

Table 22.--Discharge rate, temperature, and specific conductance of base flow for selected stream reaches--Continued

Stream	Measurement site No.	Date	Discharge (ft ³ /s)	Temperature (C°)	Specific conductance	Principal geologic source(s)	Remarks
Upper Kanab Creek basin--Continued							
Thompson Creek	(C-40-4½)31bda	10-14-76	0.13	13.5	1,400	Probably all formations of Cretaceous age	
		6-18-77	.09	26.5	1,500		
		11- 9-77	.05	4.0	1,500		
	(C-41-4½)6abd	10-20-76	<.01	9.0	4,000	do.	
		6-18-77	.01	27.5	3,900		
		11-10-77	.02	4.0	3,500		
Johnson Canyon creek	(C-41-5)24acd	6-20-77	.25	26.5	1,950	Carmel Formation and some younger rocks	No flow in Johnson Canyon above measurement site; measured discharge was from Skutumpah Creek
		9- 2-77	.03	27.0	1,700		
	(C-42-5)27aaa	5-12-77	.18	14.5	680	Navajo Sandstone	Seepage from Navajo began about 0.8 mi (1.3 km) up-stream from measurement site
	(C-43-4½)18ccc	10-12-76	.51	20.0	720	do.	Measurement site in concrete diversion ditch; diversion for irrigation stock within; no return flow to creek
	(C-43-4½)30ccc	10-12-76	.32	18.0	1,300	Moenave and Chinle Formations	Flow diverted at site (C-43-4½)31bbd with no return flow to creek
		5-12-77	.34	19.5	1,400		
		9- 2-77	.14	17.0	-		
		11-10-77	.23	5.0	-		
	(C-43-5)12bdc	5-12-77	.66	18.0	850	Navajo Sandstone	Total flow diverted at measurement site
		9- 2-77	.47	16.0	-		
		11-10-77	.78	6.0	-		
	36dcc	10-13-76	.32	12.0	2,000	Chinle Formation	
	(C-44-5)11adc	10-13-76	.37	16.0	2,700	Chinle Formation, Shinarump Member	
		5-12-77	.13	22.5	4,800		