Table 1. Status of MODFLOW 6 Packages and Features in ModelMuse

Package or Feature	Status	Notes
Simulation Name File	supported	
Temporal Discretization (TDIS) Package	supported	
GWF Model Name File	supported	
Structured Discretization (DIS) Input File	supported	
Discretization with Vertices (DISV) Input File	supported	Only quadtree refinement supported
Unstructured Discretization (DISU) Input File	not supported	
Initial Conditions (IC) Package	supported	
Output Control (OC) Option	supported	
Observation (OBS) Utility for a GWF Model	supported	
Node Property Flow (NPF) Package	supported	
XT3D in NPF Package	supported	
Horizontal Flow Barrier (HFB) Package	supported	
Storage (STO) Package	supported	
Constant-Head (CHD) Package	supported	
Well (WEL) Package	supported	
Drain (DRN) Package	supported	
River (RIV) Package	supported	
General-Head Boundary (GHB) Package	supported	
Recharge (RCH) Package	supported	List-Based Input is always used
Evapotranspiration (EVT) Package	supported	List-Based Input is always used
Multi-Aquifer Well (MAW) Package	supported	
Streamflow Routing (SFR) Package	supported	
SFR Cross Sections	supported	Rhk (time-varying streambed hydraulic conductivity not supported
Lake (LAK) Package	supported	
Unsaturated Zone Flow (UZF) Package	supported	
Water Mover (MVR) Package	supported	
Ghost-Node Correction (GNC) Package	supported	Only in DISV grids
Groundwater Flow (GWF) Exchange	not supported	
Iterative Model Solution	supported	
Observation (OBS) Utility	supported	
Time-Variable Input	supported	
Multiple Flow Models in One Simulation	not supported	
Multiple Stress Packages of the Same Type	not supported	
Groundwater (Solute) Transport	supported	
Time-varying Hydraulic Conductivity Package	supported	
Time-Varying Storage Package	supported	
Buoyancy Package	supported	
Viscosity Package	supported	
Groundwater Energy Transport (GWE)	supported	
Particle Tracking (PRT)	supported	
AUXMULTNAME	supported	
Initial Conditions (IC) for Groundwater (Solute) Transport GWT	supported	
Output Control (OC) Option for GWT	supported	
Observation (OBS) Utility for GWT	supported	
Advection (ADV) Package for GWT	supported	
Dispersion (DSP Package for GWT	supported	
Source and Sink Mixing (SSM) Package for GWT	supported	

Mobile Storage and Transfer (MST) Package for GWT	supported
Immobile Storage and Transfer (IST) Package for GWT	supported
Constant Concentration (CNC) Package for GWT	supported
Mass Source Loading (SRC) Package for GWT	supported
Streamflow Transport (SFT) Package for GWT	supported
Lake Transport (LKT) Package for GWT	supported
Multi-Aquifer Well Transport (MWT) Package for GWT	supported
Unsaturated Zone Transport (UZT) Package for GWT	supported
Flow Model Interface (FMI) Package for GWT	supported
Mover Transport (MVT) Package for GWT	supported
Groundwater (Solute) Transport Exchange	not supported
Initial Conditions (IC) for Groundwater Energy Transport GWE	supported
Output Control (OC) Option for GWE	supported
Observation (OBS) Utility for GWE	supported
Advection (ADV) Package for GWE	supported
Conduction and Dispersion (CND) Package for GWE	supported
Energy Storage and Transfer (EST) Package for GWE	supported
Source and Sink Mixing (SSM) Package for GWE	supported
Constant Temperature (CTP) Package for GWE	supported
Energy Source Loading (ESL) Package for GWE	supported
Streamflow Energy Transport (SFE) Package for GWE	supported
Lake Energy Transport (LKE) Package for GWE	supported
Multi-Aquifer Well Energy Transport (MWE) Package for GWE	supported
Unsaturated Zone Energy Transport (UZE) Package for GWE	supported
Flow Model Interface (FMI) Package for GWE	supported
Mover Energy Transport (MVE) Package for GWE	supported
Groundwater Energy Transport (GWE) Exchange	not supported
Barriers between cells in different layers in HFB package	not supported
Tilted wells in MAW package	not supported