UTM N m	UTM W m	Elevation ft	Elevation m	Date	Temp. deg. C	Na mg/L	Cl mg/L	SO4 mg/L	Notes
SELECTED SPRINGS IN THE UPPER SEPARATION CREEK WATERSHED, SORTED BY UTM-N									
4,885,855	580,217	2,420	740	3/28/1990		3.3	0.6		
4,883,640	592,840	5,680	1,730	Aug-98			1.95	3.0	JI-1 spring emerging from talus
4,883,560	592,250	5,680	1,730	Aug-98			1.96	3.3	JI-2 spring emerging from talus
4,883,510	592,840	5,640	1,720	Sep-98	3.8		2.00	3.3	JI-69 spring, taken above confluence
4,883,490	592,630	5,600	1,705	Aug-98			1.33	2.2	JI-3 spring orifice emerging from wooded hillside
4,883,490	592,580	5,600	1,705	Aug-98			1.21	2.1	JI-4 spring orifice emerging from wooded hillside
4,883,490	592,750	5,640	1,720	Sep-98	3.0		1.34	2.2	JI-71 spring, may be same as 70
4,883,476	594,780	6,260	1,910	8/12/1981	3	4.2	1.00	2.0	RHM sample
4,883,460	592,700	5,640	1,720	Sep-98	3.4		1.29	2.2	JI-70 spring 50 m down stream from 69
4,883,460	592,300	5,440	1,660	Sep-98	4.7		0.88	1.5	JI-75 spring/trib
4,883,440	592,630	5,560	1,695	Sep-98	3.1		1.19	2.0	JI-73 spring, may be same as 72
4,883,410	592,580	5,560	1,695	Sep-98	3.6		1.27	2.1	JI-72 spring
4,883,400	592,490	5,440	1,660	Sep-98	3.2		0.95	1.6	JI-74 spring
4,883,310	593,230	5,720	1,745	Sep-98	4.1		1.83	2.7	JI-68 spring, taken above confluence
4,882,866	591,414	4,920	1,500	9/11/1990		9.3	4.70		Indian Holes
4,882,860	591,690	4,880	1,485	Sep-98	4.9		6.90	2.7	JI-77 spring, small woodland, first of the Indian Holes
4,882,780	591,610	4,880	1,485	Sep-98	5.9		8.90	3.3	JI-78 spring, joins with 77 along with others
4,882,740	591,550	4,860	1,480	Sep-98	5.9		10.0	3.7	JI-79 spring system
4,882,680	591,340	4,860	1,480	Sep-98	9.3		18.6	6.0	JI-80 spring, lowermost of Indian Holes
4,881,490	588,590	3,580	1,090	Sep-98	7.0		3.90	1.9	JI-82 low-flow woodland spring
4,881,460	588,650	3,600	1,100	Sep-98	6.1		5.40	1.8	JI-81 low-flow woodland spring
4,881,410	587,790	3,550	1,080	Sep-98	10.8		12.1	3.0	JI-84 lower spring E at orifice
4,481,410	587,730	3,560	1,085	Sep-98	12.1		12.6	3.0	JI-85 lower spring, central, just below orifice, joins with 84?
4,881,410	587,650	3,620	1,105	Sep-98	11.1		12.6	3.1	JI-86 lower spring, W just below orifice at trail crossing
4,881,366	594,875	5,760	1,755	8/12/1981	3	5.2	<1.00	2.0	RHM sample
4,881,293	587,687	3,460	1,055	9/11/1990		24.3	12.4		
4,881,280	595,060	5,760	1,755	Sep-98	4.7		2.70	7.5	JI-63 N. Fork of Mesa Cr., easternmost spring
4,881,243	587,557	3,480	1,060	9/11/1990	10	24.4	12.4		Q = 26 L/s
4,880,620	586,950	3,300	1,005	Aug-98			1.01	0.4	JI-58 spring-fed tributary to Sep. Cr.
4,876,878	599,108	5,660	1,725	8/15/1987	3	2.6	0.20	<1.00	RHM ('81), LS ('87)
4,876,218	583,600	3,820	1,165	Sep-86		3			Cedar Swamp

> 2 mg/L Cl
< 2 mg/L Cl

UTM N m	UTM W m	Elevation ft	Elevation m	Date	Temp. deg. C	Na mg/L	Cl mg/L	SO4 mg/L	Notes
SELECTED STREAMS IN THE UPPER SEPARATION CREEK WATERSHED, SORTED BY UTM-N									
4,886,024	580,048	2,320	705	3/28/1990		3.6	0.60		Louise Cr. above Sep. Cr.
4,885,940	580,048	2,310	705	3/28/1990		5.8	2.20		Sep. Cr. above Louise Cr.
4,885,699	580,120	2,340	715	3/28/1990		6.1	2.30		Sep. Cr. above Louise Cr.
4,885,072	580,361	2,420	740	3/28/1990		6.0	2.30		Sep. Cr.
4,883,723	582,000	3,000	915	3/28/1990		3.3	0.60		George Cr. at trail
4,883,667	594,438	6,040	1,840	Sep-98	3.6		1.97	3.2	JI-67 N. Fork Hinton Cr.
4,883,663	581,675	2,600	790	3/28/1990		3.6	0.80		George Cr. at confluence with Sep. Cr.
4,883,554	581,627	2,590	790	3/28/1990		5.7	2.30		Sep. Cr. above George Cr.
4,883,385	592,050	5,400	1,645	Sep-98	7.0		0.58	0.9	JI-76/12 Sep. Cr. above confluence with Hinton Cr.
4,882,974	593,650	5,840	1,780	Sep-98	6.0		0.26	0.5	JI-91 James Cr.
4,882,723	582,265	2,680	815	3/28/1990		6.3	2.50		Sep. Cr.
4,882,482	582,651	2,760	840	9/11/1990		7.3	3.10		Sep. Cr.
4,882,436	590,950	4,800	1,460	Aug-98			3.30	2.1	JI-19-21 Sep. Cr. above Indian Hole Falls
4,882,282	590,588	4,500	1,370	Aug-98			3.20	2.1	JI-22 Sep. Cr.
4,882,256	589,500	4,200	1,280	Sep-98	7.6		5.10	2.0	JI-89 Honey Cr.
4,882,154	589,063	4,160	1,270	Sep-98	7.5		5.00	1.9	JI-88 Honey Cr.
4,882,128	588,650	4,000	1,220	Sep-98	7.4		4.60	1.9	JI-87 Honey Cr., main channel just above fork and falls
4,881,819	583,699	3,040	925	9/11/1990		4.1	0.60		Separation Lake tributary
4,881,590	589,975	3,960	1,205	Aug-98			2.90	2.3	JI-28-30 Sep. Cr. below confluence with Mesa Cr.
4,881,564	590,150	4,000	1,220	Aug-98			2.50	2.5	JI-25-27 Mesa Cr. above confluence with Sep. Cr.
4,881,526	589,688	3,720	1,135	Aug-98			2.90	2.3	JI-31 Sep. Cr.
4,881,513	588,425	3,520	1,075	Sep-98	7.8		4.60	1.8	JI-83 Honey Cr. above confluence with Sep. Cr.
4,881,436	589,100	3,600	1,095	Aug-98			3.00	2.2	JI-32 Sep. Cr., below two small woodland spring inputs
4,881,150	584,747	3,120	950	9/11/1990		7.6	3.30		Sep. Cr. at trail bridge, Q = 3,560 L/s
4,880,795	594,775	5,720	1,745	Sep-98	9.2		0.68	0.4	JI-62 Middle Fork of Mesa Cr.
4,880,782	587,400	3,360	1,025	Aug-98			3.20	2.0	JI-50 Sep. Cr. above confluence with Sphinx Cr.
4,880,744	587,250	3,320	1,010	Aug-98			3.30	2.0	JI-55-57 Sep. Cr. below confluence with Sphinx Cr.
4,880,731	587,425	3,360	1,025	Aug-98			1.45	0.6	JI-52-54 Sphinx Cr. above confluence with Sep. Cr.
									upstream reach gaining anomalous Cl
									upstream reach not gaining anomalous Cl