1. Status of MODFLOW 6 Packages and Features in ModelMuse

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| 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 Transport | supported |  |
| Time-varying Hydraulic Conductivity Package | supported |  |
| Time-Varying Storage Package | supported |  |
| Buoyancy Package | supported |  |
| Viscosity Package | supported |  |
| Groundwater Energy Transport (GWE) | not supported |  |
| Particle Tracking (PRT) | not supported |  |
| AUXMULTNAME | supported |  |