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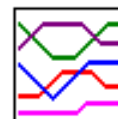
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Snowpack and Water Supply Outlook for British Columbia

January 1, 2009

Every effort is made to ensure that data reported on these pages are accurate. However, in order to update the graphs and indices as quickly as possible, some data may have been estimated. Please note that data provided on these pages are preliminary and subject to revision on review.

Province-wide Synopsis



[BC Summary Graphs of Snow Water Equivalents](#)

The January 1 snow survey is now complete. Data from 80 snow courses and 53 snow pillows around the province, with 5 out-of-province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports.

Snowpack

Basin snow water indices across B.C. at January 1 vary from a low of about 55% of normal on Vancouver Island to a high of 143% of normal in the Stikine. The South Coast, Vancouver Island and South Interior are all well below normal. Most of northern BC (Upper Fraser, Nechako, Skeena, Peace, Liard) are near normal.

Low and mid elevation snow throughout the coast and interior is very well developed, following the generally wet and cold late December.

Weather

Weather during the early part of the winter has been variable. November was 2-3 degrees warmer than normal throughout the province, while December was 3-5 degrees colder than normal. The sustained cold for the last two weeks of December allowed substantial snow accumulations to develop to sea level on Vancouver Island and the South Coast, and to valley bottom in the interior. Precipitation was well below normal in the Okanagan and Similkameen, slightly below normal in most of the rest of the south interior, and above normal in the northern half of the province.

Outlook

By January 1, on average, just under one-half of the peak snowpack for the year has accumulated. The near normal or above normal snow accumulation in many areas provides a favourable outlook for spring and summer streamflow and water-supply. However, the below normal snow conditions in the Okanagan and Similkameen basins, and other portions of the South Interior, as well as Vancouver Island and the South Coast suggest the possibility for below normal streamflow and water-supply in those areas this summer should the low snowpacks continue.

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Upper Fraser & Nechako Basins

[Snow Survey Data Measurements](#)

January 1

The snow water index for the Upper Fraser is 101% of normal for January 1st. Burns Lake (1A16) is 125% of normal, reflecting early winter heavy snowfall in that area.

The Nechako snow water index is 109% of normal, with a lot of variability among measurement sites. The Mount Pondsosy (1B08P), Tahtsa Lake (1B02P) and Mount Wells (1B01P) snow pillows are 75%, 93%, and 129% of normal, respectively. The Skins Lake snow course (1B05) is 80%.

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Middle and Lower Fraser

[Snow Survey Data Measurements](#)

January 1

The Middle Fraser has a January 1st snow water index of 70% of normal. The Chilcotin and Fraser Plateau areas appear to have near normal snow (e.g., Nazko (1C08) = 105%, Big Creek (1C21) = 128%). Southern portions of the Middle Fraser are well below normal (e.g., Green Mountain (1C12P) = 44%, Bridge Glacier Lower (1C39) = 28%, Bralorne (1C37) = 32%).

Following a cold and dry December, the Lower Fraser snow water index for January 1st is only 62% of normal. Wolverine Creek (1D13) is 37%, while the Chilliwack River (1D17P), Wahleach (1D09P) and Tenquille Lake (1D06P) snow pillows are 64%, 48%, and 59%, respectively.

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Thompson Basin

[Snow Survey Data Measurements](#)

January 1

The Thompson River basin has below normal snow water conditions at January 1st. The North Thompson snow water index is 87% of normal, while the South Thompson index is 78%.

In the North Thompson basin, the Blue River (1E01B) snow course is 101% of normal, and the Azure River (1E08P) and Kostal Lake (1E01P) snow pillows are 74% and 93%, respectively.

In the South Thompson basin, Enderby (1F04) is 73% of normal. The Park Mountain (1F03P) snow pillow is 81%. The Celistia Mountain (1F06P) snow pillow located north of Shuswap Lake is estimated to be near 67% of normal.

In the Nicola basin, Lac Le Jeune Upper (1C25) is 60% of normal.

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Columbia Basin

[Snow Survey Data Measurements](#)

January 1

The Columbia basin snow index is 80% of normal. For the Upper Columbia, most snow courses are in the 74-90% of normal range, with a high of 114% for Kicking Horse (2A07) and a low of 35% for Beaverfoot (2A11). For the Lower Columbia, measurements range from a low of 62% for the St. Leon Creek snow pillow (2B08P) and a high of 98% for the Farron (2B02A).

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Kootenay Basin

[Snow Survey Data Measurements](#)

January 1

The overall Kootenay snow water index is 76% of normal. For the East Kootenay, values for individual snow survey sites range from a low of 48% at Mount Joffre (2C16) to a high of 96% at the Moyie Mountain snow pillow (2C10P). For the West Kootenay values are similarly low, ranging from 69% at Ferguson (2D02) to 87% at Nelson (2D04).

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Okanagan, Kettle, and Similkameen Basins

[Snow Survey Data Measurements](#)

January 1

The overall January 1 snow water index of 78% for the Okanagan-Kettle is well below normal. Mount Kobau (2F12) in the far south Okanagan is only 65% of normal for the date. The Summerland Reservoir (2F02) and Trout Creek (2F01) snow courses are 61% and 68% of normal, respectively. The Mission Creek (2F05P) snow pillow east of Kelowna is 80% of normal (the gauge was not operating at the beginning of January). In the Kettle River drainage, the Grano Creek (2E07P) snow pillow is 74% and Monashee Pass (2E01) is 96%.

Snow is well below normal in the Similkameen at January 1, ranging from 39% of normal at Missezula Mountain (2G05) to 56% at Blackwall Peak (2G03P).

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Vancouver Island & Coastal Regions

[Snow Survey Data Measurements](#)

January 1

High elevation snow packs on the Vancouver Island and Coastal regions are well below normal as of January 1st. The Vancouver Island snow water index is 55% of normal, while the South Coast index is 64% of normal. On Vancouver Island, the Jump Creek (3B23P) and Wolf River (3B17P) snow pillows are 71% and 45% of normal, respectively, at January 1st. On the South Coast, the Grouse Mountain (3A01) and Dog Mountain (3A10) snow courses are 77% and 75%, respectively. The Upper Squamish (3A25P) snow pillow is 57% of normal. Low and mid elevation snow on Vancouver Island and the South Coast are well above normal for the date, reflecting the wet and cold late December. The Elk River (3B04) snow course at 270 metres elevation is 156% of normal, and Wolf River Lower (3B19) at 640 metres elevation is 154%

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North East Region

[Snow Survey Data Measurements](#)

January 1

Precipitation in the Peace has been above normal for November and December,

and, so, snow accumulations have been generally greater than normal at many snow courses. The snow water index for the Peace River basin is 100% of normal at January 1st. Individual snow survey sites ranging from a low of 83% at Monkman Creek (4A20) to a high of 147% at Pulpit Lake (4A09).

Precipitation in the Liard River basin was above normal during November and December. For the Liard basin, snow water equivalencies range between 80% at Dease Lake (4C03) and 132% at Sikanni Lake (4C01), with a basin average of 108%.

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North West Region

[Snow Survey Data Measurements](#)

January 1

The Skeena/Nass basins have a snow water index of 108% of normal for January 1st. For the two snow courses with the longest periods of record, Hudson Bay Mountain (4B03A), located near Smithers, is 102%, and Johanson Lake (4B02), located in the north-east corner of the basin, is 108%. The Lu Lake (4B15P) and Tsai Creek (4B17P) snow pillows are 119% and 111% of normal, respectively.

Based on a very limited survey, the Stikine basin appears to be well above normal. The Kinaskan Lake (4D11P) and Wade Lake (4D14P) snow pillows are 174% and 148% of normal, respectively.

UPPER FRASER Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| PRINCE GEORGE A | 1A10 | 690 | 29-Dec | 37 | 57 | 81% | 72 | 101 | 156 | 0T | 70 | 46 |
| PACIFIC LAKE | 1A11 | 770 | 29-Dec | 135 | 287 | 93% | 306 | 473 | 476 | 56 | 310 | 25 |
| BURNS LAKE | 1A16 | 800 | 01-Jan | 50 | 96 | 125% | 114 | 192 | 192 | 10 | 77 | 34 |
| PHILIP LAKE | 4A13 | 980 | 02-Jan | 77 | 132 | 88% | 175 | 288 | 288 | 48 | 150 | 26 |
| HEDRICK LAKE | 1A14 | 1100 | 29-Dec | 125 | 365 | 109% | 389 | - | 640 | 94 | 335 | 17 |
| HEDRICK LAKE | 1A14P | 1100 | 01-Jan | - | 378 | 120%* | - | 394 | 503 | 139 | 315* | 8 |
| KAZA LAKE | 1A12 | 1190 | 02-Jan | 83 | 192 | 101% | 174 | 220 | 371 | 108 | 190 | 23 |
| LU LAKE | 4B15P | 1310 | 01-Jan | - | 160 | 119%* | 161 | 289 | 289 | 41 | 134* | 11 |
| MOUNT SHEBA | 4A18 | 1490 | 29-Dec | 137 | 377 | 94% | 494 | 766 | 793 | 106 | 400 | 20 |
| BARKERVILLE | 1A03P | 1520 | 01-Jan | - | N | - | 128A | 158 | 312 | 38 | 168 | 28 |
| KNUDSEN LAKE | 1A15 | 1580 | 29-Dec | 130 | 422 | 103% | - | - | 821 | 125 | 410 | 17 |
| MCBRIDE (UPPER) | 1A02P | 1620 | 01-Jan | - | 220A | 97%* | 184 | 270 | 270 | 184 | 227* | 2 |
| REVOLUTION CREEK | 1A17P | 1690 | 01-Jan | - | N | - | 365A | 394 | 814 | 191 | 415 | 24 |
| LONGWORTH (UPPER) | 1A05 | 1740 | 29-Dec | 131 | 390 | 111% | 526 | 506 | 694 | 114 | 350 | 18 |
| DOME MOUNTAIN | 1A19P | 1820 | 01-Jan | - | 345 | 92%* | 341 | 413 | 413 | 341 | 377* | 2 |
| YELLOWHEAD | 1A01P | 1860 | 01-Jan | - | 259 | 76% | 278 | 349 | 428 | 184 | 340 | 12 |

A - SAMPLING PROBLEMS WERE ENCOUNTERED
B - EARLY OR LATE SAMPLING
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED
E - ESTIMATED BASED ON AREAL AVERAGE
T - PERIOD OF RECORD AVERAGE

NECHAKO Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| SKINS LAKE | 1B05 | 880 | 29-Dec | 23 | 52 | 80% | 94 | 127 | 127 | 0 | 65 | 23 |
| TAHTSA LAKE | 1B02P | 1300 | 01-Jan | - | 652 | 93% | 628 | 1155 | 1155 | 369 | 703 | 16 |
| MOUNT PONDOSY | 1B08P | 1400 | 01-Jan | - | 338 | 75% | 399 | 683 | 686 | 204 | 451 | 15 |
| MOUNT WELLS | 1B01P | 1490 | 01-Jan | - | 424 | 129% | 293 | 518 | 518 | 131 | 328 | 16 |

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T - PERIOD OF RECORD AVERAGE

MIDDLE FRASER Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| NAZKO | 1C08 | 1070 | 26-Dec | 38 | 58 | 105% | 45 | 58 | 84 | 0 | 55 | 23 |
| GRANITE MOUNTAIN | 1C33A | 1150 | 29-Dec | 60 | 112 | 112% | 83 | 108 | 158 | 26 | 100 | 16 |
| BRIDGE GLACIER (LOWER) | 1C39 | 1400 | 02-Jan | 51 | 86 | 28%* | 328 | - | 456 | 200 | 302* | 13 |
| BRALORNE | 1C14 | 1450 | 02-Jan | 25 | 38 | 42% | 97 | - | 158 | 33 | 90 | 13 |
| BOSS MOUNTAIN MINE | 1C20P | 1460 | 01-Jan | - | 266 | 83% | 394 | 315 | 461 | 184 | 320 | 15 |
| LAC LE JEUNE (UPPER) | 1C25 | 1460 | 29-Dec | 28 | 45 | 60% | 46 | 124 | 146 | 10 | 75 | 36 |
| BRENDA MINE | 2F18P | 1460 | 01-Jan | - | N | - | 174 | 208 | 304 | 100 | 186 | 14 |
| BARKERVILLE | 1A03P | 1520 | 01-Jan | - | N | - | 128A | 158 | 312 | 38 | 168 | 28 |
| YANKS PEAK EAST | 1C41P | 1670 | 01-Jan | - | 425 | 101% | 484 | 413 | 491 | 199 | 422 | 12 |
| GREEN MOUNTAIN | 1C12P | 1780 | 01-Jan | - | 192 | 44% | 491 | 750 | 750 | 268 | 440 | 15 |
| MCGILLIVRAY PASS | 1C05 | 1800 | 02-Jan | 77 | 140 | 54% | - | - | 458 | 191 | 260 | 14 |
| MISSION RIDGE | 1C18P | 1850 | 01-Jan | - | 151 | 56% | 246 | 432 | 659 | 148 | 272 | 22 |
| DOWNTON LAKE (UPPER) | 1C38 | 1890 | 02-Jan | - | N | - | 610 | - | 690 | 272 | 425 | 13 |
| TYAUGHTON CREEK (NORTH) | 1C40 | 1950 | 02-Jan | 60 | 92 | 53% | 280 | - | 364 | 132 | 175 | 12 |
| BRALORNE(UPPER) | 1C37 | 1980 | 02-Jan | 63 | 116 | 32% | 338 | - | 504 | 195 | 368 | 13 |

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T - PERIOD OF RECORD AVERAGE

LOWER FRASER Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| DICKSON LAKE | 1D16 | 1070 | 01-Jan | - | N | - | - | 1196 | 1196 | 274 | 715* | 14 |
| DOG MOUNTAIN | 3A10 | 1080 | 30-Dec | 164 | 360A | 75% | 687 | 734 | 897 | 96 | 480 | 22 |
| BEAVER PASS | W412 | 1120 | 01-Jan | - | N | - | 338 | 600A | 615 | 109 | 312* | 12 |
| KLESILKWA | 3D03A | 1130 | 01-Jan | - | N | - | 144 | 308 | 386 | 0 | 185 | 18 |
| SUZUM CREEK | 1D19P | 1180 | 01-Jan | - | 334 | 51%* | 664 | 1231 | 1231 | 326 | 656* | 10 |

| STAVE LAKE | 1D08 | 1210 | 01-Jan | - | N | - | - | - | 976 | 112 | 630 | 16 |
|------------------|-------|------|--------|---|-----|------|-----|------|------|-----|------|----|
| WAHLEACH LAKE | 1D09 | 1400 | 01-Jan | - | N | - | - | 345 | 417 | 46 | 260 | 21 |
| WAHLEACH LAKE | 1D09P | 1400 | 01-Jan | - | 250 | 48% | 448 | 634 | 777 | 235 | 520 | 16 |
| NAHATLATCH RIVER | 1D10 | 1520 | 01-Jan | - | N | - | - | 852 | 975 | 219 | 600 | 14 |
| CHILLIWACK RIVER | 1D17P | 1600 | 01-Jan | - | 420 | 64%* | 675 | 949 | 1165 | 383 | 659* | 16 |
| GREAT BEAR | 1D15P | 1660 | 01-Jan | - | N | - | 791 | 1058 | 1058 | 424 | 808 | 15 |
| TENOUILLE LAKE | 1D06P | 1680 | 01-Jan | - | 278 | 59%* | 544 | 780 | 780 | 285 | 469* | 8 |

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* - PERIOD OF RECORD AVERAGE

NORTH THOMPSON Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| BLUE RIVER | 1E01B | 670 | 04-Jan | 78 | 162 | 101% | 157 | 190 | 263 | 50 | 160 | 22 |
| COOK CREEK | 1E14P | 1280 | 01-Jan | - | 188 | 79%* | 240 | 319 | 338 | 101 | 239* | 8 |
| BOSS MOUNTAIN MINE | 1C20P | 1460 | 01-Jan | - | 266 | 83% | 394 | 315 | 461 | 184 | 320 | 15 |
| MOUNT COOK | 1E02P | 1550 | 01-Jan | - | 551 | 91%* | 881 | 638 | 881 | 439 | 606* | 7 |
| AZURE RIVER | 1E08P | 1620 | 01-Jan | - | 461 | 74% | 713 | 676 | 780 | 356 | 620 | 12 |
| KOSTAL LAKE | 1E10P | 1770 | 01-Jan | - | 420 | 93% | 551 | 401 | 590 | 271 | 453 | 24 |

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C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

SOUTH THOMPSON Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| MONASHEE PASS | 2E01 | 1370 | 03-Jan | 71 | 158 | 96% | 137 | - | 239 | 84 | 165 | 25 |
| CELISTA | 1F06P | 1500 | 01-Jan | - | 326 | 67%* | 446 | 555 | 555 | 446 | 484* | 3 |
| KIRBYVILLE LAKE | 2A25 | 1750 | 02-Jan | 193 | 496 | 80% | 706 | 737 | 854 | 351 | 620 | 24 |
| PARK MOUNTAIN | 1F03P | 1890 | 01-Jan | - | 345 | 81% | - | 390 | 632 | 256 | 427 | 22 |
| ENDERBY | 1F04 | 1900 | 31-Dec | 168 | 362 | 73% | 627 | 581 | 742 | 292 | 495 | 33 |

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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* - PERIOD OF RECORD AVERAGE

UPPER COLUMBIA Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| GLACIER | 2A02 | 1250 | 27-Dec | 103 | 255 | 78% | 347 | 409 | 519 | 147 | 328 | 38 |
| VERMONT CREEK | 2A19 | 1520 | 26-Dec | 44 | 93 | 40% | 242 | 286 | 328 | 91 | 230 | 24 |
| AZURE RIVER | 1E08P | 1620 | 01-Jan | - | 461 | 74% | 713 | 676 | 780 | 356 | 620 | 12 |
| DOWNIE SLIDE (UPPER) | 2A29 | 1630 | 02-Jan | 193 | 480 | 70% | - | 1022 | 370 | 690 | 690 | 20 |
| KICKING HORSE | 2A07 | 1650 | 30-Dec | 58 | 200 | 114% | 145 | 191 | 257 | 66 | 175 | 29 |
| KIRBYVILLE LAKE | 2A25 | 1750 | 02-Jan | 193 | 496 | 80% | 706 | 737 | 854 | 351 | 620 | 24 |
| MOUNT REVELSTOKE | 2A06P | 1830 | 01-Jan | - | N | - | - | 735 | 835 | 317 | 599 | 14 |
| FIDELITY MOUNTAIN | 2A17 | 1870 | 26-Dec | 166 | 570 | 92% | 772 | 737 | 1228 | 334 | 617 | 34 |
| BEAVERFOOT | 2A11 | 1890 | 26-Dec | 38 | 42 | 35% | 120 | 142 | 215 | 52 | 120 | 24 |
| KEYSTONE CREEK | 2A18 | 1890 | 02-Jan | 122 | 306 | 77% | 466 | 492 | 577 | 217 | 400 | 24 |
| GOLDSTREAM | 2A16 | 1920 | 02-Jan | 195 | 524 | 88% | 784 | 671 | 906 | 355 | 598 | 24 |
| BUSH RIVER | 2A23 | 1920 | 02-Jan | 118 | 298 | 67% | 476 | 610 | 722 | 216 | 442 | 24 |
| MOUNT ABBOT | 2A14 | 1980 | 30-Dec | 184 | 533 | 87% | 756 | 751 | 1065 | 298 | 615 | 24 |
| MOLSON CREEK | 2A21P | 1980 | 01-Jan | - | 458 | 82% | 690 | 754 | 1072 | 318 | 558 | 28 |
| SUNBEAM LAKE | 2A22 | 2010 | 02-Jan | 154 | 434 | 91% | 514 | 617 | 767 | 243 | 475 | 24 |

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

LOWER COLUMBIA Drainage Basin

| | Elev. | Date of | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of |
|--|-------|---------|------------|--------------|------|---------------------------------|------|------|------|--------|--------|
| | | | Snow Depth | Water Equiv. | % of | 2008 | 2007 | Max. | Min. | Normal | |

| Snow Course Name and Number | metres | Survey | cm | mm | Normal | mm | mm | mm | mm | mm | Record | |
|-----------------------------|--------|--------|--------|-----|--------|-----|-----|-----|------|-----|--------|----|
| FERGUSON | 2D02 | 880 | 31-Dec | 91 | 191 | 69% | 301 | 330 | 409 | 93 | 275 | 29 |
| FARRON | 2B02A | 1220 | 02-Jan | 78 | 152 | 98% | 126 | 193 | 330 | 40 | 155 | 24 |
| MONASHEE PASS | 2E01 | 1370 | 03-Jan | 71 | 158 | 96% | 137 | - | 239 | 84 | 165 | 25 |
| WHATSHAN (UPPER) | 2B05 | 1480 | 03-Jan | - | N | - | 276 | - | 543 | 169 | 340 | 20 |
| BARNES CREEK | 2B06 | 1620 | 03-Jan | 102 | 221 | 85% | 237 | - | 376 | 146 | 260 | 20 |
| BARNES CREEK | 2B06P | 1620 | 01-Jan | - | 233 | 84% | - | 229 | 409 | 158 | 278 | 15 |
| ST. LEON CREEK | 2B08 | 1800 | 03-Jan | - | N | - | - | - | 1164 | 325 | 613 | 17 |
| ST. LEON CREEK | 2B08P | 1800 | 01-Jan | - | 352 | 62% | 532 | 555 | 637 | 221 | 569 | 12 |
| KOCH CREEK | 2B07 | 1860 | 04-Jan | - | N | - | - | - | 452 | 170 | 365 | 15 |
| RECORD MOUNTAIN | 2B09 | 1890 | 31-Dec | 106 | 214 | 67% | 240 | 419 | 538 | 134 | 320 | 23 |
| EAST CREEK | 2D08P | 2030 | 01-Jan | - | 326 | 69% | 562 | 555 | 858 | 206 | 470 | 27 |

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E - ESTIMATED BASED ON AREAL AVERAGE

F - PERIOD OF RECORD AVERAGE

EAST KOOTENAY Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| FERNIE EAST | 2C07 | 1250 | 30-Dec | 50 | 76 | 54% | 114 | 179 | 330 | 28 | 142 | 33 |
| SULLIVAN MINE | 2C04 | 1550 | 01-Jan | 48 | 88 | 64% | 108 | 178 | 226 | 29 | 138 | 23 |
| VERMILION RIVER NO 3 | 2C20 | 1570 | 31-Dec | 64 | 126 | 90%* | 136 | 184 | 184 | 76 | 140* | 8 |
| BANFIELD MOUNTAIN | MT05P | 1710 | 01-Jan | - | 165 | 87%* | 203 | 226 | 340 | 112 | 190* | 11 |
| MOUNT JOFFRE | 2C16 | 1750 | 26-Dec | 46 | 86 | 48% | 152 | 161 | 364 | 73 | 180 | 21 |
| MORRISSEY RIDGE | 2C09Q | 1800 | 01-Jan | - | 206 | 62% | 262 | 259 | 706 | 123 | 331 | 25 |
| MOYIE MOUNTAIN | 2C10P | 1930 | 01-Jan | - | 173 | 96% | 147 | 229 | 354 | 76 | 180 | 29 |
| HAWKINS LAKE | MT06P | 1970 | 01-Jan | - | 201 | 79%* | 272 | 320 | 419 | 145 | 253* | 11 |
| THUNDER CREEK | 2C17 | 2010 | 26-Dec | 42 | 79 | 59% | 88 | - | 276 | 61 | 135 | 23 |
| FLOE LAKE | 2C14 | 2090 | 26-Dec | 102 | 277 | 65% | 418 | 454 | 747 | 181 | 425 | 24 |
| FLOE LAKE | 2C14P | 2090 | 01-Jan | - | 326 | 90% | 386 | 420 | 502 | 173 | 363 | 13 |
| HIGHWOOD SUMMIT (BUSH) | AL02 | 2210 | 30-Dec | 60 | 124 | 58%* | 144 | 227 | 399 | 97 | 214* | 16 |
| MOUNT ASSINIBOINE | 2C15 | 2230 | 26-Dec | 82 | 205 | 71% | 249 | 303 | 567 | 111 | 290 | 25 |
| SUNSHINE VILLAGE | AL05 | 2230 | 29-Dec | 102 | 232 | 91%* | 295 | 375 | 389 | 137 | 254* | 12 |

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

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E - ESTIMATED BASED ON AREAL AVERAGE

F - PERIOD OF RECORD AVERAGE

WEST KOOTENAY Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| FERGUSON | 2D02 | 880 | 31-Dec | 91 | 191 | 69% | 301 | 330 | 409 | 93 | 275 | 29 |
| NELSON | 2D04 | 930 | 05-Jan | 82 | 152 | 87% | 143 | 234 | 366 | 61 | 175 | 49 |
| CHAR CREEK | 2D06 | 1310 | 02-Jan | 112 | 215 | 86% | 216 | 274Z | 480 | 110 | 250 | 25 |
| BUNCHGRASS MEADOW | WA01P | 1520 | 01-Jan | - | 256 | 81%* | 315 | 259 | 488 | 218 | 318* | 11 |
| KOCH CREEK | 2B07 | 1860 | 04-Jan | - | N | - | - | - | 452 | 170 | 365 | 15 |
| MOUNT TEMPLEMAN | 2D09 | 1860 | 26-Dec | - | N | - | - | 570 | 902 | 277 | 530 | 18 |
| EAST CREEK | 2D08P | 2030 | 01-Jan | - | 326 | 69% | 562 | 555 | 858 | 206 | 470 | 27 |
| REDFISH CREEK | 2D14P | 2104 | 01-Jan | - | 357 | 64%* | 713 | 721 | 721 | 401 | 562* | 7 |

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

F - PERIOD OF RECORD AVERAGE

KETTLE Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| FARRON | 2B02A | 1220 | 02-Jan | 78 | 152 | 98% | 126 | 193 | 330 | 40 | 155 | 24 |
| MONASHEE PASS | 2E01 | 1370 | 03-Jan | 71 | 158 | 96% | 137 | - | 239 | 84 | 165 | 25 |
| GRANO CREEK | 2E07P | 1860 | 01-Jan | - | 169 | 74%* | 191 | 289 | 315 | 143 | 227* | 11 |

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C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

F - PERIOD OF RECORD AVERAGE

OKANAGAN Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| SUMMERLAND RESERVOIR | 2F02 | 1280 | 29-Dec | 45 | 69 | 61% | 99 | 153 | 198 | 42 | 114 | 45 |
| TROUT CREEK | 2F01 | 1430 | 30-Dec | 34 | 62 | 68%* | 91 | - | 91 | 91 | 91* | 1 |
| BRENDA MINE | 2F18P | 1460 | 01-Jan | - | N | - | 174 | 208 | 304 | 100 | 186 | 14 |
| GREYBACK RESERVOIR | 2F08 | 1550 | 05-Jan | 44 | 101 | 88% | 752 | 104 | 181 | 56 | 115 | 26 |
| SINTOK LAKE | 2F11 | 1680 | 30-Dec | 29 | 53 | 62% | 52 | 81 | 196 | 16 | 86 | 43 |
| MISSION CREEK | 2F05P | 1780 | 01-Jan | - | 173 | 80% | 191A | 203 | 364 | 104 | 215 | 38 |
| GRAYSTOKE LAKE | 2F04 | 1810 | - | - | - | - | - | 122 | 278 | 96 | 165* | 4 |
| MOUNT KOBAY | 2F12 | 1810 | 03-Jan | 44 | 94 | 65% | 72 | 255 | 261 | 28 | 144 | 32 |

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SIMILKAMEEN Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| MISSEZULA MOUNTAIN | 2G05 | 1550 | 28-Dec | 27 | 39 | 39%* | 96 | 157 | 197 | 21 | 99* | 16 |
| SINTOK LAKE | 2F11 | 1680 | 30-Dec | 29 | 53 | 62% | 52 | 81 | 196 | 16 | 86 | 43 |
| BLACKWALL PEAK | 2G03P | 1940 | 01-Jan | - | 221 | 56% | 398 | 634 | 923 | 108 | 397 | 39 |
| HARTS PASS | WA09P | 1980 | 01-Jan | - | 322 | 70%* | 500 | 719 | 737P | 234 | 457* | 11 |

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SOUTH COASTAL Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| DOG MOUNTAIN | BA10 | 1080 | 30-Dec | 164 | 360A | 75% | 687 | 734 | 897 | 96 | 480 | 22 |
| GROUSE MOUNTAIN | BA01 | 1100 | 31-Dec | 168 | 370A | 77% | 740 | 750 | 878 | 24 | 480 | 28 |
| ORCHID LAKE | BA19 | 1190 | - | - | - | 901 | 1360 | 1360 | 202 | 750 | 25 | |
| UPPER SQUAMISH RIVER | BA25P | 1340 | 01-Jan | - | 416 | 57% | 671 | 960 | 1072 | 454 | 730 | 17 |
| NOSTETUKO RIVER | BA22P | 1500 | 01-Jan | - | N | - | 264A | 522 | 524 | 32 | 256* | 17 |
| UPPER MOSELY CREEK | BA24P | 1650 | 01-Jan | - | 203 | 107%* | 188A | 274 | 491 | 85 | 189* | 20 |

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E - ESTIMATED BASED ON AREAL AVERAGE
* - PERIOD OF RECORD AVERAGE

VANCOUVER ISLAND Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| ELK RIVER | 3B04 | 270 | 02-Jan | 50 | 109 | 156% | 112 | 113 | 264 | 0 | 70 | 24 |
| WOLF RIVER (LOWER) | 3B19 | 640 | 02-Jan | 85 | 154 | 154% | 282 | 372 | 372 | 0 | 100 | 19 |
| WOLF RIVER (MIDDLE) | 3B18 | 1070 | 02-Jan | 92 | 168 | 62% | 336 | 578 | 590 | 0 | 270 | 20 |
| FORBIDDEN PLATEAU | 3B01 | 1130 | 02-Jan | 129 | 299 | 47% | 1162 | 1176 | 1287 | 0 | 630 | 26 |
| JUMP CREEK | 3B23P | 1160 | 01-Jan | - | 304 | 71% | 499 | 1024 | 1024 | 60 | 428 | 13 |
| WOLF RIVER (UPPER) | 3B17P | 1490 | 01-Jan | - | 265 | 45% | 594 | 978 | 1057 | 150 | 595 | 20 |

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* - PERIOD OF RECORD AVERAGE

NORTH COASTAL Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| TAHTSA LAKE | 1B02P | 1300 | 01-Jan | - | 652 | 93% | 628 | 1155 | 1155 | 369 | 703 | 16 |
| BURNT BRIDGE CREEK | 3C08P | 1330 | 01-Jan | - | 525A | 119%* | 484A | 611 | 611 | 131 | 442* | 10 |

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SKAGIT Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| FREEZEOUT CREEK TRAIL | WA11 | 1070 | 01-Jan | - | N | - | 163 | 213 | 259 | 0T | 135* | 11 |
| BEAVER PASS | WA12 | 1120 | 01-Jan | - | N | - | 338 | 600A | 615 | 109 | 312* | 12 |
| KLESILKWA | 3D03A | 1130 | 01-Jan | - | N | - | 144 | 308 | 386 | 0 | 185 | 18 |
| HARTS PASS | WA09 | 1980 | 01-Jan | - | N | - | 592 | 762 | 762 | 287 | 553* | 8 |
| HARTS PASS | WA09P | 1980 | 01-Jan | - | 322 | 70%* | 500 | 719 | 737P | 234 | 457* | 11 |

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 * - PERIOD OF RECORD AVERAGE

PEACE Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| FORT ST. JOHN A | HA25 | 690 | 26-Dec | 35 | 56 | 98% | - | 106 | 134 | 0 | 57 | 32 |
| PACIFIC LAKE | HA11 | 770 | 29-Dec | 135 | 287 | 93% | 306 | 473 | 476 | 56 | 310 | 25 |
| WARE (LOWER) | HA04 | 980 | 04-Jan | 60 | 116 | 116% | 106 | 118 | 240 | 52 | 100 | 18 |
| PHILIP LAKE | HA13 | 980 | 02-Jan | 77 | 132 | 88% | 175 | 288 | 288 | 48 | 150 | 26 |
| AIKEN LAKE | HA30P | 1040 | 01-Jan | - | 150 | 109% | 116A | - | 262 | 71 | 138 | 19 |
| TUTIZZI LAKE | HA06 | 1070 | 02-Jan | 67 | 138 | 102% | 113 | 200 | 200 | 72 | 135 | 18 |
| TSAYDAYCHI LAKE | HA12 | 1160 | 02-Jan | 85 | 182 | 85% | 248 | 366 | 393 | 128 | 215 | 25 |
| KAZA LAKE | HA12 | 1190 | 02-Jan | 83 | 192 | 101% | 174 | 220 | 371 | 108 | 190 | 23 |
| PULPIT LAKE | HA09 | 1310 | 04-Jan | 117 | 324 | 147% | 263 | 289 | 398 | 130 | 220 | 20 |
| PULPIT LAKE | HA09P | 1310 | 01-Jan | - | 351 | 145% | 262 | 271 | 344 | 155 | 242 | 17 |
| FREDRICKSON LAKE | HA10 | 1310 | 02-Jan | 63 | 132 | 102% | 125 | 150 | 250 | 54 | 130 | 19 |
| PINE PASS | HA02P | 1400 | 01-Jan | - | N | - | 585 | 628 | 1016 | 241 | 543 | 19 |
| TRYGVE LAKE | HA11 | 1400 | 02-Jan | 93 | 238 | 122% | - | 276 | 299 | 126 | 195 | 20 |
| SIKANNI LAKE | HA01 | 1400 | 04-Jan | 81 | 191 | 132% | 137 | 188 | 257 | 44 | 145 | 25 |
| PINE PASS | HA02 | 1400 | 01-Jan | - | N | - | 585 | 628 | 1016 | 241 | 543 | 19 |
| MORFEE MOUNTAIN | HA16 | 1450 | 05-Jan | 164 | 416 | 92% | 462 | 555 | 710 | 199 | 450 | 13 |
| LADY LAURIER LAKE | HA07 | 1460 | 04-Jan | 115 | 292 | 108% | 343 | 443 | 472 | 140 | 270 | 24 |
| MOUNT SHEBA | HA18 | 1490 | 29-Dec | 137 | 377 | 94% | 494 | 766 | 793 | 106 | 400 | 20 |
| GERMANSEN (UPPER) | HA05 | 1500 | 02-Jan | 77 | 194 | 100% | - | 273 | 364 | 93 | 194 | 25 |
| MOUNT STEARNS | HA21 | 1500 | 04-Jan | 49 | 97 | 121% | 72 | 136 | 151 | 14 | 80 | 19 |
| JOHANSON LAKE | HA02 | 1540 | 02-Jan | 74 | 172 | 108% | 132 | 213 | 282 | 84 | 160 | 25 |
| MONKMAN CREEK | HA20 | 1550 | 29-Dec | 84 | 225 | 83% | - | - | 546 | 107 | 270 | 14 |
| WARE (UPPER) | HA03 | 1570 | 04-Jan | 71 | 163 | 112% | 153 | 190 | 248 | 64 | 145 | 19 |
| KWADACHA RIVER | HA27P | 1620 | 01-Jan | - | 176 | 102%* | 176 | 176 | 307 | 86 | 173* | 22 |

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LIARD Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| DEASE LAKE | HA03 | 820 | 01-Jan | 52 | 57 | 80% | 41 | 66 | 150 | 20 | 71 | 41 |
| DEADWOOD RIVER | HA09P | 1300 | 01-Jan | - | 91 | 125%* | - | 101 | 211 | 15 | 73* | 12 |
| SIKANNI LAKE | HA01 | 1400 | 04-Jan | 81 | 191 | 132% | 137 | 188 | 257 | 44 | 145 | 25 |

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 E - ESTIMATED BASED ON AREAL AVERAGE
 * - PERIOD OF RECORD AVERAGE

SKEENA/NASS Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|---|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| GRANDUC MINE | HA12P | 790 | 01-Jan | - | 1152 | 141%* | 631A | - | 1065 | 631A | 817* | 5 |

| | | | | | | | | | | | | |
|-----------------|-------|------|--------|-----|-----|-------|-----|-----|-----|-----|------|----|
| CEDAR-KITEEN | #B18P | 885 | 01-Jan | - | 473 | 160%* | 319 | 462 | 521 | 83 | 295* | 8 |
| KAZA LAKE | #A12 | 1190 | 02-Jan | 83 | 192 | 101% | 174 | 220 | 371 | 108 | 190 | 23 |
| LU LAKE | #B15P | 1310 | 01-Jan | - | 160 | 119%* | 161 | 289 | 289 | 41 | 134* | 11 |
| LU LAKE | #B15P | 1310 | 01-Jan | - | 160 | 119%* | 161 | 289 | 289 | 41 | 134* | 11 |
| TSAI CREEK | #B17P | 1360 | 01-Jan | - | 654 | 111%* | 694 | 908 | 908 | 390 | 589* | 10 |
| TRYGVE LAKE | #A11 | 1400 | 02-Jan | 93 | 238 | 122% | - | 276 | 299 | 126 | 195 | 20 |
| HUDSON BAY MTN. | #B03A | 1480 | 29-Dec | 107 | 290 | 102% | 291 | 360 | 470 | 135 | 283 | 33 |
| SHEDIN CREEK | #B16P | 1480 | 01-Jan | - | 530 | 126%* | 443 | 398 | 551 | 266 | 419* | 12 |
| JOHANSON LAKE | #B02 | 1540 | 02-Jan | 74 | 172 | 108% | 132 | 213 | 282 | 84 | 160 | 25 |

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* - PERIOD OF RECORD AVERAGE

STIKINE/TAKU Drainage Basin

| Snow Course Name and Number | Elev. metres | Date of Survey | Jan 2009 | | | Historic, Water Equivalent (mm) | | | | | Yrs of Record | |
|-----------------------------|--------------|----------------|---------------|-----------------|-------------|---------------------------------|---------|---------|---------|-----------|---------------|----|
| | | | Snow Depth cm | Water Equiv. mm | % of Normal | 2008 mm | 2007 mm | Max. mm | Min. mm | Normal mm | | |
| DEASE LAKE | #C03 | 820 | 01-Jan | 52 | 57 | 80% | 41 | 66 | 150 | 20 | 71 | 41 |
| KINASKAN LAKE | #D11P | 1020 | 01-Jan | - | 332 | 174%* | 127A | 266 | 378 | 104 | 191* | 17 |
| TUMEKA CREEK | #D10P | 1220 | 01-Jan | - | 406 | 122%* | - | 353 | 591 | 180 | 333* | 14 |
| WADE LAKE | #D14P | 1370 | 01-Jan | - | 279 | 148%* | 201A | 172 | 344 | 91 | 189* | 17 |

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C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

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