

Table

Information on the mapping photography

Year	Photography		Distance covered (km d/s PC dam)	Hudson's Hope	Taylor	Flow (m ³ s ⁻¹)		Fort Vermilion	Peace Point
	Date	Scale				Flight line ¹	Dunvegan Bridge		
British Columbia reach (BC)									
2006	01/07	30 000	15BCC06069 ⁷	0 – 65	1020	1040			
2005	05/09	30 000	15BCC05129 ⁷	65 – 148	828	916			
Alberta									
Reach AB1									
1950	02/10	40 000	AS95-5603	148 – 177		n.a.	n.a.		
1950	02/10	40 000	AS95-5604	177 – 196		n.a.	n.a.		
1950	02/10	40 000	AS94-5605	196 – 223 part		n.a.	n.a.		
1950	02/10	40 000	AS93-5606	201 – 212		n.a.	n.a.		
1950	02/10	40 000	AS95-5604	222 – 230		n.a.	n.a.		
1950	02/10	40 000	AS95-5603	230 – 238		n.a.	n.a.		
1950	07/09	40 000	AS96-5602	238 – 248		915	n.a.		
1950	07/09	40 000	AS97-5601	244 – 255		915	n.a.		
1950	05/09	40 000	AS98-5600	255 – 265		929	n.a.		
1950	04/09	40 000	AS99-5516	265 – 276		934	n.a.		
1967	12/09	31 680	AS929-5604	148 – 174			1600		
1967	12/09	31 680	AS929-5605	174 – 185			1600		
1966	15/09	31 680	AS929-5606	185 – 199			1480		
1967	--/08	31 680	AS920-5607A	199 – 225 part					
1967	--/08	31 680	AS920-5608A	206 – 210					
1967	12/09	31 680	AS929-5605	225 – 233			1600		

1967	12/09	31 680	AS929-5604	233 – 238		1600
1970	02/08		A21798 ²	235 – 259	742	n.a.
1961	10/05	31 680	AS800-5522	256 – 263		2640
1961	18/05	31 680	AS800-5521	262 – 276		1530E
1974	02/08	50 000	AS1348-13 ³	148 – 236 part	1570	n.a.
1974	14/08	50 000	AS1348-14	174 – 228 part	1760	n.a.
1974	03/08	50 000	AS1348-15	196 – 222	1340	n.a.
1974	04/08	50 000	AS1347-12	236 – 251	1530	n.a.
1974	04/08	50 000	AS1347-11	248 – 263	1530	n.a.
1974	?	50 000	AS1347-10	263 - 276		
1988	22/08	40 000	AS3748-82B	148 – 171		1260
1988	22/08	40 000	AS3813-83	171 – 183		1260
1988	22/08	40 000	AS3813-84	183 – 225 part		1260
1984	27/06	60 000	AS3057-84	200 – 213		1550
1988	22/08	40 000	AS3748-83	225 – 233		1260
1988	22/08	40 000	AS3748-82B	232 – 242		1260
1988	22/08	40 000	AS3748-82A	239 – 249		1260
1988	22/08	40 000	AS3748-81	247 – 259 ⁵		1260
1988	12/08	40 000	AS3749-80B	257 – 269 ⁵		1270
1985	21/05	60 000	AS3142-80	257 – 267		2090
1988	12/08	40 000	AS3749-80A	267 – 276		1270
1993	10/10	30 000	AS4474 ⁷ (photos 1-73)	148 – 276		1160
2006	11/09	30 000	AS5377B	148 – 180		431
2006	29/06	30 000	AS5378B	180 – 195		1020
2006	25/06	30 000	AS5378B	195 – 203		1130
2006	25/08	30 000	AS5378B	203 – 214		711

2006	31/08	30 000	AS5378B	214 – 224	640
2006	28/06	30 000	AS5378B	224 – 230	1180
2006	28/08	30 000	AS5378B	230 – 234	480
2006	29/06	30 000	AS5377B	234 – 276	1030

Reach AB2

1950	07/09	40 000	AS96-5602	348 – 360	no relevant gauge active
1950	02/10	40 000	AS95-5603	360 – 367	
1950	02/10	40 000	AS95-5604	367 – 376	
1950	02/10	40 000	AS94-5605	376 – 384	
1950	02/10	40 000	AS93-5606	384 – 396	
1950	09/06	40 000	AS92-5607	396 – 405	
1950	02/10	40 000	AS91-5608	399 – 409	
1950	30/08	40 000	AS90-5609	408 – 418	
1950	02/07	40 000	AS90-5610	415 – 427	
		40 000	AS89-5611	427 - 436	
1950	08/06	40 000	AS88-5612	436 – 455	
1950	30/08	40 000	AS87-5613	448 – 461	
1950	28/06	40 000	AS86-5614	461 – 470	
1950	28/06	40 000	AS86-5615	467 – 479	
1950	23/07	40 000	AS85-5616	476 - 486	
1950	30/08	40 000	AS84-5616	481 – 493	
1970	02/08	80 000	AS1113-55	348 – 355	1360
1970	02/08	80 000	AS1113-56	355 – 365	1960
1967		31 680	AS929-5605	365 – 373	
1966	15/09	31 680	AS929-5606	373 – 380	1900
1966	15/09	31 680	AS920-5607	378 – 386	1900
1967	??/08	31 680	AS920-5608	384 – 394	
1966	12/09	31 680	AS929-5609	392 – 399	1970

1966	12/09	31 680	AS929-5610	397 – 404	1970
1969	10/05	31 680	AS1008-5611	402 – 410	1900
1969	07/06	31 680	AS1016-5612	407 – 415	2730
1969	10/05	31 680	AS1008-5613	413 – 420	1900
1969	07/06	31 680	AS1016-5614	417 – 425	2730
1969	07/06	31 680	AS1016-5615	425 – 434	2730
1969	07/06	31 680	AS1016-5616	434 – 443	2730
1969	07/06	31 680	AS1016-5617	440 – 457	2730
1969	07/06	31 680	AS1016-5618	454 – 462	2730
1969	07/06	31 680	AS1016-5619	460 – 467	2730
1969	10/05	31 680	AS1008-5620	467 – 478	1900
1969	10/05	31 680	AS1008-5621	475 – 483	1900
1969	--/05	31 680	AS1004-5622	481 – 488	
1969	--/05	31 680	AS1004-5700	486 – 493	
1974	04/08	50 000	AS1347-12 ³	348 – 359	1870
1974	03/08	50 000	AS1348-13	352 – 373	2060
1974	14/08	50 000	AS1348-14	368 – 381	2080
1974	14/08	50 000	AS1348-15	378 – 390	2080
1974	14/08	50 000	AS1349-16	387 – 401	2080
1974	20/08	50 000	AS1349-17	397 – 407	1670
1974	20/08	50 000	AS1349-18	406 – 418	1670
1974	22/09	50 000	AS1350-19	415 – 430	1610
1974	22/09	50 000	AS1350-20	427 – 443	1610
1974	22/09	50 000	AS1350-21	438 – 460	1610
1974	22/09	50 000	AS1351-22	457 – 472	1610
1974	31/08	50 000	AS1351-23	464 – 481	1730
1974	24/09	50 000	AS1351-24	478 – 493	1480
1988 ⁶	02/08	40 000	AS3748-82A	348 – 354	1390
1988	02/08	40 000	AS3748-82B	353 – 359	1390

1988	02/08	40 000	AS3748-83	359 – 374	1390
1988	28/07	40 000	AS3813-84A	374 – 380	2010
1988	28/07	40 000	AS3813-84B	380 – 390	2010
1988	28/07	40 000	AS3813-85	389 – 400	2010
1984	15/07	60 000	AS3058-85	386 – 402	2930
1984	16/07	60 000	AS3058-86	398 – 413	2920
1984	16/07	60 000	AS3059-87	409 – 425	2920
1984	16/07	60 000	AS3059-88	419 – 435	2920
1984	09/10	60 000	AS3060-89	435 – 458	1640
1984	28/06	60 000	AS3060-90	455 – 471	2010
1984	09/10	60 000	AS3098-91	466 – 485	1640
1984	28/06	60 000	AS3098-92	481 – 493	2010
1993	10/10	30 000	AS4474 ⁷ (photos 105-190)	348 – 493	1360
1999	03/08	30 000	AS5070	348 – 388	890
1999	03/08	30 000	AS5071	388 – 446	890
1999	04/08	30 000	AS5071	446 – 449	1410
1999	04/08	30 000	AS5072	449 – 493	1190

Reach AB3

1950	23/07	40 000	AS71-5800	675 – 681	no relevant gauge active
1950	19/08	40 000	AS70-5801	678 – 693	
1951	14/08	40 000	AS68-5802	683 – 723	
1950	19/08	40 000	AS70-5801	712 – 718	
1950	21/08	40 000	AS68-5803	723 – 734	
1950	26/06	40 000	AS67-5804	731 – 773 part	
1950	18/08	40 000	AS66-5805	750 – 783	
1951	14/08	40 000	AS65-5806	778 – 792	

1950	14/08	40 000	AS65-5807	792 – 799			
1950	10/09	40 000	AS64-5807	799 – 821 part			
1950	10/09	40 000	AS63-5808	816 – 821			
1950	10/09	40 000	AS64-5807	821 – 834			
1966	21/08	31 680	AS924-5722	675 – 682	2400		2220
1966	21/09	31 680	AS924-5801	680 – 717 part	1530		1530
1969	24/06	31 680	AS1022-5801	682 – 716 part	1100		1330
1969	24/06	31 680	AS1022-5802	694 – 725 part	1100		1330
1969	24/06	31 680	AS1022-5803	725 – 733	1100		1330
1969	29/07	31 680	AS1022-5804	730 – 745 part	878		988E
1969	29/07	31 680	AS1022-5805	735 – 775 part	878		988E
1969	29/07	31 680	AS1022-5806	754 – 783 part	878		988E
1969	29/07	31 680	AS1022-5807	782 – 793 part	878		988E
1969	29/07	31 680	AS1022-5808	791 – 808	878		988E
1969	20/08	31 680	AS1029-5810	816 - 822	1090		1130
1969	29/07	31 680	AS1022-5809	808 – 834	878		988E
1976	09/05	50 000	AS1469-1	675 – 682	3140		3540
1976	09/05	50 000	AS1469-2	682 – 719	3140		3540
1976	09/05	50 000	AS1469-3	717 – 730	3140		3540
1976	09/05	50 000	AS1469-4	729 – 748	3140		3540
1976	09/05	50 000	AS1469-5	746 – 782	3140		3540
1976	09/05	50 000	AS1469-6	782 – 796	3140		3540
1976	09/05	50 000	AS1469-7	794 – 834	3140		3540
1987	23/08	40 000	AS3655-104A	675 – 682	2210	n.a.	2210
1987	23/08	40 000	AS3655-104B	671 – 717 part	2210	n.a.	2210
1987	23/08	40 000	AS3655-105	694 – 727 part	2210	n.a.	2210
1987	23/08	40 000	AS3655-106A	727 – 735	2210	n.a.	2210

1987	23/08	40 000	AS3656-106B	733 – 775 part	2210	n.a.	2210
1987	25/08	40 000	AS3656-107	753 – 783 part	1940	n.a.	2130
1997	25/08	40 000	AS3656-108A	782 – 793	1940	n.a.	2130
1987	25/08	40 000	AS3656-108B	793 – 834 part	1940	n.a.	2130
1987	25/08	40 000	AS3656-109	815 – 823	1940	n.a.	2130
1993	10/10	30 000	AS4474 ⁷	675 – 701	1360	n.a.	1340
			(photos 294-302)				
1993	09/10	30 000	AS4475 ⁷	695 – 834	1370	n.a.	1380
			(photos 1-72)				
2006	02/07	30 000	AS5390B	675 – 682	1300	1550	
2006	03/07	30 000	AS5390B	682 - 694	1380	1520	
2006	31/08	30 000	AS5390B	695 – 703	859	740	
2006	02/09	30 000	AS5390B	703 – 722	795	731	
2006	02/09	30 000	AS5391B	722 – 780	795	731	
2006	21/08	30 000	AS5392B	780 – 795	666	877	
2006	03/09	30 000	AS5392B	795 - 834	816	870	
Reach AB4A							
1950	30/08	40 000	AS65-5806	896 – 901	no relevant gauge active		
1950	10/09	40 000	AS64-5807	901 – 916			
1950	10/09	40 000	AS63-5808	916 – 923			
1950	19/09	40 000	AS63-5809	923 – 937			
1950	12/10	40 000	AS62-5810	937 – 945			
1950	12/09	40 000	AS61-5811	943 – 954			
1950	24/07	40 000	AS61-5811	954 – 961			
1964	29/06	31 680	AS886-5808	896 – 903	8920		
1964	29/06	31 680	AS886-5809	903 – 919	8920		

1964	29/06	31 680	AS885-5810	916 – 924	8920
1964	29/06	31 680	AS885-5811	922 – 936	8920
1964	29/06	31 680	AS885-5812	935 – 943	8920
1964	26/06	31 680	AS884-5813	943 – 961	10 300
1964	29/06	31 680	AS884-5814	956 – 961	8920
1978	14/09	50 000	AS1928-6	896 – 907	1700
1978	13/09	50 000	AS1929-7	905 – 919	1590
1978	13/09	50 000	AS1929-8	916 – 926	1590
1978	13/09	50 000	AS1929-9	926 – 944	1590
1978	14/09	50 000	AS1929-10	943 – 961 ⁴	1700
1988	27/08	40 000	AS3817-108B	896 – 915	1740
1988	27/08	40 000	AS3817-109	915 – 922	1740
1988	27/08	40 000	AS3817-110A	921 – 945	1740
1988	27/08	40 000	AS3817-110B	938 – 946	1740
1988	28/08	40 000	AS3817-111	945 – 961	1690
1993	09/10	30 000	AS4475 ⁷ (photos 115-148)	896 – 961	1380

Reach AB4B

1950	24/07	40 000	AS61-5811	960 – 963	no relevant gauge active
1950	10/07	40 000	AS60-5812	963 – 1015 part	
1950	24/07	40 000	AS61-5811	975 – 996 part	
1950	24/07	40 000	AS62-5810	983 – 990	
1950	10/07	40 000	AS59-5813	1015 – 1034	
1950	24/07	40 000	AS59-5814	1034 – 1044	
1950	12/09	40 000	AS58-5815	1042 – 1060	
1950	03/09	40 000	AS57-5816	1060 – 1071	

1950	03/09	40 000	AS56-5900	1070 – 1077		
1970	28/08	32 000	A23862 ²	995 – 1058		988
No photos available for balance of reach						
1975	01/07	53 000		947 – 962	<i>not revised</i>	3110
1975	09/07	53 000		962 – 967		3990
1975	01/07	53 000		967 – 1037		3110
1975	09/07	53 000		1037 – 1054		3990
1975	28/06	56 500		1064 – 1077		3370
1988	04/10	60 000	AS3796-1SW	957 – 1025 part		1640
1988	04/10	60 000	AS3796-2NE	967 – 992 part		1640
1988	04/10	60 000	AS3796-3SW	1023 – 1077		1640
1993	09/10	30 000	AS4475 ⁷	947 – 1068		1380
(photos 149-240)						

E = interpolated flow

¹ Alberta photographs are drawn from block coverage, identified by roll number (ASxxx) and line number (-yyy) to 1988, after which the flight lines were flown along the river: only the roll number is given. BC photography is identified by roll number.

² Federal photography

³ Infrared photography (all in this year)

⁴ Actually ends at km 970 in reach AB4B

⁵ Partially or entirely cloud obscured.

⁶ Photography at 1:20 000 is also available in this reach in this year.

⁷ Special project flown directly along the river.