



bulkley valley - lakes district airshed management society

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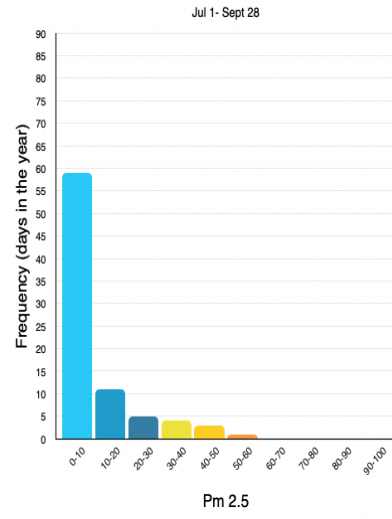
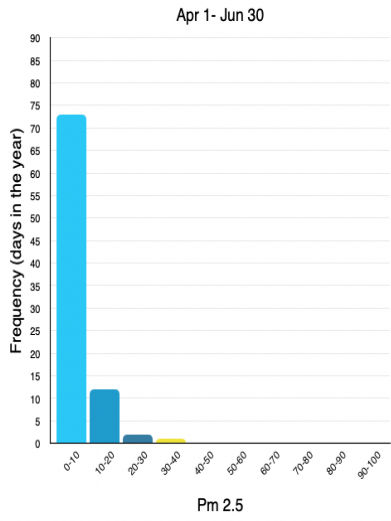
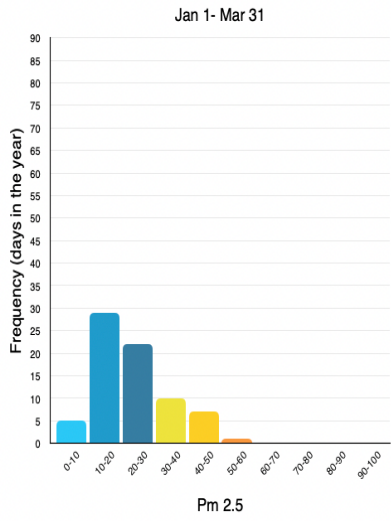
A preliminary presentation of purple air numbers from Sep 2022 - Sept 2023 compared to the BCCDC Air Quality Health Index. This is for illustration of seasonal realities, the figures are raw PM_{2.5}, not corrected for sensor calibration or UNBC indexes.

This is the BCCDC Air Quality Health Index

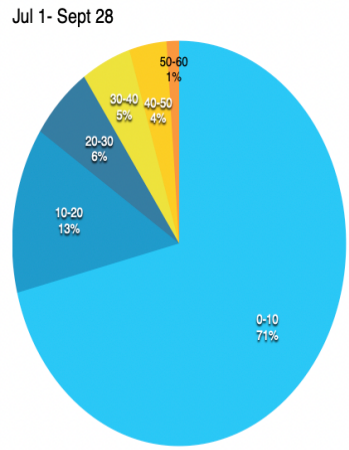
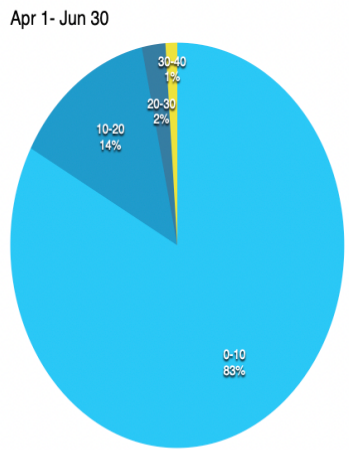
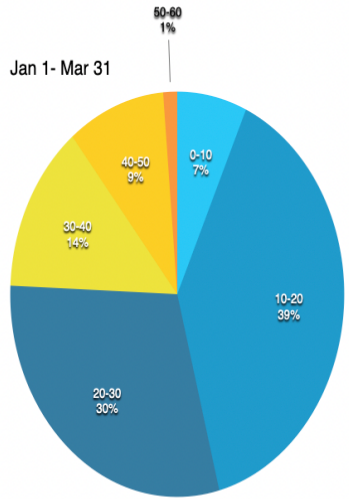
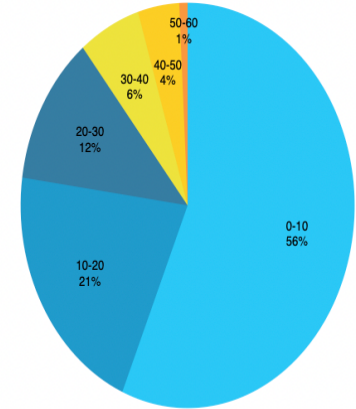
1-HOUR PM _{2.5} ($\mu\text{g}/\text{m}^3$)	PROVINCIAL AQHI	AQHI RISK CATEGORY	HEALTH MESSAGE FOR PEOPLE AT HIGHER RISK	HEALTH MESSAGE FOR GENERAL POPULATION	ACTIONS TO REDUCE WILDFIRE SMOKE EXPOSURE
0 – 10	1	LOW	Enjoy your usual outdoor activities.	Ideal air quality for outdoor activities.	Normal air quality in British Columbia
11 – 20	2				
21 – 30	3				
31 – 40	4	MODERATE	Consider reducing or rescheduling strenuous activities outdoors if you experience symptoms.	No need to modify your usual outdoor activities unless you experience symptoms.	<ul style="list-style-type: none"> Use a portable air cleaner to reduce smoke in your home Stay inside with doors and windows closed, but keep cool – being too hot is more risky than breathing smoke for most people
41 – 50	5				
51 – 60	6				
61 – 70	7	HIGH	Reduce or reschedule strenuous activity outdoors.	Consider reducing or rescheduling strenuous activities outdoors if you experience symptoms.	<ul style="list-style-type: none"> Visit places with cleaner and cooler air, such as libraries, community centres, and shopping malls
71 – 80	8				
81 – 90	9				
91 – 100	10				
101+	10+	VERY HIGH	Avoid strenuous activity outdoors.	Reduce or reschedule strenuous activity outdoors, especially if you experience symptoms.	<ul style="list-style-type: none"> If you cannot access cleaner air, consider using a well-fitted N95 respirator or relocating to an area with less smoke

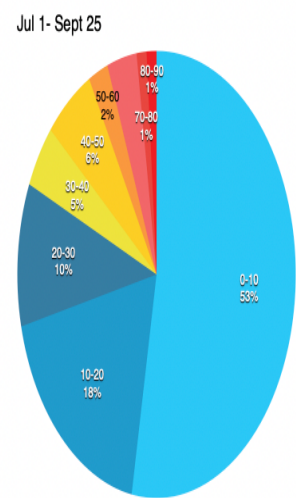
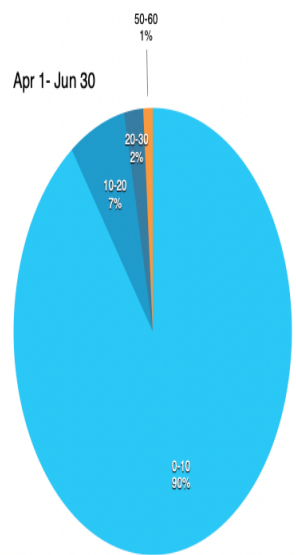
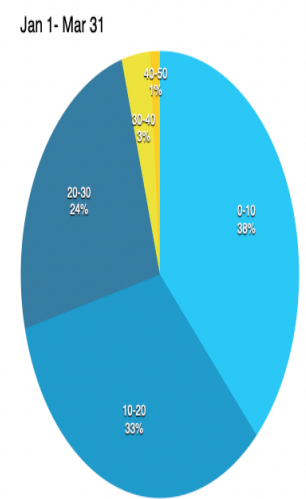
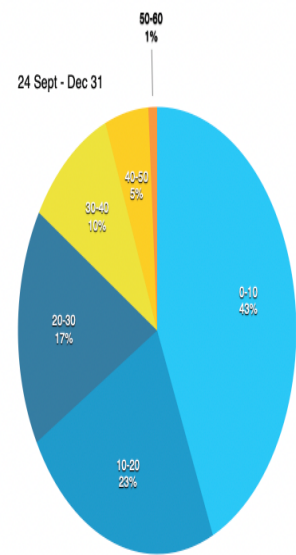
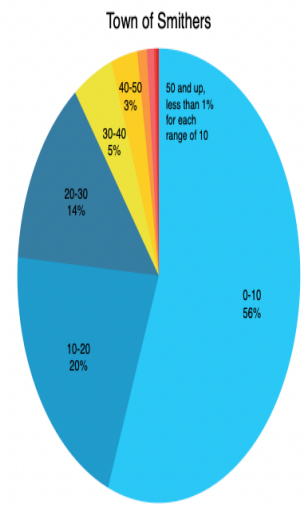
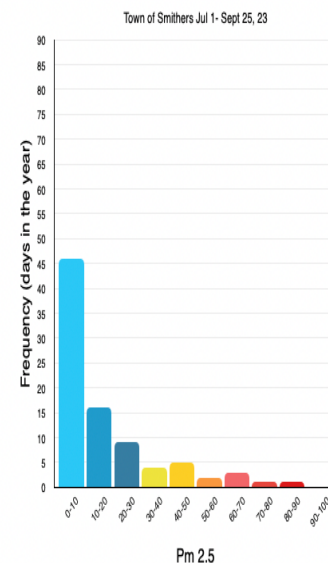
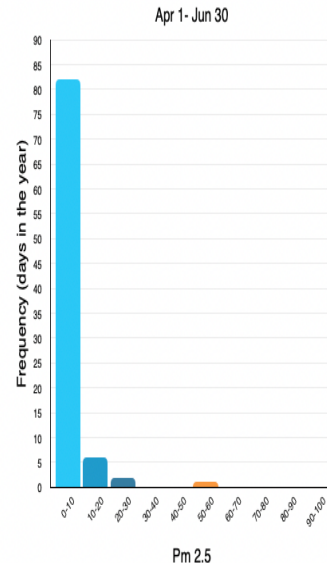
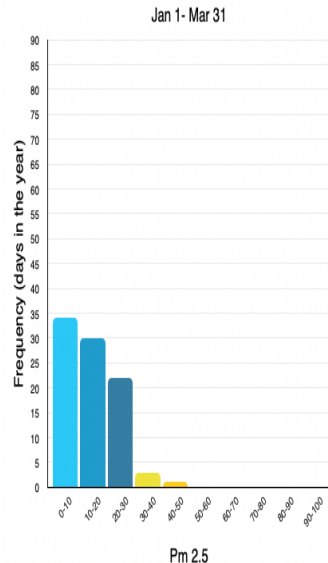
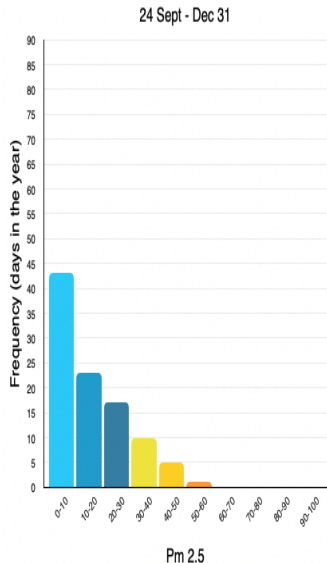
TABLE 1: 1-hour concentrations of fine particulate matter (PM_{2.5}) can be used to estimate the Air Quality Health Index (AQHI) in British Columbia.

GITANYOW - sept 2022 to sept 2023, purple air data for illustration, bold
ams

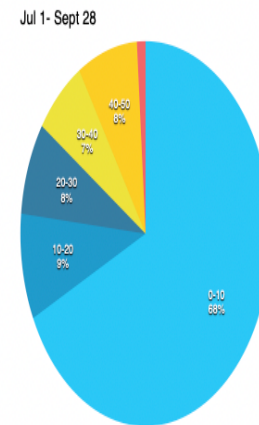
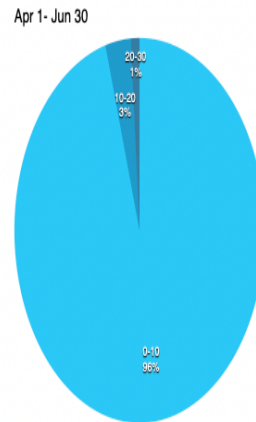
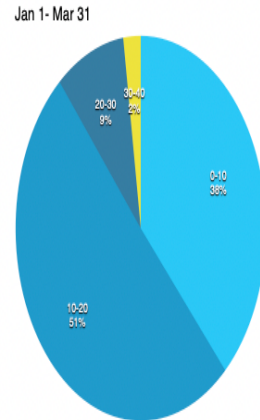
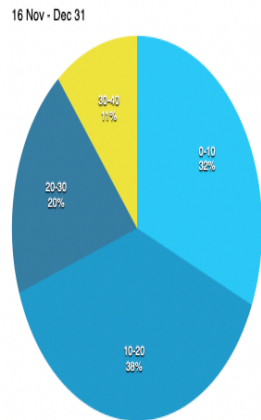
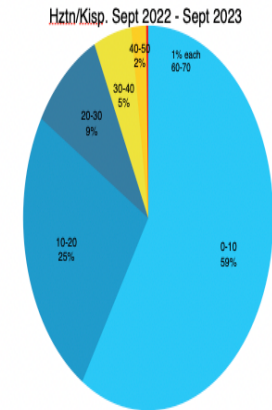
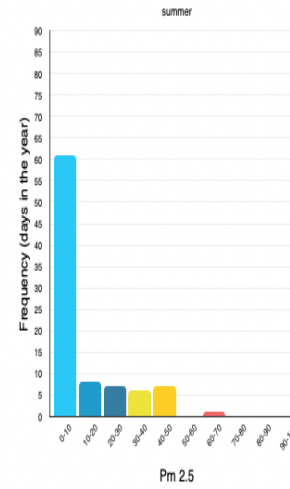
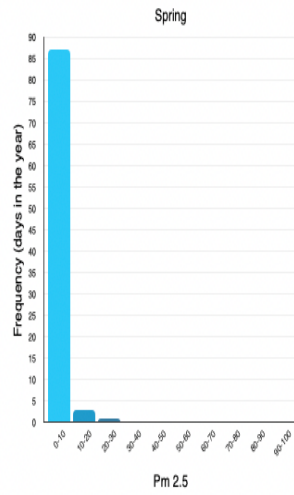
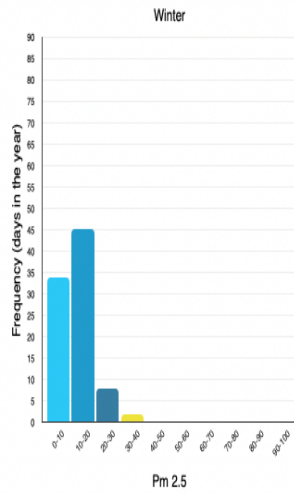
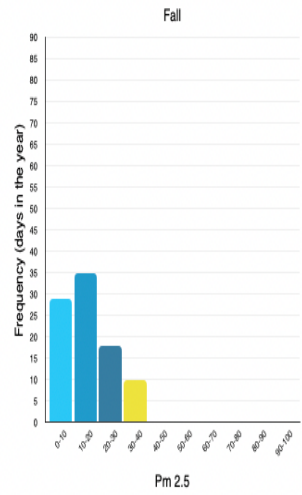


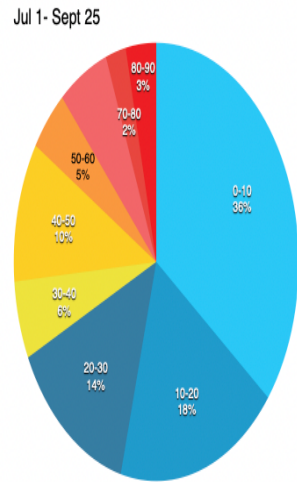
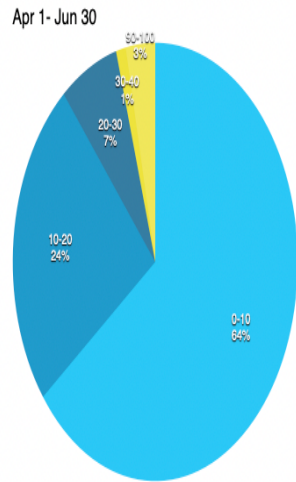
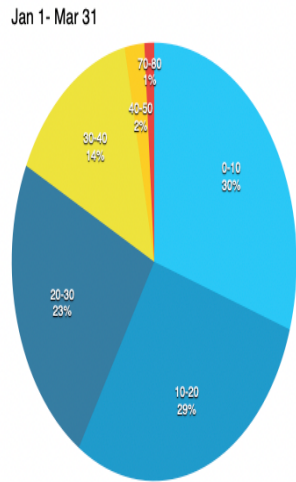
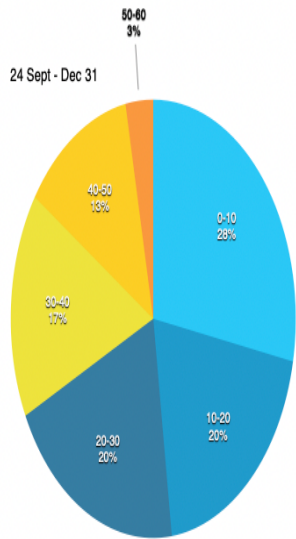
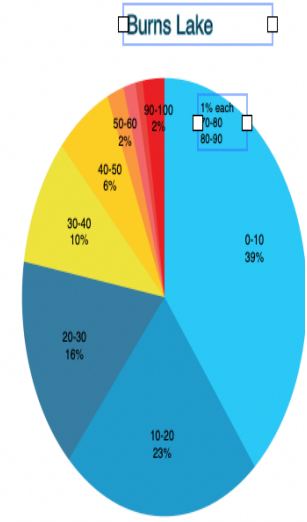
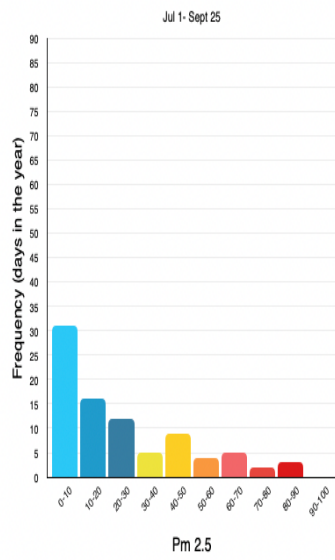
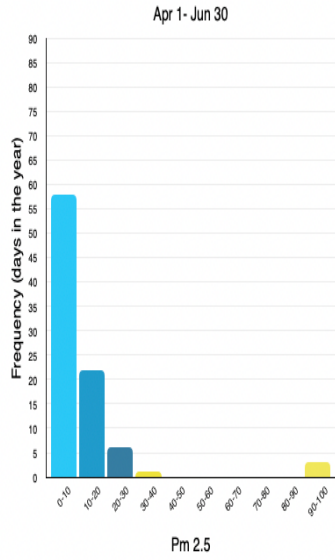
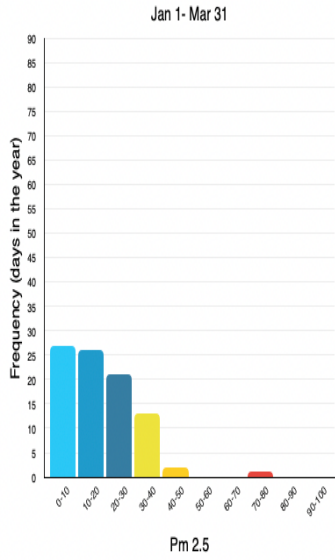
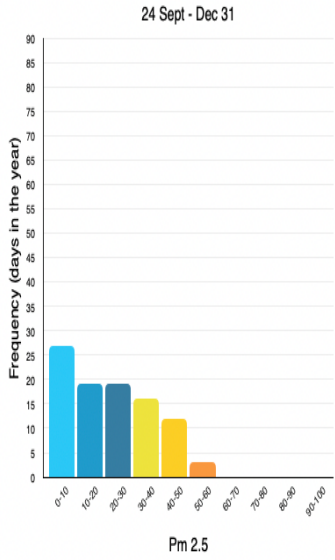
GIT JAN - Sept 2023



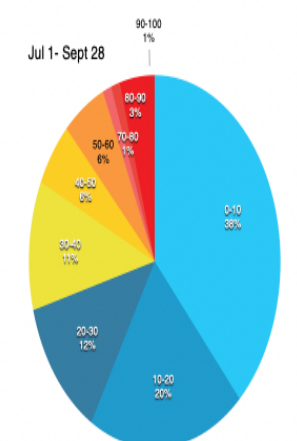
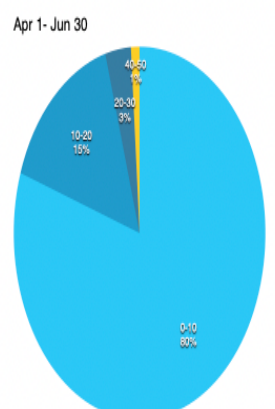
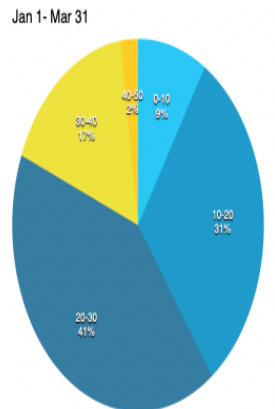
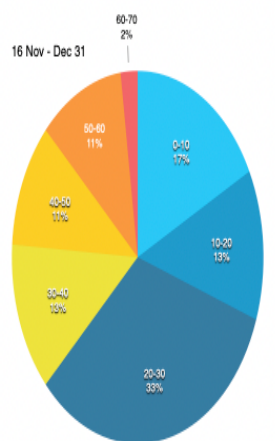
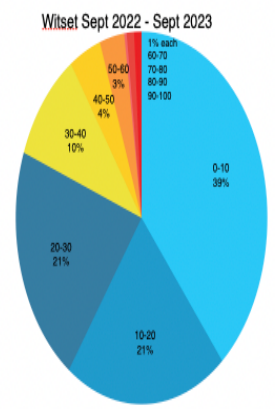
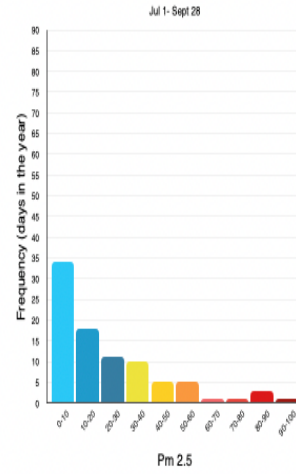
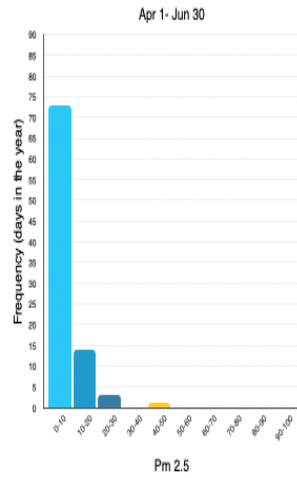
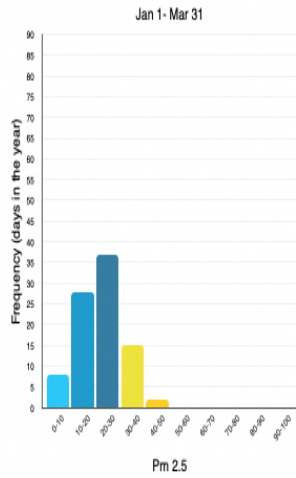
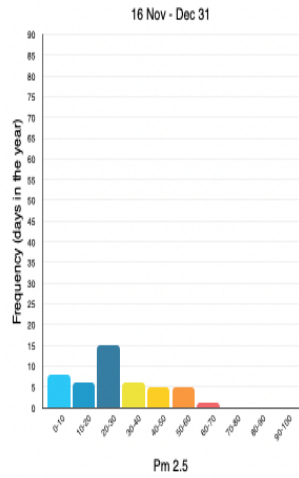


Hztñ - sept 2022 to sept 2023, purple air data for illustration, bold ams





Wiset - sept 2022 to sept 2023, purple air data for illustration, bold ams



Yearly PM2.5 Averages:

Gitanyow 14.94

Hazelton/Kispiox 10.7

Witset 16.6

RDBN 37.9

Smithers 36.14

Telkwa 10.6

Houston 25.8

Burns Lake 21.6

Granisle 40.3, JULY 2023