



Monitoring and Research Trips and Possible Experimental Actions to be Implemented in 2018

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Monitoring and Research Trips for 2018

Launch	Take out	Project Number, Agency, and Project Description	Location
14-Jun	29-Jun	Project F, GCMRC, Aquatic food base monitoring and Grand Canyon Youth "Partners in Science"	Glen and Grand Canyons
15-Jun	6-Jul	Project G, GCMRC, Juvenile humpback chub monitoring	Grand Canyon
18-Jun	26-Jun	NPS, Humpback chub monitoring, Shinumo Creek	Grand Canyon
29-Jun	10-Jul	Project G, GCMRC, Humpback chub monitoring in the LCR	Little Colorado R.
9-Jul	13-Jul	Project H, AZGFD, Lees Ferry trout monitoring	Glen Canyon
9-Jul	18-Jul	NPS, Larval razorback sucker and small-bodied fish monitoring	Grand Canyon
12-Jul	27-Jul	GCMRC, Grand Canyon Youth "Partners in Science"	Glen and Grand Canyons
6-Aug	15-Aug	NPS, Larval Razorback sucker and small-bodied fish monitoring	Grand Canyon
8-Aug	10-Aug	Project C, GCMRC, Riparian vegetation monitoring	Glen Canyon
15-Aug	31-Aug	Project A, GCMRC, Quality of water and fine sediment monitoring	Grand Canyon
18-Aug	4-Sep	Project C, GCMRC, Terrestrial vegetation monitoring	Grand Canyon
22-Aug	7-Sep	Project G, USFWS/GCMRC, Humpback chub aggregation monitoring	Grand Canyon
25-Aug	4-Sep	Hopi Tribe, Cultural monitoring	Grand Canyon
3-Sep	13-Sep	NPS, Humpback chub monitoring	Grand Canyon
4-Sep	13-Sep	NPS, Larval razorback sucker and small-bodied fish monitoring	Grand Canyon
7-Sep	17-Sep	Navajo Nation, Cultural monitoring	Grand Canyon
8-Sep	14-Sep	Project H, GCMRC, Trout reproductive and growth demographics, Lees Ferry	Glen Canyon
15-Sep	28-Sep	Project I, GCMRC, Mainstem fish monitoring (seining)	Grand Canyon
18-Sep	21-Sep	Project H, AZGFD, Lees Ferry trout monitoring	Glen Canyon
26-Sep	12-Oct	Project B/C, GCMRC, Sandbar and vegetation monitoring	Grand Canyon
28-Sep	1-Oct	Project I, AZGFD, Mainstem fish monitoring downstream of Diamond Creek	Grand Canyon
2-Oct	6-Oct	NPS, Humpback chub monitoring, Havasu Creek	Grand Canyon
6-Oct	26-Oct	Project G, GCMRC, Juvenile humpback chub monitoring	Grand Canyon

Possible Fall HFEs for 2018

- **Fall HFEs**
 - Sediment-triggered HFE – up to 96 hours
 - Extended-duration HFE – up to 192 hours
- **HFE window beginning October 1**
 - Accounting period: July 1 to November 30
 - Track sand input from Paria River to Marble Canyon
 - Need adequate sediment mass balance in Marble Canyon at beginning of HFE window