

**TWDB**  
**Exhibit 3: Key Datasets**

TWDB Division	Name	Description of Data	Data Maintained By	Hyperlink (if publicly available)	Legal Prohibition to Disclosure**	State or Federal Law Reference
IT	Accounting	eTSS/Labor Distribution	TWDB		Y	
IT	APM	application program management; clockwise, global application Login	TWDB		Y	
IT	BRACS	Brackish Resources Aquifer Characterization System	TWDB		N	
IT	cascade	web db for IWIN, CMS	TWDB		N	
IT	desal	Desalination Plant Database	TWDB		N	
IT	GCD	Groundwater Conservation District	TWDB		N	
IT	GWDB	Ground Water Data Base stores information about Ground wells, Hydrography, water levels and quality information by acquifers and county dimensions	TWDB		N	
IT	HFWParams	hal file	TWDB		Y	
IT	LGTS	Texas Water Information System Expansion (TxWISE), Contract Administration System (CAS), contains loan project management information	TWDB/ Northbridge		Y	
IT	OLA	online loan application	TWDB		Y	
IT	PerfMeasure	legislative db;Performance Measures Application	TWDB		N	
IT	ReportServerExt	SSRS Reporting Database	TWDB		N	
IT	ReportServerExtTempDB	SSRS Reporting Database	TWDB		N	
IT	ReportServerInt	SSRS Reporting Database	TWDB		N	
IT	ReportServerIntTempDB	SSRS Reporting Database	TWDB		N	
IT	RMM	records management microfiche	TWDB		Y	
IT	RWP	regional water planning	TWDB		Y	
IT	SARA	Secured Agency Reporting Application	TWDB		N	
IT	SDR	submitted water driller database stores information about drillers, plugging details and inspections	TWDB		Y	
IT	WaterPlanning	Water Planning	TWDB		Y	
IT	WCA	Water conservation app database stores information about suppliers, retail, wholesale and utility details	TWDB		Y	
IT	WLA	Water Loss Audit database stores information about audits by category, utility and water balance data	TWDB		Y	
IT	WU	Water Use Survey database stores information about historical water survey, reuse details	TWDB		Y	
IT	cAsset	iSupport	DIR		N	
IT	cSupport	iSupport	DIR		N	
IT	cSupport_Archive	iSupport	DIR		N	
IT	cSupport_Archive_Change	iSupport	DIR		N	
IT	cSupport_Archive_Problem	iSupport	DIR		N	
IT	cSupport_Archive_Purchase	iSupport	DIR		N	
IT	cSupport_Bomgar	iSupport	DIR		N	
IT	cSupport_Image_Store	iSupport	DIR		N	
IT	cSupport_Workflow	iSupport	DIR		N	
IT	cSupportReporting	iSupport	DIR		N	
IT	cSurvey	iSupport	DIR		N	
IT	NpsSqlSys	(MIPS Security)	DIR		N	
IT	NTO	(MIPS, training)	DIR		N	
IT	ReportServer2	SSRS Reporting Database	DIR		N	

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IT	ReportServer2TempDB	SSRS Reporting Database	DIR		N	
IT	TWDB	MIPS	DIR		N	
IT	Mesonet	rainfall tracker	TWDB		N	
Conservation and Innovative Water Technologies	Water Loss, Use & Conservation Reporting Application	Contains data from the Water Use Survey, the Water Loss Audit, Water Conservation Plans & Annual Reports.	TWDB		N	
Conservation and Innovative Water Technologies	Desalination Plant Database	Desalination Plants with a capacity greater than 0.025 MGD in Texas	TWDB	<a href="https://www3.twdb.texas.gov/apps/waterdatainteractive/GroundwaterDataViewer/?map=desal">https://www3.twdb.texas.gov/apps/waterdatainteractive/GroundwaterDataViewer/?map=desal</a>	N	
Conservation and Innovative Water Technologies	Statewide Survey of Aquifer Suitability for Aquifer Storage and Recovery (ASR) Projects or Aquifer Recharge Projects (AR) - Interactive Map	The Statewide Survey of Aquifer Suitability for Aquifer Storage and Recovery (ASR) Projects or Aquifer Recharge Projects (AR) interactive web map application allows users to geographically view areas within the aquifers of the state that might be suitable for ASR or AR projects.	TWDB	<a href="https://twdb-wsc.maps.arcgis.com/apps/webappviewer/index.html?id=50d9b795672243d387cef438f7c62311">https://twdb-wsc.maps.arcgis.com/apps/webappviewer/index.html?id=50d9b795672243d387cef438f7c62311</a>	N	
Conservation and Innovative Water Technologies	Statewide Survey of Aquifer Suitability for Aquifer Storage and Recovery (ASR) Projects or Aquifer Recharge Projects (AR) - GIS Datasets	The geodatabases and supporting Geographic Information System (GIS) files that underlie the Statewide Survey of Suitability of ASR and AR projects in Texas Interactive Map are available for download and use.	TWDB	<a href="http://www.twdb.texas.gov/innovativewater/asr/projects/Statewide/docs/GIS_StatewideSurvey_ASR_AR_Suitability.zip">http://www.twdb.texas.gov/innovativewater/asr/projects/Statewide/docs/GIS_StatewideSurvey_ASR_AR_Suitability.zip</a>	N	
Flood Science & Community Assistance	Base Level Engineering	Approximate flood hazard mapping for the entire state. Data is developed to assist government agencies and the general public rapidly assess flood risk in an area, especially where FEMA data may be unavailable or out of date. Also, the models can serve as a consistent starting framework for more detailed flood risk study. While this specific data set is not explicitly required by law, TWDB is generally required by state statute to develop flood mapping data.	TWDB, FEMA, and USGS collaboratively develop, maintain, and share the data freely online	<a href="https://webapps.usgs.gov/infrm/estbfe/">https://webapps.usgs.gov/infrm/estbfe/</a> [actual data location]  <a href="https://www.twdb.texas.gov/flood/mapping/ble.asp">https://www.twdb.texas.gov/flood/mapping/ble.asp</a> [state website describing effort]	N	Texas Water Code 16.136
Flood Science & Community Assistance	Flood Mitigation Assistance (FMA) Grant Program Data	During the life of the grant agreement with FEMA, TWDB staff maintain supporting documentation related to the subgrant in addition to the documentation maintained in TWDB's Contract Administrative System (CAS).	TWDB maintaining Texas data, supporting FEMA's national program	Not publicly available	Y (some protection under Federal Privacy Act related to personally identifiable information)	2 CFR Part 200

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Flood Science & Community Assistance	Community Assistance Program, State Support Services Element (CAP-SSSE) Grant Program Data	The TWDB maintains NFIP community data that includes community contact information, program participation status, higher standards information and ordinance/court order documents. In addition, the agency maintains Community Assistance Contact, Community Assistance Visit and General Technical Assistance data within FEMA's Community Information System. Some of the information is available online or by request. Access to the CIS information requires clearance from the US Department of Homeland Security.	TWDB maintaining Texas data, supporting FEMA's national program	<a href="#">Community Resources   Texas Water Development Board</a>	Y (some protection under Federal Privacy Act related to personally identifiable information)	
Flood Science & Community Assistance	Cooperating Technical Partner (CTP) Program Data	The TWDB handles programmatic and financial data for the CTP projects, and our staff or contractors house the technical data depending on who is doing the work. All data goes through a QAQC process before being submitted to FEMA through the Mapping Information Platform.	TWDB maintaining Texas data, supporting FEMA's national program	<a href="https://msc.fema.gov/portal/home">https://msc.fema.gov/portal/home</a> <a href="https://webapps.usgs.gov/infrm/estbfe/">[Final FIRM products]</a> <a href="https://webapps.usgs.gov/infrm/estbfe/">[actual data location]</a>	Y (some protection under Federal Privacy Act related to personally identifiable information)	Procurement of contractors (2 CFR Part 200), CTPs & Contractors (44 CFR Parts 65, 66 and 67)
Groundwater	TWDB Groundwater Database	Contains information on select water wells, springs, oil/gas test wells (that were originally intended to be or were converted to water wells), water levels, and water quality	TWDB	<a href="http://www.twdb.texas.gov/groundwater/data/gwdbprt.asp">http://www.twdb.texas.gov/groundwater/data/gwdbprt.asp</a>	N	
Groundwater	Submitted Driller's Reports Database	TWDB Submitted Driller's Reports Database is a cooperative effort with the Texas Department of Licensing and Regulation Water Well Drillers and Pump Installers Program. The database, accessed through the Texas well Report Submission and Retrieval System, contains well construction information submitted by licensed water well drillers. TDLR requires drillers to submit well construction reports within 60 days of drilling completion. While the regulations have been in place for many decades, the SDRDB only began collecting these data in 2001.	TWDB	<a href="http://www.twdb.texas.gov/groundwater/data/drillersdb.asp">http://www.twdb.texas.gov/groundwater/data/drillersdb.asp</a>	N	
Groundwater	BRACS Database	Stores well and geology information in support of projects to characterize the brackish groundwater resources of Texas	TWDB	<a href="http://www.twdb.texas.gov/groundwater/bracs/database.asp">http://www.twdb.texas.gov/groundwater/bracs/database.asp</a>	N	
Surface Water	Freshwater Inflow Estimates	The Coastal Hydrology program provides estimates of historical freshwater inflows and inflow balances for Texas bays and estuaries to support environmental and water planning studies at TWDB. Monthly and annual summaries are available for the major estuaries from 1940. Daily summaries are available from 1977 including for the minor estuaries.	TWDB	<a href="http://www.twdb.texas.gov/surfacewater/bays/coastal_hydrology/index.asp">http://www.twdb.texas.gov/surfacewater/bays/coastal_hydrology/index.asp</a> <a href="https://waterdatafortexas.org/coastal/hydrology">https://waterdatafortexas.org/coastal/hydrology</a>	N	
Surface Water	Texas Bays & Estuaries Continuous Water Quality Monitoring	The TWDB collects water temperature, conductivity (salinity), and depth data every 60 minutes at select locations in all major and some minor estuaries in Texas, with some data extending back to 1986. TWDB also occasionally collects dissolved oxygen, pH, and other parameters as part of special studies.	TWDB and USGS	<a href="https://waterdatafortexas.org/coastal">https://waterdatafortexas.org/coastal</a>	N	

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Surface Water	Estuarine Hydrographic Surveys	The TWDB conducts synoptic hydrographic surveys of all major Texas estuaries to obtain water velocity, water level, and water quality data in navigation channels and other representative bay locations over several tidal cycles.	TWDB	<a href="https://www.twdb.texas.gov/surfacewater/bays/surveys/index.asp">https://www.twdb.texas.gov/surfacewater/bays/surveys/index.asp</a>	N	
Surface Water	Estuarine Modeled Circulation and Salinity	The TWDB develops, maintains, and utilizes depth-averaged, two-dimensional and three-dimensional+C92 hydrodynamic and salinity transport models which are capable of producing high-resolution, dynamic simulations of estuarine circulation and salinity patterns over long-term periods covering a year or more.	TWDB	<a href="https://www.twdb.texas.gov/surfacewater/bays/models/index.asp">https://www.twdb.texas.gov/surfacewater/bays/models/index.asp</a>	N	
Surface Water	Texas Water Conditions Report	The TWDB produces a monthly summary report describing statewide and regional conditions for 118 major water supply reservoirs, streamflow by Hydrologic Unit Codes (HUCs), rainfall and soil moisture conditions for the state, and 17 key groundwater monitoring wells.	TWDB	<a href="https://www.twdb.texas.gov/surfacewater/conditions/report/index.asp">https://www.twdb.texas.gov/surfacewater/conditions/report/index.asp</a>	N	
Surface Water	Texmesonet	The TexMesonet is a statewide meteorological and earth observation data collection network that aggregates the state's existing weather station networks into a central repository. The network is being expanded through the addition of automated weather stations in areas where there are data gaps in existing network coverage.	TWDB, NWS, and numerous regional and local entities	<a href="https://texmesonet.org/about">https://texmesonet.org/about</a>	N	
Surface Water	Hydrographic Survey Program	TWDB's Hydrographic Survey Program collects bathymetric and sedimentation data on reservoirs throughout Texas.	TWDB	<a href="https://www.twdb.texas.gov/surfacewater/surveys/index.asp">https://www.twdb.texas.gov/surfacewater/surveys/index.asp</a>	N	
Surface Water	Lake Evaporation/Rainfall	Monthly reservoir evaporation rates and rainfall are provided for each 1° quadrangle in Texas. Rainfall data are available from 1940 while gross lake surface evaporation data are available from 1954.	TWDB	<a href="https://waterdatafortexas.org/lake-evaporation-rainfall">https://waterdatafortexas.org/lake-evaporation-rainfall</a>	N	
Surface Water	Drought Dashboard	TWDB accesses, compiles, and displays - via interactive maps - Drought Monitor data, 4 km x 4 km resolution monthly rainfall and temperature data, daily instantaneous soil moisture data, streamflow percentiles by HUCs, and five drought indices, including the Standardized Precipitation Index, the Palmer Drought Severity Index, the Evaporative Demand Drought Index, the Keetch-Byram Drought Index, and the QuickDRI index.	TWDB accesses data from the National Drought Mitigation Center, PRISM Climate Group, USGS, NASA, and NOAA+D62	<a href="https://www.waterdatafortexas.org/drought">https://www.waterdatafortexas.org/drought</a>	N	



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Flood Planning	Flood Planning Geodatabase Templates	The TWDB generated template GIS geodatabases with multiple feature classes and tables for the regional flood planning groups	TWDB	<a href="https://twdb-flood-planning-resources-twdb.hub.arcgis.com/pages/fpr-templates">https://twdb-flood-planning-resources-twdb.hub.arcgis.com/pages/fpr-templates</a>	Y (with release of the following information being prohibited: Confidential materials that fall under protection in accordance with the Homeland Security Act such as information related to classification and location of "High" hazard dams, Confidential/sensitive information on specific flood risk(s) to critical infrastructure, and Any confidential/sensitive NFIP claims related data.)	
Program Administration and Reporting	TxWISE/CAS	A comprehensive, agency-wide, automated loan, grant, and contract management information system.	TWDB		N	
Program Administration and Reporting	Online Application	Allows entities to submit and manage Project Information Forms and applications for financial assistance from any of the TWDB's funding programs.	TWDB	<a href="https://ola.twdb.texas.gov/">https://ola.twdb.texas.gov/</a>	N	
TNRIS/StratMap	Texas Orthoimagery*	High resolution statewide aerial imagery dating back to 1995	TWDB	<a href="http://data.tnris.org">data.tnris.org</a>	N	
TNRIS/StratMap	Texas Elevation Data*	High resolution digital elevation points covering the state at various resolutions, dating back to 2006 to present.	TWDB	<a href="http://data.tnris.org">data.tnris.org</a>	N	
TNRIS/StratMap	Historical Aerial Imagery*	95% digital, the remaining in print form; digital aerial photography dating back to the 1930's to the mid-90's	TWDB	In-house; <a href="http://data.tnris.org">data.tnris.org</a>	N	
TNRIS/StratMap	StratMap Boundaries*	Digital files depicting county boundaries, city boundaries, address points, land parcel boundaries, and special areas of interest such as parks and administrative areas.	TWDB	<a href="http://data.tnris.org">data.tnris.org</a>	N	
TNRIS/StratMap	River Basin Boundaries	Paper map and digital scans depicting all major river basin boundaries within and bordering the state of Texas to support the state water plan.	TWDB	<a href="http://data.tnris.org">data.tnris.org</a>	N	Texas Water Code §16.051(c)

\*High-value dataset

\*\*These responses are accurate to the best of our knowledge but may need to be updated if personally identifiable or other information is identified that prohibits them from release.