

Table 1: Annual water yield for 2020 compared with average annual yield over 1981-2019.

Watershed	Station ID	Station Name	Lat	Long	Area (km2)	Regulated	2020 Yield (mm)	Average Yield (mm) (1981-2019)	Coefficient of Variation*
Oldman									
	05AA008	Crowsnest River At Frank	49.60	-114.41	403	N	378.02	360.28	0.27
	05AA022	Castle River Near Beaver Mines	49.49	-114.14	821	N	621.89	557.71	0.26
	05AA024	Oldman River Near Brocket	49.56	-113.82	4400	Y	323.91	261.11	0.35
	05AC003	Little Bow River At Carmangay	50.13	-113.12	2780	Y	24.34	21.56	0.43
	05AD003	Waterton River Near Waterton Park	49.11	-113.84	613	N	1073.83	853.35	0.23
	05AD007	Oldman River Near Lethbridge	49.71	-112.86	17000	Y	154.21	119.29	0.51
	05AD010	Drywood Creek Near The Mouth	49.29	-113.79	239	Y	493.23	387.62	0.36
	05AG006	Oldman River Near The Mouth	49.92	-111.80	27500	Y	102.10	79.17	0.49
South Saskatchewan									
	05AJ001	South Saskatchewan River At Medicine Hat	50.04	-110.68	56400	Y	115.29	87.81	0.37
Bow									
	05BH004	Bow River At Calgary	51.05	-114.05	7870	Y	397.37	348.40	0.15
	05BN012	Bow River Near The Mouth	50.05	-111.59	25300	Y	143.52	108.37	0.32
Red Deer									
	05CB004	Raven River Near Raven	52.09	-114.48	645	N	166.04	112.50	0.28
	05CC002	Red Deer River At Red Deer	52.27	-113.82	11600	Y	173.54	125.90	0.32
	05CE001	Red Deer River At Drumheller	51.47	-112.71	24900	Y	93.11	66.36	0.33
	05CK004	Red Deer River Near Bindloss	50.90	-110.30	47800	Y	55.53	38.42	0.31
North Saskatchewan									
	05DA009	North Saskatchewan River At Whirlpool Point	52.00	-116.47	1920	N	946.78	875.21	0.15
	05DB002	Prairie Creek Near Rocky Mountain House	52.27	-114.93	844	N	299.51	169.87	0.36
	05DB006	Clearwater River Near Dovercourt	52.25	-114.86	2250	N	357.41	250.01	0.24
	05DF001	North Saskatchewan River At Edmonton	53.54	-113.49	28100	Y	334.33	224.75	0.20

05FA001	Battle River Near Ponoka	52.66	-113.58	1820	N	54.90	34.34	0.70
Beaver								
06AD006	Beaver River At Cold Lake Reserve	54.36	-110.22	14500	N	98.77	28.75	0.70
Athabasca								
07AA002	Athabasca River Near Jasper	52.91	-118.06	3870	N	820.84	699.63	0.15
07AD002	Athabasca River At Hinton	53.42	-117.57	9760	N	697.92	556.40	0.15
07BC002	Pembina River At Jarvie	54.45	-113.99	13100	N	197.79	74.80	0.46
07BE001	Athabasca River At Athabasca	54.72	-113.29	74600	N	276.28	171.58	0.21
07BK007	Driftwood River Near The Mouth	55.26	-114.23	2100	N	156.63	85.70	0.62
07CD001	Clearwater River At Draper	56.69	-111.26	30800	N	207.08	114.07	0.25
07DA001	Athabasca River Below Fort McMurray	56.78	-111.40	133000	N	229.87	138.02	0.21
Peace								
07GE001	Wapiti River Near Grande Prairie	55.07	-118.80	11300	N	440.23	250.17	0.31
07GG001	Waskahigan River Near The Mouth	54.75	-117.21	1040	N	298.09	134.34	0.45
07GJ001	Smoky River At Watino	55.71	-117.62	50300	N	372.99	199.36	0.28
07HA001	Peace River At Peace River	56.24	-117.31	194000	Y	425.34	309.25	0.12
07HA003	Heart River Near Nampa	56.06	-117.13	1970	N	134.37	41.48	0.87
07HC001	Notikewin River At Manning	56.92	-117.62	4680	N	170.56	77.43	0.49
07JD002	Wabasca River At Highway No. 88	57.87	-115.39	35800	N	112.81	61.58	0.58
07KC001	Peace River At Peace Point (Alberta)	59.12	-112.44	293000	Y	314.51	220.11	0.16
Slave								
07NB001	Slave River At Fitzgerald (Alberta)	59.86	-111.59	606000	Y	203.27	170.36	0.12

* Coefficient of variation = standard deviation / mean

Table 2: Winter (JFM) water yield for 2020 compared with average winter yield over 1981-2019.

Watershed	Station ID	Station Name	Lat	Long	Area (km2)	Regulated	2020 Yield (mm)	Average Yield (mm) (1981-2019)	Coefficient of Variation*
Oldman									
	05AA008	Crowsnest River At Frank	49.60	-114.41	403	N	27.35	29.90	0.38
	05AA022	Castle River Near Beaver Mines	49.49	-114.14	821	N	32.97	34.21	0.60
	05AA024	Oldman River Near Brocket	49.56	-113.82	4400	Y	22.74	18.59	0.48
	05AC003	Little Bow River At Carmangay	50.13	-113.12	2780	Y	2.97	3.52	0.63
	05AD003	Waterton River Near Waterton Park	49.11	-113.84	613	N	52.92	51.30	0.44
	05AD007	Oldman River Near Lethbridge	49.71	-112.86	17000	Y	12.40	11.92	0.51
	05AD010	Drywood Creek Near The Mouth	49.29	-113.79	239	Y	22.39	22.45	0.62
	05AE027	St. Mary River At International Boundary	49.01	-113.30	1210	Y	26.71	31.07	0.53
	05AG006	Oldman River Near The Mouth	49.92	-111.80	27500	Y	9.28	8.04	0.47
Milk									
	11AA005	Milk River At Milk River	49.14	-112.08	2720	Y	6.96	9.49	0.67
South Saskatchewan									
	05AJ001	South Saskatchewan River At Medicine Hat	50.04	-110.68	56400	Y	11.51	13.06	0.24
Bow									
	05BH004	Bow River At Calgary	51.05	-114.05	7870	Y	43.99	53.81	0.11
	05BN012	Bow River Near The Mouth	50.05	-111.59	25300	Y	16.13	20.08	0.15
Red Deer									
	05CB004	Raven River Near Raven	52.09	-114.48	645	N	13.66	18.10	0.27
	05CC002	Red Deer River At Red Deer	52.27	-113.82	11600	Y	14.22	13.18	0.24
	05CE001	Red Deer River At Drumheller	51.47	-112.71	24900	Y	6.05	7.22	0.34
	05CK004	Red Deer River Near Bindloss	50.90	-110.30	47800	Y	3.03	3.68	0.37
North Saskatchewan									
	05DA009	North Saskatchewan River At Whirlpool Point	52.00	-116.47	1920	N	23.66	22.15	0.10
	05DB002	Prairie Creek Near Rocky Mountain House	52.27	-114.93	844	N	20.89	15.48	0.25
	05DB006	Clearwater River Near Dovercourt	52.25	-114.86	2250	N	28.47	19.49	0.20

05DF001	North Saskatchewan River At Edmonton	53.54	-113.49	28100	Y	37.83	34.06	0.13
05FA001	Battle River Near Ponoka	52.66	-113.58	1820	N	1.08	3.35	0.90
Beaver								
06AD006	Beaver River At Cold Lake Reserve	54.36	-110.22	14500	N	3.41	1.62	0.74
Athabasca								
07AA002	Athabasca River Near Jasper	52.91	-118.06	3870	N	30.31	24.07	0.11
07AD002	Athabasca River At Hinton	53.42	-117.57	9760	N	37.60	28.64	0.12
07BC002	Pembina River At Jarvie	54.45	-113.99	13100	N	7.65	3.85	0.70
07BE001	Athabasca River At Athabasca	54.72	-113.29	74600	N	14.10	10.33	0.26
07BK007	Driftwood River Near The Mouth	55.26	-114.23	2100	N	3.04	2.00	0.65
07CD001	Clearwater River At Draper	56.69	-111.26	30800	N	15.51	13.31	0.21
07DA001	Athabasca River Below Fort McMurray	56.78	-111.40	133000	N	14.24	9.34	0.23
Peace								
07GE001	Wapiti River Near Grande Prairie	55.07	-118.80	11300	N	16.02	9.67	0.41
07GG001	Waskahigan River Near The Mouth	54.75	-117.21	1040	N	3.23	4.21	0.70
07GJ001	Smoky River At Watino	55.71	-117.62	50300	N	17.45	8.33	0.46
07HA001	Peace River At Peace River	56.24	-117.31	194000	Y	78.31	63.82	0.15
07HA003	Heart River Near Nampa	56.06	-117.13	1970	N	1.23	2.13	1.63
07HC001	Notikewin River At Manning	56.92	-117.62	4680	N	1.02	0.51	1.38
07JD002	Wabasca River At Highway No. 88	57.87	-115.39	35800	N	3.76	2.67	0.64
07KC001	Peace River At Peace Point (Alberta)	59.12	-112.44	293000	Y	40.82	41.20	0.16
Slave								
07NB001	Slave River At Fitzgerald (Alberta)	59.86	-111.59	606000	Y	29.51	30.81	0.17

* Coefficient of variation = standard deviation / mean

Table 3: Spring (AMJ) water yield for 2020 compared with average spring yield over 1981-2019

Watershed	Station ID	Station Name	Lat	Long	Area (km2)	Regulated	2020 Yield (mm)	Average Yield (mm) (1981-2019)	Coefficient of Variation*
Oldman									
	05AA004	Pincher Creek At Pincher Creek	49.49	-113.95	158	N	172.16	141.12	0.66
	05AA008	Crowsnest River At Frank	49.60	-114.41	403	N	225.02	200.47	0.34
	05AA022	Castle River Near Beaver Mines	49.49	-114.14	821	N	434.50	373.61	0.29
	05AA024	Oldman River Near Brocket	49.56	-113.82	4400	Y	167.75	139.85	0.41
	05AA027	Racehorse Creek Near The Mouth	49.84	-114.42	218	N	294.02	252.69	0.40
	05AA028	Castle River At Ranger Station	49.40	-114.34	375	N	472.90	459.12	0.27
	05AA030	Gold Creek Near Frank	49.60	-114.40	63.3	N	180.98	155.97	0.47
	05AB005	Trout Creek Near Granum	49.98	-113.69	441	N	53.98	28.68	1.16
	05AB013	Beaver Creek Near Brocket	49.64	-113.80	256	N	28.63	17.52	1.26
	05AB029	Meadow Creek Near The Mouth	49.95	-113.66	130	N	34.63	16.00	1.26
	05AC003	Little Bow River At Carmangay	50.13	-113.12	2780	Y	9.98	7.82	0.63
	05AC012	Little Bow River Below Travers Dam	50.17	-112.72	5340	Y	2.93	2.41	0.73
	05AD003	Waterton River Near Waterton Park	49.11	-113.84	613	N	651.52	527.75	0.21
	05AD007	Oldman River Near Lethbridge	49.71	-112.86	17000	Y	83.85	65.74	0.64
	05AD010	Drywood Creek Near The Mouth	49.29	-113.79	239	Y	310.69	248.64	0.43
	05AG006	Oldman River Near The Mouth	49.92	-111.80	27500	Y	52.63	40.89	0.62
Milk									
	11AA028	Bear Creek Near International Boundary	49.03	-111.22	87.6	Y	22.33	15.04	1.22
	11AA029	Miners Coulee Near International Boundary	49.02	-111.40	109	Y	13.62	7.04	1.52
	11AB009	Middle Creek Near The Saskatchewan Boundary	49.43	-110.05	305	Y	27.72	7.30	1.77
South Saskatchewan									
	05AJ001	South Saskatchewan River At Medicine Hat	50.04	-110.68	56400	Y	56.90	38.56	0.54
Bow									
	05BH004	Bow River At Calgary	51.05	-114.05	7870	Y	167.24	118.26	0.24
	05BM002	Bow River Below Carseland Dam	50.82	-113.44	15700	Y	118.81	79.30	0.40
	05BM008	Crowfoot Creek Near Cluny	50.83	-112.76	1370	Y	9.35	11.18	0.98
	05BN006	New West Coulee Near The Mouth	50.22	-112.10	318	Y	18.76	26.32	0.34
	05BN012	Bow River Near The Mouth	50.05	-111.59	25300	Y	69.51	40.83	0.51
Red Deer									
	05CA002	James River Near Sundre	51.93	-114.69	821	N	139.06	85.83	0.65
	05CB002	Little Red Deer River Near Water Valley	51.51	-114.67	451	N	149.28	75.45	0.67

05CB004	Raven River Near Raven	52.09	-114.48	645	N	79.95	43.20	0.49
05CC002	Red Deer River At Red Deer	52.27	-113.82	11600	Y	88.09	53.56	0.57
05CE001	Red Deer River At Drumheller	51.47	-112.71	24900	Y	52.08	29.39	0.56
05CE002	Kneehills Creek Near Drumheller	51.47	-112.98	2430	N	27.97	8.52	1.49
05CE005	Rosebud River At Redland	51.29	-113.01	3570	Y	16.19	9.06	0.97
05CE006	Rosebud River Below Carstairs Creek	51.42	-113.73	753	N	21.31	8.40	1.49
05CE007	Threehills Creek Near Carbon	51.56	-113.07	1080	Y	36.48	11.41	1.21
05CE018	Threehills Creek Below Ray Creek	52.00	-113.57	199	N	39.90	15.58	1.01
05CJ006	Onetree Creek Near Patricia	50.73	-111.69	498	Y	14.57	20.22	0.39
05CK004	Red Deer River Near Bindloss	50.90	-110.30	47800	Y	31.67	17.07	0.55

North Saskatchewan

05DA009	North Saskatchewan River At Whirlpool Point	52.00	-116.47	1920	N	294.96	259.36	0.18
05DB002	Prairie Creek Near Rocky Mountain House	52.27	-114.93	844	N	132.37	62.29	0.59
05DB005	Prairie Creek Below Lick Creek	52.25	-115.29	208	N	196.34	92.07	0.63
05DB006	Clearwater River Near Dovercourt	52.25	-114.86	2250	N	144.66	87.99	0.43
05DC001	North Saskatchewan River Near Rocky Mountain House	52.38	-114.94	11000	Y	174.38	123.46	0.28
05DD007	Brazeau River Below Cardinal River	52.88	-116.56	2600	N	236.10	197.43	0.28
05DE007	Rose Creek Near Alder Flats	52.93	-115.01	559	N	181.42	56.37	0.68
05DF001	North Saskatchewan River At Edmonton	53.54	-113.49	28100	Y	136.15	78.46	0.32
05EC005	Redwater River Near The Mouth	53.90	-113.00	1600	N	63.12	10.10	1.14
05EE005	Stretton Creek Near Marwayne	53.44	-110.33	74	N	42.86	11.08	1.23
05EE006	Vermilion River Tributary Near Bruce	53.29	-112.05	46.4	N	34.89	12.91	1.35
05FA001	Battle River Near Ponoka	52.66	-113.58	1820	N	35.68	18.62	0.70

Beaver

06AB001	Sand River Near The Mouth	54.47	-111.19	4910	N	91.92	26.69	0.77
06AD006	Beaver River At Cold Lake Reserve	54.36	-110.22	14500	N	57.73	13.53	0.81

Athabasca

07AA002	Athabasca River Near Jasper	52.91	-118.06	3870	N	272.92	237.13	0.17
07AD002	Athabasca River At Hinton	53.42	-117.57	9760	N	244.25	194.65	0.17
07AE001	Athabasca River Near Windfall	54.21	-116.06	19600	N	181.94	133.09	0.19
07AH001	Freeman River Near Fort Assiniboine	54.36	-114.90	1660	N	155.67	90.40	0.47
07AH003	Sakwatamau River Near Whitecourt	54.20	-115.78	1150	N	171.25	82.51	0.44
07BC002	Pembina River At Jarvie	54.45	-113.99	13100	N	111.48	36.49	0.57
07BC006	Dapp Creek At Highway No. 44	54.31	-113.85	605	N	56.38	9.56	1.51
07BE001	Athabasca River At Athabasca	54.72	-113.29	74600	N	123.40	66.38	0.30
07BF001	East Prairie River Near Enilda	55.42	-116.34	1470	N	212.34	92.66	0.57
07BK005	Saulteaux River Near Spurfield	55.16	-114.24	2600	N	99.29	51.32	0.70

07BK007	Driftwood River Near The Mouth	55.26	-114.23	2100	N	100.61	45.78	0.66
07CA006	Wandering River Near Wandering River	55.20	-112.47	1120	N	113.18	38.77	0.78
07CD001	Clearwater River At Draper	56.69	-111.26	30800	N	80.72	43.27	0.35
07CD004	Hangingsstone River At Fort McMurray	56.71	-111.36	962	N	118.10	49.09	0.63
07CD005	Clearwater River Above Christina River	56.66	-110.93	17000	N	74.99	47.04	0.22
07DA001	Athabasca River Below Fort McMurray	56.78	-111.40	133000	N	94.62	52.59	0.30
07DA006	Steepbank River Near Fort McMurray	57.00	-111.41	1320	N	111.83	57.25	0.57
07DA008	Muskeg River Near Fort Mackay	57.19	-111.57	1460	N	57.08	40.82	0.64
07DA018	Beaver River Above Syncrude	56.95	-111.57	165	N	142.06	55.45	0.69
07DB001	Mackay River Near Fort Mackay	57.21	-111.69	5570	N	70.44	41.25	0.69
07DC001	Firebag River Near The Mouth	57.65	-111.20	6390	N	82.50	54.46	0.40
07DD002	Richardson River Near The Mouth	58.36	-111.24	2730	N	69.02	57.38	0.12
Peace								
07FD003	Peace River At Dunvegan Bridge	55.92	-118.61	135000	Y	116.56	107.67	0.23
07FD013	Eureka River Near Worsley	56.45	-119.13	755	N	45.96	27.77	0.75
07GA001	Smoky River Above Hells Creek	53.95	-119.16	3870	N	390.40	269.21	0.19
07GA002	Muskeg River Near Grande Cache	53.93	-118.82	703	N	190.23	111.27	0.36
07GB001	Cutbank River Near Grande Prairie	54.52	-118.96	842	N	202.99	107.59	0.45
07GD001	Beaverlodge River Near Beaverlodge	55.19	-119.44	1610	N	114.60	30.84	0.91
07GE001	Wapiti River Near Grande Prairie	55.07	-118.80	11300	N	220.61	141.55	0.35
07GF001	Simonette River Near Goodwin	55.14	-118.18	5040	N	181.23	82.39	0.47
07GG001	Waskahigan River Near The Mouth	54.75	-117.21	1040	N	195.31	82.29	0.54
07GG003	Iosegun River Near Little Smoky	54.75	-117.15	1950	N	207.71	83.35	0.54
07GJ001	Smoky River At Watino	55.71	-117.62	50300	N	198.06	103.69	0.31
07HA001	Peace River At Peace River	56.24	-117.31	194000	Y	135.32	102.19	0.20
07HA003	Heart River Near Nampa	56.06	-117.13	1970	N	93.78	27.65	1.02
07HC001	Notikewin River At Manning	56.92	-117.62	4680	N	92.94	48.73	0.52
07JD002	Wabasca River At Highway No. 88	57.87	-115.39	35800	N	46.00	30.28	0.66
07JD003	Jackpine Creek At Highway No. 88	58.19	-115.75	582	N	36.91	45.80	0.69
07JF002	Boyer River Near Fort Vermilion	58.45	-116.26	6660	N	2.92	9.10	0.85
07KC001	Peace River At Peace Point (Alberta)	59.12	-112.44	293000	Y	105.15	77.01	0.24
07KE001	Birch River Below Alice Creek	58.32	-113.07	9860	N	80.90	48.46	0.56
Slave								
07NB001	Slave River At Fitzgerald (Alberta)	59.86	-111.59	606000	Y	45.49	51.43	0.15

* Coefficient of variation = standard deviation / mean

Table 4: Summer (JAS) water yield for 2020 compared with average summer yield over 1981-2019.

Watershed	Station ID	Station Name	Lat	Long	Area (km2)	Regulated	2020 Yield (mm)	Average Yield (mm) (1981-2019)	Coefficient of Variation*
Oldman									
	05AA004	Pincher Creek At Pincher Creek	49.49	-113.95	158	N	39.26	34.80	0.99
	05AA008	Crowsnest River At Frank	49.60	-114.41	403	N	74.87	85.38	0.33
	05AA022	Castle River Near Beaver Mines	49.49	-114.14	821	N	93.73	96.87	0.42
	05AA024	Oldman River Near Brocket	49.56	-113.82	4400	Y	87.89	71.13	0.41
	05AA027	Racehorse Creek Near The Mouth	49.84	-114.42	218	N	34.58	55.55	0.58
	05AA028	Castle River At Ranger Station	49.40	-114.34	375	N	149.02	129.84	0.39
	05AA030	Gold Creek Near Frank	49.60	-114.40	63	N	79.65	89.04	0.44
	05AB005	Trout Creek Near Granum	49.98	-113.69	441	N	14.03	17.72	1.42
	05AB013	Beaver Creek Near Brocket	49.64	-113.80	256	N	11.20	9.53	1.45
	05AB029	Meadow Creek Near The Mouth	49.95	-113.66	130	N	9.23	9.95	1.84
	05AC003	Little Bow River At Carmangay	50.13	-113.12	2780	Y	8.61	6.75	0.48
	05AC012	Little Bow River Below Travers Dam	50.17	-112.72	5340	Y	2.56	2.35	0.60
	05AC023	Little Bow River Near The Mouth	49.90	-112.51	5900	Y	4.42	3.56	0.49
	05AD003	Waterton River Near Waterton Park	49.11	-113.84	613	N	255.86	196.65	0.39
	05AD007	Oldman River Near Lethbridge	49.71	-112.86	17000	Y	38.83	25.67	0.81
	05AD010	Drywood Creek Near The Mouth	49.29	-113.79	239	Y	85.41	81.41	0.59
	05AE016	Pothole Creek At Russell'S Ranch	49.57	-112.83	770	Y	5.62	6.89	0.25
	05AG003	Expanse Coulee Near The Mouth	49.99	-112.08	1880	Y	2.21	5.10	0.45
	05AG006	Oldman River Near The Mouth	49.92	-111.80	27500	Y	27.35	18.44	0.75
Milk									
	11AA028	Bear Creek Near International Boundary	49.03	-111.22	88	Y	1.36	1.41	2.43
	11AA029	Miners Coulee Near International Boundary	49.02	-111.40	109	Y	2.67	0.58	3.39
	11AB009	Middle Creek Near The Saskatchewan Boundary	49.43	-110.05	305	Y	0.37	0.50	2.65
South Saskatchewan									
	05AJ001	South Saskatchewan River At Medicine Hat	50.04	-110.68	56400	Y	30.47	22.19	0.60
Bow									
	05BA001	Bow River At Lake Louise	51.43	-116.19	422	N	439.54	380.85	0.13
	05BH004	Bow River At Calgary	51.05	-114.05	7870	Y	132.54	117.29	0.24
	05BH013	Jumpingpound Creek Near Cox Hill	51.00	-114.94	37	N	63.63	76.89	0.63
	05BM002	Bow River Below Carseland Dam	50.82	-113.44	15700	Y	65.72	59.12	0.37
	05BM008	Crowfoot Creek Near Cluny	50.83	-112.76	1370	Y	9.13	10.25	0.33
	05BN002	Twelve Mile Creek Near Cecil	50.15	-111.67	2800	Y	6.63	9.39	0.29

05BN006	New West Coulee Near The Mouth	50.22	-112.10	318	Y	27.59	50.67	0.37	
05BN012	Bow River Near The Mouth	50.05	-111.59	25300	Y	35.84	27.97	0.56	
Red Deer									
05CA002	James River Near Sundre	51.93	-114.69	821	N	80.69	66.55	0.58	
05CB002	Little Red Deer River Near Water Valley	51.51	-114.67	451	N	51.90	53.25	0.75	
05CB004	Raven River Near Raven	52.09	-114.48	645	N	55.76	32.19	0.42	
05CC002	Red Deer River At Red Deer	52.27	-113.82	11600	Y	52.86	43.46	0.44	
05CE001	Red Deer River At Drumheller	51.47	-112.71	24900	Y	27.19	22.13	0.46	
05CE002	Kneehills Creek Near Drumheller	51.47	-112.98	2430	N	2.64	0.82	1.16	
05CE005	Rosebud River At Redland	51.29	-113.01	3570	Y	6.43	6.29	0.27	
05CE006	Rosebud River Below Carstairs Creek	51.42	-113.73	753	N	4.02	1.53	1.10	
05CE007	Threehills Creek Near Carbon	51.56	-113.07	1080	Y	3.31	1.44	1.34	
05CE018	Threehills Creek Below Ray Creek	52.00	-113.57	199	N	6.88	2.96	1.82	
05CJ006	Onetree Creek Near Patricia	50.73	-111.69	498	Y	19.72	33.02	0.32	
05CK004	Red Deer River Near Bindloss	50.90	-110.30	47800	Y	15.81	13.25	0.44	
North Saskatchewan									
05DA009	North Saskatchewan River At Whirlpool Point	52.00	-116.47	1920	N	578.01	536.41	0.12	
05DB002	Prairie Creek Near Rocky Mountain House	52.27	-114.93	844	N	111.61	64.94	0.55	
05DB005	Prairie Creek Below Lick Creek	52.25	-115.29	208	N	122.14	80.22	0.55	
05DB006	Clearwater River Near Dovercourt	52.25	-114.86	2250	N	137.99	106.05	0.31	
05DC001	North Saskatchewan River Near Rocky Mountain House	52.38	-114.94	11000	Y	158.44	112.81	0.25	
05DD004	Brown Creek At Forestry Road	52.76	-116.36	219	N	92.27	101.28	0.59	
05DD007	Brazeau River Below Cardinal River	52.88	-116.56	2600	N	216.54	189.23	0.25	
05DE007	Rose Creek Near Alder Flats	52.93	-115.01	559	N	93.84	35.96	0.74	
05DF001	North Saskatchewan River At Edmonton	53.54	-113.49	28100	Y	113.19	73.13	0.34	
05EC005	Redwater River Near The Mouth	53.90	-113.00	1600	N	26.71	1.40	1.90	
05EE005	Stretton Creek Near Marwayne	53.44	-110.33	74	N	12.94	1.74	2.30	
05EE006	Vermilion River Tributary Near Bruce	53.29	-112.05	46	N	15.78	1.93	3.99	
05FA001	Battle River Near Ponoka	52.66	-113.58	1820	N	16.82	9.86	1.35	
Beaver									
06AB001	Sand River Near The Mouth	54.47	-111.19	4910	N	51.47	23.09	0.76	
06AD006	Beaver River At Cold Lake Reserve	54.36	-110.22	14500	N	30.58	10.32	0.81	
Athabasca									
07AA002	Athabasca River Near Jasper	52.91	-118.06	3870	N	451.28	378.13	0.14	
07AC001	Wildhay River Near Hinton	53.52	-117.95	960	N	131.86	94.95	0.48	
07AD002	Athabasca River At Hinton	53.42	-117.57	9760	N	354.74	275.34	0.17	

07AE001	Athabasca River Near Windfall	54.21	-116.06	19600	N	227.78	173.26	0.22
07AH001	Freeman River Near Fort Assiniboine	54.36	-114.90	1660	N	43.55	61.23	0.72
07AH003	Sakwatamau River Near Whitecourt	54.20	-115.78	1150	N	42.16	47.04	0.77
07BA003	Lovett River Near The Mouth	53.00	-116.66	103	N	151.41	115.82	0.54
07BC002	Pembina River At Jarvie	54.45	-113.99	13100	N	57.35	27.10	0.75
07BC006	Dapp Creek At Highway No. 44	54.31	-113.85	605	N	18.35	3.22	2.00
07BE001	Athabasca River At Athabasca	54.72	-113.29	74600	N	107.15	74.20	0.29
07BF001	East Prairie River Near Enilda	55.42	-116.34	1470	N	79.28	52.48	0.68
07BK005	Saulteaux River Near Spurfield	55.16	-114.24	2600	N	27.08	40.74	0.90
07BK007	Driftwood River Near The Mouth	55.26	-114.23	2100	N	45.08	31.74	0.96
07CA006	Wandering River Near Wandering River	55.20	-112.47	1120	N	52.48	27.89	1.06
07CD001	Clearwater River At Draper	56.69	-111.26	30800	N	83.40	35.39	0.35
07CD004	Hangingstone River At Fort McMurray	56.71	-111.36	962	N	79.87	39.36	0.67
07CD005	Clearwater River Above Christina River	56.66	-110.93	17000	N	81.05	37.42	0.26
07DA001	Athabasca River Below Fort McMurray	56.78	-111.40	133000	N	96.20	56.68	0.28
07DA006	Steepbank River Near Fort McMurray	57.00	-111.41	1320	N	162.10	44.36	0.58
07DA008	Muskeg River Near Fort Mackay	57.19	-111.57	1460	N	96.16	26.87	0.72
07DA018	Beaver River Above Syncrude	56.95	-111.57	165	N	75.99	26.51	0.86
07DB001	Mackay River Near Fort Mackay	57.21	-111.69	5570	N	98.30	24.43	0.74
07DC001	Firebag River Near The Mouth	57.65	-111.20	6390	N	117.97	40.23	0.43
07DD002	Richardson River Near The Mouth	58.36	-111.24	2730	N	74.15	49.20	0.19

Peace

07FD003	Peace River At Dunvegan Bridge	55.92	-118.61	135000	Y	142.64	81.51	0.41
07FD013	Eureka River Near Worsley	56.45	-119.13	755	N	10.41	3.12	2.33
07GA001	Smoky River Above Hells Creek	53.95	-119.16	3870	N	414.39	285.28	0.19
07GA002	Muskeg River Near Grande Cache	53.93	-118.82	703	N	124.79	109.37	0.63
07GB001	Cutbank River Near Grande Prairie	54.52	-118.96	842	N	89.01	66.18	0.77
07GD001	Beaverlodge River Near Beaverlodge	55.19	-119.44	1610	N	39.67	6.35	1.78
07GE001	Wapiti River Near Grande Prairie	55.07	-118.80	11300	N	145.04	76.84	0.50
07GF001	Simonette River Near Goodwin	55.14	-118.18	5040	N	75.04	49.06	0.89
07GG001	Waskahigan River Near The Mouth	54.75	-117.21	1040	N	72.10	41.44	0.83
07GG003	Iosegun River Near Little Smoky	54.75	-117.15	1950	N	71.86	42.83	0.90
07GJ001	Smoky River At Watino	55.71	-117.62	50300	N	115.45	70.45	0.45
07HA001	Peace River At Peace River	56.24	-117.31	194000	Y	127.31	75.38	0.35
07HA003	Heart River Near Nampa	56.06	-117.13	1970	N	34.53	9.80	1.08
07HC001	Notikewin River At Manning	56.92	-117.62	4680	N	67.84	25.57	0.80
07JD002	Wabasca River At Highway No. 88	57.87	-115.39	35800	N	51.64	20.58	0.85
07JD003	Jackpine Creek At Highway No. 88	58.19	-115.75	582	N	68.48	16.65	1.22

07JF002	Boyer River Near Fort Vermilion	58.45	-116.26	6660	N	0.81	1.86	1.91
07KC001	Peace River At Peace Point (Alberta)	59.12	-112.44	293000	Y	111.50	57.73	0.38
07KE001	Birch River Below Alice Creek	58.32	-113.07	9860	N	142.26	30.58	0.67
Slave								
07NB001	Slave River At Fitzgerald (Alberta)	59.86	-111.59	606000	Y	86.01	52.29	0.21

* Coefficient of variation = standard deviation / mean

Table 5: Autumn (OND) water yield for 2020 compared with average autumn yield over 1981-2019.

Watershed	Station ID	Station Name	Lat	Long	Area (km2)	Regulated	2020 Yield (mm)	Average Yield (mm) (1981-2019)	Coefficient of Variation*
Oldman									
	05AA008	Crowsnest River At Frank	49.60	-114.41	403	N	50.79	44.01	0.43
	05AA022	Castle River Near Beaver Mines	49.49	-114.14	821	N	60.69	54.94	0.60
	05AA024	Oldman River Near Brocket	49.56	-113.82	4400	Y	45.52	27.72	0.48
	05AC003	Little Bow River At Carmangay	50.13	-113.12	2780	Y	2.79	3.38	0.50
	05AD003	Waterton River Near Waterton Park	49.11	-113.84	613	N	113.53	86.08	0.55
	05AD007	Oldman River Near Lethbridge	49.71	-112.86	17000	Y	19.13	15.79	0.55
	05AD010	Drywood Creek Near The Mouth	49.29	-113.79	239	Y	74.73	39.65	0.59
	05AE027	St. Mary River At International Boundary	49.01	-113.30	1210	Y	57.69	58.92	0.58
	05AG006	Oldman River Near The Mouth	49.92	-111.80	27500	Y	12.85	10.70	0.53
Milk									
	11AA005	Milk River At Milk River	49.14	-112.08	2720	Y	5.05	4.50	0.88
South Saskatchewan									
	05AJ001	South Saskatchewan River At Medicine Hat	50.04	-110.68	56400	Y	16.41	13.91	0.37
Bow									
	05BH004	Bow River At Calgary	51.05	-114.05	7870	Y	53.60	58.75	0.16
	05BN012	Bow River Near The Mouth	50.05	-111.59	25300	Y	22.03	19.42	0.32
Red Deer									
	05CB004	Raven River Near Raven	52.09	-114.48	645	N	16.67	18.93	0.28
	05CC002	Red Deer River At Red Deer	52.27	-113.82	11600	Y	18.37	15.53	0.30
	05CE001	Red Deer River At Drumheller	51.47	-112.71	24900	Y	7.79	7.53	0.32
	05CK004	Red Deer River Near Bindloss	50.90	-110.30	47800	Y	5.02	4.37	0.34
North Saskatchewan									
	05DA009	North Saskatchewan River At Whirlpool Point	52.00	-116.47	1920	N	50.16	64.94	0.22
	05DB002	Prairie Creek Near Rocky Mountain House	52.27	-114.93	844	N	34.64	27.76	0.41
	05DB006	Clearwater River Near Dovercourt	52.25	-114.86	2250	N	46.29	36.49	0.26

05DF001	North Saskatchewan River At Edmonton	53.54	-113.49	28100	Y	47.16	38.89	0.19
05FA001	Battle River Near Ponoka	52.66	-113.58	1820	N	1.33	2.47	0.86
Beaver								
06AD006	Beaver River At Cold Lake Reserve	54.36	-110.22	14500	N	7.05	3.24	0.84
Athabasca								
07AA002	Athabasca River Near Jasper	52.91	-118.06	3870	N	66.33	65.75	0.24
07AD002	Athabasca River At Hinton	53.42	-117.57	9760	N	61.33	60.96	0.19
07BC002	Pembina River At Jarvie	54.45	-113.99	13100	N	21.31	7.23	0.63
07BE001	Athabasca River At Athabasca	54.72	-113.29	74600	N	31.63	20.39	0.29
07BK007	Driftwood River Near The Mouth	55.26	-114.23	2100	N	7.90	6.02	1.26
07CD001	Clearwater River At Draper	56.69	-111.26	30800	N	27.45	21.98	0.36
07DA001	Athabasca River Below Fort McMurray	56.78	-111.40	133000	N	28.11	19.20	0.31
Peace								
07GE001	Wapiti River Near Grande Prairie	55.07	-118.80	11300	N	58.57	23.25	0.30
07GG001	Waskahigan River Near The Mouth	54.75	-117.21	1040	N	27.45	8.27	0.61
07GJ001	Smoky River At Watino	55.71	-117.62	50300	N	42.03	18.81	0.33
07HA001	Peace River At Peace River	56.24	-117.31	194000	Y	84.41	67.39	0.14
07HA003	Heart River Near Nampa	56.06	-117.13	1970	N	4.83	2.32	1.02
07HC001	Notikewin River At Manning	56.92	-117.62	4680	N	8.74	3.91	1.22
07JD002	Wabasca River At Highway No. 88	57.87	-115.39	35800	N	11.40	8.21	1.00
07KC001	Peace River At Peace Point (Alberta)	59.12	-112.44	293000	Y	57.04	43.91	0.16
Slave								
07NB001	Slave River At Fitzgerald (Alberta)	59.86	-111.59	606000	Y	39.27	35.90	0.18

* Coefficient of variation = standard deviation / mean