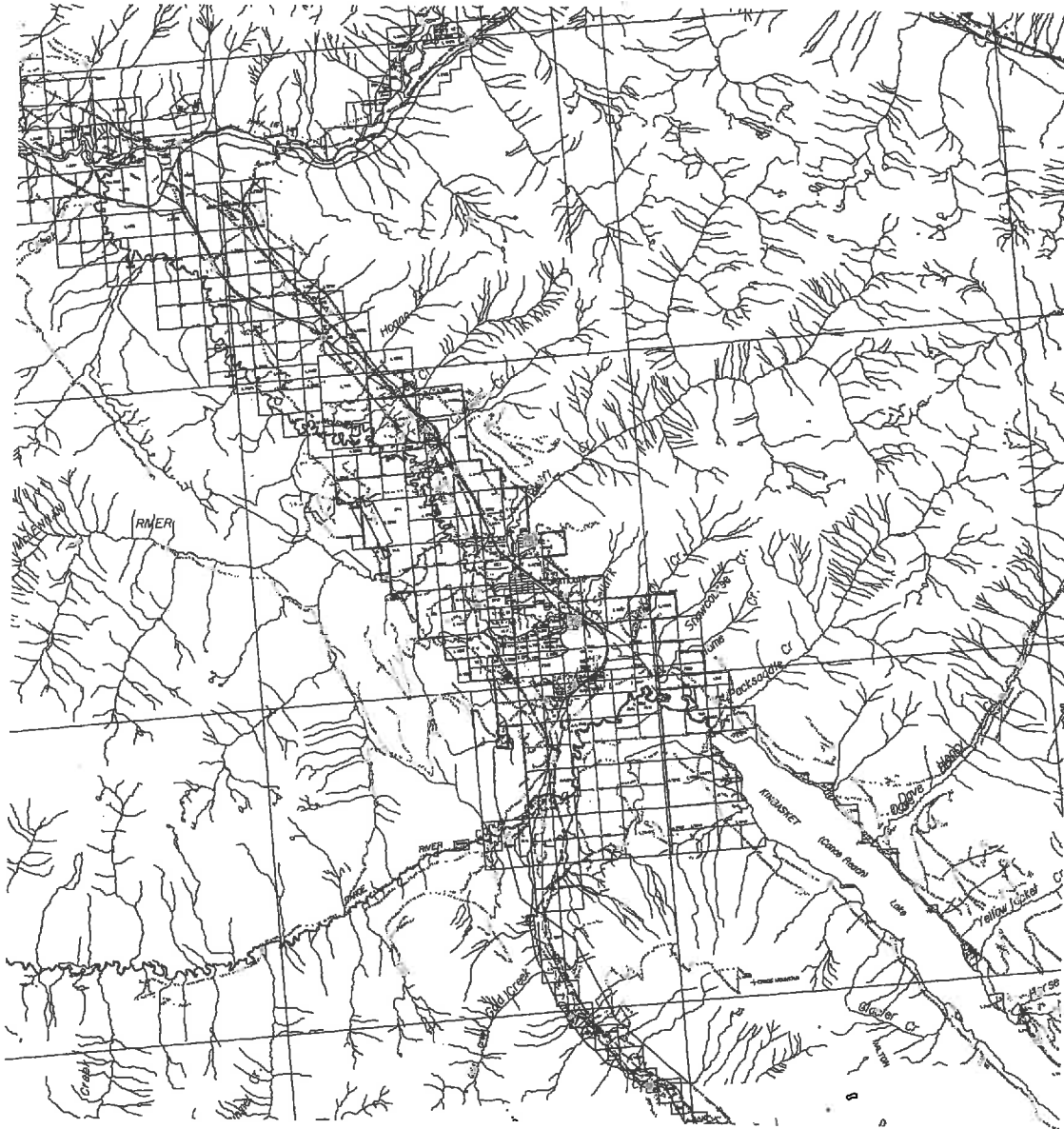


Appendix

1

Appendix 1

Valemount Fire Risk Analysis and Protection Planning Area Overview Map



Scale 1:200,000
Km 2 1 0 2 4 6 8 Km



Appendix

2

APPENDIX 2 – Procedures for Reporting a Forest Fire

[Ministry Home](#)

[Protection Branch Home](#)

Protection Branch

Ministry of Forests

[Branches](#)

[Search this Site](#)

[Feedback](#)

[Telephone / Address](#)

[Back](#)

REPORTING FOREST FIRES

British Columbia has over 95 million hectares of forests, or approximately one million square kilometres. There can be over 2,500 forest fires throughout the province in an average year. Lightning accounts for approximately half of these fires and the other half is due to human activities.

The Forest Service has many ways to locate and detect fires, including lightning locators, air patrols and lookout towers, but nearly one third of all fires are detected and reported by the general public. Every fire season in British Columbia the toll-free number for reporting forest fires (1-800-663-5555 or *5555 on most cellular networks) is displayed on road signs, on Ministry of Forests trucks and throughout the media. Wildfire reports to this number have resulted in immeasurable savings in property damage, forest resources and fire suppression dollars.

[Top](#)

What will happen if you see a fire that appears to be unattended, and call to report it? The more information you have and the better you can answer the following types of questions, the easier it is for the Fire Centres and fire crews to locate and action the fire.

1. An agent at the Provincial Forest Fire Reporting Centre (PFFRC) at Protection headquarters in Victoria will answer your call.
2. The agent will ask for your phone number, and enter it into an Initial Phone Report form that is part of the computerized Dispatch System. The telephone exchange plots crosshairs on a map of the province and moves to the caller's location. This automatically tells the agent which of the Fire Centres will take responsibility for fire response:
 - . Coastal (including Vancouver Island, the Lower Mainland, and Central Coast Regions)
 - . Kamloops (including the Kamloops, Okanagan, and Merritt Regions)
 - . Southeast (including Kootenay, Boundary, and Columbia Regions)
 - . Prince George (including the areas North and East of Prince George)
 - . Cariboo (including Williams Lake, the Cariboo, and Chilcoltin Regions)
 - . Northwest (including Smithers, Terrace, and locations further north)
3. The agent will take your name and ask if you are able to remain near your telephone for the next 20 minutes in the event the Fire Centre requires more information.
4. You will then be asked the exact location of the fire. If possible use geographic place names (creeks, mountains, etc). This assists the PFFRC agent in plotting the fire on the specialized electronic map. If you are unfamiliar with the area, compass references (north, south, east and west) when describing which way you are looking or traveling are useful. Your description of the location should include how the fire can be accessed. This is especially important if there does not appear to be any roads near the fire.
5. The agent now gathers details about the fire and its behaviour:
 - . Fuel: What is the fire burning? Trees, grass, brush, other;

Appendix

3

Appendix 3

REGIONAL DISTRICT OF FRASER-FORT GEORGE

BYLAW NO. 1163

COPY

A BYLAW TO ESTABLISH A FIRE PROTECTION LOCAL SERVICE WITHIN THE VILLAGE OF VALEMOUNT AND ELECTORAL AREA H OF THE REGIONAL DISTRICT OF FRASER-FORT GEORGE

WHEREAS the Regional District has, by Division 30 of supplementary Letters Patent, acquired the function of fire protection with the Village of Valemount and a defined area of Electoral Area H as participating member municipalities;

AND WHEREAS, the Regional District desires to convert the said fire protection function to a local service in accordance with Section 788 of the Municipal Act;

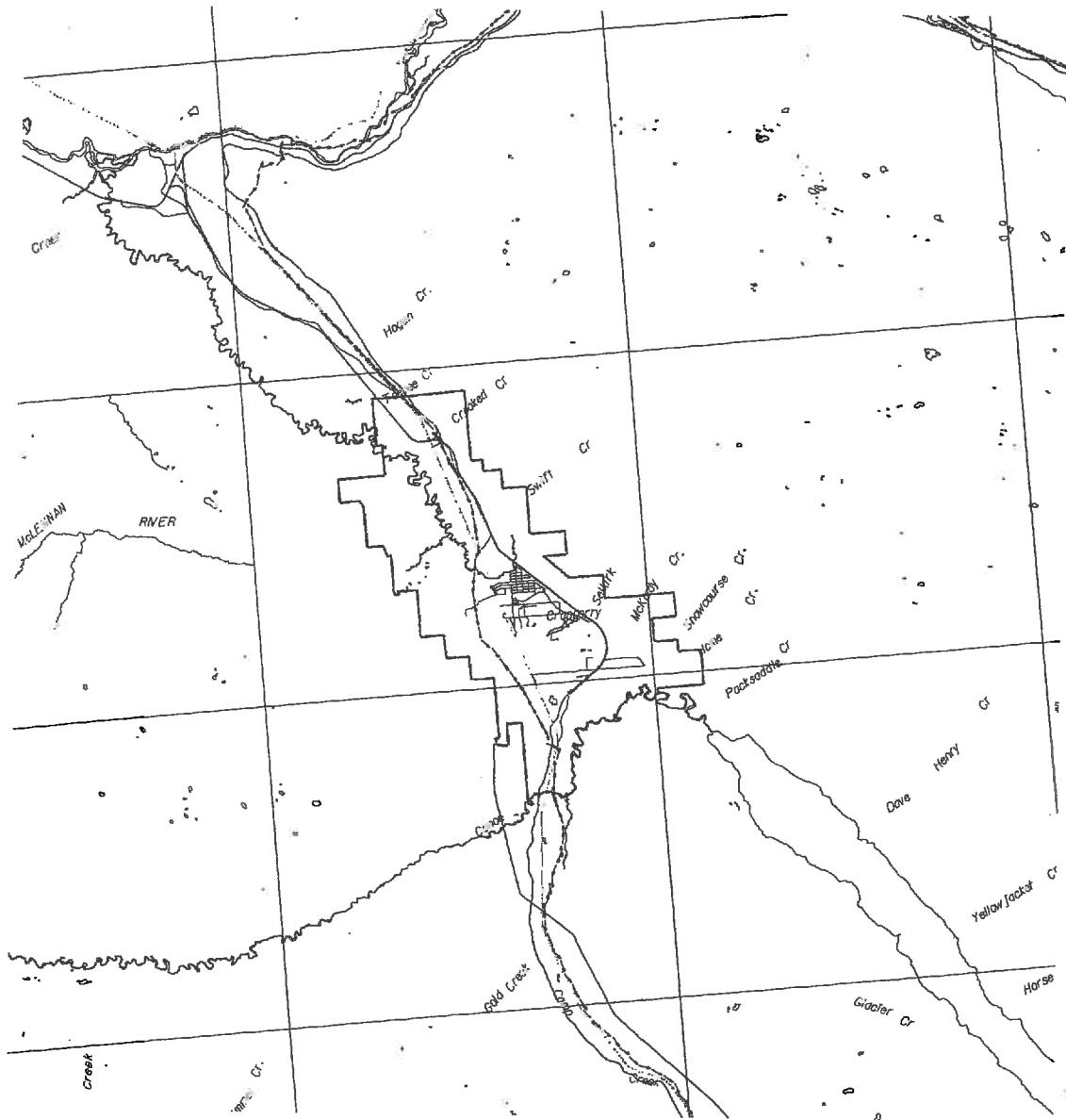
AND WHEREAS the Regional District has received the assent of the electors to extend the boundaries of the fire protection area.

NOW THEREFORE the Board of Directors of the Regional District of Fraser-Fort George, in open meeting assembled, enacts as follows:

1. The fire protection function acquired under Division 30, of supplementary Letters Patent is hereby established as a local service for the Village of Valemount and that portion of Electoral Area H shown outlined in bold on Appendix "A", attached to and forming part of this bylaw, to be known hereafter as the Valemount & District, Fire Protection Local Service Area.
2. The Regional District may undertake and carry out, or cause to be carried out, fire protection in and for the said local service area and do all things necessary or convenient in connection therewith including, without limiting the generality of the, foregoing, establishing a fire department and making provision for the appointment of such personnel to the fire department as is considered necessary for the purpose of:
 - (1) controlling and suppressing outbreaks of fire and responding to fire emergencies or perceived fire emergencies;
 - (2) rescuing and providing emergency medical assistance, where necessary, to victims of fires, accidents, disasters, and other unforeseen occurrences; and
 - (3) carrying out and enforcing such fire prevention programs as may be authorized.
3. The net cost of providing a fire protection service within the Valemount and District Fire Protection Local Service Area shall be apportioned among the participating areas on the basis of the converted value of land and improvements and recovered by a property value tax levied against the net taxable value of land and improvements.

Appendix 3

Valemount Fire Protection Boundary Map



Scale 1:200,000
Km 2 1 0 2 4 6 8 Km



Appendix

4

Appendix 4 Valemount Meteorological Data

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE

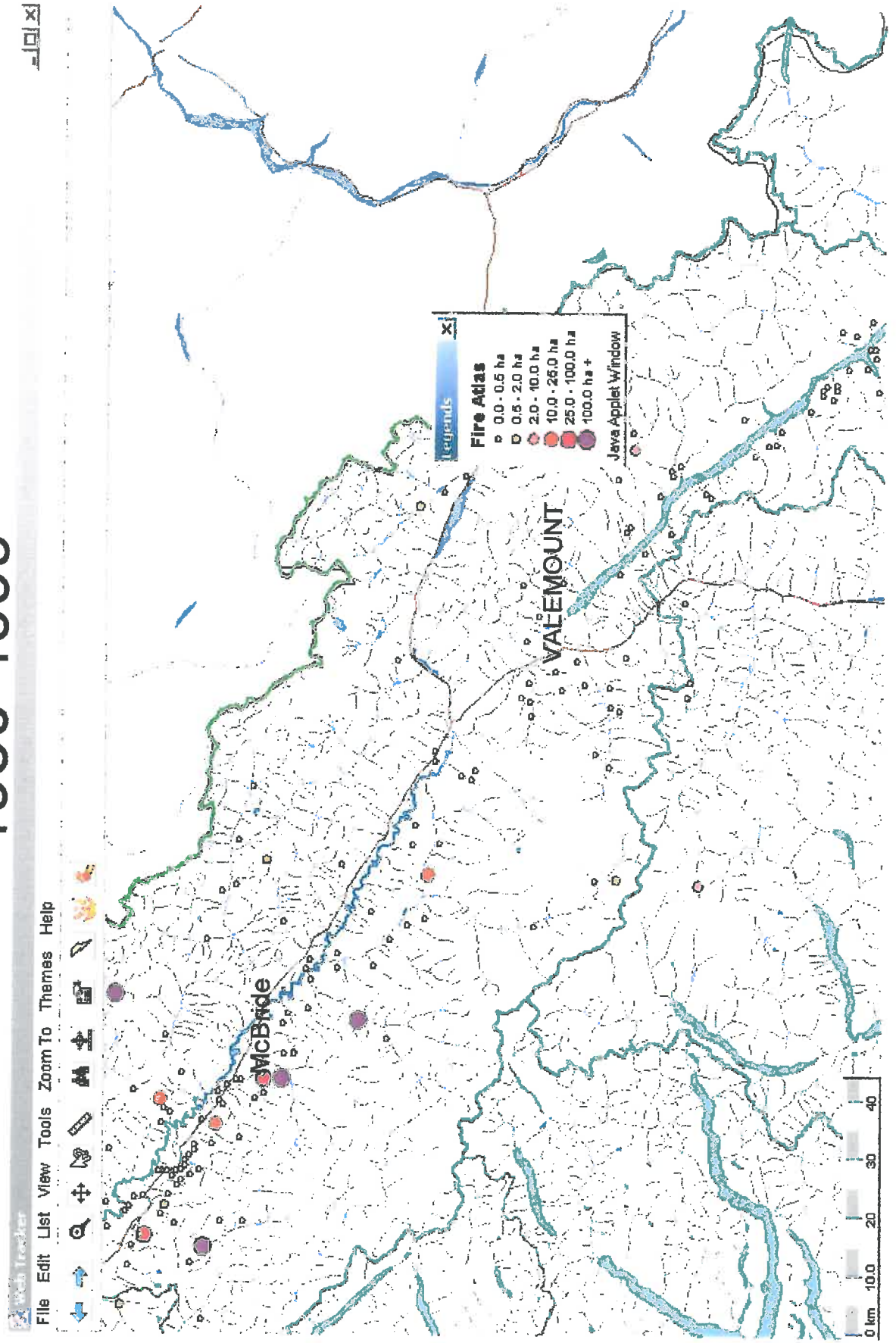
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	CODE
	JAN	FÉV	MAR	AVR	MAI	JUIN	JUIL	AOÛT	SEPT	OCT	NOV	DÉC	ANNÉE	COG.
VALEMOUNT 52° 49' N 110° 15' W 797 m														
Daily Maximum Temperature	-6.7	-0.5	4.0	10.4	17.5	20.6	24.0	22.6	16.7	9.1	0.8	-4.5	9.5	3
Daily Minimum Temperature	-15.2	-10.0	-7.1	-3.2	2.2	5.7	7.8	6.8	3.3	-0.1	-5.1	-11.2	-2.3	3
Daily Temperature	-11.0	-5.3	-1.5	4.3	9.9	13.2	15.8	14.7	10.1	4.5	-2.3	-7.9	3.7	3
Standard Deviation, Daily Temperature	4.0	3.0	2.6	1.2	2.0	1.7	1.3	1.7	1.0	1.4	3.3	3.7	1.0	3
Extreme Maximum Temperature	10.5	12.2	22.8	30.5	35.0	35.8	40.6	37.2	33.0	26.1	13.9	12.9	40.6	3
Years of Record	61	61	61	61	59	59	59	60	53	53	58	59	59	3
Extreme Minimum Temperature	-48.9	-46.7	-41.1	-24.4	-10.0	-7.2	-3.9	-6.7	-12.8	-26.1	-37.8	-51.1	-51.1	3
Years of Record	61	61	60	57	57	58	58	58	58	58	58	58	58	3
Rainfall	5.2	7.5	7.7	20.4	29.5	45.5	42.2	42.4	52.2	47.8	15.0	8.7	32.1	3
Snowfall	52.7	31.7	17.0	10.1	0.9	0.0	0.0	0.0	0.2	5.0	25.6	56.3	160.3	3
Total Precipitation	58.1	39.2	24.7	30.5	30.5	45.5	42.2	42.4	52.6	52.8	41.0	42.9	563.1	3
Standard Deviation, Total Precipitation	39.3	28.2	16.3	21.5	21.7	23.2	23.2	20.8	23.9	26.3	23.5	25.0	96.5	3
Greatest Rainfall in 24 hours	18.3	22.1	14.5	22.8	48.5	41.4	31.2	32.5	31.0	38.1	41.1	41.1	61.7	3
Years of Record	51	50	58	55	52	51	56	57	58	49	53	58	58	3
Greatest Snowfall in 24 hours	43.9	37.6	22.9	30.5	5.0	0.0	0.0	0.0	12.7	20.0	40.7	73.7	73.7	3
Years of Record	58	58	57	56	45	49	58	60	57	51	53	53	53	3
Greatest Precipitation in 24 hours	43.0	37.6	22.9	30.5	48.5	41.4	31.2	32.5	31.0	38.1	41.1	41.1	73.7	3
Years of Record	58	58	57	56	45	49	58	60	57	51	53	53	53	3
Days with Rain	1	1	2	5	9 ^{sup}	11	11	12	11	11	5	5	80	3
Days with Snow	12	7	6	3	0	0	0	0	1	1	6	9	44	3
Days with Precipitation	13	8	8	7	9	11	11	12	11	12	10	10	121	3

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	CODE
	JAN	FÉV	MAR	AVR	MAI	JUIN	JUIL	AOÛT	SEPT	OCT	NOV	DÉC	ANNÉE	COG.
VALEMOUNT BCFS 52° 50' N 110° 16' W 792 m														
Daily Maximum Temperature	-6.6	0.1	4.4	10.7	17.5	20.6	24.0	22.6	17.6	9.4	0.7	-3.6	9.4	8
Daily Minimum Temperature	-17.2	-11.0	-7.1	-3.2	2.2	5.7	7.8	6.8	3.3	-0.9	-6.8	-11.2	-2.3	8
Daily Temperature	-11.9	-5.8	-1.5	4.2	9.9	13.2	15.8	14.8	10.2	4.3	-3.0	-7.9	3.7	8
Standard Deviation, Daily Temperature	2.4	3.4	2.1	1.6	2.2	0.9	1.2	1.5	1.3	1.4	2.6	3.8	0.7	8
Extreme Maximum Temperature	7.0	9.0	14.0	24.0	28.9	31.1	35.8	26.1	27.2	24.0	14.4	3.5	36.1	8
Years of Record	61	61	61	61	59	59	59	60	53	53	58	59	59	8
Extreme Minimum Temperature	-43.9	-44.4	-41.1	-24.4	-10.0	-7.2	-3.9	-6.7	-12.8	-26.1	-37.8	-51.1	-51.1	8
Years of Record	61	61	60	57	57	58	58	58	58	58	58	58	58	8
Rainfall	6.5	7.8	10.2	22.5	30.5	45.5	42.2	42.4	52.2	47.8	15.1	8.7	32.1	8
Snowfall	45.3	28.0	13.5	9.9	0.9	0.0	0.0	0.0	0.0	5.0	25.6	56.3	160.3	8
Total Precipitation	51.8	34.8	23.9	28.8	28.8	45.5	42.2	42.4	52.2	52.8	41.1	42.9	563.1	8
Standard Deviation, Total Precipitation	41.9	27.2	17.7	18.2	11.6	27.0	23.0	21.4	23.1	23.7	22.5	16.8	76.4	8
Greatest Rainfall in 24 hours	14.2	3.3	16.5	12.4	12.7	41.7	22.5	22.1	24.9	28.2	19.2	53.6	41.7	5
Years of Record	10	0	0	0	3	9	7	7	9	9	10	7	7	8
Greatest Snowfall in 24 hours	40.6	30.5	20.3	13.7	4.3	0.0	0.0	0.0	4.3	28.4	24.9	40.6	40.6	8
Years of Record	8	9	6	6	10	11	11	11	11	10	10	10	10	8
Greatest Precipitation in 24 hours	40.6	30.5	27.9	16.9	12.7	41.7	22.1	22.1	24.9	28.2	19.2	53.6	41.7	5
Years of Record	8	8	5	6	6	9	7	7	9	9	10	7	7	8
Days with Rain	1	1	2	5	9	11	11	12	11	11	5	5	80	8
Days with Snow	10	6	6	3	0	0	0	0	1	1	6	9	44	8
Days with Precipitation	11	7	8	7	9	11	11	12	11	11	10	10	121	8

Appendix

5

ROBSON VALLEY LIGHTNING FIRES 1950-1999



VALEMOUNT AREA LIGHTNING FIRES 1950-1999

