

November 2016 HFE Routing through Grand Canyon

*All times are MST

● Critical HFE monitoring sites

HFE Start - Increase above baseflow (~9,000 ft³/s)
 Peak Begin - Flow reaches 36,000 ft³/s
 Peak End - Flow decreases below 36,000 ft³/s
 HFE End - Return to baseflow (~9,000 ft³/s)

Glen Canyon Dam
HFE Hydrograph
 HFE Start - 11/07 6AM
 Peak Begin - 11/07 12PM
 Peak End - 11/11 12PM
 HFE End - 11/12 3AM

Lees Ferry, RM0
HFE Hydrograph
 HFE Start - 11/07 8AM
 Peak Begin - 11/07 3PM
 Peak End - 11/11 1PM
 HFE End - 11/12 7AM

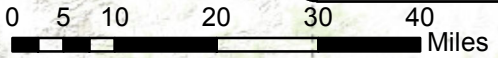
National Canyon, RM166
HFE Hydrograph
 HFE Start - 11/08 2PM
 Peak Begin - 11/08 7PM
 Peak End - 11/12 8AM
 HFE End - 11/13 1030AM

Little Colorado, RM061
HFE Hydrograph
 HFE Start - 11/07 8PM
 Peak Begin - 11/08 2AM
 Peak End - 11/11 8PM
 HFE End - 11/13 12AM

Pearce Ferry, RM279
HFE Hydrograph
 HFE Start - 11/09 9AM
 Peak Begin - 11/09 2PM
 Peak End - 11/12 11PM
 HFE End - 11/15 12AM

Phantom Ranch, RM087
HFE Hydrograph
 HFE Start - 11/08 1AM
 Peak Begin - 11/08 6AM
 Peak End - 11/11 11PM
 HFE End - 11/13 4AM

Diamond Creek, RM225
HFE Hydrograph
 HFE Start - 11/09 12AM
 Peak Begin - 11/09 5AM
 Peak End - 11/12 4PM
 HFE End - 11/14 12PM



RECLAMATION
 U.S. DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION

Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community