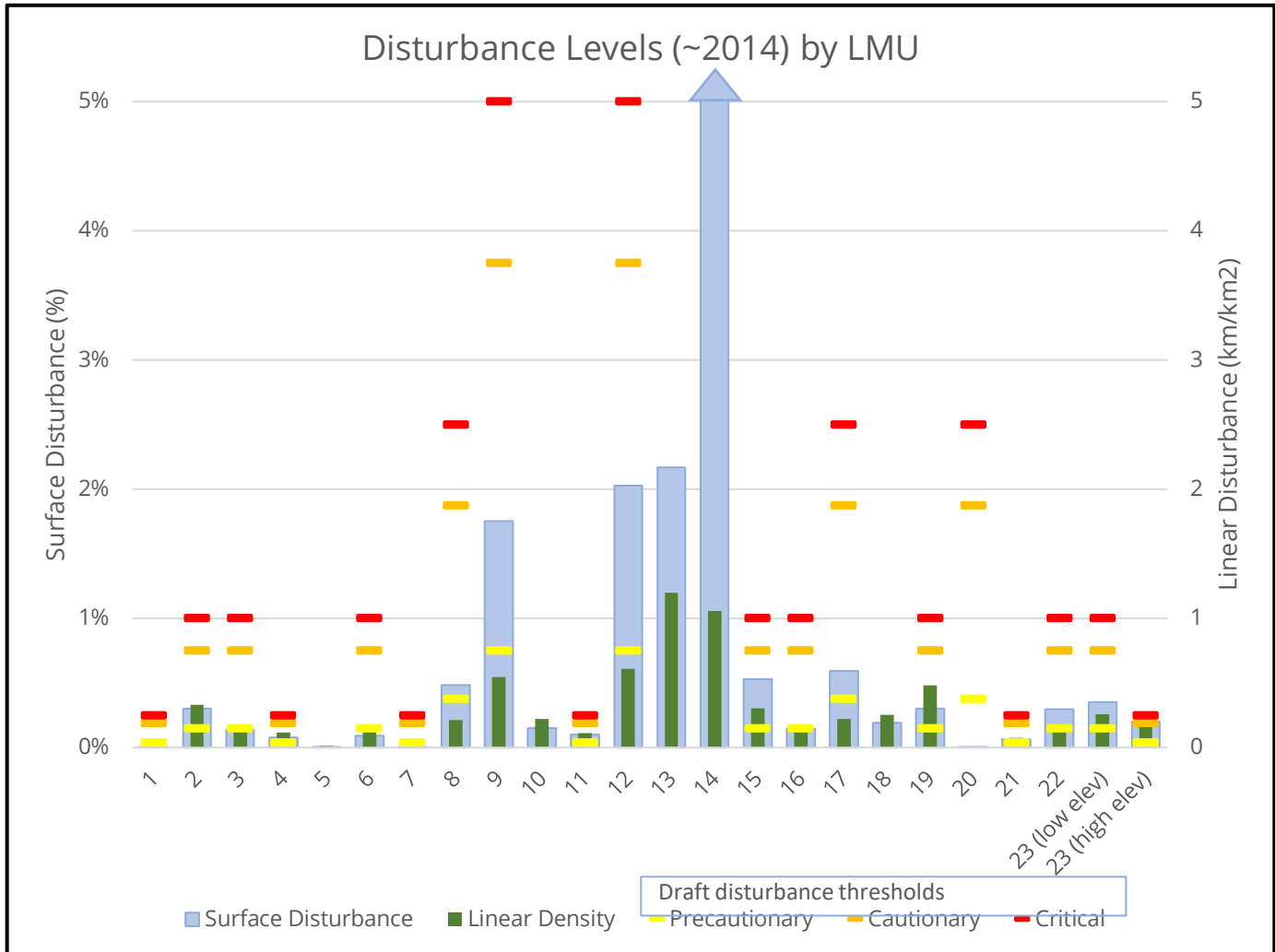


Analysis of "Current" Disturbance Levels

The DRPC considered best available disturbance data (primarily from 2014) when arriving at the disturbance thresholds in their Draft Plan. Disturbance within one kilometer of highways was not included in their calculations. Recovery of older disturbances was also not included because of lack of information. Results are shown in the figure and table below.

Note that disturbance that has occurred since 2014 is not included. This issue is most noticeable in areas where most activity has happened since 2014 – like LMU 20 (Coffee). The DRPC addressed this information gap by also considering estimated and forecasted disturbances in developing their Draft Plan. More information on forecasted disturbances will be presented in an upcoming report.



		Existing (~2014)		Draft Surface Disturbance Thresholds			Draft Linear Density Thresholds			
LMU #	LMU Name	DLUP Zone	Surface Disturbance (SD) (%)	Linear Density (LD) (km/km ²)						
					Precautionary	Cautionary	Critical	Precautionary	Cautionary	Critical
1	North	SMA 2	0.01%	0.008	0.04%	0.19%	0.25%	0.04	0.19	0.25
2	Eagle Plains	ISA 2	0.30%	0.330	0.15%	0.75%	1.00%	0.15	0.75	1
3	Yukon River Corridor	SMA 2	0.14%	0.166	0.15%	0.75%	1.00%	0.15	0.75	1
4	Fifteen - Chandindu	SMA 2	0.08%	0.117	0.04%	0.19%	0.25%	0.04	0.19	0.25
5	Tombstone	TTP	0.01%	0.010	NA					
6	Klondike	ISA 2	0.09%	0.143	0.15%	0.75%	1.00%	0.15	0.75	1
7	Upper Brewery/Hamilton	SMA 2	0.00%	0.001	0.04%	0.19%	0.25%	0.04	0.19	0.25
8	Lower Brewery - Hamilton	ISA 3	0.49%	0.210	0.38%	1.88%	2.50%	0.38	1.875	2.5
9	Clear Creek	ISA 4	1.75%	0.546	0.75%	3.75%	5.00%	0.75	3.75	5
10	Upper Klondike	SMA 1	0.15%	0.219	NA					
11	Flat Creek Wetlands	ISA 1	0.10%	0.110	0.04%	0.19%	0.25%	0.04	0.19	0.25
12	East	ISA 4	2.03%	0.608	0.75%	3.75%	5.00%	0.75	3.75	5
13	Klondike Valley	FPA	2.17%	1.196	NA					
14	Dawson City	CA	9.12%	1.058	NA					
15	Forty Mile River	ISA 2	0.53%	0.302	0.15%	0.75%	1.00%	0.15	0.75	1
16	Swede Creek	ISA 2	0.14%	0.177	0.15%	0.75%	1.00%	0.15	0.75	1
17	Sixtymile	ISA 3	0.59%	0.219	0.38%	1.88%	2.50%	0.38	1.875	2.5
18	Matson Uplands	SMA 1	0.19%	0.254	NA					
19	Upper Indian River Wetlands	SMA 2	0.30%	0.480	0.15%	0.75%	1.00%	0.15	0.75	1
20	Coffee	ISA 3	0.01%	0.007	0.38%	1.88%	2.50%	0.38	1.875	2.5
21	White	ISA 1	0.06%	0.077	0.04%	0.19%	0.25%	0.04	0.19	0.25
22	Scottie Creek Core	SMA 2	0.30%	0.179	0.15%	0.75%	1.00%	0.15	0.75	1
23	(low) Forty Mile Caribou Corridor	ISA 2	0.35%	0.257	0.15%	0.75%	1.00%	0.15	0.75	1
23	(high) Forty Mile Caribou Corridor	ISA 1	0.20%	0.239	0.04%	0.19%	0.25%	0.04	0.19	0.25

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