

ID	Spring Name	Surveyor	Sample Date	Fieldnote Number	State	County	1:100,000 Quad	Basin	Ownership	Photo	Vehicle access
224	Turnley Spring	R Hershler	8/6/1991	H91-74	NV	White Pine	Ely	Spring Valley	BLM	yes	yes
224	Turnley Spring	D. Sada	6/20/1998	DWS98-19	NV	White Pine	Ely	Spring Valley	BLM	no	yes
226	Unnamed springs, east of Cleve Creek	R Hershler	8/6/1991	H91-77	NV	White Pine	Ely	Spring Valley	BLM	yes	yes
226	Unnamed springs, east of Cleve Creek	D. Sada	6/20/1998	DWS98-15	NV	White Pine	Ely	Spring Valley	BLM	no	yes
227	Unnamed springs, Stonehouse	R Hershler	8/6/1991	H91-78	NV	White Pine	Kern Mountains	Spring Valley	Private	yes	yes
235	Unnamed spring, south of Caine Spring	R Hershler	9/7/1991	H91-86	NV	White Pine	Ely	Snake	BLM	yes	yes
697	Unnamed spring tributary to Snake Creek	R. Hershler	6/23/1992	H92-4	NV	White Pine	Garrison	Snake	NPS	yes	yes
698	Big Spring	R. Hershler	6/23/1992	H92-5	NV	White Pine	Garrison	Snake	Private	yes	yes
698	Big Spring	D.Sada	6/19/1998	DWS98-10	NV	White Pine	Garrison	Snake	Private	yes	yes
699	Unnamed springs north of Big Spring	R. Hershler	6/23/1992	H92-6	NV	White Pine	Garrison	Snake	Private	yes	yes
699	Unnamed springs north of Big Spring	D.Sada	6/19/1998	DWS98-9	NV	White Pine	Garrison	Snake	Private	yes	yes
706	Unnamed spring	R. Hershler	6/24/1992	H92-13	NV	Lincoln	Wilson Creek Range	Spring Valley	Private	yes	yes
707	Springs, lower Spring Valley	R. Hershler	6/24/1992	H92-14	NV	Lincoln	Wilson Creek Range	Spring Valley	Private	yes	yes
719	Unnamed springs, Minerva	R. Hershler	6/27/1992	H92-26	NV	White Pine	Garrison	Spring Valley	Private	yes	yes
720	Unnamed springs, 1.6 km north of Minerva	R. Hershler	6/27/1992	H92-27	NV	White Pine	Garrison	Spring Valley	Private	yes	yes
721	Unnamed springs, 3.2 km north of Minerva	R. Hershler	6/27/1992	H92-28	NV	White Pine	Garrison	Spring Valley	Private	yes	yes
784	Unnamed springs, lower Spring Valley	R. Hershler		H92-14	NV	Lincoln	Wilson Creek Range	Spring Valley	Private	yes	yes
785	Unnamed spring	R. Hershler		H92-13	NV	Lincoln	Wilson Creek Range	Spring Valley	Private	yes	yes
1475	Unnamed spring	D.W. Sada	6/20/1998	DWS98-12	NV	White Pine	Kern Mountains	Spring Valley	BLM	yes	no
1476	Willow Spring	D.W. Sada	6/20/1998	DWS98-13	NV	White Pine	Kern Mountains	Spring Valley	BLM	yes	yes
1063	Clay Spring	R. Hershler	5/9/1993	H93-30	UT	Millard	Wah Wah North	Snake	Private	yes	yes
1064	Knoll Spring	R. Hershler	5/10/1993	H93-31	UT	Millard	Tule Valley	Snake	UT state/BLM	yes	yes
1065	Twin Springs	R. Hershler	5/10/1993	H93-32	UT	Millard	Tule Valley	Snake	BLM/Pub.Wate	yes	
1066	Cold Spring	R. Hershler	5/10/1993	H93-33	UT	Millard	Tule Valley	Snake	Private	yes	yes
1067	Warm Springs	R. Hershler	5/10/1993	H93-34	UT	Millard	Ely	Snake	BLM/Pub.Wate	yes	yes
1068	"Leland Harris" Springs	R. Hershler	5/10/1993	H93-35	UT	Juab	Fish Springs	Snake	UT state	yes	no

Elevation (Feet)	Elevation (m)	Spring/Habitat Type	Discharge (L/min)	Springbrook Length (m)	Water depth (cm)	Water width (cm)	Temperature ©	Conductivity (micromhos)	pH
6700	2042	rheocrene			8	30	11.9	426	7
6820		rheocrene			10	100	12	390	
5580	1701	rheocrene			2	150	16.1	184	7.9
5660		rheocrene	3		5	100	15	200	
6200	1890	helocrene			5	300	18	562	7.5
4980	1518	limnocrene			10	60	15.1	388	7.2
6320	1926	rheocrene			2-3	200	8.6	280	8.4
5540	1689	rheocrene			3	400	17.4	392	7.9
5720		rheocrene			10	200	13	330	
5520	1682	rheocrene			1	500	12.7	408	7.8
5690		rheocrene			2	75	13.5	335	
5820		helocrene			1	700	18	350	7.4
5760		rheocrene			4	1300	19.9	327	7.9
5720	1743	rheocrene			1	100	12	351	7.9
5710	1740	rheocrene			1-2	100	10.5	322	8.2
5700	1737	rheocrene			5	400	12	288	8.2
5760	1756	rheocrene			4	1300	19.9	327	7.9
5820	1774	helocrene			1	700	18	350	7.4
6500	1981	rheocrene	21		1	20	9.5	230	
5980	1823	rheocrene	21		1	30	8	300	
5400	1646	rheocrene			3	300	15.5	450	7.6
4700	1433	rheocrene			<1	200	15.6	557	7.5
		limnocrene			3	200	16.1	799	8
4760	1451	rheocrene			2	150	9.7	831	7.9
5080	1548	rheocrene			2	50	26.9	553	7.7
4640	1414	rheocrene			1	100	11.9	1355	7.9

Dissolved oxygen (mg/l)	Emergent cover (%)	Bank cover (%)	Bank incision	Bank stability	Watercress	% Silt	% Sand	% Gravel	% Cobble	% Boulder	% Bedrock
2.5	85	20	yes	poor	yes	0	0	50	50	0	0
5.3	100	60	no	poor							
6.6	95	90	no	good	yes	80	20	0	0	0	0
7.5	100	100	no	good	yes	100	0	0	0	0	0
5.8	90	90	no	medium	yes	100	0	0	0	0	0
4.7	30	100	no	good	yes	20	80	0	0	0	0
8	90	60	no	medium	yes	0	50	30	20	0	0
4.6	50	70	yes	poor	yes	0	20	80	0	0	0
8.1	60	0	no	poor	yes	0	0	100	0	0	0
5.4	95	70	yes	poor	yes	80	0	0	20	0	0
7.6	100	100	yes	good	yes	0	0	100	0	0	0
2.4	95	90	no	good	yes	100	0	0	0	0	0
4.4			no	good		100	0	0	0	0	0
7.7	20	90	yes	medium	no	70	10	10	10	0	0
9.4	60	70	yes	good	no	60	20	20	0	0	0
7.9	80	100	yes	medium	yes	100	0	0	0	0	0
4.4	0	0	no	good		100	0	0	0	0	0
2.4	95	90	no	good	yes	100	0	0	0	0	0
5.2	80	100	yes	good	yes	0	10	90	0	0	0
5.6	100	100	yes	good	yes	0	10	90	0	0	0
4.1	20	70	yes	medium	no	0	10	60	30	0	0
9.8	20	80	yes	good	yes	100	0	0	0	0	0
7.7	10	80	yes	good	yes	100	0	0	0	0	0
8.3	20	10	yes	medium	yes	100	0	0	0	0	0
7.3	0	100	yes	good	no	0	0	50	50	0	0
4.8	20	50	yes	poor	yes	70	30	0	0	0	0

AVALANCHE DISTURBANCE	FIRE DISTURBANCE	FLOOD DISTURBANCE	DROUGHT DISTURBANCE	DIVERSION DISTURBANCE	UNGULATE DISTURBANCE	CATTLE DISTURBANCE
1	1	1	4	1	1	1
1	1	1	1	4	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	3
1	1	1	1	1	1	4
1	1	1	1	1	1	2
1	1	1	1	1	1	1
1	1	1	1	1	1	3
1	1	1	1	1	1	3
1	1	1	1	1	1	4
1	1	1	1	1	1	2
1	1	1	1	1	1	4
1	1	1	1	1	1	3
1	1	1	1	1	1	2
1	1	1	1	1	1	3
1	1	1	1	1	2	2
1	1	1	1	2	2	2
1	1	1	1	4	1	4
1	1	1	1	1	1	2
1	1	1	1	1	1	3
1	1	1	1	1	1	3
1	1	1	1	1	1	1
1	1	1	1	1	1	3

RECREATION DISTURBANCE	NOTES
1	most of flow into a pipe
1	Deeply dredged using heavy equipment--2 large spring boxes
1	
1	Cattle grazing appears heavy at times...no grazing at present
1	
1	snails present in all springs in complex; Russian olive trees present
2	
1	
1	
4	by road, shack at spring
1	Excellent hydrobiid habitat
1	by road
1	on road
1	possibly leakage from canal
1	dugout nearby
1	708610.3 4412337.7 PDOP 3.76 snails occupy ~40 m on BLM land. Spring flows onto private land.
1	Springbrook impounded ~ 30 from source. Hydrobiids occupy ~30 m of habitat in one spring and ~20 m of habitat in the second spring.
1	Issues out of box, most into ditch, pipe being put in?
1	
1	
1	
1	
2	data from outlet
1	

Pyrgulopsis	Fluminicola	Tryonia	Colligyus	Pristinicola	Juga	Eremopygrus	Springsnails	Fish	Amphibians	Pulmonates	Clams	Amphipods
P. peculiaris							scarce	no	no	yes	yes	yes
P. peculiaris							scarce		no			yes
P. kolobensis							common	no	no	no	no	yes
P. kolobensis							common		Rana			yes
P. kolobensis							common	no	no	no	yes	yes
P. kolobensis							common	no	no	no	yes	yes
P. kolobensis							scarce	no	no	no	yes	yes
P. anguina, P. peculiaris							abundant	unknown fish				yes
P. anguina, P. peculiaris							common					
P. anguina							abundant					yes
P. anguina							common					
P. kolobensis							common	no	no	yes	yes	yes
P. kolobensis							common	unknown fish	no	yes	no	yes
P. kolobensis							abundant	no	no	no	yes	yes
P. kolobensis							common			yes	yes	yes
P. kolobensis							common	no	no	no	no	yes
P. kolobensis							common	unknown fish		yes		yes
P. kolobensis							common			yes	yes	yes
P. kolobensis							common	no	no	no	no	yes
P. kolobensis							scarce	no	no	yes	yes	yes
P. anguina							common	no	no	yes	yes	no
P. kolobensis							note	no	no	no	no	yes
P. kolobensis							scarce	unknown fish	Rana catesbeiana	yes	no	no
P. kolobensis							common	no	no	no	no	yes
P. saxatilis							common	no	no	no	no	no
P. kolobensis							common	unknown fish	no	yes	no	yes

