716	247781	247845	247910	247974	248039	248103
605.0	248168	248232	248297	248361	248426	248491	248555	248620	248684	248749
605.1	248814	248878	248943	249008	249072	249137	249202	249266	249331	249396
605.2	249461	249525	249590	249655	249720	249784	249849	249914	249979	250044
605.3	250109	250173	250238	250303	250368	250433	250498	250563	250628	250693
605.4	250758	250823	250888	250953	251018	251083	251148	251213	251278	251343
605.5	251408	251473	251538	251603	251668	251733	251799	251864	251929	251994
605.6	252059	252124	252190	252255	252320	252385	252451	252516	252581	252646
605.7	252712	252777	252842	252908	252973	253038	253104	253169	253234	253300
605.8	253365	253430	253496	253561	253627	253692	253758	253823	253889	253954
605.9	254020	254085	254151	254216	254282	254347	254413	254478	254544	254610

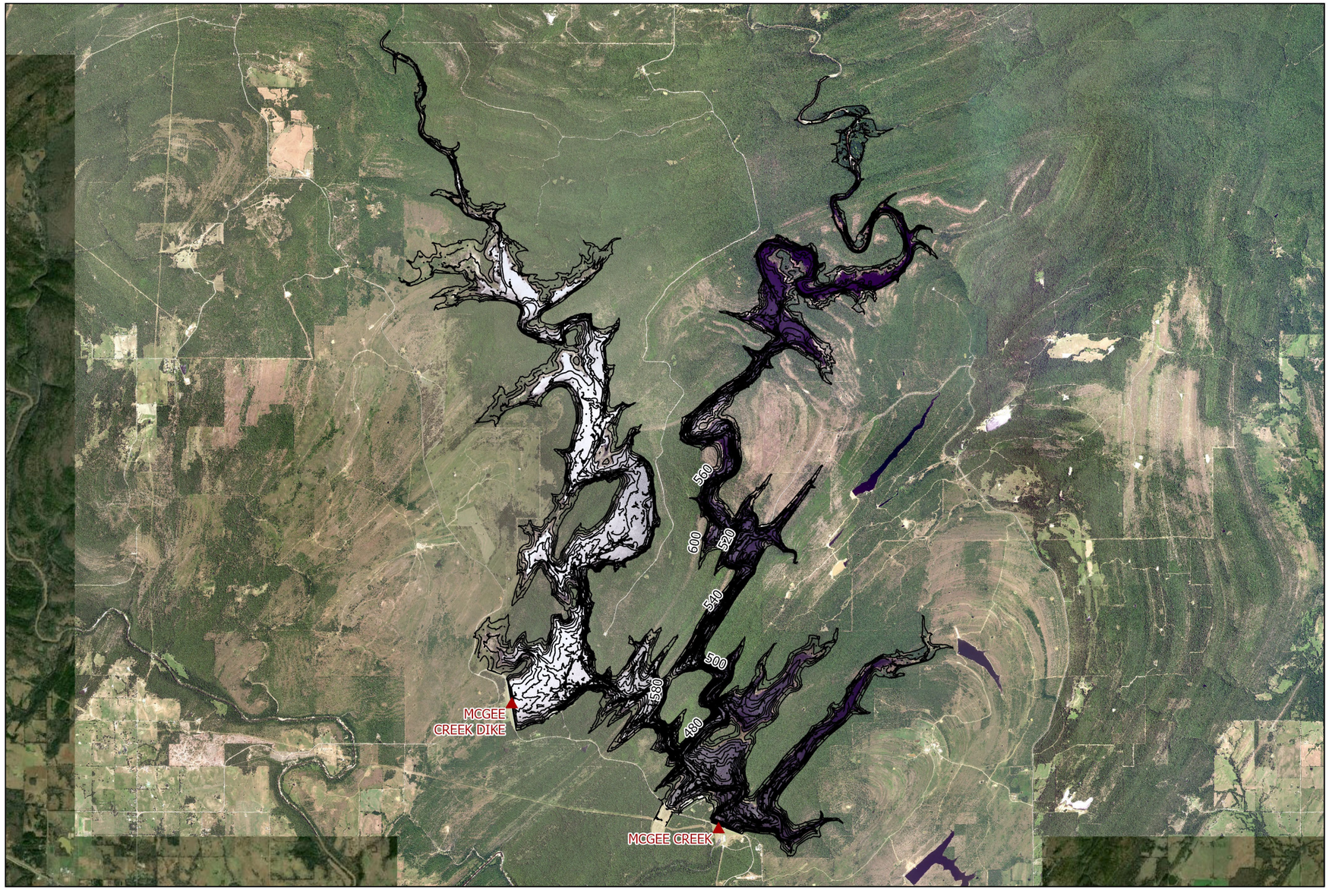
ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
606.0	254675	254741	254806	254872	254938	255003	255069	255135	255200	255266
606.1	255332	255398	255463	255529	255595	255661	255726	255792	255858	255924
606.2	255990	256055	256121	256187	256253	256319	256385	256451	256517	256583
606.3	256648	256714	256780	256846	256912	256978	257044	257110	257176	257242
606.4	257308	257374	257441	257507	257573	257639	257705	257771	257837	257903
606.5	257969	258036	258102	258168	258234	258300	258367	258433	258499	258565
606.6	258632	258698	258764	258830	258897	258963	259029	259096	259162	259228
606.7	259295	259361	259428	259494	259560	259627	259693	259760	259826	259893
606.8	259959	260026	260092	260159	260225	260292	260358	260425	260491	260558
606.9	260625	260691	260758	260824	260891	260958	261024	261091	261158	261224
607.0	261291	261358	261424	261491	261558	261625	261691	261758	261825	261892
607.1	261959	262025	262092	262159	262226	262293	262360	262427	262494	262560
607.2	262627	262694	262761	262828	262895	262962	263029	263096	263163	263230
607.3	263297	263364	263431	263498	263565	263632	263699	263767	263834	263901
607.4	263968	264035	264102	264169	264237	264304	264371	264438	264505	264573
607.5	264640	264707	264774	264842	264909	264976	265044	265111	265178	265246
607.6	265313	265380	265448	265515	265582	265650	265717	265785	265852	265920
607.7	265987	266055	266122	266190	266257	266325	266392	266460	266527	266595
607.8	266662	266730	266797	266865	266933	267000	267068	267136	267203	267271
607.9	267339	267406	267474	267542	267609	267677	267745	267813	267880	267948
608.0	268016	268084	268152	268219	268287	268355	268423	268491	268559	268627
608.1	268694	268762	268830	268898	268966	269034	269102	269170	269238	269306
608.2	269374	269442	269510	269578	269646	269714	269782	269850	269918	269986
608.3	270055	270123	270191	270259	270327	270395	270463	270532	270600	270668
608.4	270736	270805	270873	270941	271009	271078	271146	271214	271282	271351
608.5	271419	271487	271556	271624	271693	271761	271829	271898	271966	272035
608.6	272103	272171	272240	272308	272377	272445	272514	272582	272651	272719
608.7	272788	272856	272925	272994	273062	273131	273199	273268	273337	273405
608.8	273474	273543	273611	273680	273749	273817	273886	273955	274024	274092
608.9	274161	274230	274299	274367	274436	274505	274574	274643	274711	274780
609.0	274849	274918	274987	275056	275125	275194	275263	275332	275401	275469
609.1	275538	275607	275676	275745	275814	275883	275953	276022	276091	276160
609.2	276229	276298	276367	276436	276505	276574	276643	276713	276782	276851
609.3	276920	276989	277059	277128	277197	277266	277336	277405	277474	277543
609.4	277613	277682	277751	277821	277890	277959	278029	278098	278167	278237

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
609.5	278306	278376	278445	278514	278584	278653	278723	278792	278862	278931
609.6	279001	279070	279140	279209	279279	279348	279418	279488	279557	279627
609.7	279696	279766	279836	279905	279975	280045	280114	280184	280254	280323
609.8	280393	280463	280533	280602	280672	280742	280812	280882	280951	281021
609.9	281091	281161	281231	281301	281370	281440	281510	281580	281650	281720
610.0	281790									

8. Appendix B

Contour maps developed from the 2022 survey

The following pages contain contour maps developed from the surface created from the 2022 survey surface.



McGee Creek Reservoir
Oklahoma
Elevation
Contour Map

Overview Map

Map Prepared By:
Geographic Applications & Analysis Group
Bureau of Reclamation
Technical Service Center - 05/09/23

Horizontal Datum based on North American Datum (NAD) 1983 (2011) State Plane Oklahoma South FIPS 3502 (US Feet); (WKID: 6555)

Elevations were recalculated by subtracting 0.5ft to convert elevation values to Reclamation Project Vertical Datum

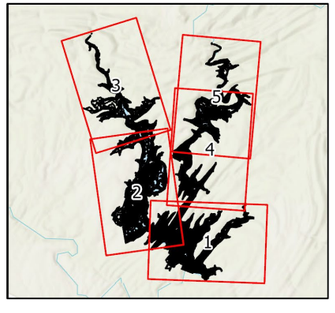
10-foot Contour Interval, Index dashed

Data Source:
2023 McGee Creek Reservoir survey bathymetry combined with 2017 aerial lidar.

N

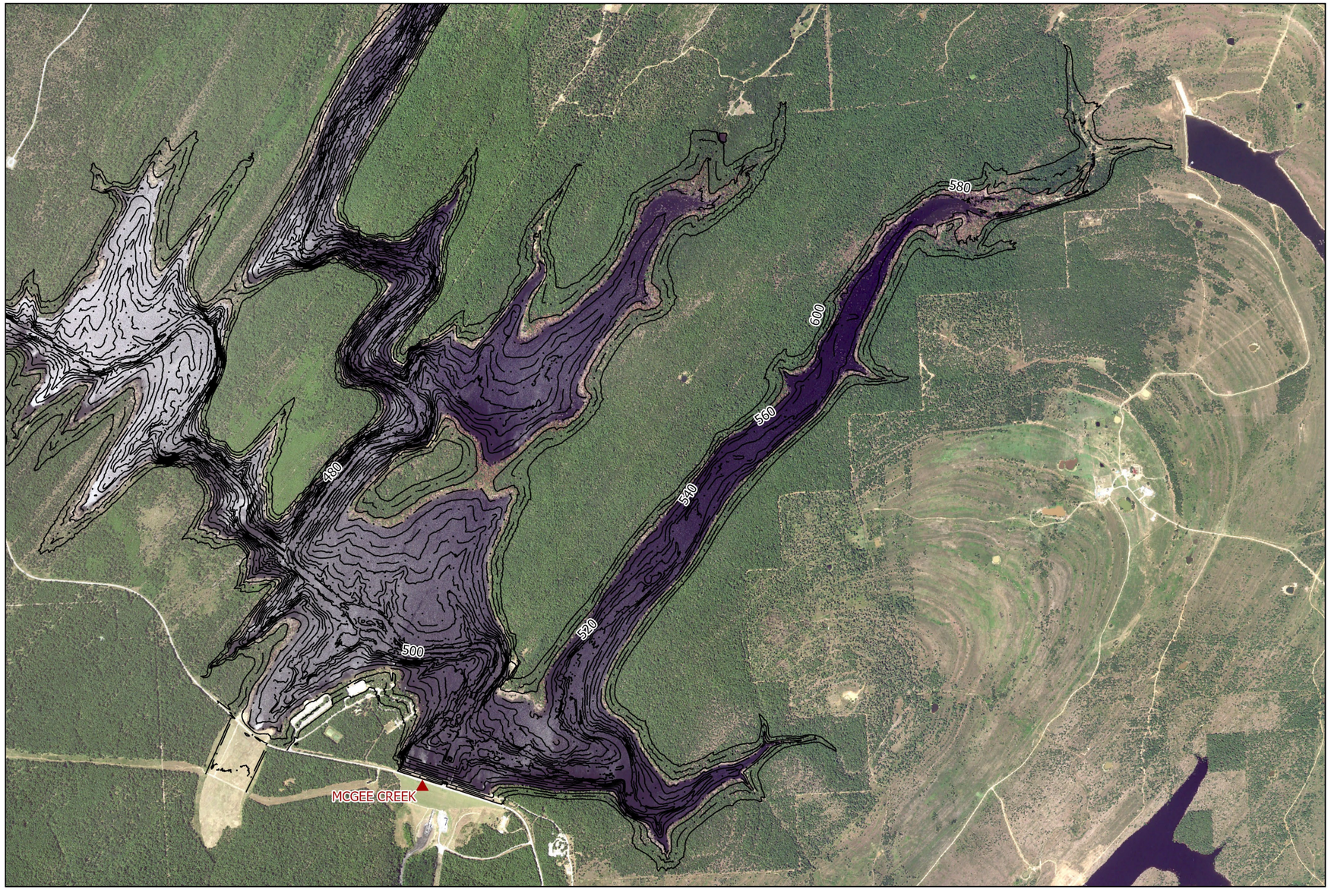
Scale 1:80,000

0 5,000 10,000 Feet



Esri, NASA, NGA, USGS, Earthstar Geographics, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS

BUREAU OF RECLAMATION



Esri, NASA, NGA, USGS, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Maxar

McGee Creek Reservoir Oklahoma Elevation Contour Map

Sheet 1

Map Prepared By:
Geographic Applications & Analysis Group
Bureau of Reclamation
Technical Service Center - 05/09/23

Horizontal Datum based on North American Datum (NAD) 1983 (2011) State Plane Oklahoma South FIPS 3502 (US Feet); (WKID: 6555)

Elevations were recalculated by subtracting 0.5ft to convert elevation values to Reclamation Project Vertical Datum

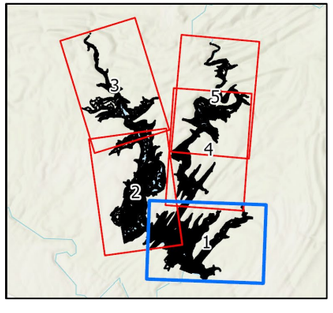
10-foot Contour Interval, Index dashed

Data Source:
2023 McGee Creek Reservoir survey bathymetry combined with 2017 aerial lidar.

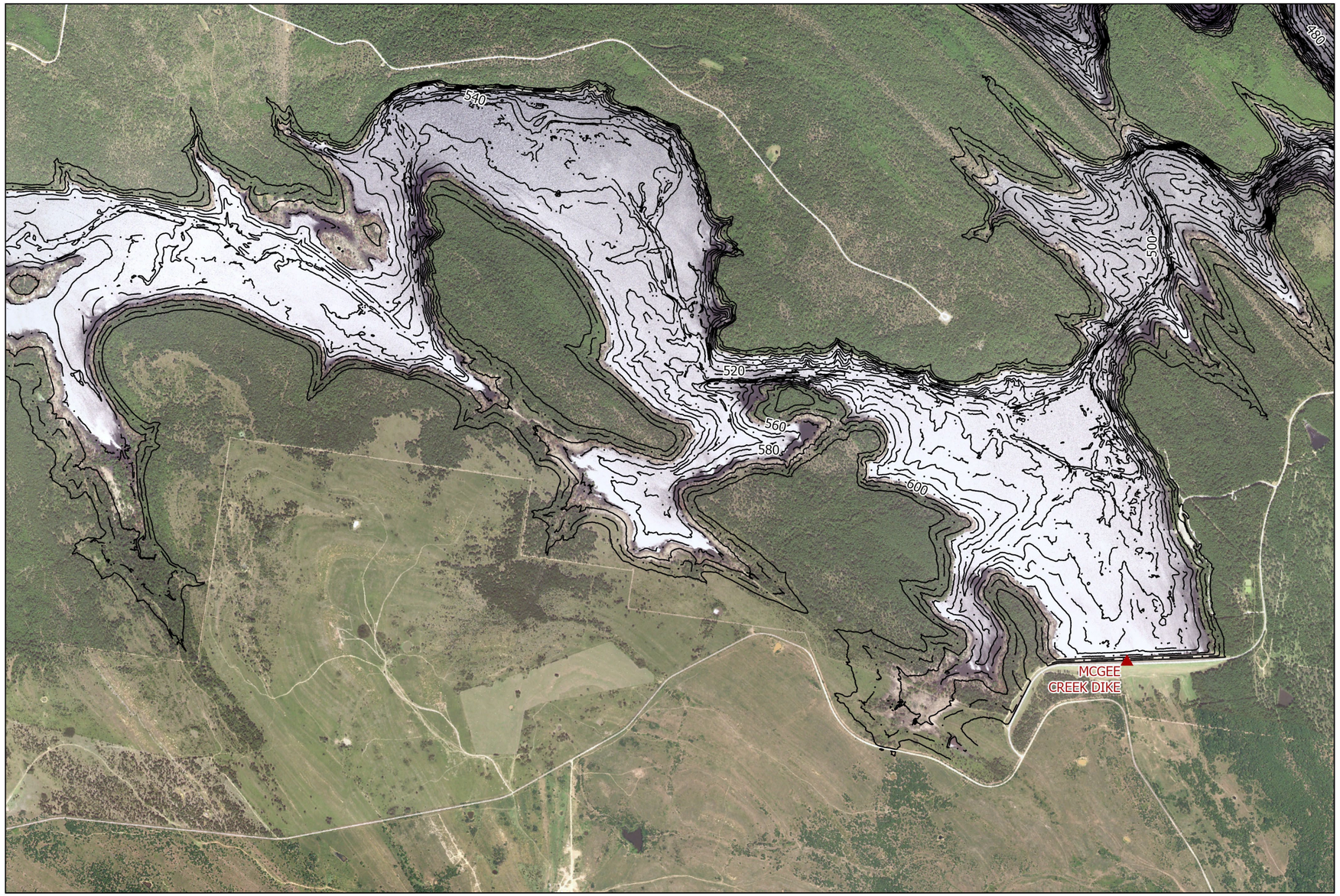
N

Scale 1:20,000

0 2,000 4,000 Feet



BUREAU OF RECLAMATION



Esri, NASA, NGA/ildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, METI/NASA, USR, USGS, Maxar

McGee Creek Reservoir Oklahoma Elevation Contour Map

Sheet 2

Map Prepared By:
Geographic Applications & Analysis Group
Bureau of Reclamation
Technical Service Center - 05/09/23

Horizontal Datum based on North American Datum (NAD) 1983 (2011) State Plane Oklahoma South FIPS 3502 (US Feet); (WKID: 6555)

Elevations were recalculated by subtracting 0.5ft to convert elevation values to Reclamation Project Vertical Datum

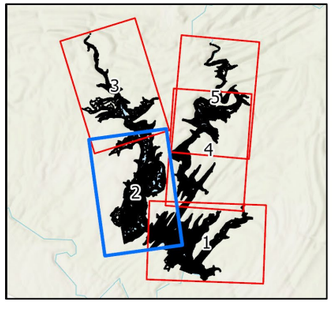
10-foot Contour Interval, Index dashed

Data Source:
2023 McGee Creek Reservoir survey bathymetry combined with 2017 aerial lidar.

N

Scale 1:20,000

0 2,000 4,000 Feet



BUREAU OF RECLAMATION

Esri, NASA, NGA, USGS, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Maxar

McGee Creek Reservoir Oklahoma Elevation Contour Map

Sheet 3

Map Prepared By:
Geographic Applications & Analysis Group
Bureau of Reclamation
Technical Service Center - 05/09/23

Horizontal Datum based on North American Datum (NAD) 1983 (2011) State Plane Oklahoma South FIPS 3502 (US Feet); (WKID: 6555)

Elevations were recalculated by subtracting 0.5ft to convert elevation values to Reclamation Project Vertical Datum

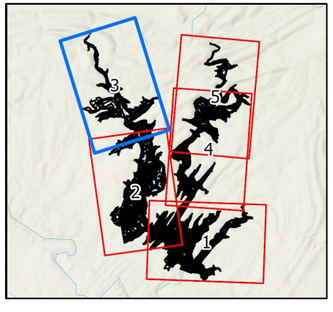
10-foot Contour Interval, Index dashed

Data Source:
2023 McGee Creek Reservoir survey bathymetry combined with 2017 aerial lidar.

N

Scale 1:20,000

0 2,000 4,000 Feet



BUREAU OF RECLAMATION

Esri, NASA, NGA, USGS, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Maxar

McGee Creek Reservoir Oklahoma Elevation Contour Map

Sheet 4

Map Prepared By:
Geographic Applications & Analysis Group
Bureau of Reclamation
Technical Service Center - 05/09/23

Horizontal Datum based on North American Datum (NAD) 1983 (2011) State Plane Oklahoma South FIPS 3502 (US Feet); (WKID: 6555)

Elevations were recalculated by subtracting 0.5ft to convert elevation values to Reclamation Project Vertical Datum

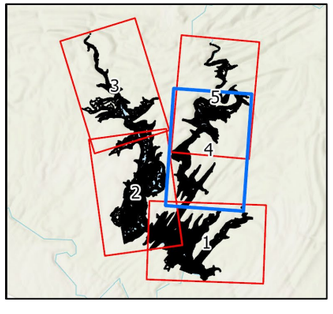
10-foot Contour Interval, Index dashed

Data Source:
2023 McGee Creek Reservoir survey bathymetry combined with 2017 aerial lidar.

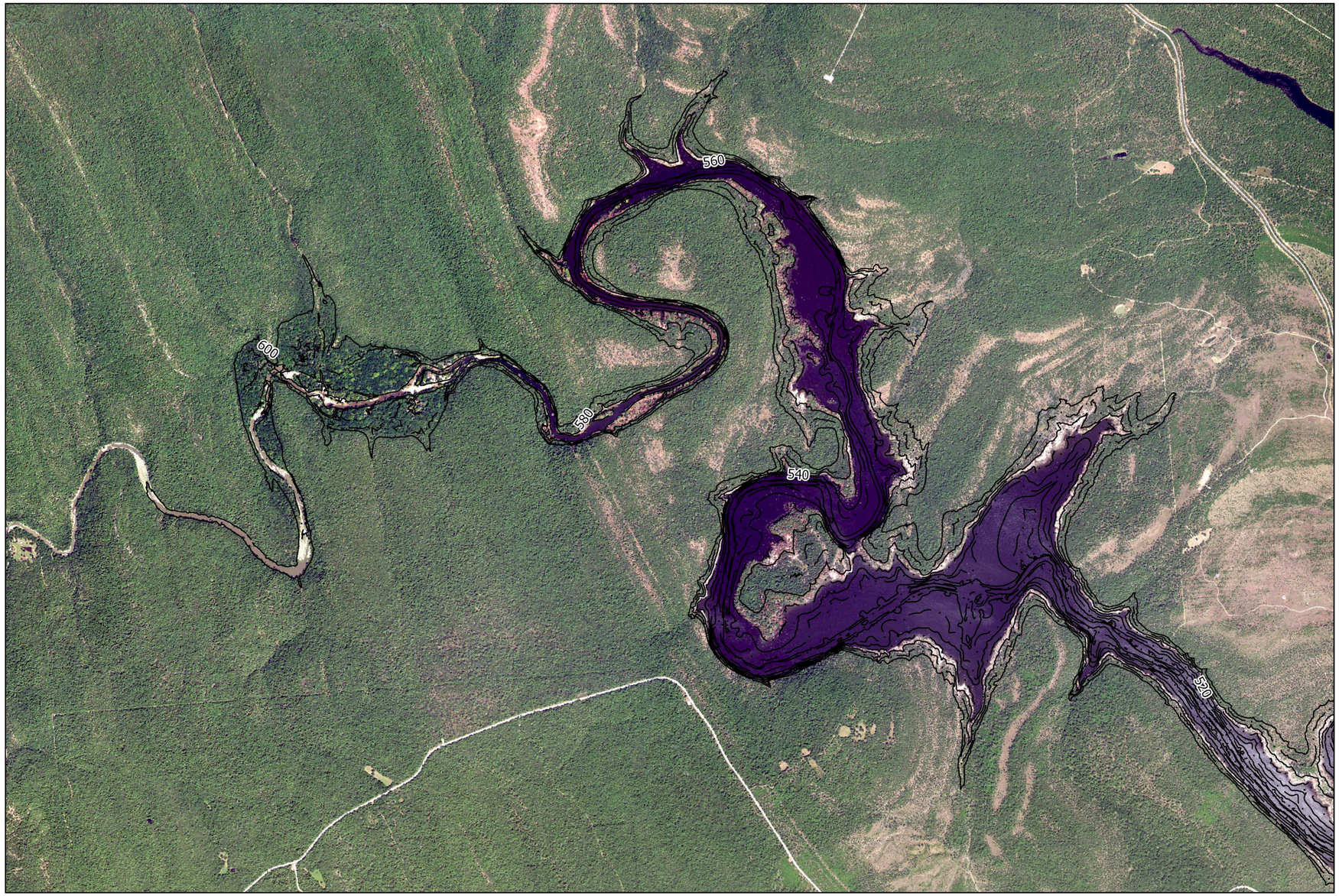
N

Scale 1:20,000

0 2,000 4,000 Feet



BUREAU OF RECLAMATION



Esri, NASA, NGA, USGS, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Maxar

McGee Creek Reservoir Oklahoma Elevation Contour Map

Sheet 5

Map Prepared By:
Geographic Applications & Analysis Group
Bureau of Reclamation
Technical Service Center - 05/09/23

Horizontal Datum based on North American Datum (NAD) 1983 (2011) State Plane Oklahoma South FIPS 3502 (US Feet); (WKID: 6555)

Elevations were recalculated by subtracting 0.5ft to convert elevation values to Reclamation Project Vertical Datum

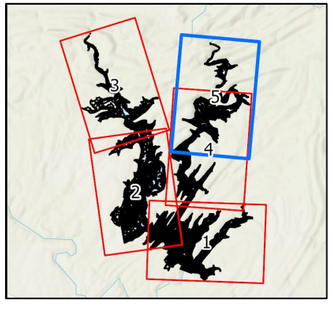
10-foot Contour Interval, Index dashed

Data Source:
2023 McGee Creek Reservoir survey bathymetry combined with 2017 aerial lidar.

N

Scale 1:20,000

0 2,000 4,000 Feet



BUREAU OF RECLAMATION