

# March 2021 Disturbance Flow Routing through Grand Canyon

\*All times are MST (and approximate)

● Critical Disturbance flow monitoring sites

Ramp down from ops. - flow decreases from 9,700 ft<sup>3</sup>/s  
 Start of low base flow - flow steady at 4,000 cfs  
 Disturbance Start - Increase above baseflow (4,000 ft<sup>3</sup>/s)  
 Peak Begin - Flow reaches 20,150 ft<sup>3</sup>/s  
 Peak End - Flow decreases below 20,150 ft<sup>3</sup>/s  
 Disturbance End - Return to baseflow (~13,850 ft<sup>3</sup>/s)

**Glen Canyon Dam**  
Disturbance Hydrograph  
 Ramp-down from ops. - 3/15 6 AM  
 Start of low baseflow - 3/15 8 AM  
 Disturbance Start - 3/20 8 AM  
 Peak Begin - 3/22 8 AM  
 Peak End - 3/25 6 PM  
 Disturbance End - 3/25 8 PM

**Lees Ferry, RM0**  
Disturbance Hydrograph  
 Ramp-down from ops. - 3/15 9 AM  
 Start of low baseflow - 3/15 1 PM  
 Disturbance Start - 3/20 10 AM  
 Peak Begin - 3/22 1 PM  
 Peak End - 3/25 6 PM  
 Disturbance End - 3/26 1 AM

**Lees Ferry, RM0**  
 ●  
 Glen Canyon Dam

**Pearce Ferry, RM279**  
Disturbance Hydrograph  
 Ramp-down from ops - 3/17 8 PM  
 Start of low baseflow - 3/19 1 AM  
 Disturbance Start - 3/23 10 AM  
 Peak Begin - 3/24 7 PM  
 Peak End - 3/27 10 AM  
 Disturbance End - 3/28 10 AM

**National Canyon, RM166**  
Disturbance Hydrograph  
 Ramp-down from ops. - 3/16 7 PM  
 Start of low baseflow - 3/17 3 PM  
 Disturbance Start - 3/22 2 AM  
 Peak Begin - 3/23 9 PM  
 Peak End - 3/26 5 PM  
 Disturbance End - 3/27 12 PM

**Little Colorado, RM061**  
Disturbance Hydrograph  
 Ramp-down from ops - 3/15 8 PM  
 Start of low baseflow - 3/16 8 AM  
 Disturbance Start - 3/21 12 AM  
 Peak Begin - 3/23 12 AM  
 Peak End - 3/26 2 AM  
 Disturbance End - 3/26 2 PM

**Phantom Ranch, RM087**  
Disturbance Hydrograph  
 Ramp-down from ops. - 3/16 2 AM  
 Start of low baseflow - 3/16 4 PM  
 Disturbance Start - 3/21 6 AM  
 Peak Begin - 3/23 6 AM  
 Peak End - 3/26 6 AM  
 Disturbance End - 3/26 8 PM

**Diamond Creek, RM225**  
Disturbance Hydrograph  
 Ramp down from ops. - 3/17 8 AM  
 Start of low baseflow 3/18 9 AM  
 Disturbance Start - 3/22 8 PM  
 Peak Begin - 3/24 8 AM  
 Peak End - 3/27 2 AM  
 Disturbance End - 3/27 11 PM



National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.