

Data Stream Table: Hawaiian Monk Seals

Data quality, not quality of effort

green = adequate
yellow = fair / Partial / could improve*
red = insufficient
blue = working toward using data for this analysis

*could improve, but not necessarily best use of resources

Data Stream	Types of Analyses used:						Which have informed these processes:								Data Quality			
	Occurrence	Stock Structure	Abundance & Trends	Design / Implement Conservation Strategies	General Biology / Ecology	Human interactions & Human-caused mortality	ESA		MMPA		NEPA		Outreach/ public education	Journal publications/ conference presentations/ advancing protected species knowledge	Species	Frequency	Coverage	Collected by
							Biological Review Team/ Status Review Team	Critical HabitatH	Sec 7 Consultation/ Biological Opinion	Stock Assessment Report	Take Reduction Team	Evaluation of Conservation Strategies						
Northwest Hawaiian Island (NWHI) population assessment	x	x	x	x	x	x		x	x	x			x	x	Hawaiian monk seals	Annual	Partial	HMSRP
Main Hawaiian Island sighting network	x	x	x	x	x	x		x	x	x			x	x	Hawaiian monk seals	Annual	Partial	Volunteers, public, HMSRP, PIRO, State, etc.
Niihau surveys	x	x	x	x	x	x		x	x	x			x	x	Hawaiian monk seals	Irregular	Partial	HMSRP, Niihau residents, USN
Telemetry		x		x	x	x		x					x	x	Hawaiian monk seals	Annual	Partial	HMSRP
Crittercam/video				x	x	x		x					x	x	Hawaiian monk seals	Annual	Partial	HMSRP and National Geographic
Health sampling/necropsy/ cause of mortality				x	x	x			x	x			x	x	Hawaiian monk seals	Annual	Partial	HMSRP, MMHSRP, numerous partner labs
Emergency response/ captive care				x	x	x			x				x	x	Hawaiian monk seals	Annual	Partial	HMSRP, TMMC, PIRO
Genetics (sequence and microsatellite genotypes)		x		x	x								x	x	Hawaiian monk seals	Annual	Partial	HMSRP, American Museum of Natural History, Jenny Schultz
Diet analysis				x	x	x							x	x	Hawaiian monk seals	Annual	Partial	HMSRP, partner labs
Ecological/ community data (ecosim)				x	x								x	x	Hawaiian monk seals	Irregular	Partial	HMSRP
Physical/biological oceanography				x	x								x	x	Hawaiian monk seals	Annual	Partial	EOD, Jeff Polovina, NOAA etc.