

TABLE 10 - RECONSTRUCTED STREAM FLOWS, DEPTHS AND VELOCITIES ALONG THE UPPER GILA RIVER

GAGE	HYDRAULIC PARAMETER ^a	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	REFERENCE IN DECLARATION		
near Virden	Median flow (cfs)	154	175	315	281	209	80	132	242	163	150	159	155	Table 3		
	Mean depth (ft)	<1.7		<1.8		<1.7								Figure E-1		
	Average velocity (ft/s)	>2.0		>2.5		>2	>1.5	>2.0						Figure E-2		
at York ^b	Median flow (cfs)	269	305	442	437	Not available						274	263	Table 4		
	Mean depth (ft)	<1.6				Not available								<1.6		Figure E-3
	Average velocity (ft/s)	>2.0				Not available								>2.0		Figure E-4
near Clifton	Median flow (cfs)	269	305	442	437	328	158	219	340	223	246	274	263	Table 4		
	Mean depth (ft)	<2.0												Figure E-5		
	Average velocity (ft/s)	>2.0		>2.5		>2.0	>1.5	>2.0						Figure E-6		
below Bonita Creek ^c	Median flow (cfs)	437	449	633	693	Not available						422	427	Table 5		
	Mean depth (ft)	1.1 to 2.2		1.5 to 2.5		Not available						1.1 to 2.2		Figure E-7		
	Average velocity (ft/s)	>2.5				Not available						>2.5		Figure E-8		
near Solomonville	Median flow (cfs)	437	449	633	693	511	264	414	639	434	380	422	427	Table 5		
	Mean depth (ft)	<2.0												Figure E-9		
	Average velocity (ft/s)	>2.0				>1.5	>2.0			>1.7	>2.0			Figure E-10		
near Ashurst ^d	Median flow (cfs)	752	696	845	766	Not available						604	730	Table 6		
	Mean depth (ft)	<2.0 ^e				Not available						<2.0		Figure E-11		
	Average velocity (ft/s)	>2.5				Not available						>2.5		Figure E-12		
at Calva ^d	Median flow (cfs)	752	696	845	766	Not available						604	730	Table 6		
	Mean depth (ft)	<1.8				Not available						<1.8		Figure E-13		
	Average velocity (ft/s)	>2.5				Not available						>2.5		Figure E-14		
at Coolidge Dam	Median flow (cfs)	752	696	845	766	575	334	508	715	556	533	604	730	Table 6		
	Mean depth (ft)	<2.0				<1.8			<2.0	<1.8		<2.0			Figure E-15	
	Average velocity (ft/s)	>2.5				>2			>2.5	>2.0		>2.5			Figure E-16	

NA = not available.

Notes:

^a cfs = cubic feet per second, ft = feet and ft/s = feet/second.

^b Median flows transferred upstream from the downstream gage near Clifton during the cooler months when evapotranspiration by riparian vegetation is minimal.

^c Median flows transferred upstream from the downstream gage near Solomonville during the cooler months when evapotranspiration by riparian vegetation is minimal.

^d Median flows transferred upstream from the downstream gage at Coolidge Dam during the cooler months when evapotranspiration by riparian vegetation is minimal.

^e Estimated by extrapolating the hydraulic rating curve beyond the last field measurement.