

Yellowtail Snapper (*Ocyurus chrysurus*) life history for the Gulf of Mexico. Associations and interactions with environmental and habitat variables are listed with citations as footnotes.

Life stage	Eco-region	Habitat Zone	Habitat Type	Season	Temp (°C)	Depth (m)	Prey	Predators	Mortality	Growth
eggs _{1, 7}	ER-1, ER-2	nearshore, offshore	WCA	Feb-Oct		<i>1-183</i>				
larvae _{12, 13}	ER-1, ER-2	nearshore, offshore	WCA			<i>1-183</i>				* $K = 0.048 \pm 0.007$ (west Straits of FL), $K = 0.041 \pm 0.007$ (east Straits of FL)*; avg. PLD = 25.3 d
postlarvae _{12, 13}	ER-1, ER-2	nearshore, offshore	WCA			<i>1-183</i>				* $K = 0.048 \pm 0.007$ (west Straits of FL), $K = 0.041 \pm 0.007$ (east Straits of FL)*; avg. PLD = 25.3 d
early juveniles _{1, 7, 8, 11}	ER-1, ER-2	estuarine, nearshore	SAV, mangrove	fall	24-30	*0.3-1.2 *	zooplankton			
late juveniles _{1, 7, 8, 16}	ER-1, ER-2	estuarine, nearshore, offshore	reefs, *hard bottom*		24-30	<i>1-183</i>	zooplankton			
adults _{1, 2, 3, 4, 5, 6, 7, 14}	ER-1, ER-2	nearshore, offshore	reefs, hard bottom		18-34	1-183	benthic and pelagic reef fish, crustaceans, mollusks		$F = 0.045; M = 0.194$	max. age = 23 years; $L_{inf} = 618.0$ mm TL, $K = 0.133$, $t_0 = -3.132$

spawning adults _{1, 14a,} 14b, 15	ER-1, ER-2	nearshore, offshore		Apr- Aug		<i>1-183</i>				50% maturity = 232 mm TL and 1.7 yrs (female), *194 mm FL (male)*
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Notes: Spawning adults: females with hydrated oocytes found May-Sep₉
 Bold and italicized font indicates proxy data
 Information in asterisks comes from studies conducted outside GMFMC jurisdiction