



Stream Name	HUC-8 Watershed	Length Miles	Reach ID	Reach Description	Level of Study	Structures to be surveyed	Communities Affected	Topography	Hydrology	Hydrology Source	Hydrology Miles
Big Thompson River	Big Thompson	63.8	BT-1	From confluence with South Platte River upstream to Rocky Mountain National Park eastern boundary	Enhanced	119	Evans, Loveland, Milliken, Johnstown, Estes Park	2014 USACE LiDAR	Existing**/ New***	CDOT Phase I/II Estes Park	
Little Thompson River	Big Thompson	28.2	BT-2a	From confluence with Big Thompson River upstream 28.2 miles (St Vrain Canal Rd)	Enhanced	52	Berthoud, Johnstown, Milliken	2014 USACE LiDAR	Existing**	CDOT Phase II	
Little Thompson River	Big Thompson	23.4	BT-2b	From St. Vrain Canal Rd upstream 23.4 miles	Base Level		Boulder Co., Larimer Co.	2013 USGS LiDAR	Existing**	CDOT Phase I/II	
Buckhorn Creek	Big Thompson	6.2	BT-3a	From confluence with Big Thompson River upstream 6.2 miles	Enhanced	14	Larimer Co.	2014 USACE LiDAR	New*		6.2
Buckhorn Creek	Big Thompson	26.2	BT-3b	From 6.2 miles upstream of confluence with Big Thompson upstream 26.2 miles	Base Level		Larimer Co.	2013 USGS LiDAR	New*		26.2
Redstone Creek	Big Thompson	1.4	BT-4a	From confluence with Buckhorn Creek upstream 1.4 miles	Enhanced	3	Larimer Co.	2013 USGS LiDAR	New*		1.4
Redstone Creek	Big Thompson	14.9	BT-4b	From 1.4 miles upstream from confluence with Buckhorn Creek upstream 14.9 miles	Base Level		Larimer Co.	2013 USGS LiDAR	New*		14.9
North Fork Big Thompson River	Big Thompson	10.1	BT-5a	From confluence with Big Thompson River upstream 10.1 miles	Enhanced	50	Larimer Co.	2014 USACE LiDAR	Existing**	CDOT Phase I/ Larimer County	
North Fork Big Thompson River	Big Thompson	4.3	BT-5b	From eastern Rocky Mountain National Park boundary downstream 4.3 miles	Base Level		Larimer Co.	2013 USGS LiDAR	Existing**	CDOT Phase I/ Larimer County	
North Fork Little Thompson River	Big Thompson	11.9	BT-6	From confluence with Little Thompson River upstream 11.9 miles	Base Level		Larimer Co.	2013 USGS LiDAR	New*		11.9
West Fork Little Thompson River	Big Thompson	9.8	BT-7	From confluence with Little Thompson River upstream 9.8 miles	Base Level		Larimer Co., Boulder Co.	2013 USGS LiDAR	Existing**	CDOT Phase I	
Dry Creek	Big Thompson	8.0	BT-8	From confluence with Little Thompson River upstream 8.0 miles	Base Level		Berthoud, Larimer Co.	2013 USGS LiDAR	New*		8.0
Fish Creek	Big Thompson	2.3	BT-9a	From confluence with Big Thompson River upstream 2.3 miles to Estes Park community boundary	Enhanced	14	Estes Park	2014 USACE LiDAR	New*		2.3
Fish Creek	Big Thompson	3.9	BT-9b	From Estes Park community boundary upstream 3.9 miles	Base Level		Estes Park, Larimer Co.	2014 USACE LiDAR	New***	Estes Park	
Fall River	Big Thompson	5.0	BT-10	From confluence with Big Thompson River upstream 5.0 miles	Enhanced	46	Estes Park, Larimer Co.	2014 USACE LiDAR	New***	Estes Park	
West Creek	Big Thompson	2.9	BT-11a	From confluence with North Fork Big Thompson upstream 2.9 miles to Estes Park community boundary	Enhanced	12	Larimer Co.	2013 USGS LiDAR	Existing**	Larimer County	
West Creek	Big Thompson	2.1	BT-11b	From 1.4 miles upstream from confluence with North Fork Big Thompson upstream 3.6 miles	Base Level		Larimer Co.	2014 USACE LiDAR	Existing**	Larimer County	
Fox Creek	Big Thompson	2.0	BT-12a	From confluence with North Fork Big Thompson upstream 1.5 miles	Enhanced	6	Larimer Co.	2013 USGS LiDAR	Existing**	Larimer County	
Fox Creek	Big Thompson	2.4	BT-12b	From 1.5 miles upstream of confluence with North Fork Big Thompson upstream 2.9 miles	Base Level		Larimer Co.	2014 USACE LiDAR	Existing**	Larimer County	
Black Canyon Creek	Big Thompson	1.2	BT-13	From confluence with Big Thompson River upstream 1.2 miles	Enhanced	10	Estes Park, Larimer Co.	2014 USACE LiDAR	New***	Estes Park	



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Dixon Canal	Big Thompson	0.5	BT-14	From confluence with Big Thompson River upstream 0.5 miles	Enhanced	4	Larimer Co.	2014 USACE LiDAR	New*		0.5
Davy Ditch	Big Thompson	0.1	BT-15	From confluence with Big Thompson River upstream 0.1 miles	Enhanced	1	Larimer Co.	2014 USACE LiDAR	New*		0.1
Cedar Creek	Big Thompson	0.2	BT-16	From confluence with Big Thompson River upstream 0.2 miles	Enhanced	0	Larimer Co.	2014 USACE LiDAR	New*		0.2
Pine Creek	Big Thompson	0.2	BT-17	From confluence with Big Thompson River upstream 0.2 miles	Enhanced	1	Larimer Co.	2014 USACE LiDAR	New*		0.2
Little Beaver Creek	Big Thompson	0.1	BT-18	From confluence with Big Thompson River upstream 0.1 miles	Enhanced	1	Larimer Co.	2014 USACE LiDAR	New*		0.1
Tahosa Creek	Big Thompson	0.5	BT-19	From confluence with Big Thompson River upstream 0.5 miles	Enhanced	1	Larimer Co.	2014 USACE LiDAR	New*		0.0
Nelson Reservoir	Big Thompson	0.1	BT-20	From confluence with Big Thompson River upstream 0.1 miles	Enhanced	1	Larimer Co.	2014 USACE LiDAR	New*		0.1
Dixon Reservoir	Big Thompson	0.1	BT-21	From confluence with Big Thompson River upstream 0.1 miles	Enhanced	1	Larimer Co.	2014 USACE LiDAR	New*		0.1
Terry Lake	Big Thompson	0.1	BT-22	From confluence with Big Thompson River upstream 0.1 miles	Enhanced	2	Larimer Co.	2014 USACE LiDAR	New*		0.1
Sweck Lateral	Big Thompson	0.1	BT-23	From confluence with Big Thompson River upstream 0.1 miles	Enhanced	1	Larimer Co.	2014 USACE LiDAR	New*		0.1
St. Vrain Creek	St. Vrain	19.0	SV-1	From confluence with South Platte River upstream to Weld/Boulder County line	Enhanced	14	Firestone, Longmont, Mead, Weld Co., Boulder Co.	2014 USACE LiDAR	Existing**	CDOT Phase II	
Boulder Creek	St. Vrain	17.2	SV-2a	From confluence with St. Vrain Creek upstream to just downstream of Fourmile Canyon, Boulder Creek, and South Boulder Creek confluence	Enhanced	28	Boulder, Longmont, Frederick, Erie, Weld Co., Boulder Co.	2014 USACE LiDAR	Existing**	CDOT Phase II	
Boulder Creek	St. Vrain	6.5	SV-2b	From UDFCD boundary upstream to confluence of North/Middle Boulder Creek	Enhanced	28	Boulder Co.	2014 USACE LiDAR	Existing**	CDOT Phase I	
Left Hand Creek	St. Vrain	30.3	SV-3	From confluence with St. Vrain Creek upstream 30.3 miles	Enhanced	92	Longmont, Ward, Boulder Co.	2014 USACE LiDAR	Existing**	CDOT Phase I/II	
Coal Creek	St. Vrain	4.0	SV-4a	From UDFCD boundary upstream 4.0 miles	Base Level		Jefferson Co.	2014 USACE LiDAR	Existing**	CDOT Phase I	
Coal Creek	St. Vrain	1.5	SV-4b	From 4 miles upstream of UDFCD boundary upstream 1.5 miles	Enhanced	0	Jefferson Co.	2014 USACE LiDAR	Existing**	CDOT Phase I	
Coal Creek	St. Vrain	2.4	SV-4c	From 5.5 miles upstream of UDFCD boundary upstream 2.4 miles	Base Level		Boulder Co., Jefferson Co.	2014 USACE LiDAR	Existing**	CDOT Phase I	
South Boulder Creek	St. Vrain	18.3	SV-5	From 0.5 miles west of UDFCD boundary upstream 18.3 miles	Base Level		Boulder Co., Gilpin Co.	2013 USGS LiDAR	New*		18.3
North St. Vrain Creek	St. Vrain	1.4	SV-6a	From 5.3 Miles Upstream of confluence of South St. Vrain Creek upstream 1.4 miles	Enhanced	0	Boulder Co.	2014 USACE LiDAR	Existing**	CDOT Phase I	
North St. Vrain Creek	St. Vrain	14.9	SV-6b	From 6.7 Miles Upstream of confluence of South St. Vrain Creek upstream 14.9 miles	Base Level		Lyons, Boulder Co.	2014 USACE LiDAR	Existing**	CDOT Phase I	
South St. Vrain Creek	St. Vrain	9.0	SV-7a	From 1 mile upstream of confluence with St. Vrain Creek upstream to confluence of Middle St. Vrain Creek	Enhanced	5	Boulder Co.	2014 USACE LiDAR	Existing**	CDOT Phase I	
South St. Vrain Creek	St. Vrain	8.7	SV-7b	From confluence of Middle St. Vrain Creek upstream 8.7 miles	Base Level		Boulder Co.	2013 USGS LiDAR	Existing**	CDOT Phase I	



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Fourmile Creek	St. Vrain	10.6	SV-8a	From confluence with Boulder Creek upstream 10.6 miles	Enhanced	62	Boulder Co.	2013 USGS LiDAR	Existing**	CDOT Phase I	
Fourmile Creek	St. Vrain	3.2	SV-8b	From CO-72 downstream 3.2 miles	Base Level		Boulder Co.	2013 USGS LiDAR	Existing**	CDOT Phase I	
Fourmile Canyon Creek	St. Vrain	1.7	SV-9a	From UDFCD boundary downstream 1.7 miles	Enhanced	16	City of Boulder, Boulder Co.	2013 USGS LiDAR	Existing**	CDOT Phase II	
Fourmile Canyon Creek	St. Vrain	3.7	SV-9b	From UDFCD boundary upstream 3.7 miles	Base Level		Boulder Co.	2013 USGS LiDAR	Existing**	CDOT Phase II	
Middle Boulder Creek	St. Vrain	7.7	SV-10	From confluence with Boulder Creek upstream to CO-72	Enhanced	9	Nederland, Boulder Co.	2013 USGS LiDAR	Existing**	CDOT Phase I	
Middle St. Vrain Creek	St. Vrain	8.1	SV-11	From confluence with South St. Vrain Creek upstream 8.1 miles	Enhanced	56	Boulder Co.	2013 USGS LiDAR	Existing**	CDOT Phase I	
North Boulder Creek	St. Vrain	6.5	SV-12	From confluence with Boulder Creek upstream to CO-72	Base Level		Boulder Co.	2013 USGS LiDAR	Existing**	CDOT Phase I	
Little James Creek	St. Vrain	4.2	SV-13a	From confluence with Left Hand Creek upstream 4.2 miles	Enhanced	12	Jamestown, Boulder Co.	2014 USACE LiDAR	New*		4.2
Little James Creek	St. Vrain	1.9	SV-13b	From 4.2 miles upstream of confluence with Left Hand Creek upstream 1.9 miles	Base Level		Boulder Co.	2014 USACE LiDAR	New*		1.9
James Creek	St. Vrain	0.4	SV-14a	From confluence with Little James Creek upstream 0.4 miles	Enhanced	4	Jamestown	2014 USACE LiDAR	New*		0.4
James Creek	St. Vrain	6.7	SV-14b	From 0.4 miles upstream of confluence with Little James Creek upstream 6.7 miles	Base Level		Boulder Co.	2014 USACE LiDAR	New*		6.7
New Dry Creek Ditch	St. Vrain	5.6	SV-15	From confluence with Boulder Creek upstream 5.6 miles	Enhanced	29	Boulder Co.	2013 USGS LiDAR	New*		5.6
Cabin Creek	St. Vrain	5.3	SV-16	From confluence with North St. Vrain upstream to CO-7	Base Level		Boulder Co.	2013 USGS LiDAR	New*		5.3
Gold Run	St. Vrain	3.3	SV-17	From confluence with Fourmile Creek upstream 3.3 miles	Enhanced	8	Boulder Co.	2013 USGS LiDAR	New*		3.3
Beaver Creek	St. Vrain	0.6	SV-18	From confluence with Coal Creek upstream 0.6 miles	Enhanced	4	Jefferson Co.	2013 USGS LiDAR	New*		0.6
Two Mile Creek	St. Vrain	1.25	SV-19	From City of Boulder community boundary upstream 1.25 miles	Enhanced	2	City of Boulder, Boulder Co.	2013 USGS LiDAR	New*		1.3
Geer Canyon	St. Vrain	1.54	SV-20	From confluence with Left Hand Creek, upstream 1.54 miles	Enhanced	2	Boulder Co.	2013 USGS LiDAR	New*		1.5
Dry Creek No.2	St. Vrain	14.00	SV-21	From City of Longmont community boundary upstream to Boulder Reservoir	Enhanced	22	City of Boulder, Boulder Co.	2013 USGS LiDAR	New*		14.0
South Platte River	Middle South Platte - Cherry Creek	9.9	SP-1	From just downstream of confluence of Big Thompson River upstream to confluence of St. Vrain River	Base Level		Weld Co	2014 USACE LiDAR	Existing**	CDOT Phase II	

* Hydrology information will be derived from CDOT Hydrology Phase I/II analyses wherever possible to help ensure watershed-wide hydrology consistency
** Existing hydrology information does not include 4% and 1% plus frequencies. Project scope includes generating this information
***Estes Park to generate hydrology for Black Canyon Creek, Fall River, Fish Creek, and the Upstream 5.5 miles of Big Thompson